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RE: ARIZONA PUBLIC SERVICE COMPANY'S TESTIMONY AND ASSOCIATED WORKPAPERS IN THE MATTER OF THE GENERIC PROCEEDING CONCERNING ELECTRIC RESTRUCTURING ISSUES. DOCKET NO. E-00000A-02-0051, ET AL.

Dear Sir or Madam:

Pursuant to the Procedural Order dated October 9, 2002, Docket No. E-00000A-02-0051, et al., Arizona Public Service Company is hereby filing the direct testimony and associated workpapers of Mr. Peter M. Ewen and Mr. Thomas J. Carlson.

If you or your staff have any questions, please feel free to call me.

Sincerely,

Jana Van Ness

Jana Van Ness
Manager
Regulatory Compliance

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DIRECT TESTIMONY OF THOMAS J. CARLSON

On Behalf of Arizona Public Service Company

Docket No. E-00000A-02-0051, et al.

November 4, 2002

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DIRECT TESTIMONY OF THOMAS J. CARLSON
ON BEHALF OF ARIZONA PUBLIC SERVICE COMPANY
(Docket No. E-00000A-02-0051, et al.)

I. INTRODUCTION

Q. PLEASE STATE YOUR NAME, ADDRESS AND OCCUPATION.

My name is Thomas J. Carlson. I am the Head of Trading for Arizona Public Service Company ("APS" or "Company"). In that role, I am responsible for procuring purchase power and natural gas for APS, and also the marketing of surplus APS generation and natural gas.

Q. WHAT IS YOUR EDUCATIONAL AND PROFESSIONAL BACKGROUND?

A. I received a Bachelor of Science degree from the University of South Dakota in 1977. Prior to coming to APS, I worked in marketing and market research positions with the airline and motor transportation industries. I held a similar position when I joined APS in 1988. In 1992, I began in the gas trading and fuel management area of the Company, rising to Director of Generation Fuel Procurement for APS. When trading functions were transferred to Pinnacle West Marketing & Trading ("M&T") after the 1999 APS Settlement Agreement with the Commission, and in anticipation of generation divestiture, I became an M&T employee. With the Commission's decision to reverse course on divestiture in Decision No. 65154 (September 10, 2002), I was transferred back to APS and assumed my current duties.

Q. WHAT IS THE PURPOSE OF YOUR DIRECT TESTIMONY?

A. My testimony will describe a proposed APS procurement plan for what APS witness Pete Ewen has determined to be the Company's reliability-driven

capacity and energy needs that cannot be met by the Company's existing generation and purchase power contracts, which I believe is the subject of Track B. I then discuss the potential acquisition through a separate but parallel process of what are presently classified as "reliability must-run" (RMR") needs of the Company. I also address competitive short-term purchases for both economic and reliability reasons that would fall outside the broader Track B procurement.

I say "proposed" procurement plan not just because the Commission may require a different plan, but also to emphasize the evolving nature of the procurement process itself. APS has already made significant changes to the procurement proposal outlined in its July 2002 filing in the proceeding (and discussed during the workshops). No doubt further refinements will occur between now and the actual 2003 Track B procurement as a result of these proceedings and continued dialogue with Staff and other parties. However, our goals, and I believe those expressed by Commission Staff in its final report of October 25, 2002 ("Staff Report"), are unchanged—to acquire the unmet needs of APS customers in an economic and reliable manner through a fair and open process.

II. SUMMARY

Q. WOULD YOU PLEASE SUMMARIZE YOUR DIRECT TESTIMONY?

A. APS's proposed plan calls for a multi-layered procurement effort. The first part will be a request for proposals ("RFP") to be issued no later than the end of February 2003 seeking three basic products:

(1) capacity only (the right to capacity at a fixed or floating price

with no obligation to take energy) from a specific generator or group of generators;

(2) capacity plus some minimum level of energy taken from a specific generator or group of generators during specified months and hours; and

(3) physical "call" options having the same general characteristics as the first product except physical call options are usually exercised at specific fixed or "strike" prices.

Contract lengths will be as short as one quarter and as long as four years. The percent mix of the listed product types that APS will procure in the initial RFP will be determined by then-existing market conditions, credit quality, deliverability, and other relevant factors.

The intent is to request bids for 100% of the unmet reliability needs for 2003, 2004, 2005, and 2006 through this process. But APS may elect to acquire more or less than these amounts during any year or in total depending on the actual responses to this RFP and then existing or forecasted market conditions. APS could also reject all the bids if they do not satisfy the Company's needs or are unreasonable in terms of price, reliability, etc. To the extent that APS unmet needs cannot be economically and reliably met through the initial RFP, or as stated above, any part of such need goes "uncovered" in the initial RFP solicitation, those uncontracted and still unmet reliability needs would be addressed either by short-term market purchases (for 2003) or in a subsequent formal procurement. Such procurement would likely take place in early 2004, depending on the results of the RFP and may in 2004 switch to a descending clock auction process, which remains a long-term procurement option .

RMR needs from non-APS resources will be handled somewhat differently. APS will separately but concurrently solicit proposals for such needs. If a proposal is received that can demonstrate to the Company's satisfaction deliverability on reasonable terms within the Phoenix load constraint, APS will consider it on the same price, credit–worthiness, reliability of both supply and delivery, etc., criteria as will be applied to the more general Track B solicitation.

Finally, short-term and economy purchases (e.g., balance of month, day ahead, and real time) would be made much as they are today, as is recommended in the Staff Report. Maximum flexibility in making these purchases has benefited and should continue to benefit APS customers. Short-term purchases have been a critical part of prudent power procurement for many decades and are necessary to match a changing market with changing load requirements. APS is studying an expanded role for independent brokers and/or electronic trading platforms to determine whether these or other steps are necessary for affiliate transactions, but will not unnecessarily burden the procurement process with red tape and prescriptive rules at the expense of customer benefits.

A last part of my testimony, although intertwined with the rest , is a discussion of risk management. In other words, how will APS manage the risks of this Commission-ordered procurement to best protect its customers? This encompasses both the traditional risks of commodity availability and commodity price, and also the relatively new world of counter-party risk. It also addresses the risks newly created by the Track B process itself. Although it would be inappropriate to discuss in any detail APS risk management tools in a public forum involving prospective bidders, it is today evident that counter-party risk is

a dominant consideration in determining the length of power agreements in the current financial climate. Establishing strong credit requirements at the outset of the contract is a first line of defense. Periodic collateral call provisions are the next layer of credit protection, although they are of limited value when needed most. In a world where strong A-rated companies can fall all the way to junk status in a year or less, only resource diversity and/or shorter term transactions or some combination can provide that final layer of protection for our customers.

III. THE RFP

Q. WHY IS APS NOW PROPOSING A SIMPLIFIED RFP PROCESS FOR THE 2003 PROCUREMENT INSTEAD OF THE AUCTION PROCESS DISCUSSED IN ITS JULY 2002 COMMENTS AND DURING MUCH OF THE WORKSHOP?

A. First of all, the July 2002 filing describing a descending clock auction process was intended to be a framework for further discussion, not a "take it or leave it" proposal. APS has been listening to the proponents of RFPs throughout the workshops and has taken some of their comments to heart. Although we are still concerned that the often highly subjective nature of the RFP process could lead to higher costs and more controversy, we propose to reduce that subjectivity by more narrowly defining the products to be solicited and by bidder pre-qualification.

Second, the nature of our needs has changed since July and even since the early workshops in Track B. At that time, the Company fully anticipated that it would be divesting all of its generation, with or without the proposed purchase power agreement ("Proposed PPA") submitted to the Commission in the Fall of 2001.

In either event, APS needs would have been for a more standard, higher load factor energy product. With the requirement that APS keep its generation and competitively procure the needs that cannot be met from such resources, this means that the Company needs significantly more capacity than energy, and generally requires both only during limited times of the year and times of day. Dispatchable capacity and energy products, or their equivalent, become far more attractive, as do capacity reserves without any associated energy.

Third, there is a timing element at work here. Back in July, APS indicated the need to begin the acquisition process some five to six months before delivery. This means a significant acceleration of the Staff-proposed schedule even assuming a new proposed delivery date beginning with the third quarter ("Q3") of 2003. Formal auctions require considerable up front lead-time for retaining an outside auction administrator, for software development, and for testing and training on the part both of prospective bidders and utility personnel.

Fourth, the process suggested by Staff in the Staff Report is not particularly conducive to an auction. Auctions work best when there is up-front agreement on the process and the understanding that because regulators have pre-approved the structure of the auction, they will accept the results of the auction by providing adequate assurances of full cost recovery by the purchasing utility. Alternatively, the utility can be given full authority to conduct an auction free from contemporaneous direct regulatory involvement, excepting for the usual prudence review in subsequent rate proceedings. The Staff Report's proposal does neither.

This does not mean that APS has given up on the auction process. Indeed, if permitted by the Commission as a result of this Track B proceeding, the Company is very much interested in exploring such an auction process for its 2004 procurement of all or portions of any remaining unmet need for years after 2003 that is not acquired through the 2003 RFP.

Q. COULD YOU PLEASE DESCRIBE THE PRODUCTS APS WOULD SEEK IN THIS RFP?

A. Yes. As I mentioned earlier, our most critical need in the next several years is for capacity. We also require limited amounts of energy during peak periods. Therefore we will seek bids in minimum 25 MW blocks for just capacity and also for similar blocks of capacity with minimum energy purchases during the months of July through September of each year from the hours of HE0700 through HE2200, seven days a week. APS will require capacity-only offers to be firm with reserves. Capacity with energy offers may be either firm or contingent during the months and hours described above. In the case of the latter, the prospective seller may either firm up the proposal with its own reserves or APS will add the expected cost of reserves to the offer to make it comparable with firm power.

In addition to firm blocks of energy, APS will seek physical call options in the RFP process. Physical call options are rights to purchase a specific amount of capacity and energy at a predetermined "strike" price for a specified period of time. For example, if APS owned a $50/MW daily physical call option on 75MW of "6 x 16" power for July through September 2003, APS would have a daily option to purchase for the following day power at the agreed upon strike price of $50/MWH for the 16 hour on-peak period. The power provided is

physically firm and not unit contingent. Although physical call options do exist that are dispatchable (that is, the buyer does not have to take the entire block of energy at the strike price, but rather only what is actually needed), these carry a premium for dispatchability, and the market is thinner than for the more standard "6 x 16" product.

Q. AT WHAT DELIVERY POINTS WILL APS ACCEPT DELIVERY OF POWER PROCURED UNDER THIS RFP?

A. That will be finalized when the deliverability analysis discussed on page 15 of the Staff Report is completed. However, it appears the following delivery points, subject to existing or forecast constraints, can be utilized: Palo Verde, Navajo, Mead, North Gila, Liberty, Pinnacle Peak, Westwing, Jojoba, Four Corners, Gila Bend, and Kyrene. And, as I discussed earlier, entities that can demonstrate deliverability to a suitable point of delivery within the Phoenix load constraint may also bid for non-APS RMR needs.

Q. WILL THE COMPANY BE SEEKING ANY ANCILLARY SERVICES IN THE 2003 RFP?

A. Other than reserves, the answer is no. APS will provide ancillary services. This may change in the future as either a viable market for such services is developed in Arizona or because WestConnect or a similar entity assumes the role of ancillary service provider within the APS service territory.

Q. WHAT IS THE PROCUREMENT HORIZON FOR THE 2003 RFP AS YOU HAVE DESCRIBED IT IN YOUR TESTIMONY?

A. For both the reasons described in our July 2002 filing and the present credit crisis in the industry; we are looking at up to a four-year procurement. That is, we will accept proposals for as short as one quarter and up to four years.

As noted last July, the establishment and operation of a RTO may expand the number of potential bidders in the Arizona market by facilitating access to Arizona by out of state and even out of region suppliers. FERC's proposed Standard Market Design is another wild card that may affect both the price and availability of transmission for one set of potential bidders *vis-a-vis* others.

Counter-party credit problems, which I discuss later in my testimony, have dramatically affected the term of power acquisition transactions. The credit quality of its sellers is obviously important to the buyer in case of seller default. But that does not mean you only assure yourself of such credit quality after a default has occurred. That would be like worrying about fire insurance after the fire has started. Moreover, it is not just the seller's credit when the deal is inked that must concern the buyer, but what that credit will be during the term of the transaction. Historically, most deals, whether multi-year or day-ahead, were with other utilities. Even with the advent of merchant traders and producers, most had credit equal to or greater than some utilities. Times have dramatically changed in the past 24 months. Many counter-parties are experiencing severe credit problems. Credit downgrades have been frequent and widespread. Some counter-parties such as Enron have disappeared altogether. As such, APS has established credit criteria that allow transactions to occur while minimizing the reliability and financial risk to APS and its customers. These criteria determine whether APS can, for example, do a multi-year deal for a particular seller, while another may be extended credit only for day-ahead sales.

Q. HOW MUCH CAPACITY AND ENERGY WOULD APS SOLICIT FOR THE YEARS 2003 THROUGH 2006 VIA THIS PROPOSED RFP?

A. All the unmet capacity and energy needs shown on Mr. Ewen's Schedule PME-1. As indicated in my SUMMARY, the non-APS RMR amounts shown for these years would be solicited simultaneously by a separate RFP. In the case of the latter, the prospective seller will have to demonstrate to the Company's satisfaction that it has or can acquire firm transmission rights over non-APS transmission to a delivery point within the Phoenix load constraint or that it owns or controls generation within that constrained area.

Although APS will accept proposals for all or a portion of the entire estimated unmet reliability needs for these years, that does not necessarily mean APS will execute contracts covering 100% of such needs. Consistent with the Staff Report, APS would reserve the right to reject any and all offers, even for 2003, if they are unacceptable in terms of price and reliability. See Staff Report at 16. This will be discussed more in the RISK MANAGEMENT section of my testimony.

Q. WHAT WILL YOU DO IF YOU DO NOT ACCEPT SUFFICIENT BIDS TO COVER ALL YOU UNMET NEEDS FOR 2004 THROUGH 2006?

A. Such needs would be addressed in a subsequent competitive procurement or procurements. Also, as a new load and energy forecast is made in 2003, the amount of forecasted unmet reliability needs could increase or decrease for these subsequent years. In any event, APS would likely either repeat the RFP process or move to an auction such as was described in the July filing using, however, the energy products then appropriate for APS, which are likely to remain capacity intensive and energy light for the immediately foreseeable future. As is indicated in the Staff Report at page 40, we would need to review how the 2003

solicitation worked before finalizing plans for subsequent competitive solicitations.

Q. WHAT WOULD APS DO IF THERE ARE NOT ENOUGH ACCEPTABLE OFFERS FOR EVEN THE COMPANY'S 2003 UNMET RELIABILITY NEEDS?

A. Given the short time between the end of this Track B proceeding and Q3 of 2003, I do not even like to think of that possibility. However, should that happen, the solicitation would fail. See Staff Report at 33. In such a situation, APS would work closely with Staff, the independent monitor, and bidders to determine why the solicitation had failed and whether a second formal solicitation was possible for 2003. If not, APS would propose to use the same process as it would otherwise use for short-term purchases from the competitive wholesale market—a process discussed later in my testimony.

Q. HAS APS DEVELOPED ALL THE DETAILS SURROUNDING THE PROPOSED RFP?

A. No, but APS intends to follow the description of solicitation materials discussed in the Staff Report beginning on page 17. Thus, most of the details as to pre-qualification, form of contract, the time for responses to the RFP and the time bids will remain open, the handling of preferred versus secondary delivery points for purposes of bid evaluation, bid fees, etc., will be part of the bid package. The most recent Procedural Order in this proceeding greatly accelerated the time for submitting even this level of detail concerning the Company's procurement plan as compared to anything that had been discussed in the workshops or contained within either the draft or final Staff Report. APS has attempted to comply with this unexpected filing mandate to the best of its ability within the time permitted.

IV. SHORT-TERM PROCUREMENTS

Q. WILL EITHER THE 2003 RFP OR THE POSSIBLE AUCTION IN 2004 AND BEYOND, IF SUCCESSFUL, RESULT IN THE ACQUISITION OF THE PRECISE AMOUNT OF ALL APS PURCHASE POWER UNMET NEEDS FOR 2003 THROUGH 2006?

A. Only under the most implausibly fortuitous circumstances would this be the case. We are talking here about forecasted unmet needs, and the one thing we all know about forecasts is that they will be "off" by some amount. The weather will be hotter or cooler than forecast. Population influx will be more or less than forecast. APS generating units will experience more or less forced outages. Planned outages will be shortened, lengthened, postponed or accelerated. Perhaps the biggest unknown is the degree to which retail access cuts into our forecasted demand and energy.

I could go on, but I think I have made my point. APS will continuously make short-term purchases to cover short positions and sell existing resources to liquidate long positions. Even when resources are acquired well in advance, there is a constant re-evaluation of their continued appropriateness from both a need and cost perspective. APS also routinely makes economy purchases (i.e., purchases of energy that are made when it is less expensive to buy short-term power from the market than it would be to continue generating power using APS-owned generation) on a balance of month, day-ahead, and/or real-time basis. None of these purchases can be reasonably planned years in advance and even the ability to predict them given a specified load forecast involves numerous unknown variables. And as is the case with those resources acquired to meet capacity and energy reliability needs, these short-term economy

purchases are continually managed right up to the moment of expected use to produce the best results for our customers.

Q. HOW WOULD APS GO ABOUT MAKING SUCH PURCHASES?

A. As indicated in the Staff Report, APS would continue to make such purchases in the ordinary course of business as it does today. See Staff Report at 4. In the specific case of economic purchases, these are cost-driven. Presently, most of our load demand is met with baseload nuclear and coal fired generation. For APS and much of the West, the marginal generating resource is gas-fired. APS can either purchase gas to run in one of its own units or purchase gas-fired generation. If APS can generate electricity at a lower cost than the then anticipated market price of power, we normally secure forward gas (gas purchased today for delivery at some future date) to meet that anticipated economy energy need. Conversely, if forward purchase power (power purchased today for delivery at some future date) costs were lower, we would normally secure forward power and reduce forward gas purchases. Even after this initial decision is made (gas versus purchase power), we continually monitor market conditions, and our initial gas or power position may be liquidated and replaced with its alternative many times until the time of anticipated use by APS to serve customers.

At present, APS secures economy and other short-term purchases through the following process. Forward markets for energy are presented to APS daily in a myriad of ways, including direct contact with counter-parties, use of brokers, and access with online trading systems. Each day, APS reviews its current position and the value of the forward energy market and determines whether or

not to procure economy or other short-term energy. Factors such as weather, load, credit, plant outages, natural gas prices (spot and future), and product type all impact the procurement process. Economy purchases are driven primarily by price and credit. Other short term and real time purchases are driven more by price and reliability.

A few new procedures are being studied and may be added regarding affiliate transactions. APS is looking at the practicality of securing short-term purchases (30 days or less) from independent brokers and the use of "blind" (i.e., the identity of specific pre-qualified sellers in not known to the buyer) electronic trading platforms such as ICE and Bloomberg. APS already uses such devices for some short-term purchases today and will consider expanding their use or consider yet other process changes for affiliate transactions if they increase the efficiency and transparency of its short-term purchasing practices and if they do not compromise the ultimate goal of producing maximum consumer benefits. And, in situations when there are unanticipated and immediate threats to reliability, APS will do what is necessary when it is necessary to address that threat.

V. RISK MANAGEMENT

Q. PLEASE IDENTIFY THE TYPES OF RISK WHICH APS AND ITS CUSTOMERS ARE FACED WITH BECAUSE OF THIS TRACK B PROCUREMENT?

A. Any restriction on the Company's ability to procure its power needs limits its flexibility and increases risk. For example, waiting until March of 2003 to acquire Q3 of 2003 reliability needs increases price risk since windows of opportunity between now and March would be foreclosed by this process. APS

is addressing this risk by entering into appropriate hedges this fall and winter. Such hedges have historically been used and will continue to be used to mitigate price and commodity risk. This will not reduce the amounts of capacity and energy potentially secured through the RFP, but it will protect the Company and its customers from price increases between now and April 2003, Predefining the products to be procured is necessary for an manageable RFP process given schedule envisioned by the Staff Report, but it may increase the risk that a different but adaptable product might have produced a lower cost. Dictating that a specified amount of the defined products must be acquired increases both price risk (if sellers know you have to buy, the price will be higher) and volume risk (purchased too much or too little). Being required to acquire the product in a single solicitation carries with it the same increased risk. Perhaps the largest risk is that the process will compromise the Company's ability to insist on credit-worthiness both at the outset and through the term of any purchase agreement. I would also add that some risks in the Track B process outlined in the Staff report likewise affect potential sellers, and they will expect additional compensation to assume these risks.

Q. WHY NOT COMMIT TO BUYING ALL YOUR FORECAST NEEDS FOR 2003 THROUGH 2006 THROUGH THE PROPOSED 2003 RFP?

A. It would be imprudent to make such a <u>commitment</u> in advance of the bidding, though it may not be imprudent to actually acquire all such needs. My goal is to meet APS customer needs for reliable and economic power as efficiently as possible—period. I cannot fulfill that mission unless I have the flexibility to say "no." As long as I have the power to say no, I have options, which means I have leverage in the negotiation with suppliers to serve those APS customer needs. If I am required to make a specific level of purchases regardless of price or credit-

worthiness, either current or forecast, I lose that power and leverage, and customers get either more costly or less reliable service or both.

Q. WITHOUT GIVING OUT ANY TRADE SECRETS, HOW DO YOU GO ABOUT PUTTING TOGETHER A BALANCED PORTFOLIO OF PRODUCTS BOTH AS TO TERM AND PRICE?

A. You study the market (both present and future), weigh credit considerations, evaluate regulatory risk, and factor in the inherent uncertainty of any load forecast. There is no magic formula, and if there were, I would not disclose it to potential suppliers in this public forum. That would be the same as giving up my power to say no, which is something no prudent buyer would ever surrender. But I can say that I will assemble the best portfolio of the three product types solicited, with diversity of terms (lengths) and of the various resources standing behind those products, as is possible given the bids received, the nature of our unmet needs, then-prevailing market conditions and other relevant factors. The goal is to bring incremental reliability and cost value to APS customers. And in doing so, I am mindful that the best hedge our customers have in this entire process in the broad portfolio of the Company's existing capacity and energy resources, a hedge I intend to use to maximize that value.

VI. CONCLUSION

Q. DO YOU HAVE ANY CONCLUDING REMARKS?

A. Yes. In my testimony, I have introduced the Company's current thinking on Track B procurement. It is largely premised both on Mr. Ewen's needs assessment and the Staff Report. Although a riskier and potentially more costly proposal than the Company's existing procurement strategy, it is consistent with the Commission's orders to date and still preserves significant flexibility, the

most important aspect of which is the ability to reject any or all bids received as a result of this process.

Q. DOES THAT CONCLUDE YOUR PREFILED DIRECT TESTIMONY IN THIS PROCEEDING?

A. Yes, it does.

DIRECT TESTIMONY OF PETER M. EWEN

On Behalf of Arizona Public Service Company

Docket No. E-00000A-02-0051, et al.

November 4, 2002

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DIRECT TESTIMONY OF PETER M. EWEN
ON BEHALF OF ARIZONA PUBLIC SERVICE COMPANY
(Docket No. E-00000A-02-0051, et al.)

I. INTRODUCTION

Q. PLEASE STATE YOUR NAME, ADDRESS AND OCCUPATION.

My name is Pete Ewen. I am the Manager of the Forecasts Department at Arizona Public Service Company ("APS" or "Company"). In that role, I am responsible for preparing short-range and long-range forecasts of system peak demand and energy sales and identifying the optimal dispatch of available resources that will minimize the cost of meeting those energy requirements.

Q. WHAT IS YOUR EDUCATIONAL AND PROFESSIONAL BACKGROUND?

A. I received Bachelors and Masters degrees in Economics from Arizona State University in 1985 and 1988, respectively. I have analyzed and forecasted electric energy and demand growth since 1988, first as a Staff member of the Arizona Corporation Commission ("Commission") and, since 1990, as an employee for APS. I have specifically analyzed the actual dispatch of our generating units in combination with market purchases to serve native load demand since 1998, and assumed full responsibility for making the optimal dispatch and associated fuel cost projections in 2000. I was formerly President of the Arizona Economic Round Table, a group of Arizona-based economists that specialize in studying the Arizona economy, and I am still a member of that organization. I also serve on the Joint Legislative Budget Committee's Finance Advisory Committee. This consists of a group of state economists who advise the Joint Legislative Budget Committee staff on the adequacy of the economic projections underlying their state revenue projections. I am also Chairman of

the Arizona State University ("ASU") Dean's Board of Excellence, which is a group of local businessmen and women who support the College of Business Honors Program by mentoring students, funding scholarships, and providing insights to students and faculty on managing through topical business challenges.

Q. WHAT IS THE PURPOSE OF YOUR DIRECT TESTIMONY IN THIS PROCEEDING?

My testimony will explain and document the methods by which APS has estimated its unmet needs for capacity and energy for the period 2003 through 2012. It was that estimated need that will serve as the basis for Mr. Thomas Carlson's testimony on the Company's proposed procurement plan.

II. SUMMARY

Q. WOULD YOU PLEASE SUMMARIZE YOUR DIRECT TESTIMONY?

A. APS's unmet needs for capacity and energy are derived from a comparison of the expected energy and peak demand requirements over the next ten years with the availability of APS resources to meet those needs. As would be expected for a utility having a system load factor in the low 50% range, our unmet capacity needs far exceed our unmet energy needs. That is, the number of hours for which we require additional supply beyond that which our own resources and firm contracts can provide is relatively low, which means that the amount of energy that accompanies the additional capacity is also low. Specifically for 2003, I estimate that we need to acquire approximately 1,400 MW of capacity (22% of peak requirements) and some 650 GWH of energy. from the competitive wholesale market to meet the reliability needs of the APS system. Meeting these reliability needs means that APS has enough resources to meet

the single hour of highest peak demand each year plus a reserve amount to protect against unforeseen plant outages and unanticipated demand, and that all of our customers' energy needs can be served as well. Virtually all of this capacity and energy is needed during the third quarter of 2003 (July, August and September). Capacity needs grow by roughly 6.0% per year, reaching 1,877 MW by 2007, or 25% of peak requirements. In contrast, energy needs grow by 25% per year to 1,940 GWH by 2007. See Attachment PME-1.

These figures are based on the definition of unmet need set forth in Staff's Final Report on Track B Issues ("Staff Report") dated October 25, 2002. See Staff Report at 35, lines 4 - 8. Such definition follows directly from the Commission's order in Track A. See Decision No. 65154 (September 10, 2002). This includes some small modifications to address the Commission's Environmental Portfolio Standard ("EPS") requirements and reliability must-run ("RMR") issues, both of which are described later in my testimony. See also Staff Report at 6, lines 9 – 14. Specifically, we took our most current load and energy forecasts for the years 2003 through 2012 and added a 15% capacity reserve requirement for APS generation and non-firm purchases. We then subtracted out the following:

(1) capacity and energy that can be met from generation resources owned by APS as of September 1, 2002 and included in APS retail rates;

(2) capacity and energy that can be met from wholesale contracts with non-affiliated suppliers that were entered into prior to September 1, 2002;

(3) a calculation of RMR that necessarily must come from non-APS resources; and

(4) the EPS grid-connected resources that APS has or will acquire during these years assuming continuation of present funding for the EPS.

III. THE DEMAND AND ENERGY FORECASTS

Q. DID APS USE ITS MOST RECENT FORECAST OF DEMAND AND ENERGY TO DETERMINE ITS ASSESSMENT OF UNMET NEED?

A. Yes. For purposes of this calculation, we are using our most recent forecast of demand and energy completed in October of this year. This (or the relevant components of it) is the same forecast that serves as the basis for the Company's operating budget in 2003, including revenue and fuel expense projections, generating unit production cost and capacity factor targets, and construction expenditures related to providing service for customer growth. The October 2002 forecast is also an important feature of the Company's power supply, transmission network, and distribution network expansion plans. In addition to tying in to the Company's operating plan, the load forecast (or its major components) is also shared with credit rating agencies, current and prospective lenders, the Western Electric Coordinating Council ("WECC"), and other parties as necessary to address critical business issues. As a result, it has always been important for the load forecast we use internally to be the very best expectation of our true demand and energy growth.

The methods used to produce the load forecast are consistent with methods that are used across the industry and are similar to the methods that were documented in each of the Company's most recent IRP filings (in 1992 and 1995). Furthermore, as I describe later in my testimony, the accuracy of these

methods (particularly in the near-term) is quite good with an average error rate of less than two percent when projecting the next year's energy demand.

Q. COULD YOU PLEASE DESCRIBE IN DETAIL THE METHODOLOGY AND KEY ASSUMPTIONS IN THE OCTOBER 2002 FORECAST?

A. Yes. As I mentioned earlier, our most recent forecast of energy sales and peak demand is the starting point for calculating our expected unmet needs for the next five years. Schedule PME-2 shows the amounts we are projecting for energy sales and peak demand by customer class. From the exhibit, one can see that the forecast used here includes all of our expected retail load plus a small amount of demand from cost-of-service based wholesale contracts with the City of Williams and the partial requirements contracts with the irrigation and electrical districts. Technically, these wholesale contracts should be subtracted from both the forecast and existing resources, but including them in both produces the same result and avoids the need to make adjustments to existing data. These wholesale contracts amount to only 7 MW of coincident peak demand in the forecast.

Forecast Overview

Our current forecast expects energy sales to grow at an average annual rate of 4.1%, with higher growth rates occurring in the near term as the economy and associated electricity demand recovers from the downturn in economic activity. This compares with the most recent 5-year average growth rate from 1997 to 2002, on a weather-normalized basis, of 3.4% and the corresponding 10-year average growth rate, which is also 3.4%. Schedule PME-3 shows these growth rates by class of customer. One of the striking results that can be observed in this Schedule is the rapid growth in electricity sales for the residential and

business classes in 1999 and 2000, followed by the sharp slowdown in 2001. As I describe the drivers of these changes, I believe I can illustrate why we have adopted the methods we use as well as show the kinds of uncertainties that naturally occur with each forecast.

Eighty-nine percent of our energy sales are made to "mass market" residential and business customers. That is, for 11% of our energy sales represented by our largest customers with discrete load requirements and trends, we have on-going contact that allows us to include in the forecast amounts that relate specifically to those businesses and their unique conditions. Historically, this percentage has been a larger number, but has declined in recent years as APS firm wholesale load declined and our largest copper mining customers experienced contractions in their businesses. Because of the obvious logistical limitations involved in contacting many smaller customers and because individual customers below a certain demand threshold are unlikely to influence the demand forecast in a significant way, APS utilizes most of its forecasting resources in developing and enhancing methods for forecasting these "mass market" sales.

Q. HOW DO YOU GO ABOUT FORECASTING THESE "MASS MARKET" SALES?

A. Over relatively longer periods of time (five years or more), 70-80% of the electricity demand APS experiences is the result of economic growth in our service territory. The principal measures of economic growth that APS uses in preparing its forecasts are Arizona population growth, associated household growth, Arizona job growth, and office and retail building floor space additions in metro Phoenix. Historical and forecast values for these variables can be seen in Schedule PME-4.

Because of the unique nature of energy usage in the respective residential and business customer classes, we handle these parts of the forecast separately. I will describe each in turn.

Residential Forecast

Residential sales forecasts result from separate forecasts of the number of residential customers and average residential use per customer. The residential customer forecast is determined by breaking down state-level population forecasts into county-level forecasts, using a projected householder rate by age with an estimated age distribution of the population to determine the number of households in each county, and estimating from historical trends the percent of new households that are likely to be in APS's service territory. This is particularly important for the metro Phoenix area where Salt River Project ("SRP") and APS have split the new single family housing market roughly 50/50 over the past nine years. This "new customer market share" estimate also takes into account various seasonal trends that are inherent in the historical data, which means that it captures such factors affecting demand and energy as winter visitor and college student household impacts. These partial residents are typically not included in the official U.S. Bureau of the Census ("Census") and Arizona Department of Economic Security ("DES") definitions of population and households since these agencies strive to capture the number of permanent residents.

Breaking down the customer growth by county also allows for a more precise estimate of the growth in expected use per customer growth since the APS

territory spans such a large area of the state and incorporates both low-lying desert and high country areas. The weather-sensitive electricity uses are obviously quite different between the two areas with respect to both cooling and heating applications. Other major electricity-using devices also show differences between the two areas, in particular the number of homes with swimming pools (and therefore pool pump motors). Schedule PME-5 shows some of the differences in major appliance ownership between the two areas.

In order to forecast average residential use per customer, APS has relied on both econometric and end-use based methods. The econometric methods involve statistically estimating the historical relationship between monthly average use per customer or monthly average use per square foot (using average home size in the denominator) over time and such independent variables as weather, the real (inflation-adjusted) price of electricity, and specific variables designed to capture the effects of increasing efficiency in air conditioners, heat pumps, and refrigerators as well as the incremental market share for electric heating and electric water heating.

Although widely used and historically fairly accurate, these traditional econometric models have not been as effective in predicting either the high level of usage growth we observed in 1999 and 2000 or the significant decline in usage we observed in 2001. For example, weather-normalized use per customer increased through most of the 1990s by between 0.5% and 1.0% per year. This was, in part, driven by adding incrementally larger homes and some minor increases in base per customer usage—both of which were only partly offset by increasing efficiency in these new homes and from periodic replacement of

older less efficient air conditioners, heat pumps and refrigerators in established homes. However, beginning in the middle of 1999 and carrying through most of 2000, average residential usage increased much more rapidly than these models suggested it would. These deviations from historical trends were then reversed in a fairly dramatic way in the summer of 2001 – again without much support from the econometric models.

In an effort to better understand these trends, APS used a technique in 2001 known as conditional demand analysis ("CDA") to identify the key sources of growth and decline in usage in these years. CDA is a statistical technique that allows the econometrician to separate the systematic differences in usage across households according to the systematic differences in household characteristics. These characteristics include home size (in square feet), number of people living in the home, the type and age of heating and cooling equipment in the home and the presence or absence of other key appliances. The results of the CDA process are estimates of the annual energy consumption for each electric end use included in the model. Notably, while APS has conducted similar studies in the past, 2001 was the first study that allowed us to estimate the stand-alone electricity consumption effects of home computers.

Several key findings emerged from this analysis. First, virtually all of the "above normal" increase in usage in 1999 and 2000 was accounted for by non-weather-sensitive equipment. At least ¼ or more of the growth in residential usage from 1997 to 2000 was accounted for by growth in personal computer ownership. Much of the remaining growth was likely driven by the increased personal ownership of other household electronics such as audio and visual equipment,

non-computer home office equipment (e.g., fax machines), and computer-related equipment (e.g., printers). Data from the U.S. Bureau of Economic Analysis ("BEA") show that the year 1999 was specifically characterized by exceptionally high purchases of household electronics. The declining real price of these electronic appliances in conjunction with the high household income gains in those years (related partly to higher real wages and partly to the wealth effect of large capital gains in the stock market) is the most likely explanation for these trends. Second, the relative intensity of weather-sensitive usage (on a constant efficiency and square foot basis) changed very little in 1999 and 2000. In contrast, the cooling intensity (the degree to which customers cooled their residence) in the desert region declined by 6% in 2001, which amounted to about 115 kWh per customer per month. That is, holding weather, home size, and A/C efficiency constant, APS observed a behavior-related conservation effect of 115 kWh per customer per month, which is equivalent to every customer raising the thermostat by 2.5°. Given the media coverage of blackouts in California, the conservation appeals from Arizona's Governor and the Company's own messages asking customers to conserve, it was not unexpected to see some impact from conservation. However, the historical experience with voluntary calls for conservation would not have predicted the magnitude of this conservation effort, which was quite unexpected. A third key finding was that the vast majority of other electricity usage trends remained relatively stable.

Taking all of these factors into account, APS is presented with some challenges for projecting residential usage trends going forward. Since the econometric model has difficulty in fully handling these sorts of effects (primarily because independent proxy variables that would help explain the historical statistical

deviations are difficult to find), APS has relied more on an end-use approach that provides for greater control over the assumptions regarding the conservation effect and the household base usage increase. To that end, APS initially projected for 2002 that roughly 75% of the 2001 conservation effect would dissipate and that the contribution from new household electronics would run at roughly 1/3 of its growth in 1999 and 2000. What we have found, however, is that only about 50% of the conservation effect has dissipated, but base usage has increased faster than we had anticipated. Therefore, we have revised our forecast of residential usage up slightly to allow the conservation effect to dissipate completely over the next two years and for base usage to increase at a somewhat stronger pace for the next two to three years. Both of these assumptions are consistent with our view of the business cycle as well as the fading memories of the crisis-marked summer of 2001. The residential customer forecast that makes up the remainder of the residential sales forecast has been revised down slightly to account for the weaker growth to date than we had originally anticipated and the recognition that the overall rebound in economic activity is likely to be less robust in the next year or two.

Non-Residential Forecast

With respect to business sales, APS uses an econometric model relating monthly commercial and industrial class sales (excluding sales to large mining loads) to independent factors such as job growth (for Arizona excluding Pima County), office and retail building floor space additions (in metro-Phoenix only), the real price of electricity and weather effects. Historical job growth data is defined as non-farm payroll employment as published by DES in concert with the U.S. Bureau of Labor Statistics ("BLS"). Job growth has been used by APS for many

years to forecast sales to business customers. The job growth data have certain advantages: it is the single best measure of economic activity available (meaning that it is published on a timely basis and, relative to other available measures, has generally smaller revisions to the previously published data); it has sufficient detail to allow us to exclude the effects of economic activity in Tucson Electric Power's ("TEP") service territory; and, it contains industry detail that could potentially help explain changes in energy intensity trends over time. Furthermore, the use of historical and projected labor force participation rates by age and sex allow for a consistency tie between the population growth and age distribution assumptions driving residential customer growth and the job growth that should naturally correspond with this.

Since 1999, however, APS has relied almost exclusively on a model based more on floor stock additions. While overall job growth and floor space additions are both strongly correlated over time with non-residential sales, the floor space projections can be prepared to account for significant changes in non-residential market share between APS and SRP in metro-Phoenix. Job growth projections cannot. Our near-term floor space projections are driven in large part by detailed commercial building construction activity available from the ASU Real Estate Center. In 1999 and 2000, APS and SRP experienced trends in metro-Phoenix commercial building construction activity that deviated significantly from the historical share that each has received from that activity. Specifically, APS received 62% of the new construction market in 1999 compared to the historical average of 50%, and it was the location of these construction projects that led to the significant increase in business customer sales in 1999 and 2000. While the floor space data has imperfections as well – coverage is only for metro-Phoenix,

it excludes many building types such as manufacturing, warehouse, and hospital facilities, and it covers only the leased portion of the commercial real estate market – its advantages make it superior, at the moment, to using job growth as the main proxy for business customer electricity demand growth.

As shown in Schedule PME-3, business sales in 2001 actually declined in response to the slowing economy. In particular, office vacancy rates in metro-Phoenix have climbed to almost 18% and manufacturing activity has declined substantially over the past year and a half. APS expects sales growth in 2003 and 2004 to increase at rates consistent with those of the late 1990s as the economy continues its gradual recovery. This should mean that office vacancy rates should start declining as absorption turns positive and exceeds new supply and as the manufacturing sector begins to recover. Initial signs are that manufacturing job growth in metro Phoenix has stabilized and may start increasing in the 4th quarter of 2002 or 1st quarter of 2003. Significant uncertainty remains, though, as to the health of this sector and its relative strength going forward.

Q. HOW ACCURATE HAVE APS LOAD AND ENERGY FORECASTS BEEN OVER TIME?

A. I have just described some trends in electricity consumption that make forecasting an inherently imprecise exercise. Now, I would like to expand a bit on the broader accuracy question. Schedule PME-6 shows the relative accuracy of retail energy and peak demand forecasts going back to 1993, measured by mean absolute percent error, by the time horizon being compared against. This table demonstrates that the forecasting accuracy is good, but as one would expect, the level of accuracy declines the farther out into the future one is

forecasting. For example, retail energy sales projections one year ahead have missed on average by plus or minus 1.6% for the last 5 years. In contrast, 5-year ahead forecasts – starting with the 1992 forecast for 1997 and ending with the 1996 forecast for 2001 – show an average error rate of 10.3%. A similar result is apparent for projections of retail peak demand, although the error rates are somewhat higher (reflecting the obviously more difficult task of predicting the single highest demand hour each year compared to the total amount of energy required). The individual forecasts used to calculate these error rates are shown in Schedule PME-7.

Q. DOES THIS MEAN WE SHOULD NOT RELY ON FORECASTS?

A. No. But these comparisons highlight the difficulty forecasters face in attempting to achieve a high degree of accuracy far out into the future and correspondingly stress the need for continual adjustment and updating of the forecasts as new information becomes available. Forecasts from the early 1990s were certainly influenced by the slow pace of the economic recovery coming out of the 1990-91 recession and the uncertainty of how strong population migration would turn out to be and what kinds of jobs would be created in the coming decade. Importantly, the DES population estimates, which were relied on to establish the overall trends in population migration and job growth, proved to be terribly inaccurate through 1995. This was only discovered through the results of a special census for Maricopa County in 1995, which census was published in 1996. The result was that DES had underestimated the population growth in metro-Phoenix by 60%, or by some 117,000 people between 1990 and 1995. During this same time, many forecasters, including those at APS, were concerned that the housing growth that had been observed in the prior several

years was far more than could be supported by the underlying population growth estimated by DES. We therefore expected that a retrenchment of growth would emerge in the then-near future. Of course, hindsight has shown that this was not the case.

In addition, some of the major investment projects that occurred in metro-Phoenix during the mid-1990s, including the $1 billion expansion of Intel's manufacturing facility in Chandler, the construction of the $350 million Bank One Ballpark, the expansion of the Mayo Clinic facilities and other major projects, had a substantial impact on construction and manufacturing jobs. These in turn ultimately affected income growth and population migration in both the APS and SRP service areas in ways that exceeded the expectations for economic growth at the time the forecasts were prepared and are the type of events that are very difficult to predict more than just a few years ahead.

APS also faces the additional uncertainty of whether retail access will emerge as a significant factor. Although many indicators suggest that the most likely impact will be small, nobody can predict how conditions might change such that a significant retail access market emerges, thus significantly impacting both future load forecasts and the difficulty in accurately making such forecasts. An important consideration with respect to the current forecast is that we have made no adjustment to account for any potential retail access amount. That is, we have not reduced our forecast of peak demand and energy by one MW or one MWH in the expectation that we might lose standard offer customers to competitive retail energy service providers.

Aside from even these influences, the peak demand forecasts also suffer from further uncertainty because the conversion from forecasts of energy sales to class coincident peak contributions is dependent on a reconciliation of each year's system peak with the results from a randomly drawn statistical sample of retail customers. The load factors that have resulted from the class coincident peak contributions have historically been volatile. On top of this volatility is added volatility from the estimate of system losses at the time of the system peak. System loss rates coincident with the system peak are based on historical observation on the EHV system, engineering estimates of distribution level losses, and a remaining "plug" amount that captures any remaining difference between the class-level estimates and the overall system demand. This final "plug" amount contains any estimation errors from the estimate of distribution losses, sampling error from the class-level demand estimates, Company use at the time of the system peak and power theft at the time of the system peak. Schedule PME-8 shows how these rates have changed, by component, over time. What should be apparent from these descriptions is just how difficult it is to accurately forecast such unknowns, with the conclusion that, at best, a forecast can pick a middle-of-the-road expected value and recognize that actual results will most likely be somewhat different.

A final consideration in assessing the overall forecast accuracy is that the forecasts through 1998 also included an expectation that Commission-authorized demand-side management ("DSM") programs would continue to be a major restraining factor in the growth of retail energy needs. Since then, funding for such DSM has been redirected to the EPS.

This discussion should serve to highlight some of the key uncertainties residing in the current forecast and how those uncertainties loom larger the farther out in time a forecast attempts to reach. One of the main issues that confronts forecasters today is the question of whether the economic growth experienced in the 1990s will be repeated, or even exceeded, in the next 10 years. We simply can't say for sure whether it will or will not, even though our expected growth rates are fairly comparable to those experienced in the past.

IV. RESERVES

Q. HOW DID YOU CALCULATE THE RESERVE REQUIREMENT?

A. The reserve margin is calculated using a 15% reserve margin on APS generating capacity and unit contingent purchases. This reserve margin is consistent with the levels we have used in the recent past. Setting planned reserves at 15% actually provides a higher capacity requirement than the 12% level that FERC defaults to in its Standard Market Design NOPR. A 15% reserve margin is also consistent with the range of 13% to 17% included in the Public Service of Colorado 2001 IRP filing, which was cited favorably by some participants in the Track B workshops held by the Commission over the summer. As a practical matter, though, the reserve margin has no impact on the amount of unmet energy needs. And increasing this number reduces the overall capacity factor on the competitively procured portion of APS's needs.

The applicability of the reserve margin only to our own generating assets is consistent with our past purchasing practice where all of our reliability purchases have been executed on a firm basis where the seller of such service carries the associated reserves. Typically, the Company's optimal dispatch

projections explicitly assume that purchases are for firm delivery as prices for those products are the only ones readily observable in the market.

V. APS RESOURCES

Q. HOW DID YOU DETERMINE APS CAPACITY AND ENERGY RESOURCES FOR PURPOSES OF THE DETERMINATION OF UNMET NEED?

A. The physical capability of the APS resources for capacity purposes is calculated by using the net accredited capacity of each unit less any seasonal de-ratings that would apply at summer peak times. These amounts are shown in Schedule PME-9. With respect to our generating capacity, several small changes can be observed over the period 2003 through 2007. The first is that we are and have been committed to replace the steam generators at each of the Palo Verde units. These replacements were planned and equipment ordered years ago. They are scheduled to take place in extended outages in the Fall of 2003 (Unit 2), the Fall of 2005 (Unit 1), and the Fall of 2007 (Unit 3) and will have the effect of restoring the design capacity of each of the units by roughly 26 MW. The second item is the planned retirement of the Childs/Irving hydro facilities at the end of 2004 under an agreement that APS has reached with several environmental groups. This is in addition to placing in cold reserve the older West Phoenix steam units 4 and 6, which units are not reflected in the 2003 through 2012 figures. These units could, however, be reactivated at some future date should they become necessary for reliability purposes.

For determining unmet energy, we have calculated the output of each unit to the extent that it could meet APS's hourly load forecast, but have also reduced that output for expected planned and forced outages and other important operating

characteristics limiting output such as ramp rates and minimum loading levels. The planned outages include the longer outages for the Palo Verde units in 2003, 2005 and 2007 when their steam generators are being replaced. The 10-year planned maintenance schedule is shown in Schedule PME-10. Schedule PME-11 shows the projected forced outage rates used in these calculations along with the historical forced outage rates for the past ten years for each unit. As was the case in the load forecast, the assumptions we have used here are consistent with the assumptions we have used in developing the Company's operating plans and that have been shared with other outside parties, including plant co-owners, to address important business issues.

The capability of the eligible purchased power contracts to serve APS retail load is treated similarly to that of the generating assets, and their summer capacity is also included in Schedule PME-9. From the Schedule, one can see that the capacity under the SRP Territorial and Contingent purchase increases by about 8 MW per year in keeping with a formula specified in that particular contract. Capacity factor limitations apply to and have been modeled for the diversity exchange contract with Pacificorp. Additionally, 125 MW of forward reliability purchases from non-affiliated parties for firm 100% capacity factor on-peak capacity and energy are included for 2003. Originally, all four of such contracts were executed in March 2000. However, one of them, a 25 MW deal with Enron, had to be replaced in 2001 when Enron collapsed.

Q. CAN YOU DESCRIBE WHY THE APS UNIT AND LONG-TERM CONTRACT ENERGY AMOUNTS IN SCHEDULE PME-1 ARE DIFFERENT FROM APS'S RESPONSE TO STAFF'S DATA REQUEST DATED OCTOBER 22, 2002?

A. Yes. Although each of the amounts has been adjusted, the adjustments are generally fairly minor and do not materially affect the amount of unmet energy needs APS has calculated. The largest change in the early years relates to a purchase contract for 2003 that was inadvertently classified as a reliability purchase and therefore counted against the unmet energy needs in that year. (APS has made forward purchases for 2003 beyond the reliability purchases itemized in Response to Staff's Data Request dated October 22, 2002. These purchases are in place primarily to protect the Company against rising prices during the summer of 2003 and during the extended Palo Verde outage in the fall of 2003.) Other changes are driven by an apparent double-count of certain solar and renewable energy amounts, but these changes are quite small.

Q. WHAT ADJUSTMENTS DID YOU MAKE TO THE NEEDS ASSESSMENT TO ACCOUNT FOR RMR GENERATION?

A. The calculation for RMR generation from other than APS generating facilities relies on the current estimate of 3,535 MW of APS transmission import capability into the metropolitan Phoenix area plus the use of the 660 MW of APS's local generation. The capability for the local generation can be seen in Schedule PME-9. The specific units counted as local generation are West Phoenix combined cycle units 1-3, Ocotillo steam units 1 and 2, Ocotillo combustion turbine units 1 and 2, and West Phoenix combustion turbine units 1 and 2. Forecasted demand in the metro-Phoenix area is a calculated number. APS also carries reserves of 110 MW for the single largest APS generation hazard inside the constrained area. The relationship between the metro-Phoenix demand and the total system demand can be seen in Schedule PME-12. APS believes this amount of its unmet needs should be identified and addressed

separately in the overall procurement plan because of the unique delivery issues associated with such needs.

Q. WHAT FACTORS AFFECT THE CALCULATION OF RMR NEEDS?

A. The amount of APS generation will remain constant unless and until APS retires units within the transmission constraint, as was the case when we placed the old West Phoenix steam units into cold reserve. What can and will vary over time are the calculation of forecasted metro-Phoenix load, the single largest hazard, and Valley transmission import capacity.

Q. WHAT IS YOUR RECOMMENDATION ON THE FINAL DETERMINATION OF RMR?

A. In response to the Track A decision, APS is conducting an RMR study under Commission Staff supervision which is scheduled to be completed by January 2003. This study should address all of the above considerations. I propose using my RMR figures as placeholders until completion of the RMR study mandated by Decision No. 65154, which can then be included in the final bid package.

Q. WHAT IS THE FINAL ADJUSTMENT?

A. APS has reduced its level of unmet needs by including its current plan for grid-connected solar and renewable resources under the EPS requirements. The plan assumes that the EPS standard continues at its current funding levels. For purposes of calculating the unmet capacity and energy needs, APS has not counted any credits it has earned (for early installation, etc.) that might help it meet the standard, but included only the amount of real capacity and energy that we believe will be physically produced by these resources.

Q. DID NOT THE STAFF REPORT INDICATE THAT QF CONTRACTS WOULD BE NON-CONTESTIBLE?

A. Yes, and APS has a QF contract for at least 25 MW of capacity. APS is not subtracting this amount because capacity and energy are provided at the customer's discretion and would not necessarily be available to meet either our peak capacity or annual energy demands. It does seem appropriate that any future agreements with QFs should be subject to whatever procurement process is determined to be appropriate by the Commission in Track B, which I believe was a consensus position during the Track B workshops.

VI. ECONOMY ENERGY AND UNFORECAST NEEDS

Q. WILL APS ALSO BE ACQUIRING ENERGY FROM THE COMPETITIVE WHOLESALE MARKET ON AN ECONOMIC BASIS IN ADDITION TO ITS FORECASTED UNMET NEEDS?

A. Using a relatively current forward curve for power and natural gas prices, APS would expect to make economic purchases that displace production from its existing generation assets and the SRP T&C contract. These amounts are shown in Schedule PME-13. However, these purchase amounts are quite sensitive to movements in the spread between power and natural gas prices (the so-called "spark spread"). Schedule PME-13 also shows that a relatively mild increase or decrease of 10% in the spark spread will affect the amount of economic purchases in 2003 by -16% and +20%, respectively. Although not within the definition of unmet needs in the Staff Report, Mr. Carlson will discuss procurement of economy energy and other unforecasted short-term energy (and demand) needs in his testimony.

Q. WHAT ABOUT UNANTICIPATED RELIABILITY NEEDS NOT SHOWN IN YOUR NEEDS ASSESSMENT?

A. Almost certainly such unforecasted needs will exist, and it is the main reason that resource plans include a planning reserve margin. Unanticipated outages,

the extension or rescheduling of planned outages, unusually hot weather, etc., can all require additional purchases to be made. This is discussed at page 4 of the Staff Report, lines 25 – 27. Mr. Carlson also addresses these secondary procurements in his testimony.

VII. CONCLUSION

Q. DO YOU HAVE ANY CONCLUDING REMARKS?

A. Yes. Although load and energy forecasting is as much art as science, APS takes great pains to produce as accurate a forecast as possible. Critical business and financial decisions are made in reliance on that forecast. As to the other portions of my needs assessment, I have tried to follow the basic formula set forth in the Staff Report, which the Company believes is consistent with the Commission's order in Decision No. 65154.

Q. DOES THAT CONCLUDE YOUR PREFILED DIRECT TESTIMONY IN THIS PROCEEDING?

A. Yes, it does.

SCHEDULE PME-1
APS Projected Unmet Capacity and Energy Needs
2003 - 2012

Capacity (MW)	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total standard offer load [1]	5,723	6,023	6,269	6,522	6,787	7,064	7,357	7,667	7,914	8,127
+ 15% reserve margin [2]	598	602	602	606	606	609	609	609	609	609
- Physical capability of APS units [3]	(3,927)	(3,953)	(3,949)	(3,975)	(3,975)	(4,001)	(4,001)	(4,001)	(4,001)	(4,001)
- Full capability of purchase contracts [4]	(955)	(837)	(844)	(852)	(860)	(868)	(876)	(884)	(893)	(902)
- RMR generation from non-APS units [5]	(29)	(184)	(338)	(493)	(647)	(802)	(956)	(1,111)	(1,265)	(1,426)
- Planned renewable energy supply under EPS [6]	(9)	(17)	(23)	(29)	(34)	(46)	(56)	(70)	(79)	(89)
= Net unmet reliability needs [7]	1,401	1,634	1,717	1,779	1,877	1,956	2,077	2,210	2,285	2,318

Energy (GWH)	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Total standard offer load [1]	26,494	27,841	28,999	30,178	31,388	32,670	33,983	35,305	36,425	37,531
- Physical capability of APS units [3]	(24,016)	(25,242)	(25,663)	(26,496)	(26,941)	(28,179)	(28,707)	(29,182)	(29,567)	(29,931)
- Full capability of purchase contracts [4]	(1,798)	(1,672)	(1,986)	(2,044)	(2,281)	(2,140)	(2,358)	(2,551)	(2,719)	(2,870)
- RMR generation from non-APS units [5]	(0)	(2)	(8)	(27)	(72)	(141)	(248)	(398)	(540)	(705)
- Planned renewable energy supply under EPS [6]	(41)	(85)	(114)	(142)	(154)	(197)	(221)	(267)	(290)	(312)
= Net unmet reliability needs [7]	639	840	1,228	1,469	1,940	2,013	2,449	2,907	3,309	3,713

[1] Standard offer load includes all retail customer energy and coincident peak demands plus APS wholesale contracts served by APS resources from Oct 2002 budget projections. Under Staff's proposal, this calculation would be updated prior to any actual procurement.

[2] Reserve margin is calculated on APS generation and known contingent purchases only.

[3] Includes the production from all rate-based APS generation units subject to standard planned and forced outage assumptions.

[4] Includes firm purchase contracts entered into prior to September 1, 2002.

[5] RMR generation assumes a Valley import limit of 3,535 MW, 660 MW of local APS generation, and 110 MW of required reserves. To the extent that bidders can demonstrate higher import capability or import capability is increased, RMR would be reduced, all else remaining the same. The present import limit of 3,535 MW assumes timely completion of the Southwest Valley line and also uses its most recent (and higher) capacity rating.

[6] Includes solar and renewable resource additions planned each year under current funding levels. To the extent the Commission approves higher funding levels, capacity and energy under EPS will increase.

[7] Energy figures do not include economy purchases, which as noted in Schedule PME-13 would add some 3,700 gwh in 2003 (and more in subsequent years) assuming present forecasts of gas and power costs.

SCHEDULE PME-2
Annual System Energy and Peak Demand

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
ENERGY BY CLASS OF CUSTOMER										
1. RESIDENTIAL mWh	10,934,903	11,534,451	12,077,288	12,631,134	13,135,134	13,639,135	14,153,175	14,701,351	15,084,873	15,476,427
2. COMMERCIAL & INDUSTRIAL mWh	13,459,066	14,113,291	14,646,156	15,188,184	15,809,596	16,497,394	17,204,130	17,885,076	18,543,216	19,180,129
3. IRRIGATION mWh	34,781	33,531	32,374	31,229	30,128	29,079	28,050	27,078	26,126	25,215
4. STREETLIGHTING mWh	108,247	112,469	116,639	120,777	124,906	129,024	133,135	137,245	140,661	144,076
5. APS WHOLESALE mWh	204,950	206,868	208,936	211,026	213,136	215,267	217,420	219,594	221,790	224,008
6. LOSSES mWh	1,751,730	1,840,843	1,917,363	1,995,310	2,075,353	2,160,101	2,246,902	2,334,300	2,408,380	2,481,530
8. APS OWN LOAD Total mWh	26,493,677	27,841,453	28,998,756	30,177,660	31,388,254	32,670,000	33,982,813	35,304,645	36,425,046	37,531,386
PEAK DEMAND BY CLASS OF CUSTOMER										
1. RESIDENTIAL mW	2,599	2,743	2,874	3,007	3,127	3,247	3,370	3,500	3,591	3,685
2. COMMERCIAL & INDUSTRIAL mW	2,483	2,578	2,704	2,792	2,909	3,036	3,174	3,320	3,448	3,545
3. IRRIGATION mW	8	8	7	7	6	6	6	6	6	5
4. STREETLIGHTING mW	-	-	-	-	-	-	-	-	-	-
5. APS WHOLESALE mW	7	7	7	7	7	7	8	8	8	8
6. LOSSES mW	626	687	677	709	737	767	800	834	862	885
8. APS OWN LOAD Total mW	5,723	6,023	6,269	6,522	6,787	7,064	7,357	7,667	7,914	8,127

SCHEDULE PME-3
Annual Energy Growth Rates

ENERGY GROWTH HISTORY	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	Average 93 TO 97	Average 98 TO 02	Average 92 TO 02
1. RESIDENTIAL	2.7%	5.2%	3.5%	5.7%	6.5%	4.3%	5.7%	6.5%	8.5%	1.7%	6.3%	5.1%	5.7%	5.4%
2. COMMERCIAL & INDUSTRIAL	0.9%	3.6%	3.9%	3.9%	4.9%	3.4%	3.7%	4.3%	11.9%	-1.3%	3.4%	3.9%	4.3%	4.1%
3. MINING LOADS	5.6%	-0.7%	-0.2%	2.2%	0.2%	1.4%	7.0%	-30.3%	-35.6%	-3.1%	-39.5%	0.6%	-22.4%	-11.7%
4. IRRIGATION	-26.0%	-5.6%	18.3%	-9.6%	1.8%	-7.7%	-24.9%	18.1%	-12.8%	-67.0%	13.8%	-1.1%	-21.9%	-12.1%
5. STREETLIGHTING	3.1%	1.8%	2.2%	2.1%	7.5%	2.0%	5.4%	3.8%	3.6%	2.0%	5.3%	3.1%	4.0%	3.6%
6. APS WHOLESALE	-1.3%	-46.9%	3.5%	-21.2%	-10.9%	-13.2%	-29.3%	-2.8%	42.7%	-14.3%	-22.3%	-19.6%	-8.2%	-14.1%
7. RETAIL + APS WHOLESALE SALES	1.6%	1.6%	3.5%	3.8%	4.9%	3.3%	4.2%	2.4%	8.0%	-0.5%	3.1%	3.4%	3.4%	3.4%

ENERGY GROWTH FORECAST	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Average 03 TO 07	Average 08 to 12	Average 03 to 12
1. RESIDENTIAL	6.4%	5.5%	4.7%	4.6%	4.0%	3.8%	3.8%	3.9%	2.6%	2.6%	5.0%	3.3%	4.2%
2. COMMERCIAL & INDUSTRIAL	5.6%	5.0%	3.9%	3.8%	4.2%	4.5%	4.4%	4.1%	3.8%	3.5%	4.5%	4.0%	4.3%
3. MINING LOADS	-8.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-1.7%	0.0%	-0.8%
4. IRRIGATION	6.4%	-3.6%	-3.5%	-3.5%	-3.5%	-3.5%	-3.5%	-3.5%	-3.5%	-3.5%	-1.6%	-3.5%	-2.6%
5. STREETLIGHTING	3.2%	3.9%	3.7%	3.5%	3.4%	3.3%	3.2%	3.1%	2.5%	2.4%	3.6%	2.9%	3.2%
6. APS WHOLESALE	33.1%	0.9%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	6.7%	1.0%	3.8%
7. RETAIL + APS WHOLESALE SALES	5.9%	5.1%	4.2%	4.1%	4.0%	4.1%	4.0%	3.9%	3.2%	3.0%	4.6%	3.6%	4.1%

Schedule PME-4

History and Forecast of Key Economic Indicators

	Population (in thousands)		Payroll Employment (in thousands)				Floorspace (Maricopa County)			
							Office		Retail	
	Arizona	Maricopa	Maricopa County		Arizona		Sq. ft. (000s)	% Change	Sq. ft. (000s)	% Change
1992	3,955	2,287	990	1.2%	1,517	1.7%	38,280	0.0%	70,333	3.4%
1993	4,072	2,355	1,036	4.6%	1,584	4.4%	38,280	0.0%	71,379	1.5%
1994	4,214	2,444	1,106	6.8%	1,692	6.8%	38,280	0.0%	73,801	3.4%
1995	4,379	2,551	1,189	7.4%	1,796	6.1%	38,280	0.0%	75,634	2.5%
1996	4,545	2,664	1,273	7.0%	1,892	5.4%	38,306	0.1%	78,136	3.3%
1997	4,707	2,779	1,344	5.6%	1,985	4.9%	39,152	2.2%	82,115	5.1%
1998	4,864	2,890	1,419	5.6%	2,075	4.5%	39,967	2.1%	85,621	4.3%
1999	5,017	2,995	1,487	4.8%	2,163	4.3%	44,830	12.2%	88,547	3.4%
2000	5,169	3,097	1,541	3.6%	2,243	3.7%	47,519	6.0%	91,489	3.3%
2001	5,324	3,196	1,557	1.1%	2,266	1.0%	51,418	8.2%	96,875	5.9%
2002	5,479	3,300	1,557	0.0%	2,271	0.2%	54,218	5.4%	98,375	1.5%
2003	5,634	3,404	1,619	4.0%	2,357	3.8%	54,618	0.7%	101,375	3.0%
2004	5,790	3,509	1,707	5.4%	2,476	5.0%	55,018	0.7%	103,875	2.5%
2005	5,947	3,614	1,799	5.4%	2,599	5.0%	56,718	3.1%	107,572	3.6%
2006	6,105	3,720	1,878	4.4%	2,703	4.0%	59,681	5.2%	112,951	5.0%
2007	6,263	3,826	1,959	4.3%	2,807	3.9%	62,390	4.5%	117,831	4.3%
2008	6,420	3,932	2,017	3.0%	2,884	2.8%	65,163	4.4%	122,816	4.2%
2009	6,577	4,038	2,076	2.9%	2,962	2.7%	68,028	4.4%	127,956	4.2%
2010	6,735	4,145	2,128	2.5%	3,033	2.4%	70,527	3.7%	132,793	3.8%
2011	6,893	4,252	2,189	2.9%	3,114	2.7%	73,351	4.0%	137,214	3.3%
2012	7,051	4,359	2,244	2.5%	3,185	2.3%	76,021	3.6%	141,290	3.0%

SCHEDULE PME-5
APS RESIDENTIAL CUSTOMER
MAJOR APPLIANCE OWNERSHIP
By Area

Estimates [3] for All Existing Customers Across All Dwelling Types	DESERT AREA [1]	HIGH COUNTRY [2]
COOLING		
A/C or Heat Pump Only	86%	29%
Evaporative Only	7%	35%
Combination	5%	2%
Other (window/wall units, gaspack)	2%	6%
None	0%	28%
HEATING		
Electric	67%	28%
Natural Gas	29%	47%
Propane	2%	15%
Other	1%	10%
None	1%	0%
WATER HEATING		
Electric	56%	29%
Natural Gas	41%	55%
Propane	2%	15%
Solar	1%	1%
CLOTHES DRYING		
Electric	72%	61%
Natural Gas	15%	21%
Propane	0%	5%
None	13%	13%
RANGE/OVEN		
Electric	78%	45%
Natural Gas	20%	38%
Propane	2%	16%
None	0%	1%
OTHER ELECTRIC EQUIPMENT		
Refrigerator	100%	100%
Swimming Pool	18%	1%
Spa	7%	7%
Microwave Oven	97%	96%
Dishwasher	82%	61%
Clothes Washer	91%	90%
Home Computer	69%	60%
Freezer	26%	44%
Color Television	99%	98%
Cable TV / Sat. Dish	44%	46%
VCR	94%	95%
Home Stereo Syst.	74%	73%
DVD Player	25%	18%
Printer	59%	51%

NOTES:

(1) Desert Area defined as Phoenix, Yuma, Casa Grande, Eloy, Coolidge, Gila Bend, Wickenburg, and surrounding areas.

(2) High Country defined as Prescott, Sedona, Flagstaff, Winslow, Payson, Globe, Bisbee, Douglas and surrounding areas

(3) Estimates made from surveying a sample of 3,000 randomly selected APS residential customers.

Sample stratified by Area and Age of Dwelling. Survey conducted in May of 2001.

Schedule PME-6
Accuracy of Peak Demand and Energy Forecasts

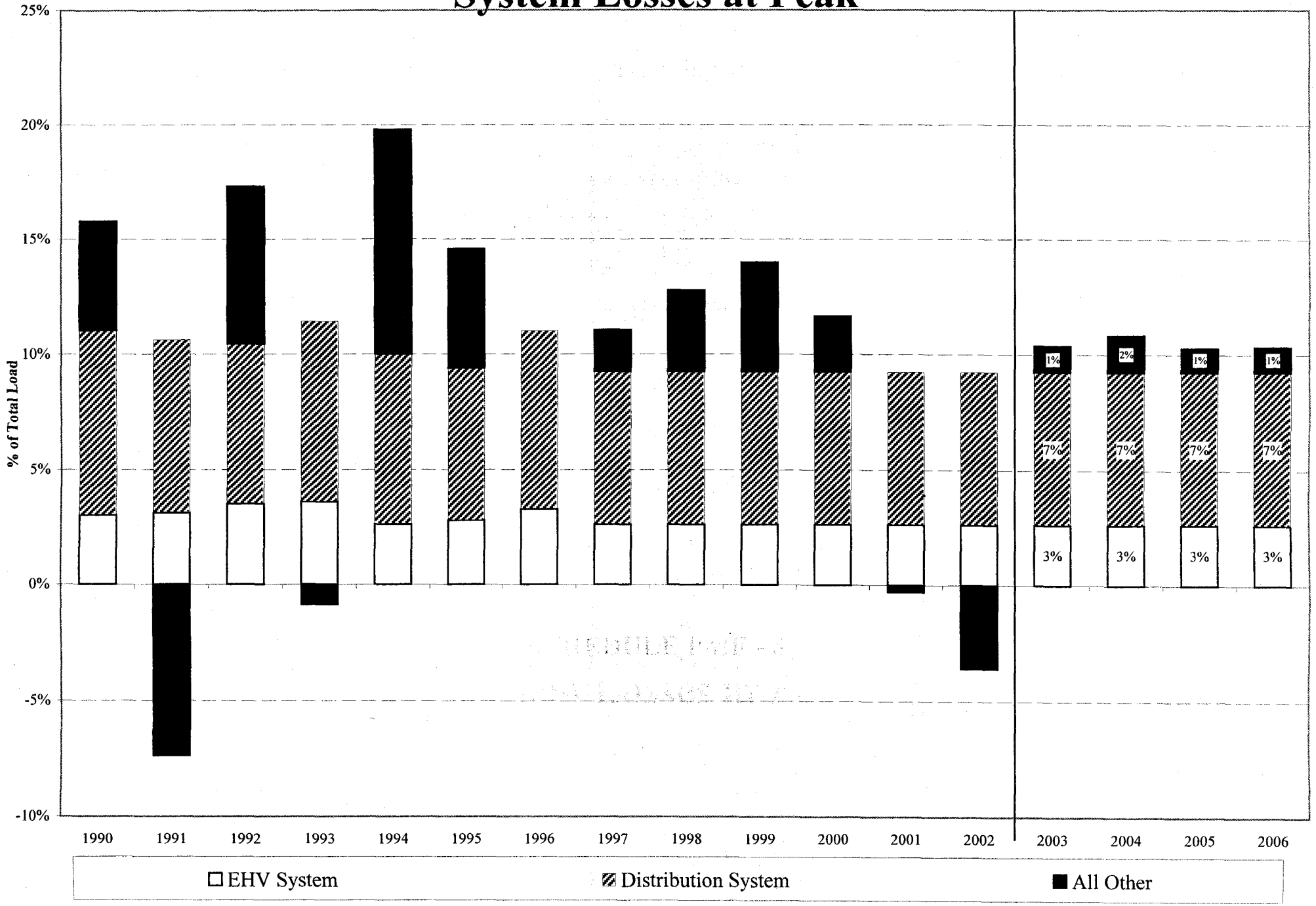
Years Projected Ahead	Mean Absolute Percent Error: Retail Energy Sales	Mean Absolute Percent Error: Retail Peak Demand
1	1.6%	3.1%
2	2.5%	4.6%
3	4.5%	7.2%
4	8.3%	14.7%
5	10.3%	18.1%

Schedule PME-7
Forecasts of Retail Customer Peak Demands and Energy Sales
By Date of Forecast

Forecast / Date	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002
Annual Retail Peak Forecasted Demand (MW)											
Jan 1992	3,465	3,561	3,650	3,786	3,879	3,978	4,051	4,116	4,189	4,266	4,341
Feb 1993		3,565	3,657	3,792	3,843	3,895	3,980	4,067	4,135	4,210	4,281
Oct 1993			3,705	3,791	3,804						
Feb 1994			3,705	3,791	3,804	3,884	3,946	4,026	4,103	4,178	4,258
Oct 1994				3,833	3,924	4,001					
Jun 1995				3,833	3,924	4,001	4,128	4,259	4,388	4,497	4,612
Oct 1995					4,005	4,085	4,158				
May 1996					4,005	4,085	4,158	4,223	4,340	4,447	4,556
Oct 1996						4,207	4,296	4,372			
Feb 1997						4,200	4,268	4,344	4,478	4,627	4,769
Oct 1997							4,488	4,664	4,831		
Feb 1998							4,488	4,664	4,831	4,987	5,132
Oct 1998								4,778	4,938	5,113	
Apr 1999								4,835	5,010	5,195	5,322
Oct 1999									5,048	5,260	5,417
Apr 2000									5,091	5,361	5,597
Oct 2000										5,480	5,699
Apr 2001										5,491	5,808
Oct 2001											5,610
Apr 2002											5,532
Actual Peak Demand (MW)	3,796	3,802	4,214	4,420	4,575	4,609	5,072	4,935	5,479	5,687	5,803
Annual Retail Forecasted Sales (GWH)											
Jan 1992	16,005	16,599	17,171	17,874	18,476	18,910	19,319	19,710	20,145	20,588	
Feb 1993		16,505	17,020	17,762	17,974	18,203	18,566	19,047	19,425	19,836	
Oct 1993			17,117	17,720	17,694						
Feb 1994			17,021	17,536	17,975	17,545	18,097	18,144	18,470	18,887	
Oct 1994				17,926	17,975	17,545					
Jun 1995				17,926	18,505	18,831	19,332	19,602	20,058	20,048	
Oct 1995					18,730	19,374	19,957				
May 1996					18,699	19,382	19,972	20,542	21,161	21,710	
Oct 1996						19,500	20,237	20,922			
Feb 1997						19,514	20,196	20,828	21,467	22,181	
Oct 1997							20,382	21,172	21,953		
Feb 1998							20,382	21,172	21,953	22,645	
Oct 1998								21,110	21,846	22,610	
Apr 1999								21,110	21,846	22,610	
Oct 1999									21,286	22,157	
Apr 2000									21,460	22,598	
Oct 2000										23,365	
Apr 2001										23,276	
Actual Retail Sales (GWH)	16,035	16,365	17,465	17,749	19,021	19,817	20,463	21,075	22,535	23,399	

SCHEDULE PME - 8

System Losses at Peak



SCHEDULE PME-9
SEASONAL CAPACITY BY RESOURCE

	Summer Capacity (MW)										
Unit	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Palo Verde 1	362	362	362	362	388	388	388	388	388	388	388
Palo Verde 2	362	362	388	388	388	388	388	388	388	388	388
Palo Verde 3	363	363	363	363	363	363	389	389	389	389	389
Four Corners 1	170	170	170	170	170	170	170	170	170	170	170
Four Corners 2	170	170	170	170	170	170	170	170	170	170	170
Four Corners 3	220	220	220	220	220	220	220	220	220	220	220
Four Corners 4	111	111	111	111	111	111	111	111	111	111	111
Four Corners 5	111	111	111	111	111	111	111	111	111	111	111
Navajo 1	105	105	105	105	105	105	105	105	105	105	105
Navajo 2	105	105	105	105	105	105	105	105	105	105	105
Navajo 3	105	105	105	105	105	105	105	105	105	105	105
Cholla 1	110	110	110	110	110	110	110	110	110	110	110
Cholla 2	245	245	245	245	245	245	245	245	245	245	245
Cholla 3	260	260	260	260	260	260	260	260	260	260	260
W. Phx. CC 1	80	80	80	80	80	80	80	80	80	80	80
W. Phx. CC 2	80	80	80	80	80	80	80	80	80	80	80
W. Phx. CC 3	80	80	80	80	80	80	80	80	80	80	80
Ocotillo Steam 1	110	110	110	110	110	110	110	110	110	110	110
Ocotillo Steam 2	110	110	110	110	110	110	110	110	110	110	110
Saguaro Steam 1	110	110	110	110	110	110	110	110	110	110	110
Saguaro Steam 2	100	100	100	100	100	100	100	100	100	100	100
W. Phx CT 1	50	50	50	50	50	50	50	50	50	50	50
W. Phx CT 2	50	50	50	50	50	50	50	50	50	50	50
Ocotillo CT 1	50	50	50	50	50	50	50	50	50	50	50
Ocotillo CT 2	50	50	50	50	50	50	50	50	50	50	50
Saguaro CT 1	50	50	50	50	50	50	50	50	50	50	50
Saguaro CT 2	50	50	50	50	50	50	50	50	50	50	50
Yucca 1	18	18	18	18	18	18	18	18	18	18	18
Yucca 2	18	18	18	18	18	18	18	18	18	18	18
Yucca 3	52	52	52	52	52	52	52	52	52	52	52
Yucca 4	51	51	51	51	51	51	51	51	51	51	51
Douglas	15	15	15	15	15	15	15	15	15	15	15
Childs / Irving	4	4	4	-	-	-	-	-	-	-	-
APS Gen Total	3,927	3,927	3,953	3,949	3,975	3,975	4,001	4,001	4,001	4,001	4,001
SRP T&C	343	350	357	364	372	380	388	396	404	413	422
Pacificorp Exchange	480	480	480	480	480	480	480	480	480	480	480
APS Resource Total	**4,750**	**4,757**	**4,790**	**4,793**	**4,827**	**4,835**	**4,869**	**4,877**	**4,885**	**4,894**	**4,903**

SCHEDULE PME-9
SEASONAL CAPACITY BY RESOURCE

	Winter Capacity (MW)										
Unit	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Palo Verde 1	362	362	362	362	388	388	388	388	388	388	388
Palo Verde 2	362	362	388	388	388	388	388	388	388	388	388
Palo Verde 3	363	363	363	363	363	363	389	389	389	389	389
Four Corners 1	170	170	170	170	170	170	170	170	170	170	170
Four Corners 2	170	170	170	170	170	170	170	170	170	170	170
Four Corners 3	220	220	220	220	220	220	220	220	220	220	220
Four Corners 4	111	111	111	111	111	111	111	111	111	111	111
Four Corners 5	111	111	111	111	111	111	111	111	111	111	111
Navajo 1	105	105	105	105	105	105	105	105	105	105	105
Navajo 2	105	105	105	105	105	105	105	105	105	105	105
Navajo 3	105	105	105	105	105	105	105	105	105	105	105
Cholla 1	110	110	110	110	110	110	110	110	110	110	110
Cholla 2	245	245	245	245	245	245	245	245	245	245	245
Cholla 3	260	260	260	260	260	260	260	260	260	260	260
W. Phx. CC 1	92	92	92	92	92	92	92	92	92	92	92
W. Phx. CC 2	92	92	92	92	92	92	92	92	92	92	92
W. Phx. CC 3	92	92	92	92	92	92	92	92	92	92	92
Ocotillo Steam 1	110	110	110	110	110	110	110	110	110	110	110
Ocotillo Steam 2	110	110	110	110	110	110	110	110	110	110	110
Saguaro Steam 1	110	110	110	110	110	110	110	110	110	110	110
Saguaro Steam 2	100	100	100	100	100	100	100	100	100	100	100
W. Phx CT 1	62	62	62	62	62	62	62	62	62	62	62
W. Phx CT 2	62	62	62	62	62	62	62	62	62	62	62
Ocotillo CT 1	62	62	62	62	62	62	62	62	62	62	62
Ocotillo CT 2	62	62	62	62	62	62	62	62	62	62	62
Saguaro CT 1	62	62	62	62	62	62	62	62	62	62	62
Saguaro CT 2	62	62	62	62	62	62	62	62	62	62	62
Yucca 1	22	22	22	22	22	22	22	22	22	22	22
Yucca 2	22	22	22	22	22	22	22	22	22	22	22
Yucca 3	62	62	62	62	62	62	62	62	62	62	62
Yucca 4	61	61	61	61	61	61	61	61	61	61	61
Douglas	19	19	19	19	19	19	19	19	19	19	19
Childs / Irving	4	4	-	-	-	-	-	-	-	-	-
APS Gen Total	4,067	4,067	4,089	4,089	4,115	4,115	4,141	4,141	4,141	4,141	4,141
SRP T&C	336	343	350	357	364	372	380	388	396	404	413
APS Resource Total	**4,403**	**4,410**	**4,439**	**4,446**	**4,479**	**4,487**	**4,521**	**4,529**	**4,537**	**4,545**	**4,554**

SCHEDULE PME-10

2003						PLANNED OUTAGE SCHEDULE				Month from Last O.H.	
PLANT	UNIT	O.H. TYPE	TOT. #DYS	ST/OT	CAPACITY	START	END	START	END	Last O/H	Months
PALO VERDE	1				362					11/02/02	14
	2	ST GEN REF	76		362			09/27/03	12/11/03	04/20/02	18
	3	REF	36		363	03/29/03	05/03/03			11/03/01	18
NAVAJO	1	MINOR	41		105	01/18/03	02/27/03			02/18/01	25
	2				105					02/24/02	23
	3	MAJOR	58		105	03/08/03	05/04/03			03/25/01	26
FOUR CORNERS	1				170					05/26/02	19
	2				170					04/04/01	33
	3	MAJOR	47		220	03/25/03	05/10/03			12/05/00	30
	4	Reliab Wash	14		111	02/01/03	02/14/03			04/04/01	23
	5	RELIAB.	14		111			11/29/03	12/12/03	03/29/02	21
CHOLLA	1				110					03/09/01	34
	2				245					05/18/02	20
	3	MINOR	36		260	02/15/03	03/22/03			04/02/00	36
WEST PHOENIX	CC1	Mini	7		85	03/01/03	03/07/03			04/25/02	21
	CC2	HGP	42		85			10/04/03	11/14/03	03/03/02	21
	CC3	Comb	28		85	03/29/03	04/25/03			12/13/02	4
	GT1	Mini	7		55	02/08/03	02/14/03			01/18/02	13
	GT2	Mini	7		55	01/25/03	01/31/03			01/18/02	13
OCOTILLO	1	MINOR	21		110	03/01/03	03/21/03			03/31/01	24
	2	MINOR			110					04/07/02	21
	GT1	Mini	7		55	04/19/03	04/25/03			02/01/02	15
	GT2	Mini	7		55	01/11/03	01/17/03			04/19/02	9
SAGUARO	1	MINOR	21		110	02/02/03	02/22/03			04/03/02	11
	2	MINOR	21		100			11/01/03	11/21/03	05/10/02	19
	GT1	Comb	35		55	03/02/03	04/05/03			04/25/01	24
	GT2	Mini	5		55	01/21/03	01/25/03			04/20/01	33
DOUGLAS	GT	Comb	28		16	05/01/03	05/28/03				
YUCCA	GT1				19					02/12/02	23
	GT2				19					03/02/02	22
	GT3				55					04/28/01	33
	GT4				54					05/05/02	20

SCHEDULE PME-10

2004						PLANNED OUTAGE SCHEDULE				Month from Last O.H	
PLANT	UNIT	O.H. TYPE	TOT. #DYS	ST/OT	CAPACITY	START	END	START	END	Last O/H	Months
PALO VERDE	1	REF	36		362	04/03/04	05/08/04			11/02/02	18
	2				362					12/11/03	13
	3	REF	36		363	10/02/04	11/06/04			05/03/03	18
NAVAJO	1				105					02/27/03	22
	2	MAJOR	58		105	01/31/04	03/28/04			02/24/02	25
	3				105					05/04/03	20
FOUR CORNERS	1				170					05/26/02	32
	2	MAJOR	44		170	03/27/04	05/09/04			04/04/01	38
	3				220					05/10/03	20
	4	MAJOR	70		111	01/03/04	03/12/04			02/14/03	13
	5				111					12/12/03	13
CHOLLA	1	MINOR	21		110	02/14/04	03/05/04			03/09/01	36
	2				245					05/18/02	32
	3	MINOR			260					03/22/03	22
WEST PHOENIX	CC1	Comb	28		85	03/27/04	04/23/04			04/25/02	24
	CC2	Mini	7		85	01/19/04	01/25/04			11/14/03	14
	CC3	Mini	7		85	02/20/04	02/26/04			04/25/03	21
	GT1	Mini	7		55	01/05/04	01/11/04			02/14/03	11
	GT2	Mini	7		55	02/02/04	02/08/04			01/31/03	12
OCOTILLO	1				110					03/21/03	22
	2	MINOR	21		110	10/30/04	11/19/04			04/07/02	32
	GT1	Comb	35		55	02/21/04	03/26/04			04/25/03	11
	GT2	Comb	35		55	01/03/04	02/06/04			01/17/03	13
SAGUARO	1	MINOR	21		110	01/24/04	02/13/04			02/22/03	12
	2	MINOR	21		100	11/29/04	12/19/04			11/21/03	13
	GT1	Mini	5		55	10/13/04	10/17/04			04/05/03	21
	GT2	Comb	35		55	03/26/04	04/29/04			04/20/01	37
DOUGLAS	GT	Mini	5		16	05/05/04	05/09/04			05/28/03	19
YUCCA	GT1	Mini	3		19	01/24/04	01/26/04			02/12/02	35
	GT2	Mini	3		19	02/09/04	02/11/04			03/02/02	35
	GT3	Comb	6		55	05/03/04	05/08/04			04/28/01	45
	GT4				54					05/05/02	32

SCHEDULE PME-10

2005 PLANNED OUTAGE SCHEDULE

PLANT	UNIT	O.H. TYPE	TOT. #DYS	ST/OT	CAPACITY	START	END	START	END	START	END	START	END	Month from Last O.H Last O/H	Months
PALO VERDE	1	ST GEN REF	76		363			10/01/05	12/15/05					05/08/04	18
	2	REF	36		363	04/02/05	05/07/05							12/11/03	17
	3				365									11/06/04	
NAVAJO	1	MAJOR	58		105	01/08/05	03/06/05							02/27/03	25
	2				105									03/28/04	
	3				105									05/04/03	
FOUR CORNERS	1	MAJOR	44		170	02/19/05	04/03/05							05/26/02	35
	2				170									05/09/04	
	3				220									05/10/03	
	4	RELIAB.	10		111	11/05/05	11/14/05							03/12/04	
	5	MINOR	18		111	04/11/05	04/28/05							12/12/03	17
CHOLLA	1				110									03/05/04	
	2	MAJOR	42		245	04/04/05	05/15/05							05/18/02	36
	3				260									03/22/03	
WEST PHOENIX	CC1	Mini	7		85	01/03/05	01/09/05							04/23/04	
	CC2	Comb	28		85			10/08/05	11/04/05					11/14/03	24
	CC3	MAJOR	84		85	01/15/05	04/08/05							04/25/03	24
	GT1	Mini	14		55	01/26/05	02/01/05	10/01/05	10/07/05					01/11/04	21
	GT2	Mini	14		55	04/09/05	04/15/05	12/10/05	12/16/05					02/08/04	23
OCOTILLO	1	MAJOR	58		113	02/26/05	04/24/05							03/21/03	26
	2				113									11/19/04	
	GT1	Mini	7		55	02/02/05	02/08/05							03/26/04	11
	GT2	Mini	7		55	04/30/05	05/06/05							02/06/04	15
SAGUARO	1	MINOR	35		110	02/14/05	03/20/05							02/13/04	13
	2	MINOR	21		100			10/24/05	11/13/05					12/19/04	11
	GT1	Gen Insp	35		55	03/28/05	05/01/05							04/05/03	25
	GT2	Mini	5		55	02/04/05	02/08/05							04/29/04	
DOUGLAS	GT	Mini	5		16	05/14/05	05/18/05							05/28/03	
YUCCA	GT1				19									02/12/02	
	GT2				19									03/02/02	
	GT3				55									04/28/01	
	GT4	Comb	6		54			10/17/05	10/22/05					05/05/02	

SCHEDULE PME-10

2006 PLANNED OUTAGE SCHEDULE

PLANT	UNIT	O.H. TYPE	TOT. #DYS	ST/OT	CAPACITY	START	END	START	END	START	END	START	END	Month from Last O.H Last O/H	Months
PALO VERDE	1				363									11/05/05	
	2	REF	36		363			09/30/06	11/04/06					05/07/05	18
	3	REF	36		365	04/01/06	05/06/06							11/06/04	18
NAVAJO	1				105									03/06/05	
	2				105									03/28/04	
	3	MAJOR	31		105	03/04/06	04/03/06							05/04/03	36
FOUR CORNERS	1	Reliabil.	8		170			11/11/06	11/18/06					04/03/05	
	2				170									05/09/04	
	3	MAJOR	57		220	01/28/06	03/25/06							05/10/03	35
	4				111									03/12/04	
	5	Reliabil.	9		111			10/28/06	11/05/06					04/28/05	
CHOLLA	1				110									03/05/04	
	2				245									05/15/05	
	3	MINOR	21		260	03/25/06	04/14/06							03/22/03	37
WEST PHOENIX	CC1	MAJOR	84		85	01/03/06	03/27/06							04/23/04	23
	CC2	Mini	7		85	04/03/06	04/09/06							11/04/05	
	CC3	Mini	7		85	04/15/06	04/21/06							04/08/05	
	GT1	Mini	7		55			11/29/06	12/05/06					10/07/05	14
	GT2				55									12/16/05	
OCOTILLO	1				113									04/24/05	
	2	MINOR	21		113			10/28/06	11/17/06					11/19/04	24
	GT1	Mini	7		55	04/22/06	04/28/06							02/08/05	15
	GT2	Mini	7		55	05/08/06	05/14/06							05/06/05	12
SAGUARO	1	MINOR	21		110	03/04/06	03/24/06							03/20/05	12
	2	MINOR	21		100			11/06/06	11/26/06					11/13/05	13
	GT1	Mini	5		55	05/06/06	05/10/06							05/01/05	
	GT2	Gen Insp	35		55	01/20/06	02/23/06							04/29/04	22
DOUGLAS	GT	Mini	5		16	05/17/06	05/21/06							05/28/03	
YUCCA	GT1				19									02/12/02	
	GT2				19									03/02/02	
	GT3				55									04/28/01	
	GT4	Mini	3		54	05/15/06	05/17/06							05/05/02	

SCHEDULE PME-10

2007 PLANNED OUTAGE SCHEDULE

PLANT	UNIT	O.H. TYPE	TOT. #DYS	ST/OT	CAPACITY	START	END	START	END	START	END	START	END	Month from Last O.H Last O/H	Months
PALO VERDE	1	REF	36		363	03/31/07	05/05/07							11/05/05	18
	2				363									11/04/06	
	3	ST GEN REF	76		365	09/29/07	12/13/07							05/06/06	18
NAVAJO	1				105									03/06/05	
	2	MAJOR	31		105	03/03/07	04/02/07							03/28/04	37
	3				105									04/03/06	
FOUR CORNERS	1				170									04/03/05	
	2	MAJOR	35		170	02/10/07	03/16/07							05/09/04	35
	3	Reliab	8		220			12/01/07	12/08/07					03/25/06	
	4	MINOR	18		111	04/28/07	05/15/07							03/12/04	39
	5				111									04/28/05	
CHOLLA	1	MAJOR	42		110	03/17/07	04/27/07							03/05/04	38
	2				245									05/15/05	
	3				260									04/14/06	
WEST PHOENIX	CC1	Mini	7		85	01/02/07	01/08/07							03/27/06	
	CC2	MAJOR	84		85	01/13/07	04/06/07							11/04/05	17
	CC3	Comb	28		85	04/14/07	05/11/07							04/08/05	25
	GT1				55									12/05/06	
	GT2	Mini	7		55	01/27/07	02/02/07							12/16/05	14
OCOTILLO	1	MINOR	21		113	03/03/07	03/23/07							04/24/05	23
	2				113									11/17/06	
	GT1	Mini	7		55	04/02/07	04/08/07							04/28/06	12
	GT2	Mini	7		55	05/08/07	05/14/07							05/14/06	12
SAGUARO	1	MINOR	21		110	03/01/07	03/21/07							03/24/06	12
	2	MINOR	21		100			11/17/07	12/07/07					11/26/06	13
	GT1	Mini	5		55	03/29/07	04/02/07							05/01/05	
	GT2	Mini	5		55	01/24/07	01/28/07							02/23/06	
DOUGLAS	GT	Gen Insp	35		16	04/14/07	05/18/07							05/28/03	48
YUCCA	GT1	Comb	6		19	01/15/07	01/20/07							02/12/02	
	GT2	Comb	6		19	02/05/07	02/10/07							03/02/02	
	GT3				55									04/28/01	
	GT4				54									05/05/02	

SCHEDULE PME-10

2008 PLANNED OUTAGE SCHEDULE

PLANT	UNIT	O.H. TYPE	TOT. #DYS	ST/OT	CAPACITY	START	END	START	END	START	END	START	END	Month from Last O.H Last O/H	Months
PALO VERDE	1	REF	36		362			10/04/08	11/08/08					05/05/07	18
	2	REF	36		362	03/29/08	05/03/08							11/04/06	18
	3				363									11/03/07	14
NAVAJO	1				105									03/06/05	47
	2	MAJOR	29		105	03/01/08	03/29/08							04/02/07	12
	3				105									04/03/06	33
FOUR CORNERS	1	MAJOR	35		170	04/26/08	05/30/08							04/03/05	38
	2	Reliab.	8		170			11/09/08	11/16/08					03/16/07	22
	3				220									03/25/06	34
	4		10		111			10/03/08	10/12/08					05/15/07	20
	5	MAJOR	89		111	01/19/08	04/16/08							04/28/05	36
CHOLLA	1				110									04/27/07	20
	2	MINOR	21		245	02/09/08	02/29/08							05/15/05	34
	3				260									04/14/06	33
WEST PHOENIX	CC1	HGP	28		85	01/05/08	02/01/08							03/27/06	23
	CC2	Mini	7		85	04/21/08	04/27/08							04/06/07	21
	CC3	Mini	7		85	04/08/08	04/14/08							05/11/07	20
	GT1	Mini	7		55	04/15/08	04/21/08							12/05/06	17
	GT2	Mini	7		55	03/01/08	03/07/08							02/02/07	13
OCOTILLO	1				110									03/23/07	22
	2	MINOR	21		110			11/01/08	11/21/08					11/17/06	25
	GT1	HGP	56		55	01/05/08	02/29/08							04/08/07	11
	GT2	HGP	56		55	03/24/08	05/18/08							05/14/07	12
SAGUARO	1	MINOR	21		110	01/19/08	02/08/08							03/21/07	11
	2	MINOR	21		100			11/01/08	11/21/08					12/07/07	12
	GT1	Mini	5		55	03/09/08	03/13/08							05/01/05	45
	GT2	Mini	5		55	03/28/08	04/01/08							02/23/06	35
DOUGLAS	GT	Mini	5		16	04/22/08	04/26/08							05/18/07	20
YUCCA	GT1				19									02/12/02	84
	GT2				19									03/02/02	83
	GT3	Mini	3		55			10/20/08	10/22/08					04/28/01	93
	GT4				54									05/05/02	81

SCHEDULE PME-10

2009 PLANNED OUTAGE SCHEDULE

PLANT	UNIT	O.H. TYPE	TOT. #DYS	ST/OT	CAPACITY	START	END	START	END	START	END	START	END	Month from Last O.H Last O/H	Months
PALO VERDE	1				363									11/08/08	
	2	REF	36		363			10/03/09	11/07/09					05/03/08	18
	3	REF	36		365	04/04/09	05/09/09							11/03/07	18
NAVAJO	1				105									03/06/05	
	2				105									03/29/08	
	3	MAJOR	59		105	01/02/09	03/01/09							04/03/06	35
FOUR CORNERS	1	Reliab.	8		170			11/14/09	11/21/09					05/30/08	
	2				170									03/16/07	
	3	MAJOR	36		220	02/19/09	03/26/09							03/25/06	37
	4				111									05/15/07	
	5	Reliab.	9		111			10/24/09	11/01/09					04/16/08	
CHOLLA	1				110									04/27/07	
	2				245									02/29/08	
	3	MAJOR	42		260	03/21/09	05/01/09							04/14/06	37
WEST PHOENIX	CC1	Mini	7		85	02/12/09	02/18/09							02/01/08	
	CC2	Comb	28		85			11/03/09	11/30/09					04/06/07	32
	CC3	Comb	28		85	01/10/09	02/06/09							05/11/07	21
	GT1	Comb	56		55	01/17/09	03/13/09							04/21/08	11
	GT2	Comb	56		55	03/07/09	05/01/09							03/07/08	14
OCOTILLO	1	MINOR	21		113	02/26/09	03/18/09							03/23/07	24
	2				113									11/21/08	
	GT1	Mini	7		55	02/02/09	02/08/09							02/29/08	12
	GT2	Mini	7		55	04/30/09	05/06/09							05/18/08	12
SAGUARO	1	MINOR	21		110	02/21/09	03/13/09							02/08/08	13
	2	MINOR	21		100			10/31/09	11/20/09					11/21/08	12
	GT1	Mini	5		55	04/04/09	04/08/09							05/01/05	
	GT2	Mini	5		55	02/04/09	02/08/09							02/23/06	
DOUGLAS	GT	Mini	5		16	05/14/09	05/18/09							05/18/07	
YUCCA	GT1				19									02/12/02	
	GT2				19									03/02/02	
	GT3				55									04/28/01	
	GT4				54									05/05/02	

SCHEDULE PME-10

2010 PLANNED OUTAGE SCHEDULE

PLANT	UNIT	O.H. TYPE	TOT. #DYS	ST/OT	CAPACITY	START	END	START	END	START	END	START	END	Month from Last O.H Last O/H	Months
PALO VERDE	1	REF	36		363	04/03/10	05/08/10							11/08/08	18
	2				363									11/07/09	
	3	REF	36		365			10/02/10	11/06/10					05/09/09	18
NAVAJO	1				105									03/06/05	
	2	MINOR	32		105	02/01/10	03/04/10							03/29/08	24
	3				105									03/01/09	
FOUR CORNERS	1				170									05/30/08	
	2	MAJOR	35		170	04/03/10	05/07/10							03/16/07	38
	3	Reliab.	8		220			11/06/10	11/13/10					03/26/09	
	4	MAJOR	59		111	01/23/10	03/22/10							05/15/07	35
	5				111									04/16/08	
CHOLLA	1	MINOR	21		110	03/13/10	04/02/10							04/27/07	36
	2				245									02/29/08	
	3				260									05/01/09	
WEST PHOENIX	CC1	Comb	28		85	02/12/10	03/11/10							02/01/08	26
	CC2	Mini	7		85	01/10/10	01/16/10							11/30/09	
	CC3	Mini	7		85	04/24/10	04/30/10							02/06/09	
	GT1	Mini	7		55	01/26/10	02/01/10							03/13/09	11
	GT2	Mini	7		55	05/15/10	05/21/10							05/01/09	13
OCOTILLO	1				113									03/18/09	
	2	MINOR	21		113			11/29/10	12/19/10					11/21/08	25
	GT1	Mini	7		55	03/13/10	03/19/10							02/08/09	13
	GT2	Mini	7		55	04/21/10	04/27/10							05/06/09	12
SAGUARO	1	MINOR	21		110	02/21/10	03/13/10							03/13/09	12
	2	MINOR	21		100			11/29/10	12/19/10					11/20/09	13
	GT1	Mini	5		55	03/28/10	04/01/10							05/01/05	
	GT2	Mini	5		55	02/04/10	02/08/10							02/23/06	
DOUGLAS	GT	Mini	5		16	05/14/10	05/18/10							05/18/07	
YUCCA	GT1				19									02/12/02	
	GT2				19									03/02/02	
	GT3				55									04/28/01	
	GT4				54									05/05/02	

SCHEDULE PME-10

2011						PLANNED OUTAGE SCHEDULE						Month from Last O.	
PLANT	UNIT	O.H. TYPE	TOT. #DYS	ST/OT	CAPACITY	START	END	START	END	START	END	Last O/H	Months
PALO VERDE	1	REF	36		363			10/01/11	11/05/11			05/08/10	18
	2	REF	36		363	04/02/11	05/07/11					11/07/09	18
	3				365							11/06/10	
NAVAJO	1	MAJOR	57		105	03/04/11	04/29/11					03/06/05	75
	2				105							03/04/10	
	3				105							03/01/09	
FOUR CORNERS	1	MAJOR	35		170	04/16/11	05/20/11					05/30/08	36
	2	Reliab.	8		170			11/06/11	11/13/11			05/07/10	
	3				220							03/26/09	
	4	Reliab.	10		111			10/13/11	10/22/11			03/22/10	
	5	MINOR	18		111	02/12/11	03/01/11					04/16/08	35
CHOLLA	1				110							04/02/10	
	2	MINOR	21		245	03/21/11	04/10/11					02/29/08	38
	3				260							05/01/09	
WEST PHOENIX	CC1	Mini	7		85	04/09/11	04/15/11					03/11/10	
	CC2	Comb	28		85			10/24/11	11/20/11			11/30/09	24
	CC3	HGP	42		85	01/29/11	03/11/11					02/06/09	25
	GT1	Mini	7		55	01/03/11	01/09/11					02/01/10	11
	GT2	Mini	7		55	05/14/11	05/20/11					05/21/10	12
OCOTILLO	1	MINOR	21		113	02/26/11	03/18/11					03/18/09	24
	2				113							12/19/10	
	GT1	Mini	7		55	01/15/11	01/21/11					03/19/10	10
	GT2	Mini	7		55	04/30/11	05/06/11					04/27/10	12
SAGUARO	1	MINOR	21		110	02/26/11	03/18/11					03/13/10	12
	2	MINOR	21		100			11/28/11	12/18/11			12/19/10	12
	GT1	Mini	5		55	03/28/11	04/01/11					05/01/05	
	GT2	Mini	5		55	02/11/11	02/15/11					02/23/06	
DOUGLAS	GT	Mini	5		16	05/11/11	05/15/11					05/18/07	
YUCCA	GT1				19							02/12/02	
	GT2				19							03/02/02	
	GT3	MAJOR	16		55	04/09/11	04/24/11					04/28/01	122
	GT4				54							05/05/02	

SCHEDULE PME-10

2012 PLANNED OUTAGE SCHEDULE

PLANT	UNIT	O.H. TYPE	TOT. #DYS	ST/OT	CAPACITY	START	END	START	END	START	END	START	END	Month from Last O.H Last O/H	Months
PALO VERDE	1				362									11/05/11	14
	2	REF	36		362			09/29/12	11/03/12					05/07/11	18
	3	REF	36		363	03/31/12	05/05/12							11/06/10	18
NAVAJO	1				105									04/29/11	20
	2				105									03/04/10	34
	3	MINOR	31		105	02/03/12	03/04/12							03/01/09	37
FOUR CORNERS	1	RELIAB.	9		170			11/07/12	11/15/12					05/20/11	20
	2				170									05/07/10	32
	3	MAJOR	35		220	02/21/12	03/26/12							03/26/09	37
	4				111									03/22/10	34
	5	RELIAB.	9		111			10/06/12	10/14/12					03/01/11	22
CHOLLA	1				110									04/02/10	33
	2				245									04/10/11	21
	3	MAJOR	42		260	03/05/12	04/15/12							05/01/09	36
WEST PHOENIX	CC1	HGP	42		85	01/16/12	02/26/12							03/11/10	24
	CC2	Mini	7		85	04/04/12	04/10/12							11/20/11	14
	CC3	Mini	7		85	04/21/12	04/27/12							03/11/11	22
	GT1	Mini	7		55	01/03/12	01/09/12							01/09/11	12
	GT2	Mini	7		55	05/19/12	05/25/12							05/20/11	12
OCOTILLO	1				110									03/18/11	22
	2	MINOR	21		110	11/26/12	12/16/12							12/19/10	24
	GT1	Mini	7		55	04/14/12	04/20/12							01/21/11	15
	GT2	Mini	7		55	02/27/12	03/04/12							05/06/11	10
SAGUARO	1	MINOR	21		110	01/24/12	02/13/12							03/18/11	11
	2	MINOR	21		100	10/27/12	11/16/12							12/18/11	11
	GT1	Mini	5		55	02/25/12	02/29/12							05/01/05	93
	GT2	Mini	5		55	03/26/12	03/30/12							02/23/06	83
DOUGLAS	GT	Mini	5		16	05/05/12	05/09/12							05/18/07	68
YUCCA	GT1	Mini	3		19			10/01/12	10/03/12					02/12/02	133
	GT2	Mini	3		19			10/08/12	10/10/12					03/02/02	132
	GT3				55									04/24/11	21
	GT4				54									05/05/02	130

SCHEDULE PME-11
HISTORICAL AND PROJECTED EFFECTIVE FORCED OUTAGE RATES
(%)

Unit	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Palo Verde 1	5	10	4	3	6	5	3	3	5	1	0	3	3	3	3	3	3	3	3	3	3	3
Palo Verde 2	5	5	6	7	1	2	4	3	1	3	1	3	3	3	3	3	3	3	3	3	3	3
Palo Verde 3	14	5	6	3	1	2	4	3	1	2	4	3	3	3	3	3	3	3	3	3	3	3
Four Corners 1	12	8	13	8	9	4	9	13	9	9	14	9	8	9	7	7	8	7	7	8	8	8
Four Corners 2	9	7	10	9	7	6	6	10	18	8	10	9	9	7	7	8	7	7	8	7	7	7
Four Corners 3	11	12	10	8	6	10	15	15	9	12	8	13	11	11	12	10	9	10	9	9	9	9
Four Corners 4	7	7	8	7	6	10	5	12	12	10	11	10	10	10	10	9	9	9	9	9	9	9
Four Corners 5	12	5	5	11	4	5	32	13	10	9	15	10	10	10	10	10	10	9	9	9	9	9
Navajo 1	4	3	8	2	6	2	4	3	1	2	6	5	5	5	5	5	5	5	5	5	5	5
Navajo 2	5	6	4	4	3	7	13	5	3	3	1	6	6	6	6	6	6	6	6	6	6	6
Navajo 3	5	6	5	3	2	4	6	2	3	3	4	5	5	5	5	5	5	5	5	5	5	5
Cholla 1	4	2	1	6	1	4	8	6	8	11	21	6	7	6	6	7	6	6	7	6	6	6
Cholla 2	3	6	2	4	1	4	3	10	18	7	13	7	6	7	6	6	7	6	6	7	7	7
Cholla 3	6	2	2	2	3	3	2	2	6	7	6	6	6	5	6	6	5	6	6	5	5	5
W. Phx. CC 1	6	55	3	10	5	0	1	4	8	3	10	5	6	7	7	7	7	7	8	8	8	8
W. Phx. CC 2	2	1	5	1	1	1	1	14	3	13	4	5	6	7	7	7	7	7	8	8	8	8
W. Phx. CC 3	1	11	30	1	1	0	1	1	4	0	6	5	6	7	7	7	7	7	8	8	8	8
Ocotillo Steam 1	1	0	0	0	32	11	8	0	5	3	6	6	6	6	6	6	6	6	6	6	6	6
Ocotillo Steam 2	2	15	1	1	12	11	14	12	2	6	9	6	6	6	6	6	6	6	6	6	6	6
Saguaro Steam 1	8	4	0	2	6	10	1	0	3	11	11	7	7	7	7	7	7	7	7	7	7	7
Saguaro Steam 2	0	0	0	4	44	35	2	39	1	2	9	12	12	9	7	7	7	7	7	7	7	7
W. Phx CT 1	4	2	24	10	12	3	20	29	29	8	5	10	11	12	12	12	12	12	12	12	12	12
W. Phx CT 2	29	5	24	30	96	17	2	15	14	6	11	10	11	12	12	12	12	12	12	12	12	12
Ocotillo CT 1	69	0	78	26	66	30	5	90	87	30	7	10	11	12	12	12	12	12	12	12	12	12
Ocotillo CT 2	74	5	64	20	1	82	23	20	51	26	8	10	11	12	12	12	12	12	12	12	12	12
Saguaro CT 1	100	97	10	5	8	31	32	37	0	19	12	10	11	12	12	12	12	12	12	12	12	12
Saguaro CT 2	11	6	28	12	24	10	11	18	10	16	11	10	11	12	12	12	12	12	12	12	12	12
Yucca 1	0	0	0	0	0	0	0	0	12	0	1	10	10	10	10	10	10	10	10	10	10	10
Yucca 2	8	0	0	0	0	0	0	0	3	0	1	10	10	10	10	10	10	10	10	10	10	10
Yucca 3	2	1	3	0	0	13	11	1	16	3	3	10	10	10	10	10	10	10	10	10	10	10
Yucca 4	0	14	0	0	0	2	0	62	13	8	20	10	10	10	10	10	10	10	10	10	10	10
Douglas	73	26	34	99	0	13	47	0	40	5	7	10	10	10	10	10	10	10	10	10	10	10

Schedule PME-12

Historical Peak Demands
Total APS System and APS Metro Phoenix Demand

	1996	1997	1998	1999	2000	2001	2002	Average
Total System Peak	4,575	4,609	5,072	4,935	5,479	5,687	5,803	
Wholesale Loads No Longer Served by System Resources	254	249	248	263	295	322	312	
Large Mining Loads	173	176	174	85	94	38	35	
System Peak excluding Lines 2 and 3	4,148	4,184	4,650	4,587	5,090	5,327	5,456	
Metro Phoenix Peak Demand	3,162	3,162	3,419	3,406	3,698	4,218	4,206	
Metro Demand as Share of Total Demand	76.2%	75.6%	73.5%	74.3%	72.7%	79.2%	77.1%	75.5%

SCHEDULE PME-13
POTENTIAL ECONOMY ENERGY PURCHASES

	With Current Market Prices			Electric Prices 10% Higher		Electric Prices 10% Lower	
Year	Economic Purchase Amount (GWH)	Average Palo Verde On-Peak Electric Price ($/MWH) [1]	Average San Juan Basin Natural Gas Price ($/MMBTU) [1]	Economic Purchase Amount (GWH)	Percent Change	Economic Purchase Amount (GWH)	Percent Change
2003	3,705	39.42	3.60	3,122	-15.7%	4,418	19.2%
2004	4,033	40.13	3.50	3,465	-14.1%	4,699	16.5%
2005	6,695	40.25	3.36	5,795	-13.4%	7,673	14.6%
2006	6,948	40.53	3.35	6,032	-13.2%	8,025	15.5%
2007	8,320	40.77	3.38	7,341	-11.8%	9,296	11.7%
2008	6,785	41.79	3.46	6,095	-10.2%	7,591	11.9%
2009	7,964	42.83	3.55	7,274	-8.7%	8,787	10.3%
2010	9,136	43.90	3.64	8,427	-7.8%	9,911	8.5%
2011	10,167	45.00	3.73	9,428	-7.3%	10,951	7.7%
2012	11,099	46.13	3.82	10,300	-7.2%	11,871	7.0%

[1] Power and natural gas prices were determined from market quotes through 2007 and escalated by 2.5% per year thereafter.

WORKPAPERS

Peter M. Ewen

November 4, 2002

APS Energy and Peak Demand
Assumptions and Forecasts

Economic and Demographic Projections

MARICOPA COUNTY	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Prior Period Population (000s)	2,227	2,287	2,355	2,444	2,551	2,664	2,779	2,890	2,995	3,097	3,196	3,300	3,404	3,509	3,614	3,720	3,826	3,932	4,038	4,145	4,252
Migration Rate (net migrants/1,000 population)	16.44	19.85	28.24	33.88	34.54	33.33	30.08	26.12	23.91	21.15	21.90	21.21	20.56	19.95	19.37	18.82	18.03	17.55	17.09	16.41	15.99
Net Natural Increase Rate (net birth - death/1,000 population)	10.78	9.57	9.64	9.78	9.96	9.95	9.86	10.03	10.25	10.75	10.64	10.30	10.28	9.97	9.96	9.68	9.67	9.41	9.41	9.41	9.17
Net Migration (000s)	37	45	67	83	88	89	84	76	72	66	70	70	70	70	70	70	69	69	69	68	68
Net Natural Increase (000s)	24	22	23	24	25	27	27	29	31	33	34	34	35	35	36	36	37	37	38	39	39
Total Population Growth (000s)	61	67	89	107	114	115	111	105	102	99	104	104	105	105	106	106	106	106	107	107	107
Total Resident Population (000s)	2,287	2,355	2,444	2,551	2,664	2,779	2,890	2,995	3,097	3,196	3,300	3,404	3,509	3,614	3,720	3,826	3,932	4,038	4,145	4,252	4,359
Avg. Householder Rates (% of population heading a household)	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	38%	38%	38%	39%	39%	39%	39%	40%	40%	40%
Total Number of Households (000s)	849	873	904	941	981	1,022	1,060	1,097	1,133	1,181	1,231	1,281	1,332	1,382	1,434	1,485	1,536	1,587	1,639	1,690	1,742
Total Resident Population (000s)	2,287	2,355	2,444	2,551	2,664	2,779	2,890	2,995	3,097	3,196	3,300	3,404	3,509	3,614	3,720	3,826	3,932	4,038	4,145	4,252	4,359
Average Labor Force Participation Rates																					
Men												54%	54%	54%	54%	54%	54%	54%	54%	54%	54%
Women												46%	46%	46%	47%	47%	47%	47%	47%	48%	48%
Total	48%	48%	50%	53%	52%	50%	50%	50%	49%	49%	49%	50%	50%	50%	50%	51%	51%	51%	51%	51%	51%
Labor Force (000s)	1,109	1,124	1,226	1,348	1,381	1,377	1,440	1,511	1,503	1,559	1,621	1,704	1,763	1,819	1,878	1,934	1,991	2,049	2,101	2,161	2,215
Unemployment Rate	6.5%	5.0%	4.7%	3.4%	3.6%	3.0%	2.7%	3.0%	2.6%	3.8%	5.5%	4.7%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Total Employed (000s)	1,037	1,067	1,169	1,302	1,331	1,336	1,401	1,466	1,464	1,500	1,532	1,624	1,702	1,755	1,812	1,866	1,921	1,977	2,027	2,085	2,137
Household Survey to Establishment Survey Adjustment	4.5%	2.9%	5.3%	8.7%	4.4%	-0.6%	-1.3%	-1.5%	-5.2%	-3.8%	-1.6%	0.3%	-0.3%	-2.5%	-3.7%	-5.0%	-5.0%	-5.0%	-5.0%	-5.0%	-5.0%
Total Nonfarm Payroll Employment (000s)	990	1,036	1,106	1,189	1,273	1,344	1,419	1,487	1,541	1,557	1,557	1,619	1,707	1,799	1,878	1,959	2,017	2,076	2,128	2,189	2,244
Employment Growth	1.2%	4.6%	6.8%	7.4%	7.0%	5.6%	5.6%	4.8%	3.6%	1.1%	0.0%	4.0%	5.4%	5.4%	4.4%	4.3%	3.0%	2.9%	2.5%	2.9%	2.5%
Trade, FIRE, Service Employment (000s)	609	641	692	746	808	862	905	957	995	1,007	1,012	1,057	1,120	1,186	1,244	1,303	1,348	1,394	1,436	1,483	1,527
Square Feet per Employee (Trade, FIRE, & Service Industries)																					
Office	62.87	59.76	55.35	51.35	47.38	45.45	44.16	46.82	47.77	51.04	53.57	51.66	49.12	47.83	47.99	47.87	48.34	48.81	49.13	49.45	49.77
Retail	115.51	111.43	106.72	101.45	96.66	95.32	94.61	92.49	91.98	96.16	97.21	95.88	92.75	90.71	90.82	90.41	91.11	91.80	92.50	92.50	92.50
Total	178.38	171.19	162.07	152.80	144.04	140.76	138.77	139.31	139.75	147.19	150.78	147.54	141.87	138.54	138.81	138.28	139.44	140.61	141.63	141.95	142.27
Commercial Floorspace (in million square feet)																					
Office	38.3	38.3	38.3	38.3	38.3	39.2	40.0	44.8	47.5	51.4	54.2	54.6	55.0	56.7	59.7	62.4	65.2	68.0	70.5	73.4	76.0
Retail	70.3	71.4	73.8	75.6	78.1	82.1	85.6	88.5	91.5	96.9	98.4	101.4	103.9	107.6	113.0	117.8	122.8	128.0	132.8	137.2	141.3
Total	108.6	109.7	112.1	113.9	116.4	121.3	125.6	133.4	139.0	148.3	152.6	156.0	158.9	164.3	172.6	180.2	188.0	196.0	203.3	210.6	217.3

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APS Energy and Peak Demand
Assumptions and Forecasts

Economic and Demographic Projections

PIMA COUNTY

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Prior Period Population (000s)	693	709	726	746	766	785	800	815	832	848	869	887	905	923	942	961	980	999	1,018	1,037	1,056
Migration Rate (net migrants/1,000 population)	14.14	17.36	20.25	21.73	18.14	13.51	13.51	15.22	13.35	18.05	14.97	14.66	14.36	15.17	14.86	14.57	14.29	14.01	13.75	13.50	14.20
Net Natural Increase Rate (net birth - death/1,000 population)	8.22	7.20	6.47	6.17	5.74	5.61	5.38	5.65	5.89	6.49	5.76	5.64	5.52	5.42	5.31	5.20	5.10	5.01	4.91	4.82	4.73
Net Migration (000s)	10	12	15	16	14	11	11	12	11	15	13	13	13	14	14	14	14	14	14	14	15
Net Natural Increase (000s)	6	5	5	5	4	4	4	5	5	6	5	5	5	5	5	5	5	5	5	5	5
Total Population Growth (000s)	16	17	19	21	18	15	15	17	16	21	18	18	18	19	19	19	19	19	19	19	20
Total Resident Population (000s)	709	726	746	766	785	800	815	832	848	869	887	905	923	942	961	980	999	1,018	1,037	1,056	1,076
Avg. Householder Rates (% of population heading a household)	39%	39%	39%	39%	39%	39%	39%	39%	39%	39%	40%	40%	40%	40%	40%	41%	41%	41%	41%	41%	41%
Total Number of Households (000s)	274	281	289	298	306	312	318	326	332	343	352	360	369	378	388	397	406	416	425	434	444
Total Resident Population (000s)	709	726	746	766	785	800	815	832	848	869	887	905	923	942	961	980	999	1,018	1,037	1,056	1,076
Average Labor Force Participation Rates																					
Men												51%	51%	51%	51%	51%	51%	50%	50%	50%	50%
Women												43%	43%	43%	43%	44%	44%	44%	44%	44%	44%
Total	46%	45%	48%	50%	47%	45%	45%	46%	45%	46%	45%	46%	47%	47%	47%	47%	47%	47%	47%	47%	47%
Labor Force (000s)	326	329	359	384	373	363	369	385	384	398	403	421	430	440	450	460	469	479	488	498	505
Unemployment Rate	5.5%	4.0%	4.0%	3.3%	3.8%	3.3%	2.7%	3.1%	2.8%	3.3%	4.3%	4.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Total Employed (000s)	308	316	344	371	358	351	359	373	373	385	386	402	415	425	434	444	453	462	471	480	488
Household Survey to Establishment Survey Adjustment	14.2%	13.2%	15.4%	18.5%	14.3%	10.1%	9.7%	9.8%	6.2%	9.0%	9.9%	9.6%	9.2%	8.4%	7.7%	7.3%	7.2%	7.0%	6.9%	6.7%	6.4%
Total Nonfarm Payroll Employment (000s)	*264*	*274*	*292*	*303*	*307*	*315*	*324*	*336*	*350*	*350*	*348*	*363*	*377*	*389*	*401*	*411*	*420*	*430*	*438*	*448*	*457*
Employment Growth	2.4%	3.7%	6.3%	3.8%	1.5%	2.7%	2.8%	3.8%	4.0%	0.1%	-0.8%	1.5%	3.8%	3.2%	3.1%	2.6%	2.2%	2.2%	2.0%	2.2%	1.9%

APS Energy and Peak Demand
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BALANCE OF STATE

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Prior Period Population (000s)	927	959	991	1,024	1,062	1,096	1,128	1,159	1,191	1,224	1,259	1,292	1,325	1,358	1,391	1,424	1,457	1,489	1,521	1,553	1,585
Migration Rate (net migrants/1,000 population)	24.05	24.50	24.41	28.61	24.96	21.90	21.46	21.66	21.92	22.14	19.86	19.35	18.87	18.41	17.97	17.56	16.47	16.12	15.78	15.45	14.51
Net Natural Increase Rate (net birth - death/1,000 population)	10.35	9.18	8.67	7.91	7.35	6.93	6.12	5.96	6.13	6.45	6.35	6.19	6.04	5.89	5.75	5.62	5.49	5.37	5.26	5.15	5.05
Net Migration (000s)	22	24	24	29	27	24	24	25	26	27	25	25	25	25	25	25	24	24	24	24	24
Net Natural Increase (000s)	10	9	9	8	8	8	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8
Total Population Growth (000s)	32	32	33	37	34	32	31	32	33	35	33	33	33	33	33	33	32	32	32	32	32
Total Resident Population (000s)	959	991	1,024	1,062	1,096	1,128	1,159	1,191	1,224	1,259	1,292	1,325	1,358	1,391	1,424	1,457	1,489	1,521	1,553	1,585	1,617
Avg. Householder Rates (% of population heading a household)	34%	34%	34%	35%	35%	35%	35%	35%	36%	36%	36%	37%	37%	37%	38%	38%	38%	38%	39%	39%	39%
Total Number of Households (000s)	325	339	352	368	382	396	409	422	436	453	470	486	502	519	535	551	567	583	599	615	630
Total Resident Population (000s)	959	991	1,024	1,062	1,096	1,128	1,159	1,191	1,224	1,259	1,292	1,325	1,358	1,391	1,424	1,457	1,489	1,521	1,553	1,585	1,617
Average Labor Force Participation Rates																					
Men												42%	42%	42%	42%	42%	42%	42%	42%	42%	42%
Women												36%	36%	36%	36%	36%	36%	36%	36%	37%	37%
Total	39%	38%	42%	43%	42%	39%	39%	39%	38%	37%	40%	39%	39%	39%	39%	39%	39%	39%	39%	39%	39%
Labor Force (000s)	377	378	428	458	456	442	446	463	460	463	514	515	529	543	557	570	584	596	609	623	633
Unemployment Rate	12.7%	12.2%	13.1%	11.5%	12.6%	11.0%	10.1%	10.2%	8.9%	9.1%	7.2%	9.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%	10.0%
Total Employed (000s)	329	332	372	406	398	393	401	416	419	421	477	468	476	488	501	513	525	537	548	561	570
Household Survey to Establishment Survey Adjustment	20.3%	17.4%	20.9%	25.0%	21.5%	17.4%	17.3%	18.4%	16.0%	14.8%	23.3%	20.0%	17.7%	15.8%	15.4%	15.0%	15.0%	15.0%	15.0%	15.0%	15.0%
Total Nonfarm Payroll Employment (000s)	262	274	294	304	313	325	332	340	352	358	366	375	392	411	424	436	447	456	466	477	484
Employment Growth	3.1%	4.5%	7.3%	3.4%	2.7%	4.0%	2.1%	2.4%	3.6%	1.8%	2.3%	1.6%	4.6%	4.8%	3.2%	2.9%	2.3%	2.2%	2.2%	2.2%	1.6%

APS Energy and Peak Demand
Assumptions and Forecasts

Economic and Demographic Projections

ARIZONA	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Prior Period Population (000s)	3,847	3,955	4,072	4,214	4,379	4,545	4,707	4,864	5,017	5,169	5,324	5,479	5,634	5,790	5,947	6,105	6,263	6,420	6,577	6,735	6,893
Migration Rate (net migrants/1,000 population)	17.86	20.53	25.88	30.45	29.35	27.15	25.20	23.23	21.69	20.87	20.29	19.71	19.17	18.83	18.33	17.85	17.08	16.67	16.27	15.74	15.38
Net Natural Increase Rate (net birth - death/1,000 population)	10.22	9.05	8.84	8.69	8.59	8.47	8.20	8.33	8.55	9.03	8.83	8.58	8.52	8.29	8.24	8.03	7.98	7.79	7.75	7.72	7.54
Net Migration (000s)	69	81	105	128	129	123	119	113	109	108	108	108	108	109	109	109	107	107	107	106	106
Net Natural Increase (000s)	39	36	36	37	38	39	39	41	43	47	47	47	48	48	49	49	50	50	51	52	52
Total Population Growth (000s)	108	117	141	165	166	162	157	154	152	155	155	155	156	157	158	158	157	157	158	158	158
Total Resident Population (000s)	3,955	4,072	4,214	4,379	4,545	4,707	4,864	5,017	5,169	5,324	5,479	5,634	5,790	5,947	6,105	6,263	6,420	6,577	6,735	6,893	7,051
Avg. Householder Rates	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	37%	38%	38%	38%	39%	39%	39%	39%	40%	40%	40%
Total Number of Households (000s)	1,448	1,493	1,546	1,608	1,669	1,729	1,788	1,845	1,901	1,976	2,052	2,127	2,203	2,279	2,356	2,433	2,509	2,586	2,662	2,739	2,816
Total Resident Population (000s)	3,955	4,072	4,214	4,379	4,545	4,707	4,864	5,017	5,169	5,324	5,479	5,634	5,790	5,947	6,105	6,263	6,420	6,577	6,735	6,893	7,051
Average Labor Force Participation Rates																					
Men												51%	51%	51%	51%	51%	51%	51%	51%	51%	51%
Women												43%	43%	43%	44%	44%	44%	44%	44%	44%	45%
Total	46%	45%	48%	50%	49%	46%	46%	47%	45%	45%	46%	47%	47%	47%	47%	47%	47%	47%	47%	48%	48%
Labor Force (000s)	1,812	1,830	2,013	2,191	2,209	2,182	2,255	2,359	2,347	2,420	2,539	2,640	2,723	2,801	2,884	2,964	3,044	3,124	3,198	3,281	3,353
Unemployment Rate	7.6%	6.3%	6.4%	5.1%	5.5%	4.7%	4.2%	4.4%	3.9%	4.7%	5.7%	5.5%	4.8%	4.8%	4.8%	4.8%	4.7%	4.7%	4.7%	4.7%	4.7%
Total Employed (000s)	1,674	1,715	1,885	2,080	2,088	2,080	2,161	2,255	2,256	2,306	2,395	2,494	2,593	2,668	2,747	2,823	2,899	2,976	3,046	3,126	3,195
Household Survey to Establishment Survey Adjustment	9.4%	7.6%	10.2%	13.7%	9.4%	4.6%	4.0%	4.1%	0.6%	1.7%	5.2%	5.5%	4.5%	2.6%	1.6%	0.6%	0.5%	0.5%	0.4%	0.4%	0.3%
Total Nonfarm Payroll Employment (000s)	1,517	1,584	1,692	1,796	1,892	1,985	2,075	2,163	2,243	2,266	2,271	2,357	2,476	2,599	2,703	2,807	2,884	2,962	3,033	3,114	3,185
Employment Growth	1.7%	4.4%	6.8%	6.1%	5.4%	4.9%	4.5%	4.3%	3.7%	1.0%	0.2%	3.8%	5.0%	5.0%	4.0%	3.9%	2.8%	2.7%	2.4%	2.7%	2.3%

APS Energy and Peak Demand
Assumptions and Forecasts

ENERGY AND PEAK BY CLASS	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Residential																					
MARICOPA COUNTY																					
APS Market Share	43%	43%	43%	43%	43%	44%	44%	44%	45%	45%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%	44%
APS Residential Customers (000s)	364	375	390	406	424	445	465	487	508	528	546	567	589	611	634	657	680	702	725	746	766
PIMA COUNTY																					
APS Market Share	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
APS Residential Customers (000s)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALANCE OF STATE																					
APS Market Share	57%	56%	56%	56%	55%	55%	55%	55%	55%	55%	55%	54%	54%	53%	53%	53%	53%	53%	53%	53%	53%
APS Residential Customers (000s)	186	191	197	205	212	218	225	233	241	248	256	262	269	277	286	294	303	311	320	326	331
ARIZONA																					
APS Market Share	38%	38%	38%	38%	38%	38%	39%	39%	39%	39%	39%	39%	39%	39%	39%	39%	39%	39%	39%	39%	39%
Customers (average)	549,778	565,791	586,866	610,505	636,239	663,493	689,873	719,774	749,285	776,339	801,934	829,186	858,099	888,176	919,733	951,004	982,387	1,013,823	1,045,252	1,071,383	1,097,096
Usage (kWh/customer)	11,035	11,041	11,712	11,218	11,853	12,013	12,047	12,191	13,053	13,312	13,345	13,188	13,442	13,598	13,733	13,812	13,884	13,960	14,065	14,080	14,107
Sales (gWh)	6,067	6,247	6,873	6,849	7,541	7,970	8,311	8,775	9,781	10,335	10,702	10,935	11,535	12,077	12,631	13,135	13,639	14,153	14,701	15,085	15,477
Annual Load Factor	46%	50%	64%	51%	48%	52%	46%	46%	49%	45%	44%	48%	48%	48%	48%	48%	48%	48%	48%	48%	48%
Peak Demand (mW)	1,505	1,416	1,218	1,547	1,808	1,740	2,076	2,183	2,256	2,614	2,769	2,599	2,743	2,874	3,007	3,127	3,247	3,370	3,500	3,591	3,685
Business (excluding Mines)																					
MARICOPA COUNTY																					
APS Market Share																					
Office	67%	67%	67%	67%	67%	67%	67%	67%	67%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%	68%
Retail	40%	42%	41%	42%	42%	42%	41%	42%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%	41%
APS Territory Floorspace (in million square feet)																					
Office	25.8	25.8	25.8	25.8	25.8	26.2	27.0	30.1	31.9	35.0	36.8	37.1	37.4	38.5	40.5	42.3	44.1	46.1	47.7	49.6	51.4
Retail	28.1	29.7	30.6	32.1	33.2	34.6	35.2	36.9	37.7	39.6	40.3	41.5	42.6	44.1	46.4	48.4	50.5	52.7	54.7	56.6	58.3
Total	53.9	55.5	56.4	57.8	59.0	60.8	62.1	67.0	69.6	74.6	77.1	78.6	79.9	82.6	86.9	90.7	94.7	98.7	102.4	106.2	109.7
Energy Intensity (kWh/sqft)	154	152	158	159	165	166	166	162	170	164	162	166	172	172	170	170	170	170	171	171	171
Sales (gWh)	8,273	8,438	8,886	9,187	9,762	10,109	10,324	10,864	11,813	12,193	12,488	13,059	13,713	14,246	14,788	15,410	16,097	16,804	17,485	18,143	18,780
Annual Load Factor	79%	62%	59%	60%	62%	61%	63%	73%	61%	62%	61%	61%	61%	61%	61%	61%	61%	61%	61%	61%	61%
Peak Demand (mW)	1,185	1,563	1,720	1,759	1,782	1,901	1,863	1,699	2,193	2,229	2,339	2,444	2,539	2,665	2,753	2,870	2,997	3,135	3,281	3,409	3,506
Mines																					
Customers (average)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Sales (gWh)	1,504	1,493	1,491	1,515	1,518	1,538	1,636	1,153	743	720	430	400	401	400	400	400	400	400	400	400	400
Peak Demand (mW)	166	180	167	168	173	176	174	85	94	38	35	39	39	39	39	39	39	39	39	39	39
Irrigation																					
Customers (average)	962	903	893	880	836	810	747	798	412	366	350	350	345	342	340	330	320	310	300	291	283
Usage (kWh/customer)	123,218	123,922	148,197	135,886	145,664	138,720	113,307	124,898	211,342	73,388	101,457	99,375	97,192	94,661	91,849	91,297	90,872	90,483	90,260	89,779	89,100
Sales (gWh)	119	112	132	120	122	112	85	100	87	27	36	35	34	32	31	30	29	28	27	26	25
Annual Load Factor	48%	49%	57%	64%	64%	138%	47%	57%	136%	35%	46%	50%	51%	51%	54%	54%	54%	54%	54%	54%	54%
Peak Demand (mW)	28	26	26	21	22	9	21	20	7	9	9	8	8	7	7	6	6	6	6	6	5
Street Lighting																					
Customers (average)	750	758	765	775	830	857	890	917	934	1013	989	1,014	1,048	1,079	1,113	1,154	1,194	1,235	1,275	1,309	1,343
Usage (kWh/customer)	98,471	99,175	100,427	101,262	101,641	100,455	102,165	103,465	104,681	98,529	104,895	106,752	107,318	108,099	108,514	108,238	108,060	107,802	107,643	107,456	107,279
Sales (gWh)	74	75	77	78	84	86	91	95	98	100	104	108	112	117	121	125	129	133	137	141	144
Peak Demand (mW)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Traditional APS Wholesale (SFR)																					
Sales (gWh)	1,757	1,432	1,193	1,433	1,490	1,486	1,410	1,422	1,610	495	331	205	207	209	211	213	215	217	220	222	224
Peak Demand (mW)	255	216	248	280	287	273	292	259	291	7	7	7	7	7	7	7	7	8	8	8	8
System Losses																					
Energy Losses % of Class Energy Sales	6.7%	7.2%	6.9%	6.4%	6.5%	6.5%	5.2%	5.4%	4.2%	8.1%	7.2%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%	7.1%
Energy (gWh)	1,198	1,287	1,278	1,234	1,333	1,377	1,141	1,211	1,008	1,923	1,734	1,752	1,841	1,917	1,995	2,075	2,160	2,247	2,334	2,408	2,482
Demand Losses % of Class Peak Demands	20.9%	11.8%	24.7%	17.1%	12.4%	12.4%	14.6%	16.3%	13.2%	10.4%	6.3%	12.3%	12.9%	12.1%	12.2%	12.2%	12.2%	12.2%	12.2%	12.2%	12.2%
Peak Demand (mW)	657	401	835	644	503	509	647	690	638	508	327	626	687	677	709	737	767	800	834	862	885
TOTAL OWN LOAD																					
Energy (gWh)	18,991	19,084	19,930	20,416	21,851	22,680	22,999	23,619	25,139	25,793	25,824	26,494	27,843	28,999	30,177	31,389	32,671	33,983	35,305	36,425	37,532
Annual Load Factor	57%	57%	54%	53%	55%	56%	52%	55%	52%	54%	54%	53%	53%	53%	53%	53%	53%	53%	53%	53%	53%
Peak Demand (mW)	3,796	3,802	4,214	4,420	4,575	4,609	5,072	4,935	5,478	5,405	5,486	5,723	6,023	6,270	6,522	6,787	7,064	7,357	7,667	7,915	8,128

ARIZONA PUBLIC SERVICE COMPANY

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2003 Budget

MONTHLY MWH SALES, MW LOADS, AND MWH LOSSES Excluding Citizens

2003

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total/Max
ACC Sales	1,909,986	1,757,867	1,674,396	1,633,396	1,811,754	2,179,934	2,579,997	2,672,578	2,564,444	2,149,415	1,766,507	1,836,721	24,536,997
FERC Sales	14,633	15,088	10,902	16,789	22,101	23,202	20,773	20,659	20,662	14,474	11,417	14,250	204,950
Total Sales	1,924,620	1,772,955	1,685,298	1,650,185	1,833,855	2,203,136	2,600,770	2,693,237	2,585,106	2,163,890	1,777,924	1,850,972	24,741,947
Use & Losses	53,483	3,251	93,808	163,981	460,836	310,270	352,216	340,969	-50,507	-130,523	-17,996	171,943	1,751,730
Own Load Energy	1,978,102	1,776,206	1,779,106	1,814,166	2,294,691	2,513,406	2,952,986	3,034,205	2,534,599	2,033,366	1,759,929	2,022,915	26,493,677
Peak	3,715	3,561	3,190	3,677	4,650	5,192	5,723	5,723	5,173	4,300	3,221	3,722	5,723
Load Factor %	72%	74%	75%	69%	66%	67%	69%	71%	68%	64%	76%	73%	53%
Loss Percent	3%	0%	6%	10%	25%	14%	14%	13%	-2%	-6%	-1%	9%	7%
Diff from Average	0%	0%	1%	1%	4%	1%	1%	1%	0%	0%	0%	1%	1%
Peak Percent	65%	62%	56%	64%	81%	91%	100%	100%	90%	75%	56%	65%	#N/A
Diff from Average	-1%	0%	-2%	-1%	0%	-1%	0%	0%	-2%	-1%	-1%	-1%	#N/A
Load Factor	72%	74%	75%	69%	66%	67%	69%	71%	68%	64%	76%	73%	53%
Diff from Average	0%	0%	-2%	-2%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%

ARIZONA PUBLIC SERVICE COMPANY

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2003 Budget

MONTHLY MWH SALES, MW LOADS, AND MWH LOSSES Excluding Citizens

2004

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total/Max
ACC Sales	2,007,773	1,854,799	1,760,869	1,715,098	1,902,269	2,294,646	2,712,701	2,813,638	2,697,618	2,254,660	1,852,779	1,926,894	25,793,742
FERC Sales	14,784	15,295	11,057	16,933	22,257	23,357	20,929	20,826	20,807	14,605	11,605	14,413	206,868
Total Sales	2,022,557	1,870,094	1,771,925	1,732,031	1,924,526	2,318,003	2,733,629	2,834,465	2,718,425	2,269,265	1,864,384	1,941,307	26,000,610
Use & Losses	56,200	3,427	98,609	172,117	483,644	326,406	370,185	358,772	-53,125	-136,871	-18,868	180,349	1,840,843
Own Load Energy	2,078,757	1,873,521	1,870,534	1,904,147	2,408,169	2,644,408	3,103,814	3,193,237	2,665,300	2,132,394	1,845,516	2,121,655	27,841,453
Peak	3,906	3,663	3,356	3,865	4,885	5,463	6,023	6,023	5,441	4,517	3,383	3,908	6,023
Load Factor %	72%	73%	75%	68%	66%	67%	69%	71%	68%	63%	76%	73%	53%
Loss Percent	3%	0%	6%	10%	25%	14%	14%	13%	-2%	-6%	-1%	9%	7%
Diff from Average	0%	0%	1%	1%	4%	1%	1%	1%	0%	0%	0%	1%	1%
Peak Percent	65%	61%	56%	64%	81%	91%	100%	100%	90%	75%	56%	65%	#N/A
Diff from Average	-1%	-2%	-2%	-1%	0%	-1%	0%	0%	-2%	-2%	-1%	-1%	#N/A
Load Factor	72%	73%	75%	68%	66%	67%	69%	71%	68%	63%	76%	73%	53%
Diff from Average	0%	-1%	-2%	-2%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%

ARIZONA PUBLIC SERVICE COMPANY

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2003 Budget

MONTHLY MWH SALES, MW LOADS, AND MWH LOSSES Excluding Citizens

2005

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total/Max
ACC Sales	2,094,803	1,930,910	1,836,938	1,788,535	1,984,082	2,382,534	2,819,222	2,925,883	2,813,241	2,354,114	1,934,118	2,008,078	26,872,457
FERC Sales	14,932	15,448	11,167	17,102	22,480	23,591	21,138	21,035	21,015	14,751	11,721	14,557	208,936
Total Sales	2,109,735	1,946,358	1,848,105	1,805,637	2,006,561	2,406,125	2,840,359	2,946,918	2,834,257	2,368,865	1,945,838	2,022,634	27,081,394
Use & Losses	58,659	3,570	102,965	179,608	505,008	339,060	384,871	373,362	-55,318	-142,812	-19,671	188,058	1,917,363
Own Load Energy	2,168,395	1,949,929	1,951,070	1,985,246	2,511,570	2,745,185	3,225,231	3,320,280	2,778,938	2,226,053	1,926,168	2,210,692	28,998,756
Peak	4,072	3,907	3,497	4,026	5,091	5,678	6,269	6,269	5,669	4,708	3,526	4,071	6,269
Load Factor %	72%	74%	75%	68%	66%	67%	69%	71%	68%	64%	76%	73%	53%
Loss Percent	3%	0%	6%	10%	25%	14%	14%	13%	-2%	-6%	-1%	9%	7%
Diff from Average	0%	0%	1%	1%	4%	1%	1%	1%	0%	0%	0%	1%	1%
Peak Percent	65%	62%	56%	64%	81%	91%	100%	100%	90%	75%	56%	65%	#N/A
Diff from Average	-1%	0%	-2%	-1%	0%	-1%	0%	0%	-2%	-1%	-1%	-1%	#N/A
Load Factor	72%	74%	75%	68%	66%	67%	69%	71%	68%	64%	76%	73%	53%
Diff from Average	0%	0%	-2%	-2%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%

ARIZONA PUBLIC SERVICE COMPANY

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09/27/02

2003 Budget

MONTHLY MWH SALES, MW LOADS, AND MWH LOSSES Excluding Citizens

2006

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total/Max
ACC Sales	2,180,766	2,008,652	1,910,178	1,859,143	2,064,526	2,481,993	2,938,261	3,048,114	2,927,847	2,448,817	2,011,838	2,091,188	27,971,324
FERC Sales	15,081	15,603	11,279	17,273	22,704	23,826	21,349	21,245	21,226	14,899	11,838	14,702	211,026
Total Sales	2,195,847	2,024,255	1,921,457	1,876,416	2,087,230	2,505,820	2,959,611	3,069,359	2,949,072	2,463,716	2,023,676	2,105,891	28,182,349
Use & Losses	61,038	3,713	107,020	186,613	525,070	353,033	400,942	388,747	-57,584	-148,553	-20,465	195,737	1,995,310
Own Load Energy	2,256,885	2,027,967	2,028,477	2,063,029	2,612,300	2,858,853	3,360,552	3,458,106	2,891,488	2,315,162	2,003,211	2,301,628	30,177,660
Peak	4,238	4,063	3,637	4,187	5,296	5,911	6,522	6,522	5,899	4,898	3,668	4,237	6,522
Load Factor %	72%	74%	75%	68%	66%	67%	69%	71%	68%	64%	76%	73%	53%
Loss Percent	3%	0%	6%	10%	25%	14%	14%	13%	-2%	-6%	-1%	9%	7%
Diff from Average	0%	0%	1%	1%	4%	1%	1%	1%	0%	0%	0%	1%	1%
Peak Percent	65%	62%	56%	64%	81%	91%	100%	100%	90%	75%	56%	65%	#N/A
Diff from Average	-1%	0%	-2%	-1%	0%	-1%	0%	0%	-2%	-1%	-1%	-1%	#N/A
Load Factor	72%	74%	75%	68%	66%	67%	69%	71%	68%	64%	76%	73%	53%
Diff from Average	0%	0%	-2%	-2%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%

ARIZONA PUBLIC SERVICE COMPANY

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10/22/02

2003 Budget

MONTHLY MWH SALES, MW LOADS, AND MWH LOSSES Excluding Citizens

2007

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total/Max
ACC Sales	2,268,703	2,089,700	1,987,146	1,934,243	2,148,029	2,582,277	3,056,774	3,171,031	3,045,938	2,547,501	2,092,901	2,175,520	29,099,764
FERC Sales	15,232	15,759	11,392	17,446	22,931	24,065	21,563	21,457	21,438	15,048	11,956	14,849	213,136
Total Sales	2,283,935	2,105,459	1,998,537	1,951,690	2,170,960	2,606,342	3,078,337	3,192,488	3,067,376	2,562,549	2,104,857	2,190,370	29,312,900
Use & Losses	63,487	3,861	111,313	194,099	546,134	367,195	417,026	404,342	-59,894	-154,513	-21,286	203,589	2,075,353
Own Load Energy	2,347,422	2,109,320	2,109,851	2,145,789	2,717,094	2,973,537	3,495,363	3,596,830	3,007,482	2,408,036	2,083,571	2,393,959	31,388,254
Peak	4,410	4,229	3,784	4,357	5,511	6,151	6,787	6,787	6,138	5,097	3,817	4,409	6,787
Load Factor %	72%	74%	75%	68%	66%	67%	69%	71%	68%	64%	76%	73%	53%
Loss Percent	3%	0%	6%	10%	25%	14%	14%	13%	-2%	-6%	-1%	9%	7%
Diff from Average	0%	0%	1%	1%	4%	1%	1%	1%	0%	0%	0%	1%	1%
Peak Percent	65%	62%	56%	64%	81%	91%	100%	100%	90%	75%	56%	65%	#N/A
Diff from Average	-1%	0%	-2%	-1%	0%	-1%	0%	0%	-2%	-1%	-1%	-1%	#N/A
Load Factor	72%	74%	75%	68%	66%	67%	69%	71%	68%	64%	76%	73%	53%
Diff from Average	0%	0%	-2%	-2%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%

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ARIZONA PUBLIC SERVICE COMPANY

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10/22/02

2003 Budget

MONTHLY MWH SALES, MW LOADS, AND MWH LOSSES Excluding Citizens

2008

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total/Max
ACC Sales	2,361,815	2,175,519	2,068,643	2,013,767	2,236,451	2,688,467	3,182,263	3,301,182	3,170,981	2,651,993	2,178,734	2,264,816	30,294,632
FERC Sales	15,384	15,916	11,505	17,621	23,161	24,305	21,778	21,672	21,652	15,198	12,076	14,998	215,267
Total Sales	2,377,200	2,191,436	2,080,148	2,031,387	2,259,612	2,712,773	3,204,042	3,322,854	3,192,633	2,667,191	2,190,810	2,279,814	30,509,899
Use & Losses	66,079	4,019	115,859	202,025	568,435	382,190	434,055	420,853	-62,340	-160,822	-22,155	211,903	2,160,101
Own Load Energy	2,443,279	2,195,455	2,196,007	2,233,412	2,828,048	3,094,962	3,638,097	3,743,707	3,130,293	2,506,369	2,168,654	2,491,717	32,670,000
Peak	4,590	4,401	3,939	4,535	5,736	6,402	7,064	7,064	6,389	5,305	3,973	4,589	7,064
Load Factor %	72%	72%	75%	68%	66%	67%	69%	71%	68%	64%	76%	73%	53%
Loss Percent	3%	0%	6%	10%	25%	14%	14%	13%	-2%	-6%	-1%	9%	7%
Diff from Average	0%	0%	1%	1%	4%	1%	1%	1%	0%	0%	0%	1%	1%
Peak Percent	65%	62%	56%	64%	81%	91%	100%	100%	90%	75%	56%	65%	#N/A
Diff from Average	-1%	0%	-2%	-1%	0%	-1%	0%	0%	-2%	-1%	-1%	-1%	#N/A
Load Factor	72%	72%	75%	68%	66%	67%	69%	71%	68%	64%	76%	73%	53%
Diff from Average	0%	-3%	-2%	-2%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%

ARIZONA PUBLIC SERVICE COMPANY

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10/22/02

2003 Budget

MONTHLY MWH SALES, MW LOADS, AND MWH LOSSES Excluding Citizens

2009

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total/Max
ACC Sales	2,457,187	2,263,421	2,152,116	2,095,220	2,327,020	2,797,234	3,310,797	3,434,491	3,299,057	2,759,019	2,266,649	2,356,278	31,518,490
FERC Sales	15,538	16,076	11,621	17,797	23,392	24,548	21,996	21,889	21,869	15,350	12,197	15,148	217,420
Total Sales	2,472,725	2,279,497	2,163,737	2,113,017	2,350,412	2,821,783	3,332,793	3,456,380	3,320,926	2,774,370	2,278,845	2,371,426	31,735,910
Use & Losses	68,735	4,181	120,514	210,143	591,278	397,548	451,497	437,764	-64,845	-167,285	-23,045	220,418	2,246,902
Own Load Energy	2,541,460	2,283,677	2,284,251	2,323,160	2,941,690	3,219,330	3,784,290	3,894,145	3,256,081	2,607,085	2,255,800	2,591,844	33,982,813
Peak	4,780	4,583	4,102	4,722	5,973	6,667	7,357	7,357	6,653	5,524	4,137	4,779	7,357
Load Factor %	71%	74%	75%	68%	66%	67%	69%	71%	68%	63%	76%	73%	53%
Loss Percent	3%	0%	6%	10%	25%	14%	14%	13%	-2%	-6%	-1%	9%	7%
Diff from Average	0%	0%	1%	1%	4%	1%	1%	1%	0%	0%	0%	1%	1%
Peak Percent	65%	62%	56%	64%	81%	91%	100%	100%	90%	75%	56%	65%	#N/A
Diff from Average	-1%	0%	-2%	-1%	0%	-1%	0%	0%	-2%	-1%	-1%	-1%	#N/A
Load Factor	71%	74%	75%	68%	66%	67%	69%	71%	68%	63%	76%	73%	53%
Diff from Average	0%	0%	-2%	-2%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%

ARIZONA PUBLIC SERVICE COMPANY

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2003 Budget

MONTHLY MWH SALES, MW LOADS, AND MWH LOSSES Excluding Citizens

2010

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total/Max
ACC Sales	2,553,213	2,351,926	2,236,163	2,177,232	2,418,210	2,906,748	3,440,213	3,568,716	3,428,013	2,866,781	2,355,167	2,448,368	32,750,750
FERC Sales	15,694	16,236	11,737	17,975	23,626	24,794	22,216	22,108	22,087	15,504	12,319	15,299	219,594
Total Sales	2,568,907	2,368,162	2,247,900	2,195,207	2,441,837	2,931,542	3,462,429	3,590,823	3,450,100	2,882,285	2,367,486	2,463,667	32,970,345
Use & Losses	71,408	4,343	125,202	218,317	614,276	413,011	469,059	454,792	-67,367	-173,792	-23,942	228,992	2,334,300
Own Load Energy	2,640,315	2,372,506	2,373,102	2,413,524	3,056,113	3,344,553	3,931,488	4,045,615	3,382,733	2,708,493	2,343,544	2,692,659	35,304,645
Peak	4,982	4,776	4,275	4,921	6,225	6,948	7,667	7,667	6,934	5,757	4,312	4,981	7,667
Load Factor %	71%	74%	75%	68%	66%	67%	69%	71%	68%	63%	75%	73%	53%
Loss Percent	3%	0%	6%	10%	25%	14%	14%	13%	-2%	-6%	-1%	9%	7%
Diff from Average	0%	0%	1%	1%	4%	1%	1%	1%	0%	0%	0%	1%	1%
Peak Percent	65%	62%	56%	64%	81%	91%	100%	100%	90%	75%	56%	65%	#N/A
Diff from Average	-1%	0%	-2%	-1%	0%	-1%	0%	0%	-2%	-1%	-1%	-1%	#N/A
Load Factor	71%	74%	75%	68%	66%	67%	69%	71%	68%	63%	75%	73%	53%
Diff from Average	-1%	0%	-2%	-3%	0%	-1%	-1%	-1%	-1%	-1%	-2%	-1%	-1%

ARIZONA PUBLIC SERVICE COMPANY

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2003 Budget

MONTHLY MWH SALES, MW LOADS, AND MWH LOSSES Excluding Citizens

2011

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total/Max
ACC Sales	2,634,581	2,426,918	2,307,383	2,246,718	2,495,466	2,999,533	3,549,872	3,682,450	3,537,281	2,958,096	2,430,177	2,526,400	33,794,875
FERC Sales	15,851	16,399	11,854	18,154	23,863	25,042	22,438	22,329	22,308	15,659	12,442	15,452	221,790
Total Sales	2,650,432	2,443,317	2,319,237	2,264,872	2,519,329	3,024,575	3,572,310	3,704,779	3,559,590	2,973,755	2,442,618	2,541,853	34,016,666
Use & Losses	73,674	4,481	129,175	225,246	633,771	426,118	483,945	469,225	-69,505	-179,307	-24,702	236,259	2,408,380
Own Load Energy	2,724,106	2,447,798	2,448,413	2,490,118	3,153,100	3,450,693	4,056,255	4,174,004	3,490,084	2,794,448	2,417,917	2,778,111	36,425,046
Peak	5,142	4,930	4,412	5,080	6,425	7,172	7,914	7,914	7,157	5,943	4,451	5,141	7,914
Load Factor %	71%	74%	75%	68%	66%	67%	69%	71%	68%	63%	75%	73%	53%
Loss Percent	3%	0%	6%	10%	25%	14%	14%	13%	-2%	-6%	-1%	9%	7%
Diff from Average	0%	0%	1%	1%	4%	1%	1%	1%	0%	0%	0%	1%	1%
Peak Percent	65%	62%	56%	64%	81%	91%	100%	100%	90%	75%	56%	65%	#N/A
Diff from Average	-1%	0%	-2%	-1%	0%	-1%	0%	0%	-2%	-1%	-1%	-1%	#N/A
Load Factor	71%	74%	75%	68%	66%	67%	69%	71%	68%	63%	75%	73%	53%
Diff from Average	-1%	0%	-3%	-3%	0%	-1%	-1%	-1%	-1%	-1%	-2%	-1%	-1%

ARIZONA PUBLIC SERVICE COMPANY

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10/22/02

2003 Budget

MONTHLY MWH SALES, MW LOADS, AND MWH LOSSES Excluding Citizens

2012

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Total/Max
ACC Sales	2,714,925	2,500,965	2,377,707	2,315,327	2,571,747	3,091,148	3,658,149	3,794,752	3,645,174	3,048,261	2,504,242	2,603,450	34,825,848
FERC Sales	16,009	16,563	11,973	18,336	24,101	25,292	22,663	22,552	22,531	15,816	12,566	15,607	224,008
Total Sales	2,730,934	2,517,528	2,389,680	2,333,663	2,595,849	3,116,441	3,680,812	3,817,304	3,667,705	3,064,077	2,516,808	2,619,056	35,049,856
Use & Losses	75,912	4,617	133,099	232,087	653,020	439,060	498,644	483,477	-71,617	-184,753	-25,452	243,435	2,481,530
Own Load Energy	2,806,846	2,522,145	2,522,779	2,565,750	3,248,869	3,555,501	4,179,455	4,300,781	3,596,089	2,879,324	2,491,356	2,862,491	37,531,386
Peak	5,281	5,063	4,532	5,217	6,599	7,365	8,127	8,127	7,350	6,103	4,571	5,280	8,127
Load Factor %	71%	72%	75%	68%	66%	67%	69%	71%	68%	63%	76%	73%	53%
Loss Percent	3%	0%	6%	10%	25%	14%	14%	13%	-2%	-6%	-1%	9%	7%
Diff from Average	0%	0%	1%	1%	4%	1%	1%	1%	0%	0%	0%	1%	1%
Peak Percent	65%	62%	56%	64%	81%	91%	100%	100%	90%	75%	56%	65%	#N/A
Diff from Average	-1%	0%	-2%	-1%	0%	-1%	0%	0%	-2%	-1%	-1%	-1%	#N/A
Load Factor	71%	72%	75%	68%	66%	67%	69%	71%	68%	63%	76%	73%	53%
Diff from Average	0%	-3%	-2%	-2%	0%	-1%	-1%	-1%	-1%	-1%	-1%	-1%	-1%

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
01/01/03	2,271	2,220	2,201	2,230	2,272	2,394	2,553	2,743	2,813	2,788	2,723	2,621	2,531	2,430	2,367	2,327	2,387	2,568	2,790	2,843	2,795	2,716	2,532	2,330
01/02/03	2,270	2,235	2,198	2,235	2,331	2,650	3,039	3,228	3,152	3,001	2,898	2,814	2,720	2,688	2,624	2,606	2,618	2,785	3,009	3,015	2,978	2,879	2,658	2,411
01/03/03	2,295	2,257	2,248	2,283	2,417	2,658	3,102	3,315	3,221	3,080	2,968	2,818	2,739	2,692	2,600	2,572	2,604	2,695	2,922	2,933	2,859	2,825	2,677	2,479
01/04/03	2,368	2,296	2,296	2,320	2,376	2,508	2,721	2,942	3,020	2,983	2,879	2,741	2,640	2,535	2,461	2,421	2,450	2,613	2,853	2,848	2,794	2,714	2,587	2,417
01/05/03	2,374	2,327	2,310	2,348	2,396	2,520	2,690	2,898	2,974	2,942	2,861	2,740	2,639	2,526	2,455	2,411	2,476	2,672	2,912	2,961	2,915	2,826	2,632	2,419
01/06/03	2,357	2,303	2,329	2,363	2,511	2,797	3,246	3,487	3,400	3,259	3,119	2,949	2,843	2,795	2,696	2,712	2,731	2,925	3,205	3,179	3,160	3,039	2,794	2,548
01/07/03	2,469	2,447	2,414	2,463	2,570	2,924	3,334	3,544	3,441	3,245	3,087	2,962	2,830	2,780	2,694	2,674	2,700	2,923	3,197	3,188	3,159	3,066	2,844	2,588
01/08/03	2,662	2,636	2,585	2,624	2,721	3,090	3,516	3,715	3,598	3,378	3,206	3,056	2,904	2,855	2,760	2,742	2,788	3,072	3,383	3,364	3,349	3,280	3,051	2,795
01/09/03	2,607	2,576	2,527	2,569	2,666	3,025	3,440	3,643	3,534	3,312	3,141	2,999	2,852	2,802	2,710	2,690	2,729	3,004	3,314	3,301	3,284	3,210	2,985	2,731
01/10/03	2,556	2,526	2,520	2,572	2,726	2,971	3,427	3,686	3,582	3,392	3,220	3,018	2,891	2,815	2,689	2,657	2,717	2,897	3,163	3,138	3,059	3,040	2,899	2,686
01/11/03	2,472	2,401	2,406	2,436	2,501	2,635	2,860	3,100	3,186	3,132	3,004	2,840	2,721	2,602	2,517	2,470	2,501	2,700	2,960	2,926	2,871	2,795	2,672	2,506
01/12/03	2,387	2,341	2,324	2,363	2,413	2,537	2,708	2,919	2,995	2,963	2,880	2,757	2,654	2,539	2,468	2,423	2,489	2,688	2,930	2,978	2,933	2,842	2,648	2,433
01/13/03	2,321	2,268	2,291	2,324	2,469	2,755	3,200	3,437	3,350	3,212	3,076	2,914	2,812	2,767	2,671	2,685	2,699	2,882	3,157	3,139	3,120	3,001	2,756	2,511
01/14/03	2,289	2,257	2,220	2,256	2,354	2,678	3,070	3,260	3,179	3,029	2,918	2,828	2,730	2,696	2,630	2,615	2,632	2,800	3,028	3,031	2,996	2,896	2,677	2,429
01/15/03	2,255	2,221	2,185	2,217	2,312	2,628	3,015	3,201	3,124	2,984	2,885	2,803	2,712	2,681	2,619	2,604	2,620	2,778	2,996	3,002	2,964	2,864	2,644	2,398
01/16/03	2,270	2,235	2,198	2,235	2,331	2,650	3,039	3,228	3,152	3,001	2,898	2,814	2,720	2,688	2,624	2,606	2,618	2,785	3,009	3,015	2,978	2,879	2,658	2,411
01/17/03	2,264	2,224	2,214	2,245	2,377	2,614	3,053	3,257	3,167	3,036	2,933	2,792	2,722	2,680	2,592	2,566	2,594	2,674	2,891	2,908	2,834	2,799	2,650	2,451
01/18/03	2,267	2,193	2,186	2,202	2,249	2,373	2,566	2,763	2,844	2,836	2,767	2,663	2,583	2,493	2,431	2,397	2,426	2,559	2,771	2,786	2,731	2,646	2,513	2,338
01/19/03	2,200	2,144	2,122	2,146	2,183	2,294	2,440	2,613	2,683	2,672	2,628	2,552	2,483	2,400	2,346	2,309	2,363	2,527	2,727	2,780	2,728	2,647	2,463	2,265
01/20/03	2,229	2,176	2,156	2,185	2,225	2,343	2,497	2,675	2,744	2,726	2,671	2,562	2,482	2,397	2,340	2,302	2,359	2,531	2,740	2,793	2,744	2,665	2,482	2,287
01/21/03	2,161	2,121	2,079	2,105	2,191	2,485	2,854	3,025	2,969	2,862	2,789	2,728	2,656	2,635	2,583	2,571	2,583	2,713	2,906	2,918	2,876	2,771	2,554	2,312
01/22/03	2,174	2,135	2,096	2,121	2,209	2,505	2,877	3,050	2,990	2,878	2,803	2,740	2,664	2,642	2,589	2,576	2,589	2,723	2,919	2,930	2,888	2,785	2,567	2,324
01/23/03	2,165	2,124	2,084	2,111	2,198	2,492	2,862	3,035	2,979	2,864	2,793	2,732	2,659	2,638	2,586	2,570	2,579	2,713	2,909	2,922	2,880	2,778	2,558	2,316
01/24/03	2,184	2,138	2,124	2,147	2,269	2,498	2,915	3,094	3,021	2,917	2,841	2,727	2,677	2,648	2,573	2,551	2,573	2,627	2,814	2,843	2,769	2,727	2,575	2,375
01/25/03	2,210	2,153	2,123	2,161	2,214	2,397	2,694	2,878	2,908	2,852	2,773	2,665	2,626	2,550	2,481	2,481	2,517	2,723	2,919	2,883	2,788	2,726	2,568	2,346
01/26/03	1,970	1,929	1,906	1,923	1,949	2,056	2,192	2,304	2,371	2,380	2,330	2,253	2,188	2,107	2,036	2,022	2,029	2,162	2,380	2,523	2,465	2,354	2,186	1,976
01/27/03	1,964	1,933	1,893	1,915	2,024	2,256	2,611	2,737	2,743	2,713	2,704	2,653	2,647	2,631	2,625	2,624	2,623	2,692	2,794	2,839	2,761	2,644	2,401	2,147
01/28/03	2,177	2,131	2,105	2,147	2,224	2,490	2,883	3,068	3,016	2,907	2,825	2,763	2,700	2,668	2,649	2,612	2,631	2,729	2,903	2,939	2,883	2,758	2,548	2,306
01/29/03	2,032	1,959	1,943	1,963	2,051	2,292	2,644	2,794	2,751	2,704	2,690	2,669	2,649	2,631	2,630	2,637	2,629	2,668	2,810	2,843	2,755	2,633	2,397	2,154
01/30/03	2,177	2,131	2,105	2,149	2,227	2,491	2,884	3,070	3,020	2,904	2,825	2,764	2,701	2,668	2,650	2,609	2,625	2,727	2,902	2,940	2,884	2,761	2,548	2,306
01/31/03	2,188	2,142	2,129	2,153	2,275	2,504	2,923	3,103	3,029	2,923	2,846	2,731	2,679	2,650	2,574	2,552	2,574	2,629	2,818	2,846	2,773	2,731	2,579	2,379
02/01/03	2,232	2,155	2,141	2,149	2,187	2,300	2,470	2,645	2,736	2,761	2,724	2,648	2,588	2,511	2,458	2,430	2,457	2,573	2,759	2,773	2,717	2,627	2,491	2,317
02/02/03	2,256	2,201	2,180	2,204	2,241	2,352	2,498	2,670	2,739	2,727	2,682	2,604	2,535	2,451	2,397	2,360	2,414	2,578	2,777	2,830	2,778	2,699	2,516	2,320
02/03/03	2,206	2,156	2,163	2,189	2,314	2,587	2,996	3,192	3,117	3,022	2,929	2,813	2,746	2,720	2,649	2,654	2,654	2,792	3,025	3,033	3,006	2,892	2,645	2,405
02/04/03	2,331	2,299	2,263	2,298	2,394	2,714	3,101	3,289	3,210	3,063	2,954	2,866	2,771	2,738	2,673	2,658	2,674	2,839	3,063	3,067	3,032	2,932	2,716	2,470
02/05/03	2,360	2,329	2,295	2,332	2,430	2,753	3,143	3,335	3,251	3,095	2,981	2,888	2,786	2,750	2,682	2,666	2,684	2,858	3,089	3,091	3,056	2,959	2,741	2,494
02/06/03	2,413	2,384	2,351	2,394	2,496	2,829	3,225	3,425	3,336	3,159	3,030	2,927	2,815	2,774	2,700	2,680	2,697	2,890	3,138	3,138	3,105	3,011	2,790	2,542
02/07/03	2,445	2,419	2,418	2,467	2,613	2,861	3,319	3,561	3,455	3,291	3,150	2,974	2,871	2,808	2,700	2,665	2,706	2,830	3,076	3,066	2,988	2,955	2,809	2,609
02/08/03	2,578	2,505	2,513	2,545	2,612	2,743	2,964	3,207	3,300	3,249	3,121	2,952	2,829	2,705	2,616	2,568	2,600	2,818	3,077	3,028	2,975	2,900	2,777	2,613
02/09/03	2,411	2,365	2,347	2,384	2,431	2,553	2,720	2,925	2,999	2,968	2,889	2,772	2,672	2,562	2,493	2,449	2,513	2,706	2,941	2,990	2,944	2,857	2,666	2,456
02/10/03	2,359	2,307	2,329	2,361	2,504	2,787	3,226	3,459	3,374	3,238	3,105	2,946	2,847	2,803	2,710	2,723	2,736	2,914	3,184	3,169	3,150	3,032	2,790	2,547
02/11/03	2,273	2,237	2,198	2,229	2,321	2,627	3,006	3,185	3,116	2,988	2,897	2,822	2,738	2,711	2,653	2,640	2,654	2,801	3,008	3,016	2,978	2,877	2,661	2,418
02/12/03	2,332	2,300	2,265	2,299	2,395	2,714	3,100	3,289	3,208	3,060	2,954	2,867	2,771	2,738	2,673	2,657	2,675	2,840	3,063	3,067	3,031	2,933	2,715	2,470
02/13/03	2,256	2,218	2,179	2,210	2,300	2,602	2,977	3,155	3,091	2,962	2,878	2,809	2,728	2,704	2,647	2,631	2,641	2,786	2,991	3,001	2,962	2,862	2,644	2,402
02/14/03	2,259	2,214	2,202	2,228	2,351	2,581	3,002	3,187	3,108	2,996	2,913	2,791	2,735	2,703	2,624	2,602	2,625	2,685	2,880	2,906	2,833	2,794	2,645	2,447
02/15/03	2,248	2,172	2,159	2,170	2,208	2,324	2,498	2,677	2,766	2,783	2,740	2,660	2,595	2,516	2,462	2,432	2,460	2,579	2,769	2,785	2,729	2,641	2,505	2,331
02/16/03	2,219	2,163	2,139	2,160	2,194	2,300	2,440	2,604	2,675	2,671	2,636	2,570	2,508	2,431	2,380	2,346	2,397	2,554	2,743	2,796	2,744	2,663	2,481	2,287
02/17/03	2,149	2,096	2,098	2,120	2,236	2,496	2,886	3,064	3,002	2,932	2,862	2,764	2,710	2,691	2,628	2,632	2,632	2,754	2,970	2,979	2,947	2,830	2,586	2,350
02/18/03	2,098	2,021	2,002	2,020	2,106	2,340	2,684	2,836	2,803	2,764	2,756	2,741	2,727	2,715	2,720	2,732	2,724	2,755	2,884	2,914	2,828	2,703	2,466	2,221
02/19/03	2,226	2,182	2,157	2,198	2,274	2,536	2,925	3,108	3,056	2,948	2,869	2,808	2,745	2,712	2,694	2,656	2,676	2,774	2,945	2,981	2,925	2,802	2,593	2,353
02/20/03	2,227	2,181	2,155	2,199	2,276	2,537	2,927	3,111	3,061	2,947	2,868	2,808	2,745	2,713	2,695	2,654	2,670	2,771	2,945	2,982	2,926	2,804	2,593	2,354
02/21/03	2,054	2,010	2,009	2,020	2,086	2,316	2,691	2,827	2,796	2,738	2,699	2,675	2,622	2,610	2,587	2,564	2,562	2,591	2,688	2,720	2,649	2,573	2,403	2,222
02/22/03	2,259	2,203	2,173	2,211	2,263	2,444	2,738	2,920	2,950	2,894	2,816	2,710	2,671	2,596	2,527	2,527	2,563	2,767	2,961	2,925	2,832	2,770	2,614	2,394
02/23/03	2,030	1,987	1,962	1,977	2,000	2,102	2,232	2,343	2,415	2,431	2,390	2,323	2,266	2,194	2,131	2,123	2,131	2,256	2,460	2,597	2,540	2,426	2,254	2,043
02/24/03	2,029	1,995	1,951	1,970	2,078	2,302	2,649	2,779	2,796	2,777	2,778	2,737	2,742	2,735	2,738	2,744	2,744	2,802	2,886	2,927	2,849	2,729	2,480	2,223
02/25/03	2,129	2,045	2,020	2,035	2,117	2,341	2,673	2,833	2,818	2,795	2,801	2,800	2,797	2,796	2,811	2,831	2,826	2,844	2,950	2,973	2,888	2,757	2,509	2,257
02/26/03	2,093	2,018	2,001	2,019	2,105	2,340	2,685	2,836	2,799	2,758	2,749	2,732	2,716	2,702	2,705	2,715	2,708	2,742	2,874	2,905	2,818	2,695	2,458	2,215
02/27/03	2,080	2,006	1,991	2,013	2,102	2,342	2,693	2,841	2,799	2,743	2,729	2,706	2,686	2,667	2,665	2,669	2,656	2,700	2,845	2,880	2,793	2,674	2,440	2,201
02/28/03	2,364	2,322	2,308	2,352	2,435	2,692	3,088	3,241	3,184	3,002	2,876	2,770	2,669	2,609	2,561	2,555	2,561	2,669	2,862	2,866	2,846	2,820	2,694	2,474

APS Own Load Hourly mW Forecast

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Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
03/01/03	2,083	2,031	2,003	2,038	2,086	2,252	2,523	2,689	2,716	2,666	2,594	2,496	2,460	2,391	2,329	2,329	2,361	2,549	2,727	2,694	2,608	2,551	2,408	2,207
03/02/03	2,066	2,042	2,020	2,043	2,082	2,203	2,371	2,529	2,600	2,555	2,471	2,366	2,285	2,230	2,164	2,127	2,174	2,317	2,566	2,571	2,540	2,421	2,254	2,070
03/03/03	1,950	1,906	1,904	1,934	2,018	2,252	2,655	2,803	2,761	2,668	2,635	2,561	2,519	2,505	2,477	2,464	2,476	2,562	2,686	2,714	2,652	2,549	2,331	2,108
03/04/03	2,052	2,011	1,987	2,026	2,096	2,337	2,694	2,862	2,815	2,716	2,642	2,585	2,528	2,498	2,481	2,447	2,465	2,554	2,712	2,745	2,694	2,580	2,389	2,169
03/05/03	2,029	1,992	1,955	1,976	2,054	2,317	2,649	2,803	2,753	2,660	2,599	2,546	2,482	2,464	2,418	2,406	2,418	2,533	2,705	2,717	2,678	2,583	2,385	2,166
03/06/03	2,059	2,023	1,986	2,013	2,094	2,365	2,706	2,865	2,811	2,700	2,630	2,570	2,501	2,480	2,431	2,416	2,425	2,552	2,735	2,745	2,708	2,616	2,415	2,195
03/07/03	2,028	1,983	1,969	1,987	2,093	2,296	2,665	2,819	2,760	2,678	2,620	2,528	2,490	2,469	2,405	2,387	2,406	2,446	2,603	2,632	2,564	2,522	2,383	2,200
03/08/03	2,117	2,049	2,041	2,055	2,095	2,206	2,377	2,552	2,627	2,627	2,570	2,481	2,412	2,333	2,279	2,249	2,275	2,392	2,580	2,595	2,545	2,466	2,345	2,185
03/09/03	2,189	2,144	2,128	2,159	2,200	2,310	2,460	2,641	2,707	2,681	2,614	2,514	2,428	2,332	2,271	2,233	2,289	2,459	2,669	2,715	2,672	2,594	2,421	2,233
03/10/03	2,092	2,069	2,102	2,150	2,293	2,571	2,978	3,190	3,107	2,997	2,890	2,762	2,682	2,644	2,563	2,557	2,549	2,673	2,885	2,879	2,846	2,730	2,493	2,260
03/11/03	2,069	2,035	1,999	2,024	2,106	2,381	2,724	2,885	2,826	2,718	2,642	2,579	2,507	2,485	2,434	2,423	2,435	2,562	2,746	2,754	2,718	2,624	2,426	2,205
03/12/03	2,059	2,024	1,988	2,012	2,093	2,364	2,704	2,863	2,806	2,701	2,631	2,571	2,501	2,479	2,430	2,418	2,431	2,555	2,735	2,745	2,707	2,613	2,415	2,194
03/13/03	2,049	2,012	1,975	2,000	2,080	2,349	2,687	2,845	2,793	2,686	2,619	2,562	2,494	2,475	2,427	2,412	2,421	2,545	2,725	2,736	2,698	2,605	2,405	2,185
03/14/03	2,179	2,141	2,127	2,167	2,244	2,480	2,844	2,984	2,931	2,765	2,649	2,552	2,459	2,403	2,360	2,354	2,360	2,459	2,636	2,639	2,621	2,597	2,482	2,280
03/15/03	2,083	2,031	2,003	2,038	2,086	2,252	2,523	2,689	2,716	2,666	2,594	2,496	2,460	2,391	2,329	2,329	2,361	2,549	2,727	2,694	2,608	2,551	2,408	2,207
03/16/03	2,066	2,042	2,020	2,043	2,082	2,203	2,371	2,529	2,600	2,555	2,471	2,366	2,285	2,230	2,164	2,127	2,174	2,317	2,566	2,571	2,540	2,421	2,254	2,070
03/17/03	1,950	1,906	1,904	1,934	2,018	2,252	2,655	2,803	2,761	2,668	2,635	2,561	2,519	2,505	2,477	2,464	2,476	2,562	2,686	2,714	2,652	2,549	2,331	2,108
03/18/03	2,052	2,011	1,987	2,026	2,096	2,337	2,694	2,862	2,815	2,716	2,642	2,585	2,528	2,498	2,481	2,447	2,465	2,554	2,712	2,745	2,694	2,580	2,389	2,169
03/19/03	1,919	1,853	1,839	1,857	1,938	2,157	2,478	2,614	2,574	2,529	2,516	2,496	2,477	2,460	2,459	2,465	2,457	2,494	2,623	2,655	2,574	2,464	2,250	2,030
03/20/03	1,919	1,852	1,837	1,858	1,939	2,158	2,480	2,616	2,579	2,528	2,515	2,496	2,477	2,461	2,459	2,463	2,451	2,491	2,623	2,655	2,575	2,466	2,250	2,030
03/21/03	2,179	2,141	2,127	2,167	2,244	2,480	2,844	2,984	2,931	2,765	2,649	2,552	2,459	2,403	2,360	2,354	2,360	2,459	2,636	2,639	2,621	2,597	2,482	2,280
03/22/03	1,903	1,864	1,837	1,847	1,872	1,994	2,148	2,272	2,363	2,384	2,353	2,277	2,226	2,147	2,113	2,103	2,116	2,197	2,341	2,408	2,337	2,260	2,128	1,981
03/23/03	1,864	1,827	1,806	1,822	1,845	1,943	2,067	2,168	2,229	2,237	2,191	2,121	2,061	1,988	1,923	1,910	1,916	2,037	2,235	2,366	2,313	2,212	2,060	1,870
03/24/03	1,875	1,843	1,801	1,819	1,917	2,122	2,439	2,560	2,578	2,563	2,567	2,532	2,539	2,536	2,540	2,547	2,548	2,598	2,672	2,707	2,636	2,525	2,294	2,057
03/25/03	1,936	1,865	1,847	1,864	1,942	2,157	2,472	2,612	2,582	2,548	2,541	2,528	2,516	2,506	2,510	2,522	2,515	2,543	2,660	2,687	2,608	2,493	2,274	2,050
03/26/03	1,972	1,893	1,870	1,882	1,956	2,158	2,460	2,609	2,598	2,581	2,593	2,595	2,595	2,596	2,613	2,633	2,630	2,642	2,734	2,754	2,675	2,554	2,323	2,089
03/27/03	1,943	1,870	1,851	1,868	1,946	2,158	2,471	2,613	2,589	2,552	2,550	2,541	2,531	2,523	2,530	2,540	2,530	2,559	2,673	2,700	2,621	2,507	2,283	2,057
03/28/03	2,064	1,998	1,976	1,964	1,997	2,155	2,459	2,615	2,661	2,680	2,712	2,764	2,769	2,816	2,850	2,856	2,868	2,837	2,813	2,802	2,727	2,615	2,411	2,214
03/29/03	1,990	1,934	1,886	1,882	1,890	1,992	2,119	2,249	2,371	2,437	2,459	2,433	2,431	2,396	2,396	2,417	2,434	2,472	2,550	2,596	2,519	2,417	2,258	2,083
03/30/03	1,959	1,899	1,856	1,854	1,856	1,915	2,000	2,112	2,218	2,290	2,316	2,328	2,339	2,335	2,330	2,364	2,380	2,451	2,547	2,630	2,580	2,443	2,247	2,018
03/31/03	1,935	1,893	1,834	1,845	1,938	2,125	2,426	2,566	2,622	2,646	2,687	2,687	2,730	2,760	2,794	2,824	2,828	2,846	2,861	2,880	2,805	2,677	2,420	2,160
04/01/03	2,096	2,007	1,975	1,982	2,053	2,244	2,534	2,695	2,707	2,711	2,739	2,759	2,774	2,789	2,819	2,850	2,850	2,844	2,909	2,919	2,841	2,710	2,465	2,220
04/02/03	2,133	2,037	2,001	2,004	2,070	2,250	2,529	2,699	2,727	2,746	2,792	2,825	2,850	2,875	2,915	2,954	2,957	2,939	2,982	2,985	2,905	2,769	2,514	2,261
04/03/03	2,047	1,967	1,944	1,959	2,035	2,239	2,546	2,696	2,685	2,659	2,669	2,670	2,669	2,669	2,685	2,701	2,693	2,711	2,809	2,831	2,752	2,632	2,399	2,165
04/04/03	2,019	1,971	1,963	1,967	2,020	2,216	2,550	2,685	2,678	2,645	2,630	2,629	2,595	2,601	2,597	2,584	2,586	2,595	2,650	2,669	2,601	2,518	2,347	2,170
04/05/03	1,939	1,909	1,894	1,911	1,946	2,082	2,253	2,375	2,449	2,446	2,385	2,279	2,200	2,093	2,040	2,011	2,022	2,130	2,312	2,392	2,322	2,258	2,142	2,010
04/06/03	1,962	1,919	1,893	1,904	1,923	2,012	2,127	2,231	2,303	2,327	2,298	2,247	2,204	2,147	2,097	2,096	2,105	2,214	2,389	2,508	2,457	2,346	2,182	1,981
04/07/03	2,029	1,978	1,977	1,995	2,095	2,325	2,670	2,825	2,780	2,733	2,681	2,600	2,558	2,543	2,490	2,494	2,494	2,598	2,787	2,793	2,759	2,649	2,427	2,213
04/08/03	2,227	2,196	2,163	2,195	2,284	2,579	2,936	3,109	3,037	2,902	2,802	2,722	2,634	2,604	2,544	2,530	2,545	2,697	2,903	2,907	2,874	2,782	2,582	2,355
04/09/03	2,091	2,053	2,015	2,035	2,110	2,370	2,700	2,852	2,807	2,719	2,663	2,614	2,553	2,536	2,492	2,481	2,492	2,603	2,772	2,785	2,745	2,648	2,450	2,230
04/10/03	2,066	2,024	1,985	2,005	2,077	2,328	2,651	2,799	2,763	2,681	2,633	2,590	2,534	2,521	2,479	2,466	2,473	2,580	2,745	2,761	2,718	2,623	2,423	2,205
04/11/03	1,990	1,947	1,943	1,951	2,008	2,215	2,557	2,686	2,666	2,620	2,592	2,577	2,534	2,530	2,515	2,497	2,497	2,517	2,593	2,619	2,552	2,477	2,315	2,143
04/12/03	1,987	1,946	1,918	1,927	1,951	2,073	2,227	2,352	2,445	2,469	2,440	2,366	2,318	2,240	2,208	2,200	2,213	2,293	2,433	2,500	2,428	2,349	2,215	2,065
04/13/03	2,146	2,122	2,100	2,122	2,162	2,284	2,453	2,612	2,683	2,639	2,554	2,448	2,367	2,311	2,245	2,208	2,255	2,399	2,649	2,655	2,624	2,503	2,335	2,150
04/14/03	1,971	1,936	1,888	1,904	2,001	2,201	2,515	2,643	2,674	2,672	2,688	2,665	2,684	2,692	2,706	2,722	2,723	2,763	2,817	2,848	2,775	2,657	2,416	2,170
04/15/03	2,132	2,091	2,067	2,105	2,176	2,419	2,779	2,947	2,900	2,801	2,726	2,669	2,611	2,581	2,564	2,530	2,548	2,638	2,797	2,830	2,779	2,664	2,472	2,250
04/16/03	2,079	1,994	1,966	1,975	2,046	2,241	2,536	2,693	2,697	2,692	2,716	2,730	2,739	2,748	2,774	2,801	2,800	2,801	2,875	2,889	2,810	2,683	2,443	2,201
04/17/03	2,077	1,991	1,963	1,974	2,046	2,242	2,538	2,696	2,700	2,689	2,711	2,725	2,733	2,743	2,767	2,791	2,786	2,791	2,870	2,885	2,806	2,681	2,439	2,198
04/18/03	2,088	2,029	2,013	2,007	2,049	2,224	2,541	2,689	2,713	2,709	2,721	2,751	2,739	2,769	2,787	2,785	2,793	2,778	2,787	2,789	2,717	2,617	2,426	2,237
04/19/03	2,033	1,983	1,943	1,945	1,960	2,071	2,209	2,337	2,447	2,495	2,496	2,450	2,428	2,376	2,362	2,371	2,387	2,442	2,546	2,602	2,527	2,434	2,285	2,120
04/20/03	1,996	1,944	1,910	1,915	1,926	2,000	2,101	2,209	2,298	2,344	2,342	2,322	2,305	2,274	2,246	2,262	2,275	2,365	2,502	2,604	2,554	2,430	2,250	2,035
04/21/03	2,001	1,961	1,905	1,917	2,011	2,203	2,510	2,647	2,696	2,713	2,747	2,741	2,778	2,802	2,830	2,857	2,860	2,884	2,910	2,932	2,858	2,732	2,478	2,220
04/22/03	2,115	2,022	1,987	1,993	2,061	2,247	2,531	2,697	2,718	2,730	2,766	2,792	2,813	2,833	2,869	2,905	2,906	2,893	2,947	2,953	2,874	2,740	2,491	2,241
04/23/03	2,136	2,040	2,003	2,006	2,072	2,251	2,529	2,700	2,729	2,750	2,797	2,831	2,857	2,883	2,924	2,964	2,967	2,948	2,989	2,991	2,911	2,775	2,519	2,265
04/24/03	2,197	2,088	2,043	2,042	2,104	2,269	2,531	2,716	2,773	2,811	2,879	2,934	2,977	3,017	3,073	3,122	3,124	3,089	3,104	3,095	3,014	2,870	2,598	2,333
04/25/03	2,232	2,155	2,124	2,103	2,125	2,262	2,553	2,727	2,805	2,855	2,916	3,002	3,029	3,100	3,155	3,173	3,191	3,139	3,071	3,040	2,959	2,829	2,602	2,392
04/26/03	2,149	2,079	2,015	2,001	1,995	2,084	2,193	2,330	2,477	2,578	2,642	2,653	2,690	2,686	2,711	2,755	2,774	2,781	2,812	2,841	2,756	2,636	2,454	2,257
04/27/03	2,116	2,041	1,984	1,972	1,962	2,000	2,067	2,186	2,318	2,428	2,495	2,552	2,603	2,634	2,661	2,720	2,738	2,783	2,826	2,882	2,832	2,673	2,452	2,200
04/28/03	2,316	2,228	2,094	2,065	2,136	2,254	2,502	2,673	2,824	2,930	3,054	3,123	3,244	3,327	3,411	3,477	3,472	3,462	3,375	3,359	3,300	3,171	2,878	2,589
04/29/03	2,578	2,392	2,296	2,257	2,283	2,375	2,552	2,793	2,935	3,058	3,208	3,335	3,423	3,497	3,591	3,676	3,677	3,611	3,566	3,517	3,445	3,303	3,011	2,732
04/30/03	2,362	2,226	2,165	2,151	2,203	2,337	2,564	2,782	2,890	2,983	3,101	3,200	3,275	3,344	3,430	3,507	3,519	3,445	3,401	3,359	3,269	3,107	2,806	2,515

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
05/01/03	2,508	2,352	2,281	2,268	2,325	2,474	2,727	2,974	3,102	3,204	3,340	3,456	3,543	3,622	3,721	3,807	3,815	3,733	3,684	3,634	3,532	3,351	3,009	2,681
05/02/03	2,565	2,458	2,410	2,368	2,370	2,484	2,790	3,019	3,171	3,286	3,411	3,578	3,646	3,770	3,869	3,908	3,943	3,854	3,701	3,621	3,515	3,340	3,039	2,786
05/03/03	2,295	2,210	2,131	2,111	2,098	2,191	2,305	2,462	2,640	2,769	2,861	2,890	2,948	2,958	2,998	3,056	3,079	3,072	3,086	3,110	3,011	2,869	2,654	2,425
05/04/03	2,306	2,210	2,133	2,110	2,086	2,112	2,171	2,311	2,482	2,640	2,752	2,856	2,946	3,012	3,067	3,155	3,175	3,203	3,205	3,244	3,184	2,988	2,721	2,420
05/05/03	2,221	2,160	2,067	2,068	2,168	2,353	2,674	2,855	2,971	3,048	3,144	3,188	3,284	3,357	3,431	3,493	3,502	3,486	3,431	3,422	3,332	3,168	2,843	2,519
05/06/03	2,206	2,104	2,067	2,073	2,151	2,362	2,683	2,866	2,886	2,896	2,933	2,959	2,980	3,000	3,037	3,076	3,076	3,065	3,130	3,139	3,051	2,902	2,625	2,347
05/07/03	2,193	2,094	2,060	2,067	2,146	2,359	2,684	2,865	2,877	2,880	2,914	2,936	2,952	2,967	3,001	3,035	3,036	3,031	3,103	3,115	3,026	2,881	2,606	2,331
05/08/03	2,192	2,091	2,057	2,067	2,147	2,360	2,686	2,868	2,882	2,878	2,911	2,933	2,949	2,965	2,998	3,029	3,025	3,024	3,100	3,113	3,025	2,881	2,605	2,330
05/09/03	2,177	2,113	2,095	2,090	2,138	2,336	2,694	2,858	2,881	2,874	2,884	2,914	2,900	2,930	2,948	2,945	2,953	2,938	2,953	2,958	2,878	2,767	2,555	2,345
05/10/03	2,087	2,038	2,003	2,010	2,034	2,167	2,334	2,475	2,585	2,620	2,598	2,525	2,480	2,401	2,371	2,368	2,384	2,465	2,610	2,681	2,599	2,506	2,351	2,177
05/11/03	2,082	2,023	1,985	1,991	2,003	2,087	2,199	2,320	2,420	2,473	2,470	2,448	2,429	2,394	2,363	2,381	2,395	2,497	2,650	2,764	2,708	2,569	2,367	2,125
05/12/03	2,217	2,156	2,064	2,065	2,165	2,352	2,673	2,854	2,968	3,044	3,138	3,181	3,276	3,348	3,421	3,483	3,492	3,476	3,423	3,415	3,325	3,162	2,838	2,514
05/13/03	2,386	2,250	2,190	2,182	2,245	2,415	2,691	2,914	3,004	3,080	3,179	3,263	3,328	3,389	3,468	3,540	3,549	3,486	3,470	3,442	3,349	3,176	2,858	2,547
05/14/03	2,407	2,268	2,208	2,197	2,259	2,424	2,695	2,922	3,018	3,099	3,208	3,298	3,366	3,431	3,514	3,588	3,599	3,532	3,508	3,476	3,381	3,207	2,884	2,569
05/15/03	2,462	2,313	2,246	2,235	2,295	2,450	2,711	2,950	3,066	3,155	3,279	3,384	3,463	3,537	3,628	3,708	3,715	3,641	3,604	3,563	3,464	3,286	2,952	2,630
05/16/03	2,485	2,384	2,340	2,304	2,314	2,440	2,752	2,969	3,099	3,196	3,301	3,445	3,502	3,611	3,699	3,732	3,762	3,681	3,552	3,488	3,387	3,222	2,936	2,688
05/17/03	2,404	2,306	2,209	2,180	2,151	2,232	2,329	2,495	2,700	2,868	3,005	3,072	3,171	3,210	3,276	3,353	3,377	3,341	3,310	3,312	3,202	3,042	2,806	2,557
05/18/03	2,489	2,374	2,275	2,239	2,196	2,199	2,239	2,392	2,596	2,808	2,973	3,130	3,269	3,373	3,458	3,574	3,590	3,588	3,531	3,535	3,466	3,244	2,950	2,622
05/19/03	2,505	2,422	2,283	2,266	2,363	2,508	2,802	3,015	3,212	3,357	3,521	3,622	3,783	3,897	4,014	4,108	4,120	4,069	3,925	3,862	3,756	3,572	3,200	2,833
05/20/03	2,623	2,451	2,371	2,351	2,403	2,539	2,774	3,041	3,194	3,328	3,489	3,627	3,731	3,823	3,936	4,038	4,051	3,950	3,875	3,804	3,694	3,502	3,147	2,806
05/21/03	2,692	2,512	2,429	2,405	2,455	2,583	2,808	3,087	3,254	3,399	3,577	3,729	3,839	3,937	4,057	4,165	4,179	4,071	3,986	3,903	3,786	3,592	3,228	2,881
05/22/03	2,716	2,531	2,446	2,424	2,474	2,599	2,823	3,107	3,280	3,423	3,605	3,762	3,875	3,975	4,097	4,204	4,213	4,107	4,022	3,936	3,818	3,623	3,256	2,907
05/23/03	2,748	2,630	2,577	2,524	2,511	2,602	2,903	3,156	3,347	3,497	3,655	3,869	3,955	4,103	4,219	4,268	4,312	4,215	4,025	3,913	3,793	3,604	3,274	3,013
05/24/03	2,616	2,502	2,378	2,336	2,282	2,351	2,429	2,613	2,860	3,084	3,291	3,405	3,563	3,634	3,736	3,836	3,859	3,787	3,697	3,667	3,533	3,354	3,086	2,811
05/25/03	2,668	2,541	2,425	2,381	2,322	2,314	2,347	2,511	2,736	2,987	3,186	3,376	3,545	3,669	3,768	3,900	3,906	3,888	3,799	3,783	3,702	3,464	3,153	2,807
05/26/03	3,023	2,894	2,741	2,706	2,618	2,607	2,648	2,809	3,117	3,467	3,709	4,004	4,192	4,279	4,452	4,610	4,644	4,573	4,386	4,342	4,157	3,943	3,645	3,338
05/27/03	3,111	2,867	2,749	2,707	2,739	2,825	2,994	3,326	3,538	3,721	3,948	4,143	4,268	4,364	4,494	4,617	4,607	4,507	4,433	4,318	4,192	4,016	3,654	3,313
05/28/03	3,154	2,904	2,785	2,740	2,770	2,852	3,014	3,351	3,565	3,749	3,982	4,181	4,305	4,397	4,528	4,650	4,650	4,551	4,479	4,362	4,233	4,059	3,697	3,357
05/29/03	3,115	2,867	2,749	2,707	2,738	2,822	2,989	3,322	3,535	3,710	3,938	4,134	4,258	4,352	4,482	4,599	4,626	4,527	4,453	4,337	4,207	4,030	3,663	3,319
05/30/03	3,007	2,867	2,801	2,722	2,675	2,727	3,018	3,286	3,501	3,666	3,843	4,099	4,178	4,335	4,448	4,486	4,531	4,466	4,276	4,157	4,052	3,881	3,552	3,321
05/31/03	2,631	2,516	2,390	2,348	2,293	2,361	2,438	2,623	2,873	3,101	3,311	3,428	3,589	3,662	3,765	3,867	3,890	3,815	3,723	3,691	3,555	3,375	3,105	2,829
06/01/03	2,816	2,688	2,568	2,523	2,459	2,448	2,478	2,642	2,869	3,127	3,333	3,529	3,703	3,829	3,928	4,062	4,061	4,040	3,943	3,921	3,837	3,600	3,293	2,949
06/02/03	2,664	2,579	2,431	2,410	2,505	2,635	2,913	3,127	3,338	3,492	3,668	3,777	3,948	4,064	4,185	4,283	4,293	4,241	4,083	4,006	3,899	3,719	3,349	2,983
06/03/03	2,760	2,584	2,501	2,479	2,527	2,650	2,867	3,139	3,304	3,448	3,620	3,769	3,878	3,974	4,091	4,198	4,210	4,104	4,021	3,938	3,825	3,635	3,283	2,945
06/04/03	2,740	2,566	2,486	2,463	2,512	2,636	2,855	3,124	3,284	3,423	3,594	3,740	3,846	3,940	4,056	4,160	4,173	4,069	3,988	3,909	3,796	3,608	3,257	2,922
06/05/03	2,644	2,482	2,407	2,391	2,443	2,578	2,811	3,064	3,207	3,322	3,472	3,600	3,695	3,782	3,887	3,979	3,987	3,898	3,834	3,772	3,668	3,486	3,145	2,818
06/06/03	2,600	2,498	2,453	2,414	2,418	2,532	2,830	3,048	3,189	3,295	3,411	3,566	3,629	3,745	3,837	3,874	3,906	3,822	3,681	3,608	3,506	3,340	3,052	2,809
06/07/03	2,440	2,349	2,259	2,233	2,209	2,289	2,387	2,546	2,738	2,891	3,013	3,069	3,156	3,187	3,245	3,316	3,339	3,311	3,290	3,297	3,194	3,043	2,819	2,583
06/08/03	2,243	2,169	2,115	2,107	2,103	2,155	2,237	2,362	2,493	2,592	2,644	2,683	2,718	2,734	2,746	2,798	2,817	2,879	2,954	3,028	2,974	2,812	2,585	2,322
06/09/03	2,241	2,187	2,107	2,112	2,211	2,400	2,718	2,885	2,977	3,034	3,108	3,135	3,211	3,268	3,326	3,377	3,384	3,381	3,353	3,357	3,272	3,120	2,818	2,515
06/10/03	2,489	2,352	2,290	2,279	2,338	2,496	2,755	2,978	3,079	3,163	3,271	3,363	3,434	3,500	3,583	3,658	3,668	3,599	3,571	3,536	3,444	3,272	2,957	2,649
06/11/03	2,616	2,459	2,388	2,370	2,423	2,560	2,797	3,044	3,178	3,293	3,437	3,559	3,650	3,732	3,834	3,926	3,939	3,849	3,788	3,730	3,628	3,447	3,111	2,787
06/12/03	2,645	2,482	2,408	2,391	2,444	2,578	2,811	3,064	3,207	3,322	3,472	3,601	3,696	3,782	3,888	3,979	3,988	3,898	3,834	3,772	3,668	3,487	3,145	2,819
06/13/03	2,728	2,618	2,568	2,520	2,513	2,610	2,902	3,138	3,309	3,442	3,583	3,773	3,850	3,985	4,091	4,136	4,175	4,083	3,912	3,815	3,704	3,526	3,217	2,967
06/14/03	2,611	2,504	2,391	2,353	2,308	2,377	2,457	2,630	2,858	3,061	3,243	3,343	3,480	3,542	3,633	3,725	3,748	3,686	3,613	3,592	3,469	3,300	3,048	2,788
06/15/03	2,641	2,523	2,418	2,379	2,329	2,325	2,360	2,514	2,723	2,949	3,128	3,299	3,449	3,563	3,653	3,775	3,785	3,774	3,700	3,693	3,620	3,396	3,102	2,774
06/16/03	2,906	2,812	2,634	2,603	2,703	2,814	3,082	3,306	3,559	3,738	3,944	4,072	4,271	4,390	4,524	4,629	4,637	4,587	4,399	4,291	4,172	3,994	3,605	3,220
06/17/03	2,963	2,761	2,668	2,642	2,687	2,795	2,991	3,295	3,491	3,662	3,869	4,048	4,173	4,278	4,409	4,530	4,539	4,421	4,324	4,210	4,078	3,881	3,513	3,161
06/18/03	3,029	2,820	2,726	2,698	2,743	2,846	3,034	3,349	3,552	3,730	3,948	4,136	4,264	4,369	4,504	4,629	4,637	4,516	4,416	4,294	4,156	3,959	3,585	3,231
06/19/03	3,026	2,817	2,722	2,697	2,741	2,845	3,034	3,350	3,555	3,726	3,944	4,132	4,260	4,366	4,501	4,622	4,626	4,509	4,412	4,291	4,153	3,958	3,582	3,228
06/20/03	3,276	3,152	3,108	3,038	2,992	3,040	3,342	3,634	3,874	4,058	4,260	4,555	4,641	4,818	4,945	4,992	5,062	4,974	4,744	4,582	4,442	4,242	3,878	3,630
06/21/03	2,944	2,825	2,678	2,631	2,552	2,620	2,687	2,885	3,160	3,425	3,684	3,823	4,025	4,103	4,226	4,336	4,353	4,258	4,138	4,083	3,922	3,742	3,459	3,177
06/22/03	2,972	2,838	2,706	2,658	2,584	2,571	2,601	2,774	3,011	3,293	3,517	3,727	3,915	4,046	4,146	4,288	4,276	4,249	4,141	4,113	4,019	3,773	3,459	3,103
06/23/03	3,082	2,985	2,784	2,748	2,856	2,955	3,218	3,447	3,725	3,916	4,140	4,276	4,491	4,607	4,746	4,853	4,858	4,814	4,611	4,486	4,362	4,188	3,791	3,395
06/24/03	3,466	3,184	3,050	2,997	3,018	3,076	3,197	3,556	3,777	3,964	4,205	4,412	4,527	4,599	4,724	4,842	4,880	4,788	4,736	4,613	4,482	4,329	3,987	3,667
06/25/03	3,355	3,112	3,008	2,979	3,024	3,112	3,272	3,636	3,870	4,073	4,329	4,550	4,687	4,789	4,935	5,074	5,072	4,942	4,843	4,686	4,519	4,321	3,935	3,572
06/26/03	3,780	3,461	3,318	3,266	3,289	3,325	3,407	3,814	4,062	4,261	4,528	4,761	4,875	4,933	5,068	5,192	5,190	5,085	5,035	4,908	4,770	4,629	4,288	3,976
06/27/03	3,469	3,322	3,263	3,163	3,077	3,082	3,365	3,648	3,875	4,041	4,231	4,533	4,586	4,747	4,854	4,872	4,931	4,895	4,695	4,572	4,479	4,324	4,000	3,809
06/28/03	3,158	3,037	2,873	2,824	2,726	2,802	2,868	3,076	3,371	3,660	3,949	4,095	4,323	4,397	4,527	4,644	4,655	4,547	4,415	4,353	4,170	3,993	3,699	3,411
06/29/03	3,169	3,030	2,886	2,837	2,749	2,737	2,769	2,954	3,201	3,507	3,747	3,970	4,170	4,303	4,400	4,552	4,523	4,495	4,378	4,350	4,246	3,991	3,668	3,297
06/30/03	3,046	2,949	2,753	2,718	2,824	2,925	3,189	3,417	3,691	3,879	4,100	4,234	4,446	4,563	4,701	4,808	4,814	4,769	4,568	4,446	4,323	4,148	3,752	3,358

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
07/01/03	3,227	3,021	2,929	2,904	2,944	3,030	3,186	3,495	3,696	3,872	4,087	4,274	4,397	4,492	4,620	4,741	4,743	4,628	4,538	4,408	4,268	4,088	3,745	3,419
07/02/03	3,286	3,074	2,982	2,955	2,996	3,078	3,228	3,546	3,752	3,931	4,155	4,349	4,472	4,565	4,695	4,818	4,819	4,703	4,613	4,477	4,332	4,153	3,806	3,480
07/03/03	3,318	3,101	3,007	2,983	3,024	3,105	3,253	3,577	3,788	3,963	4,190	4,387	4,511	4,605	4,736	4,857	4,853	4,739	4,652	4,514	4,366	4,189	3,840	3,512
07/04/03	3,451	3,360	3,210	3,192	3,091	3,074	3,123	3,273	3,555	3,873	4,092	4,429	4,621	4,675	4,840	4,983	4,975	4,880	4,685	4,617	4,419	4,260	4,059	3,821
07/05/03	3,474	3,368	3,196	3,153	3,034	3,120	3,177	3,371	3,654	3,935	4,225	4,355	4,591	4,644	4,763	4,883	4,884	4,765	4,633	4,585	4,396	4,249	3,973	3,706
07/06/03	3,394	3,268	3,125	3,084	2,990	2,983	3,012	3,191	3,424	3,722	3,951	4,164	4,357	4,477	4,561	4,711	4,666	4,642	4,527	4,511	4,412	4,171	3,869	3,512
07/07/03	3,432	3,348	3,123	3,085	3,203	3,278	3,507	3,719	4,010	4,196	4,431	4,561	4,783	4,880	5,012	5,113	5,108	5,084	4,869	4,743	4,627	4,487	4,117	3,743
07/08/03	3,761	3,499	3,394	3,369	3,414	3,473	3,572	3,963	4,209	4,419	4,683	4,916	5,044	5,121	5,267	5,406	5,392	5,248	5,154	4,991	4,820	4,644	4,291	3,962
07/09/03	3,867	3,594	3,487	3,461	3,507	3,556	3,639	4,047	4,304	4,522	4,796	5,039	5,166	5,238	5,391	5,534	5,518	5,361	5,260	5,097	4,923	4,749	4,394	4,065
07/10/03	4,090	3,784	3,662	3,631	3,674	3,692	3,728	4,172	4,454	4,682	4,970	5,230	5,354	5,414	5,578	5,723	5,711	5,527	5,410	5,264	5,105	4,943	4,594	4,278
07/11/03	3,921	3,810	3,797	3,713	3,617	3,592	3,862	4,160	4,396	4,569	4,781	5,130	5,175	5,361	5,497	5,514	5,619	5,522	5,228	5,074	4,953	4,750	4,403	4,199
07/12/03	3,415	3,309	3,141	3,098	2,985	3,068	3,126	3,320	3,600	3,877	4,163	4,294	4,524	4,580	4,699	4,815	4,818	4,704	4,575	4,524	4,339	4,189	3,915	3,649
07/13/03	3,305	3,180	3,042	2,999	2,912	2,903	2,932	3,106	3,335	3,624	3,848	4,056	4,243	4,363	4,448	4,592	4,555	4,530	4,421	4,399	4,302	4,065	3,768	3,421
07/14/03	3,348	3,262	3,049	3,012	3,124	3,201	3,432	3,644	3,925	4,107	4,334	4,462	4,677	4,776	4,906	5,005	5,003	4,975	4,770	4,645	4,528	4,383	4,015	3,646
07/15/03	3,535	3,296	3,197	3,172	3,214	3,286	3,413	3,768	3,995	4,191	4,435	4,650	4,776	4,863	5,000	5,132	5,124	4,997	4,910	4,755	4,593	4,415	4,064	3,735
07/16/03	3,363	3,143	3,049	3,023	3,063	3,142	3,286	3,615	3,827	4,012	4,243	4,444	4,568	4,660	4,792	4,917	4,916	4,798	4,708	4,566	4,414	4,235	3,887	3,559
07/17/03	3,460	3,228	3,131	3,108	3,149	3,224	3,359	3,704	3,926	4,111	4,351	4,561	4,687	4,775	4,911	5,037	5,028	4,909	4,823	4,674	4,516	4,339	3,987	3,658
07/18/03	3,208	3,097	3,055	2,994	2,957	3,006	3,277	3,534	3,745	3,909	4,086	4,341	4,421	4,577	4,691	4,735	4,793	4,713	4,511	4,370	4,246	4,067	3,743	3,517
07/19/03	3,165	3,056	2,908	2,864	2,776	2,845	2,904	3,092	3,357	3,617	3,877	4,008	4,213	4,280	4,397	4,502	4,512	4,416	4,297	4,242	4,077	3,917	3,652	3,392
07/20/03	3,220	3,095	2,963	2,919	2,837	2,827	2,855	3,024	3,250	3,529	3,748	3,951	4,134	4,254	4,341	4,480	4,450	4,425	4,319	4,294	4,199	3,967	3,674	3,336
07/21/03	3,344	3,258	3,045	3,009	3,120	3,198	3,429	3,640	3,921	4,103	4,329	4,458	4,672	4,771	4,900	5,000	4,998	4,970	4,765	4,640	4,524	4,378	4,011	3,641
07/22/03	3,009	2,827	2,742	2,718	2,759	2,856	3,031	3,307	3,486	3,642	3,830	3,992	4,106	4,201	4,320	4,430	4,438	4,331	4,242	4,138	4,018	3,840	3,507	3,190
07/23/03	3,169	2,969	2,880	2,854	2,894	2,982	3,142	3,443	3,638	3,808	4,019	4,201	4,321	4,417	4,543	4,661	4,665	4,553	4,462	4,338	4,203	4,024	3,681	3,358
07/24/03	2,950	2,773	2,691	2,670	2,712	2,811	2,993	3,261	3,433	3,575	3,756	3,912	4,022	4,115	4,231	4,334	4,340	4,239	4,155	4,061	3,946	3,772	3,440	3,125
07/25/03	2,933	2,827	2,781	2,731	2,713	2,784	3,048	3,279	3,459	3,601	3,751	3,956	4,035	4,173	4,278	4,323	4,367	4,281	4,104	3,993	3,884	3,714	3,415	3,186
07/26/03	2,889	2,783	2,659	2,618	2,555	2,615	2,677	2,849	3,087	3,312	3,529	3,648	3,815	3,885	3,990	4,086	4,103	4,025	3,924	3,882	3,747	3,584	3,336	3,085
07/27/03	3,042	2,921	2,799	2,756	2,686	2,674	2,701	2,860	3,076	3,335	3,540	3,733	3,905	4,024	4,113	4,244	4,229	4,205	4,106	4,080	3,993	3,769	3,484	3,160
07/28/03	3,021	2,935	2,765	2,734	2,828	2,922	3,162	3,367	3,606	3,773	3,967	4,086	4,273	4,379	4,502	4,598	4,604	4,561	4,385	4,279	4,170	4,011	3,656	3,304
07/29/03	3,371	3,149	3,054	3,029	3,069	3,149	3,292	3,623	3,836	4,022	4,252	4,452	4,578	4,669	4,802	4,928	4,925	4,806	4,718	4,574	4,423	4,243	3,896	3,568
07/30/03	3,542	3,303	3,204	3,178	3,221	3,292	3,417	3,774	4,000	4,195	4,443	4,659	4,785	4,870	5,008	5,139	5,132	5,006	4,917	4,762	4,599	4,422	4,070	3,741
07/31/03	3,517	3,279	3,181	3,157	3,200	3,272	3,401	3,754	3,981	4,169	4,415	4,629	4,755	4,842	4,979	5,107	5,096	4,974	4,889	4,736	4,575	4,398	4,045	3,716
08/01/03	3,367	3,249	3,208	3,140	3,093	3,136	3,426	3,707	3,938	4,116	4,311	4,598	4,679	4,849	4,971	5,016	5,084	5,001	4,778	4,621	4,487	4,295	3,945	3,708
08/02/03	3,422	3,309	3,136	3,089	2,976	3,060	3,122	3,326	3,621	3,912	4,209	4,349	4,587	4,649	4,775	4,895	4,899	4,783	4,649	4,593	4,400	4,239	3,951	3,671
08/03/03	3,390	3,256	3,109	3,064	2,969	2,960	2,991	3,177	3,421	3,730	3,969	4,191	4,391	4,519	4,608	4,762	4,721	4,694	4,577	4,555	4,452	4,200	3,884	3,513
08/04/03	3,254	3,161	2,956	2,919	3,027	3,116	3,364	3,586	3,866	4,053	4,278	4,410	4,625	4,733	4,868	4,972	4,974	4,937	4,734	4,607	4,486	4,324	3,940	3,556
08/05/03	3,592	3,341	3,236	3,209	3,254	3,331	3,466	3,841	4,080	4,287	4,545	4,772	4,906	4,997	5,142	5,282	5,273	5,140	5,048	4,884	4,713	4,524	4,153	3,804
08/06/03	3,625	3,371	3,266	3,239	3,284	3,358	3,489	3,869	4,110	4,318	4,582	4,812	4,945	5,035	5,181	5,321	5,313	5,178	5,084	4,919	4,746	4,558	4,186	3,837
08/07/03	3,656	3,397	3,291	3,266	3,312	3,385	3,513	3,899	4,145	4,349	4,615	4,848	4,982	5,071	5,218	5,356	5,343	5,209	5,118	4,953	4,778	4,592	4,217	3,868
08/08/03	3,611	3,493	3,461	3,386	3,320	3,342	3,636	3,933	4,175	4,357	4,565	4,884	4,954	5,134	5,260	5,297	5,380	5,297	5,051	4,884	4,747	4,549	4,189	3,961
08/09/03	3,403	3,289	3,118	3,072	2,960	3,043	3,105	3,309	3,603	3,892	4,188	4,328	4,564	4,627	4,753	4,872	4,877	4,762	4,629	4,572	4,381	4,219	3,931	3,651
08/10/03	3,960	3,830	3,640	3,612	3,455	3,437	3,411	3,633	3,911	4,282	4,565	4,866	5,131	5,301	5,422	5,675	5,603	5,568	5,350	5,414	5,365	5,064	4,693	4,202
08/11/03	3,851	3,780	3,463	3,421	3,580	3,643	3,864	4,088	4,432	4,639	4,936	5,077	5,356	5,458	5,609	5,723	5,717	5,707	5,412	5,332	5,240	5,136	4,742	4,339
08/12/03	3,583	3,332	3,227	3,201	3,245	3,323	3,459	3,832	4,071	4,277	4,535	4,760	4,894	4,986	5,131	5,270	5,262	5,129	5,037	4,874	4,703	4,514	4,143	3,794
08/13/03	3,798	3,526	3,417	3,390	3,437	3,501	3,611	4,018	4,274	4,493	4,771	5,015	5,149	5,232	5,385	5,531	5,518	5,369	5,272	5,100	4,920	4,734	4,359	4,011
08/14/03	3,668	3,408	3,302	3,277	3,323	3,395	3,522	3,909	4,156	4,361	4,628	4,862	4,996	5,085	5,233	5,371	5,357	5,223	5,132	4,965	4,790	4,604	4,229	3,880
08/15/03	3,578	3,459	3,426	3,352	3,289	3,314	3,608	3,903	4,144	4,325	4,532	4,847	4,919	5,097	5,223	5,261	5,342	5,259	5,017	4,851	4,714	4,517	4,158	3,928
08/16/03	3,490	3,378	3,199	3,153	3,032	3,121	3,182	3,387	3,685	3,980	4,283	4,421	4,666	4,725	4,851	4,976	4,977	4,856	4,718	4,665	4,468	4,310	4,019	3,738
08/17/03	3,387	3,254	3,107	3,062	2,967	2,959	2,989	3,175	3,419	3,728	3,966	4,189	4,389	4,516	4,605	4,759	4,718	4,692	4,574	4,553	4,449	4,197	3,881	3,511
08/18/03	3,313	3,220	3,007	2,969	3,081	3,167	3,414	3,636	3,923	4,113	4,344	4,478	4,697	4,804	4,940	5,045	5,045	5,011	4,802	4,673	4,550	4,392	4,006	3,618
08/19/03	3,559	3,311	3,206	3,180	3,224	3,303	3,442	3,811	4,048	4,252	4,508	4,732	4,866	4,958	5,102	5,240	5,233	5,102	5,009	4,848	4,679	4,489	4,119	3,770
08/20/03	3,509	3,266	3,164	3,137	3,180	3,260	3,403	3,766	3,998	4,198	4,452	4,672	4,805	4,899	5,042	5,177	5,173	5,044	4,950	4,792	4,626	4,437	4,067	3,718
08/21/03	3,503	3,260	3,157	3,132	3,176	3,257	3,401	3,764	3,997	4,192	4,444	4,665	4,798	4,893	5,035	5,168	5,159	5,034	4,943	4,787	4,621	4,433	4,061	3,713
08/22/03	3,085	2,970	2,921	2,863	2,836	2,901	3,183	3,440	3,647	3,809	3,982	4,223	4,309	4,465	4,581	4,630	4,682	4,593	4,392	4,260	4,137	3,952	3,623	3,380
08/23/03	3,251	3,136	2,976	2,930	2,833	2,907	2,970	3,170	3,454	3,733	4,013	4,153	4,374	4,444	4,568	4,681	4,691	4,586	4,459	4,400	4,221	4,053	3,771	3,495
08/24/03	3,391	3,258	3,111	3,065	2,971	2,962	2,992	3,179	3,423	3,732	3,971	4,193	4,394	4,521	4,610	4,764	4,723	4,696	4,579	4,557	4,453	4,201	3,886	3,515
08/25/03	3,258	3,165	2,960	2,923	3,032	3,120	3,368	3,590	3,870	4,057	4,283	4,416	4,631	4,739	4,874	4,978	4,979	4,943	4,739	4,612	4,491	4,330	3,945	3,561
08/26/03	3,279	3,060	2,963	2,936	2,978	3,069	3,234	3,562	3,776	3,962	4,190	4,389	4,519	4,619	4,755	4,883	4,885	4,764	4,669	4,530	4,382	4,191	3,827	3,482
08/27/03	3,247	3,031	2,936	2,909	2,951	3,042	3,209	3,533	3,742	3,925	4,153	4,349	4,477	4,577	4,712	4,838	4,842	4,722	4,626	4,491	4,345	4,155	3,792	3,448
08/28/03	3,062	2,865	2,776	2,752	2,795	2,896	3,080	3,376	3,569	3,729	3,932	4,108	4,229	4,330	4,457	4,571	4,576	4,466	4,373	4,262	4,133	3,947	3,590	3,253
08/29/03	2,926	2,816	2,766	2,715	2,699	2,778	3,057	3,297	3,482	3,627	3,781	3,990	4,072	4,215	4,324	4,371	4,415	4,324	4,141	4,030	3,916	3,738	3,426	3,184
08/30/03	3,021	2,907	2,766	2,721	2,645	2,710	2,774	2,963	3,228	3,481	3,730	3,863	4,057	4,132	4,249	4,355	4,371	4,280	4,165	4,112	3,957	3,785	3,514	3,244
08/31/03	3,076	2,947	2,819	2,773	2,699	2,686	2,715	2,883	3,112	3,385	3,602	3,806	3,988	4,114	4,208	4,346	4,332	4,306	4,201	4,173	4,082	3,845	3,543	3,200

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
09/01/03	2,650	2,533	2,408	2,373	2,313	2,307	2,352	2,510	2,776	3,068	3,271	3,497	3,649	3,726	3,873	4,008	4,069	4,031	3,886	3,856	3,746	3,553	3,258	2,959
09/02/03	2,910	2,699	2,603	2,576	2,620	2,721	2,904	3,221	3,428	3,608	3,827	4,017	4,147	4,251	4,386	4,512	4,518	4,398	4,299	4,172	4,032	3,836	3,465	3,113
09/03/03	3,102	2,871	2,770	2,742	2,786	2,877	3,042	3,389	3,612	3,808	4,051	4,262	4,396	4,499	4,641	4,774	4,776	4,650	4,551	4,403	4,245	4,049	3,671	3,313
09/04/03	2,873	2,665	2,571	2,546	2,590	2,692	2,879	3,192	3,395	3,565	3,782	3,969	4,096	4,201	4,334	4,455	4,458	4,343	4,246	4,126	3,988	3,795	3,424	3,073
09/05/03	3,009	2,887	2,840	2,774	2,736	2,791	3,087	3,367	3,596	3,774	3,966	4,241	4,330	4,499	4,623	4,672	4,735	4,646	4,426	4,274	4,140	3,944	3,591	3,343
09/06/03	3,234	3,117	2,935	2,887	2,767	2,856	2,919	3,131	3,437	3,739	4,050	4,194	4,443	4,506	4,636	4,762	4,765	4,643	4,503	4,446	4,245	4,079	3,780	3,490
09/07/03	2,921	2,786	2,649	2,600	2,519	2,506	2,537	2,715	2,955	3,248	3,478	3,694	3,887	4,018	4,115	4,261	4,239	4,212	4,100	4,071	3,973	3,724	3,409	3,049
09/08/03	3,106	3,011	2,788	2,749	2,866	2,954	3,209	3,439	3,738	3,934	4,175	4,314	4,542	4,652	4,793	4,901	4,900	4,866	4,649	4,514	4,388	4,225	3,825	3,424
09/09/03	3,314	3,061	2,953	2,926	2,971	3,054	3,201	3,578	3,820	4,030	4,291	4,520	4,658	4,755	4,903	5,045	5,039	4,904	4,809	4,643	4,471	4,274	3,892	3,532
09/10/03	3,462	3,190	3,077	3,045	3,089	3,159	3,285	3,683	3,933	4,147	4,421	4,659	4,793	4,880	5,030	5,173	5,169	5,032	4,942	4,775	4,599	4,412	4,033	3,679
09/11/03	3,189	2,948	2,844	2,818	2,863	2,950	3,109	3,469	3,703	3,898	4,150	4,369	4,506	4,607	4,751	4,885	4,880	4,754	4,659	4,504	4,340	4,145	3,762	3,404
09/12/03	3,115	2,993	2,949	2,880	2,834	2,881	3,180	3,469	3,706	3,888	4,088	4,380	4,465	4,639	4,765	4,812	4,881	4,794	4,566	4,406	4,268	4,070	3,710	3,465
09/13/03	2,846	2,728	2,577	2,530	2,446	2,515	2,581	2,780	3,059	3,328	3,595	3,735	3,943	4,020	4,144	4,255	4,270	4,172	4,049	3,992	3,825	3,648	3,364	3,084
09/14/03	2,921	2,786	2,648	2,600	2,519	2,506	2,537	2,714	2,955	3,247	3,478	3,694	3,886	4,018	4,114	4,260	4,239	4,212	4,100	4,071	3,973	3,724	3,408	3,048
09/15/03	3,047	2,951	2,736	2,698	2,811	2,902	3,158	3,387	3,679	3,873	4,108	4,245	4,468	4,580	4,720	4,827	4,828	4,792	4,580	4,448	4,322	4,156	3,758	3,360
09/16/03	3,185	2,945	2,841	2,814	2,858	2,946	3,105	3,464	3,695	3,897	4,147	4,364	4,501	4,602	4,746	4,883	4,881	4,752	4,655	4,500	4,336	4,139	3,759	3,400
09/17/03	3,063	2,836	2,736	2,708	2,751	2,844	3,013	3,354	3,574	3,766	4,006	4,212	4,346	4,449	4,590	4,722	4,725	4,600	4,500	4,357	4,202	4,006	3,629	3,272
09/18/03	3,022	2,798	2,699	2,673	2,717	2,812	2,985	3,320	3,540	3,722	3,957	4,161	4,294	4,398	4,537	4,665	4,664	4,544	4,447	4,309	4,158	3,963	3,585	3,230
09/19/03	3,019	2,897	2,850	2,784	2,745	2,800	3,096	3,377	3,607	3,785	3,978	4,255	4,343	4,513	4,637	4,686	4,749	4,661	4,440	4,287	4,152	3,957	3,603	3,355
09/20/03	2,867	2,748	2,596	2,548	2,463	2,532	2,598	2,798	3,079	3,351	3,620	3,762	3,972	4,049	4,173	4,285	4,299	4,201	4,076	4,018	3,850	3,672	3,388	3,106
09/21/03	2,568	2,446	2,334	2,292	2,236	2,228	2,260	2,417	2,632	2,872	3,063	3,246	3,407	3,526	3,621	3,748	3,753	3,736	3,650	3,635	3,557	3,329	3,032	2,700
09/22/03	2,765	2,671	2,492	2,461	2,561	2,669	2,933	3,155	3,409	3,587	3,793	3,920	4,119	4,236	4,369	4,473	4,480	4,432	4,244	4,135	4,017	3,841	3,456	3,075
09/23/03	2,598	2,424	2,342	2,320	2,368	2,490	2,705	2,973	3,136	3,277	3,446	3,593	3,700	3,795	3,910	4,015	4,027	3,923	3,841	3,760	3,648	3,460	3,113	2,780
09/24/03	2,518	2,355	2,280	2,260	2,310	2,439	2,664	2,919	3,064	3,190	3,346	3,478	3,576	3,664	3,771	3,868	3,881	3,785	3,714	3,646	3,541	3,358	3,019	2,693
09/25/03	2,859	2,653	2,559	2,535	2,579	2,681	2,869	3,180	3,382	3,551	3,765	3,950	4,077	4,182	4,314	4,434	4,438	4,323	4,227	4,108	3,972	3,779	3,408	3,059
09/26/03	2,634	2,521	2,471	2,421	2,409	2,497	2,785	3,026	3,208	3,349	3,499	3,703	3,784	3,925	4,035	4,082	4,124	4,031	3,850	3,744	3,630	3,450	3,135	2,886
09/27/03	2,325	2,230	2,136	2,106	2,077	2,154	2,245	2,405	2,604	2,768	2,905	2,972	3,071	3,111	3,177	3,253	3,276	3,239	3,204	3,204	3,097	2,943	2,714	2,474
09/28/03	2,558	2,436	2,326	2,284	2,229	2,221	2,253	2,409	2,624	2,862	3,052	3,233	3,393	3,511	3,605	3,731	3,737	3,721	3,636	3,622	3,545	3,318	3,021	2,690
09/29/03	2,302	2,230	2,113	2,102	2,195	2,347	2,636	2,831	2,993	3,112	3,248	3,328	3,463	3,562	3,662	3,743	3,754	3,713	3,601	3,559	3,463	3,292	2,950	2,612
09/30/03	2,287	2,159	2,102	2,095	2,156	2,320	2,586	2,798	2,881	2,951	3,044	3,122	3,183	3,239	3,313	3,381	3,389	3,331	3,319	3,294	3,204	3,040	2,737	2,440
10/01/03	2,221	2,098	2,046	2,038	2,099	2,259	2,520	2,725	2,802	2,867	2,956	3,030	3,086	3,140	3,210	3,273	3,282	3,228	3,219	3,197	3,110	2,951	2,657	2,369
10/02/03	2,221	2,096	2,043	2,038	2,099	2,260	2,522	2,727	2,807	2,865	2,954	3,029	3,085	3,139	3,209	3,269	3,274	3,224	3,217	3,196	3,109	2,952	2,656	2,369
10/03/03	2,255	2,168	2,132	2,105	2,122	2,255	2,553	2,743	2,842	2,911	2,990	3,099	3,138	3,224	3,293	3,317	3,340	3,275	3,182	3,138	3,050	2,905	2,655	2,430
10/04/03	2,201	2,116	2,034	2,011	1,992	2,073	2,171	2,322	2,500	2,638	2,745	2,789	2,862	2,886	2,935	2,998	3,020	3,000	2,992	3,004	2,908	2,766	2,556	2,333
10/05/03	2,176	2,085	2,011	1,989	1,965	1,988	2,041	2,173	2,335	2,486	2,595	2,695	2,784	2,848	2,902	2,986	3,005	3,029	3,026	3,060	3,003	2,818	2,567	2,284
10/06/03	2,264	2,192	2,075	2,064	2,154	2,300	2,581	2,772	2,936	3,055	3,192	3,274	3,409	3,507	3,607	3,688	3,699	3,657	3,543	3,499	3,404	3,236	2,900	2,568
10/07/03	2,535	2,365	2,285	2,264	2,311	2,430	2,639	2,901	3,060	3,198	3,363	3,506	3,611	3,703	3,816	3,919	3,930	3,828	3,749	3,669	3,560	3,377	3,038	2,712
10/08/03	2,523	2,355	2,277	2,255	2,302	2,421	2,632	2,892	3,047	3,183	3,348	3,490	3,592	3,683	3,795	3,896	3,909	3,808	3,729	3,652	3,543	3,362	3,023	2,699
10/09/03	2,602	2,423	2,340	2,318	2,364	2,476	2,678	2,952	3,124	3,265	3,445	3,601	3,712	3,808	3,926	4,031	4,039	3,935	3,851	3,762	3,647	3,463	3,115	2,784
10/10/03	2,597	2,501	2,467	2,432	2,435	2,535	2,832	3,084	3,277	3,432	3,595	3,810	3,905	4,059	4,182	4,243	4,300	4,177	3,967	3,830	3,687	3,478	3,137	2,862
10/11/03	2,465	2,358	2,241	2,201	2,150	2,214	2,286	2,459	2,691	2,904	3,100	3,208	3,358	3,426	3,522	3,617	3,638	3,569	3,483	3,453	3,327	3,159	2,907	2,650
10/12/03	2,549	2,428	2,316	2,273	2,215	2,205	2,235	2,391	2,606	2,848	3,041	3,225	3,388	3,507	3,601	3,728	3,730	3,711	3,622	3,603	3,525	3,299	3,006	2,679
10/13/03	2,424	2,342	2,203	2,183	2,274	2,402	2,672	2,876	3,076	3,221	3,387	3,490	3,652	3,762	3,878	3,971	3,981	3,931	3,783	3,712	3,610	3,437	3,081	2,731
10/14/03	2,445	2,288	2,214	2,195	2,245	2,373	2,595	2,841	2,981	3,103	3,250	3,377	3,471	3,556	3,660	3,754	3,766	3,673	3,606	3,542	3,440	3,262	2,933	2,616
10/15/03	2,335	2,194	2,130	2,116	2,169	2,311	2,549	2,776	2,889	2,985	3,107	3,211	3,288	3,360	3,450	3,530	3,542	3,465	3,420	3,376	3,283	3,113	2,799	2,494
10/16/03	2,262	2,130	2,073	2,065	2,124	2,277	2,530	2,744	2,837	2,907	3,009	3,094	3,159	3,220	3,298	3,365	3,371	3,311	3,291	3,262	3,173	3,011	2,707	2,414
10/17/03	2,245	2,159	2,123	2,097	2,116	2,250	2,550	2,738	2,834	2,899	2,975	3,081	3,118	3,202	3,268	3,291	3,313	3,250	3,162	3,120	3,032	2,889	2,641	2,418
10/18/03	2,115	2,042	1,975	1,960	1,954	2,047	2,161	2,305	2,459	2,564	2,631	2,643	2,681	2,677	2,703	2,749	2,769	2,776	2,809	2,839	2,751	2,625	2,434	2,229
10/19/03	2,066	1,990	1,933	1,922	1,914	1,957	2,030	2,153	2,287	2,396	2,459	2,512	2,558	2,585	2,607	2,665	2,684	2,735	2,789	2,853	2,800	2,637	2,411	2,151
10/20/03	2,130	2,068	1,973	1,971	2,063	2,228	2,522	2,698	2,822	2,909	3,012	3,066	3,169	3,247	3,326	3,391	3,401	3,376	3,305	3,287	3,201	3,043	2,729	2,418
10/21/03	2,171	2,056	2,008	2,005	2,069	2,242	2,515	2,708	2,769	2,817	2,888	2,946	2,991	3,035	3,094	3,150	3,156	3,114	3,126	3,113	3,029	2,876	2,593	2,314
10/22/03	2,125	2,019	1,978	1,979	2,046	2,228	2,512	2,696	2,737	2,768	2,825	2,869	2,902	2,935	2,984	3,030	3,035	3,007	3,039	3,036	2,952	2,806	2,533	2,262
10/23/03	2,078	1,981	1,945	1,953	2,025	2,219	2,517	2,691	2,714	2,719	2,759	2,787	2,808	2,829	2,865	2,899	2,897	2,888	2,947	2,955	2,872	2,734	2,471	2,210
10/24/03	2,073	2,009	1,989	1,981	2,022	2,198	2,526	2,684	2,718	2,723	2,743	2,784	2,778	2,816	2,841	2,843	2,853	2,830	2,826	2,823	2,747	2,637	2,431	2,230
10/25/03	1,974	1,926	1,889	1,894	1,913	2,034	2,185	2,317	2,426	2,466	2,455	2,395	2,362	2,296	2,274	2,277	2,292	2,360	2,484	2,547	2,470	2,378	2,228	2,061
10/26/03	1,928	1,881	1,852	1,862	1,879	1,968	2,084	2,195	2,275	2,306	2,283	2,239	2,201	2,148	2,102	2,106	2,116	2,225	2,398	2,518	2,465	2,345	2,169	1,954
10/27/03	1,918	1,883	1,837	1,854	1,957	2,170	2,502	2,632	2,657	2,647	2,657	2,626	2,639	2,640	2,649	2,660	2,662	2,710	2,778	2,814	2,738	2,618	2,371	2,117
10/28/03	2,021	1,937	1,910	1,921	1,999	2,210	2,526	2,685	2,679	2,666	2,679	2,685	2,688	2,692	2,712	2,736	2,733	2,742	2,834	2,853	2,771	2,640	2,395	2,147
10/29/03	2,017	1,974	1,933	1,950	2,024	2,282	2,614	2,767	2,731	2,656	2,609	2,567	2,510	2,496	2,454	2,443	2,455	2,560	2,728	2,744	2,698	2,596	2,390	2,161
10/30/03	2,116	2,079	2,041	2,070	2,156	2,445	2,807	2,977	2,917	2,796	2,719	2,653	2,578	2,555	2,502	2,486	2,495	2,633	2,828	2,839	2,800	2,703	2,492	2,259
10/31/03	1,938	1,887	1,860	1,871	1,953	2,139	2,469	2,609	2,589	2,568	2,555	2,508	2,493	2,486	2,437	2,417	2,449	2,474	2,589	2,603	2,522	2,448	2,289	2,101

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
11/01/03	1,930	1,901	1,886	1,904	1,940	2,078	2,253	2,376	2,450	2,445	2,381	2,272	2,190	2,080	2,025	1,995	2,005	2,116	2,304	2,385	2,314	2,251	2,134	2,002
11/02/03	1,948	1,906	1,883	1,896	1,917	2,011	2,132	2,236	2,305	2,322	2,285	2,225	2,175	2,110	2,052	2,046	2,054	2,170	2,358	2,484	2,431	2,323	2,161	1,962
11/03/03	1,921	1,894	1,861	1,883	1,986	2,206	2,538	2,650	2,647	2,609	2,591	2,535	2,519	2,495	2,482	2,475	2,473	2,545	2,656	2,701	2,629	2,526	2,307	2,078
11/04/03	2,006	1,935	1,917	1,935	2,015	2,236	2,559	2,700	2,668	2,631	2,622	2,606	2,593	2,581	2,584	2,595	2,587	2,618	2,741	2,769	2,689	2,572	2,350	2,122
11/05/03	2,039	1,961	1,939	1,951	2,028	2,236	2,547	2,697	2,682	2,661	2,669	2,669	2,666	2,665	2,680	2,698	2,694	2,710	2,809	2,831	2,750	2,628	2,395	2,158
11/06/03	2,036	1,957	1,935	1,950	2,027	2,237	2,550	2,700	2,685	2,656	2,663	2,661	2,657	2,655	2,668	2,683	2,675	2,696	2,800	2,823	2,743	2,623	2,389	2,154
11/07/03	2,050	1,996	1,983	1,982	2,030	2,217	2,547	2,690	2,699	2,682	2,680	2,695	2,673	2,692	2,700	2,693	2,698	2,693	2,725	2,735	2,664	2,570	2,387	2,201
11/08/03	1,973	1,934	1,907	1,918	1,944	2,070	2,228	2,354	2,446	2,465	2,432	2,352	2,298	2,215	2,179	2,168	2,181	2,265	2,414	2,484	2,411	2,334	2,201	2,052
11/09/03	1,978	1,928	1,897	1,904	1,918	1,999	2,105	2,213	2,298	2,337	2,325	2,295	2,269	2,228	2,192	2,203	2,214	2,312	2,464	2,573	2,522	2,401	2,224	2,011
11/10/03	2,037	1,991	1,924	1,931	2,025	2,209	2,511	2,660	2,731	2,770	2,825	2,838	2,895	2,937	2,982	3,020	3,026	3,034	3,029	3,040	2,963	2,826	2,555	2,281
11/11/03	2,064	1,980	1,952	1,963	2,037	2,238	2,541	2,697	2,696	2,687	2,704	2,713	2,719	2,726	2,749	2,774	2,771	2,777	2,860	2,876	2,796	2,668	2,429	2,186
11/12/03	2,135	2,037	2,000	2,002	2,069	2,250	2,531	2,704	2,735	2,757	2,805	2,841	2,868	2,894	2,937	2,977	2,981	2,960	3,001	3,002	2,922	2,783	2,524	2,266
11/13/03	2,097	2,005	1,973	1,981	2,052	2,244	2,536	2,702	2,718	2,717	2,750	2,772	2,788	2,804	2,836	2,866	2,863	2,859	2,924	2,934	2,855	2,723	2,472	2,223
11/14/03	1,799	1,765	1,713	1,734	1,748	1,870	2,086	2,257	2,307	2,398	2,441	2,455	2,442	2,432	2,399	2,349	2,450	2,519	2,588	2,490	2,378	2,224	2,042	1,894
11/15/03	2,160	2,107	2,079	2,114	2,163	2,333	2,608	2,779	2,806	2,754	2,681	2,582	2,545	2,475	2,411	2,411	2,444	2,635	2,817	2,783	2,696	2,638	2,492	2,286
11/16/03	1,949	1,907	1,883	1,896	1,917	2,011	2,131	2,236	2,305	2,322	2,286	2,227	2,177	2,113	2,056	2,050	2,058	2,174	2,360	2,486	2,434	2,325	2,163	1,963
11/17/03	1,921	1,894	1,861	1,883	1,986	2,206	2,538	2,650	2,647	2,609	2,591	2,535	2,520	2,496	2,483	2,476	2,475	2,547	2,657	2,702	2,630	2,527	2,308	2,078
11/18/03	1,994	1,926	1,910	1,929	2,011	2,236	2,564	2,702	2,663	2,619	2,604	2,583	2,565	2,548	2,547	2,554	2,546	2,582	2,714	2,746	2,665	2,550	2,333	2,108
11/19/03	1,994	1,926	1,912	1,930	2,012	2,236	2,563	2,702	2,661	2,616	2,603	2,583	2,564	2,546	2,546	2,552	2,544	2,581	2,713	2,745	2,663	2,550	2,331	2,107
11/20/03	2,129	2,086	2,063	2,103	2,175	2,420	2,785	2,957	2,911	2,804	2,730	2,674	2,615	2,585	2,568	2,530	2,545	2,639	2,802	2,837	2,785	2,670	2,473	2,249
11/21/03	2,258	2,219	2,205	2,246	2,324	2,565	2,936	3,080	3,026	2,856	2,738	2,638	2,544	2,487	2,443	2,437	2,443	2,544	2,725	2,728	2,709	2,685	2,567	2,360
11/22/03	2,111	2,039	2,023	2,029	2,062	2,164	2,318	2,476	2,567	2,599	2,573	2,509	2,457	2,389	2,341	2,315	2,341	2,447	2,614	2,624	2,571	2,485	2,357	2,194
11/23/03	2,143	2,119	2,096	2,119	2,159	2,282	2,454	2,615	2,687	2,642	2,556	2,449	2,366	2,310	2,243	2,205	2,253	2,399	2,653	2,658	2,627	2,505	2,334	2,147
11/24/03	2,024	1,980	1,978	2,008	2,093	2,333	2,744	2,895	2,852	2,757	2,723	2,648	2,606	2,591	2,563	2,549	2,561	2,649	2,775	2,804	2,741	2,636	2,413	2,186
11/25/03	2,254	2,225	2,191	2,227	2,318	2,623	2,989	3,168	3,090	2,944	2,835	2,748	2,653	2,620	2,556	2,541	2,558	2,720	2,937	2,939	2,907	2,815	2,611	2,380
11/26/03	2,406	2,359	2,302	2,320	2,393	2,696	3,051	3,221	3,134	2,958	2,819	2,711	2,595	2,559	2,489	2,482	2,523	2,753	3,027	3,029	3,016	2,947	2,752	2,528
11/27/03	2,342	2,299	2,283	2,323	2,370	2,490	2,653	2,854	2,928	2,890	2,810	2,691	2,591	2,479	2,412	2,366	2,427	2,622	2,852	2,897	2,857	2,776	2,594	2,392
11/28/03	2,342	2,301	2,285	2,324	2,369	2,486	2,649	2,850	2,926	2,895	2,812	2,691	2,589	2,478	2,412	2,369	2,433	2,625	2,853	2,898	2,857	2,786	2,611	2,409
11/29/03	2,359	2,293	2,296	2,322	2,379	2,502	2,707	2,923	2,999	2,953	2,843	2,700	2,596	2,491	2,416	2,376	2,404	2,573	2,807	2,788	2,737	2,666	2,550	2,395
11/30/03	2,186	2,136	2,118	2,143	2,179	2,286	2,428	2,596	2,660	2,643	2,593	2,512	2,440	2,357	2,303	2,267	2,319	2,478	2,673	2,722	2,675	2,599	2,427	2,242
12/01/03	2,231	2,180	2,192	2,220	2,352	2,634	3,061	3,271	3,190	3,079	2,972	2,842	2,764	2,734	2,655	2,661	2,664	2,814	3,062	3,066	3,042	2,925	2,676	2,430
12/02/03	2,380	2,351	2,316	2,357	2,458	2,794	3,195	3,394	3,305	3,137	3,010	2,908	2,799	2,759	2,686	2,669	2,689	2,876	3,119	3,119	3,086	2,987	2,766	2,514
12/03/03	2,358	2,327	2,293	2,331	2,431	2,762	3,159	3,356	3,269	3,107	2,988	2,892	2,786	2,749	2,679	2,662	2,681	2,861	3,098	3,100	3,065	2,966	2,744	2,493
12/04/03	2,496	2,471	2,439	2,489	2,597	2,950	3,362	3,574	3,473	3,271	3,117	2,994	2,863	2,814	2,729	2,705	2,728	2,952	3,227	3,220	3,190	3,099	2,873	2,616
12/05/03	2,457	2,426	2,419	2,465	2,610	2,858	3,319	3,565	3,459	3,288	3,141	2,958	2,851	2,786	2,676	2,641	2,689	2,828	3,086	3,073	2,996	2,967	2,821	2,620
12/06/03	2,577	2,504	2,512	2,544	2,613	2,745	2,969	3,216	3,312	3,262	3,132	2,960	2,835	2,709	2,619	2,569	2,602	2,826	3,089	3,037	2,983	2,907	2,781	2,614
12/07/03	2,528	2,489	2,472	2,524	2,581	2,719	2,902	3,129	3,202	3,163	3,080	2,956	2,855	2,739	2,672	2,619	2,697	2,922	3,167	3,208	3,158	3,068	2,854	2,622
12/08/03	2,479	2,427	2,408	2,483	2,610	2,933	3,397	3,425	3,224	3,226	3,252	3,211	3,230	3,228	3,193	3,198	3,255	3,556	3,722	3,708	3,691	3,574	3,209	2,965
12/09/03	2,602	2,560	2,501	2,530	2,615	2,962	3,364	3,556	3,453	3,246	3,079	2,944	2,804	2,760	2,674	2,663	2,709	2,979	3,290	3,283	3,270	3,197	2,980	2,731
12/10/03	2,369	2,339	2,305	2,344	2,445	2,778	3,177	3,375	3,286	3,121	2,999	2,900	2,793	2,754	2,682	2,665	2,685	2,869	3,108	3,109	3,075	2,977	2,755	2,503
12/11/03	2,529	2,506	2,474	2,526	2,634	2,992	3,407	3,622	3,518	3,309	3,148	3,019	2,883	2,831	2,743	2,719	2,743	2,977	3,259	3,250	3,221	3,131	2,904	2,646
12/12/03	2,409	2,376	2,368	2,411	2,552	2,798	3,256	3,492	3,388	3,228	3,093	2,920	2,823	2,764	2,660	2,627	2,669	2,791	3,039	3,035	2,959	2,928	2,781	2,581
12/13/03	2,479	2,407	2,411	2,440	2,503	2,637	2,862	3,099	3,182	3,131	3,007	2,848	2,733	2,616	2,533	2,488	2,519	2,709	2,966	2,940	2,885	2,808	2,683	2,516
12/14/03	2,354	2,304	2,287	2,320	2,365	2,487	2,651	2,850	2,923	2,895	2,822	2,713	2,619	2,514	2,447	2,406	2,467	2,654	2,885	2,936	2,888	2,802	2,612	2,404
12/15/03	2,214	2,163	2,174	2,201	2,331	2,611	3,034	3,239	3,160	3,055	2,953	2,828	2,754	2,726	2,649	2,655	2,657	2,803	3,046	3,052	3,027	2,910	2,660	2,415
12/16/03	2,309	2,275	2,238	2,273	2,370	2,693	3,085	3,274	3,195	3,049	2,942	2,855	2,760	2,728	2,662	2,648	2,664	2,829	3,053	3,058	3,021	2,920	2,700	2,451
12/17/03	2,264	2,228	2,190	2,221	2,314	2,626	3,010	3,193	3,121	2,989	2,898	2,821	2,735	2,707	2,647	2,633	2,648	2,799	3,010	3,018	2,979	2,877	2,657	2,410
12/18/03	2,212	2,171	2,131	2,159	2,248	2,547	2,922	3,098	3,039	2,919	2,844	2,780	2,704	2,682	2,628	2,612	2,622	2,760	2,960	2,973	2,931	2,828	2,607	2,363
12/19/03	2,184	2,135	2,120	2,140	2,256	2,482	2,890	3,061	2,995	2,905	2,841	2,739	2,697	2,673	2,602	2,582	2,603	2,647	2,822	2,854	2,779	2,732	2,577	2,375
12/20/03	2,178	2,098	2,080	2,084	2,118	2,226	2,390	2,558	2,661	2,702	2,679	2,614	2,560	2,489	2,438	2,410	2,438	2,553	2,730	2,737	2,678	2,584	2,444	2,269
12/21/03	2,226	2,200	2,176	2,201	2,244	2,378	2,564	2,739	2,817	2,768	2,675	2,559	2,469	2,408	2,335	2,294	2,346	2,505	2,780	2,786	2,752	2,619	2,435	2,232
12/22/03	1,997	1,965	1,925	1,947	2,058	2,292	2,649	2,775	2,781	2,749	2,739	2,688	2,681	2,663	2,657	2,656	2,655	2,724	2,828	2,874	2,796	2,679	2,434	2,180
12/23/03	2,061	1,988	1,972	1,993	2,083	2,328	2,686	2,834	2,789	2,739	2,720	2,695	2,674	2,654	2,652	2,658	2,648	2,690	2,837	2,872	2,784	2,661	2,426	2,184
12/24/03	2,212	2,167	2,142	2,183	2,261	2,527	2,922	3,108	3,055	2,945	2,865	2,803	2,739	2,706	2,687	2,649	2,669	2,769	2,942	2,979	2,922	2,797	2,585	2,341
12/25/03	2,158	2,137	2,167	2,180	2,288	2,500	2,805	2,958	3,020	2,900	2,817	2,731	2,627	2,577	2,521	2,492	2,531	2,668	2,918	2,887	2,785	2,731	2,500	2,269
12/26/03	2,142	2,091	2,072	2,088	2,197	2,415	2,807	2,968	2,914	2,842	2,793	2,707	2,674	2,657	2,592	2,574	2,595	2,630	2,788	2,820	2,743	2,689	2,531	2,330
12/27/03	2,245	2,188	2,157	2,196	2,249	2,433	2,732	2,916	2,946	2,890	2,811	2,703	2,663	2,587	2,517	2,517	2,554	2,761	2,958	2,921	2,827	2,764	2,605	2,382
12/28/03	2,222	2,165	2,143	2,165	2,202	2,312	2,457	2,628	2,698	2,690	2,650	2,577	2,510	2,429	2,375	2,340	2,393	2,556	2,753	2,806	2,754	2,673	2,487	2,289
12/29/03	2,175	2,124	2,130	2,155	2,280	2,554	2,965	3,159	3,086	2,996	2,908	2,795	2,730	2,706	2,636	2,641	2,641	2,777	3,009	3,018	2,989	2,872	2,622	2,379
12/30/03	2,268	2,232	2,193	2,225	2,318	2,632	3,018	3,202	3,130	2,997	2,902	2,824	2,737	2,709	2,648	2,635	2,649	2,801	3,015	3,022	2,984	2,881	2,661	2,414
12/31/03	2,268	2,232	2,195	2,225	2,319	2,632	3,017	3,201	3,128	2,994	2,902	2,825	2,737	2,709	2,649	2,634	2,650	2,802	3,014	3,022	2,983	2,881	2,660	2,414

APS Own Load Hourly mW Forecast

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Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
01/01/04	2,389	2,333	2,313	2,346	2,390	2,518	2,686	2,887	2,963	2,930	2,861	2,755	2,661	2,556	2,490	2,445	2,503	2,697	2,933	2,989	2,939	2,857	2,662	2,450
01/02/04	2,413	2,373	2,364	2,400	2,541	2,794	3,260	3,483	3,384	3,237	3,120	2,962	2,880	2,830	2,733	2,704	2,737	2,833	3,071	3,083	3,005	2,969	2,813	2,605
01/03/04	2,425	2,349	2,345	2,365	2,418	2,553	2,764	2,981	3,064	3,042	2,954	2,830	2,737	2,636	2,566	2,528	2,559	2,709	2,944	2,953	2,896	2,809	2,672	2,491
01/04/04	2,436	2,385	2,366	2,401	2,448	2,575	2,746	2,953	3,029	3,000	2,925	2,810	2,713	2,603	2,534	2,490	2,555	2,750	2,990	3,043	2,993	2,904	2,705	2,489
01/05/04	2,466	2,409	2,436	2,471	2,625	2,926	3,396	3,647	3,556	3,409	3,263	3,088	2,978	2,928	2,825	2,841	2,860	3,059	3,351	3,327	3,307	3,181	2,924	2,666
01/06/04	2,519	2,491	2,456	2,502	2,611	2,971	3,394	3,608	3,508	3,319	3,172	3,055	2,931	2,884	2,802	2,783	2,806	3,018	3,286	3,282	3,249	3,148	2,917	2,652
01/07/04	2,597	2,573	2,540	2,590	2,703	3,072	3,502	3,723	3,614	3,408	3,245	3,114	2,975	2,922	2,832	2,810	2,839	3,073	3,359	3,350	3,319	3,223	2,988	2,720
01/08/04	2,798	2,770	2,715	2,759	2,861	3,247	3,696	3,906	3,786	3,548	3,368	3,211	3,052	3,001	2,902	2,880	2,924	3,226	3,555	3,535	3,520	3,448	3,207	2,938
01/09/04	2,704	2,673	2,667	2,721	2,883	3,141	3,617	3,889	3,781	3,580	3,396	3,183	3,049	2,968	2,835	2,801	2,866	3,059	3,337	3,311	3,227	3,209	3,061	2,836
01/10/04	2,756	2,675	2,683	2,716	2,785	2,916	3,118	3,363	3,482	3,468	3,372	3,217	3,096	2,965	2,874	2,823	2,862	3,113	3,360	3,309	3,257	3,174	3,028	2,841
01/11/04	2,519	2,472	2,454	2,495	2,548	2,679	2,860	3,083	3,163	3,129	3,041	2,910	2,801	2,679	2,604	2,556	2,627	2,837	3,092	3,142	3,095	3,000	2,794	2,568
01/12/04	2,488	2,430	2,458	2,495	2,650	2,951	3,423	3,676	3,584	3,436	3,288	3,110	2,998	2,946	2,841	2,859	2,881	3,087	3,382	3,353	3,333	3,205	2,947	2,690
01/13/04	2,465	2,434	2,398	2,440	2,546	2,896	3,314	3,522	3,429	3,254	3,121	3,015	2,901	2,860	2,783	2,766	2,787	2,981	3,236	3,235	3,200	3,097	2,867	2,604
01/14/04	2,407	2,374	2,337	2,374	2,476	2,815	3,225	3,426	3,340	3,181	3,067	2,973	2,870	2,834	2,765	2,748	2,767	2,944	3,182	3,186	3,148	3,044	2,813	2,553
01/15/04	2,372	2,334	2,295	2,332	2,432	2,764	3,170	3,366	3,289	3,135	3,031	2,946	2,851	2,819	2,754	2,735	2,748	2,917	3,148	3,155	3,116	3,012	2,780	2,521
01/16/04	2,413	2,373	2,364	2,400	2,541	2,794	3,260	3,483	3,384	3,237	3,120	2,962	2,880	2,830	2,733	2,704	2,737	2,833	3,071	3,083	3,005	2,969	2,813	2,605
01/17/04	2,394	2,317	2,310	2,328	2,378	2,510	2,714	2,924	3,008	2,996	2,920	2,807	2,720	2,624	2,558	2,522	2,552	2,694	2,920	2,934	2,877	2,788	2,649	2,466
01/18/04	2,353	2,297	2,276	2,304	2,346	2,467	2,627	2,817	2,890	2,870	2,814	2,722	2,641	2,546	2,485	2,445	2,504	2,684	2,905	2,960	2,906	2,821	2,627	2,417
01/19/04	2,307	2,250	2,227	2,254	2,293	2,413	2,570	2,748	2,821	2,808	2,761	2,659	2,583	2,500	2,443	2,405	2,462	2,636	2,845	2,902	2,849	2,766	2,575	2,373
01/20/04	2,359	2,322	2,282	2,316	2,415	2,744	3,149	3,342	3,265	3,122	3,020	2,936	2,843	2,813	2,748	2,734	2,749	2,912	3,137	3,144	3,105	2,998	2,768	2,510
01/21/04	2,273	2,231	2,189	2,215	2,305	2,612	2,999	3,179	3,118	3,006	2,932	2,868	2,792	2,770	2,716	2,702	2,716	2,853	3,054	3,067	3,022	2,913	2,685	2,431
01/22/04	2,287	2,244	2,202	2,232	2,324	2,635	3,026	3,209	3,148	3,023	2,946	2,879	2,801	2,778	2,722	2,706	2,716	2,859	3,067	3,080	3,037	2,929	2,699	2,444
01/23/04	2,290	2,241	2,226	2,250	2,376	2,616	3,051	3,237	3,161	3,055	2,978	2,861	2,810	2,781	2,703	2,681	2,704	2,757	2,951	2,982	2,905	2,860	2,700	2,489
01/24/04	2,316	2,237	2,224	2,235	2,276	2,399	2,586	2,776	2,869	2,886	2,838	2,751	2,682	2,598	2,540	2,508	2,538	2,664	2,867	2,884	2,825	2,732	2,589	2,404
01/25/04	2,304	2,277	2,252	2,277	2,323	2,462	2,656	2,839	2,920	2,869	2,772	2,651	2,557	2,493	2,417	2,375	2,429	2,595	2,881	2,888	2,852	2,714	2,521	2,310
01/26/04	2,050	2,020	1,985	2,010	2,127	2,377	2,754	2,880	2,873	2,827	2,803	2,737	2,717	2,686	2,669	2,659	2,657	2,742	2,871	2,924	2,843	2,727	2,482	2,224
01/27/04	2,149	2,069	2,049	2,069	2,160	2,410	2,776	2,935	2,898	2,855	2,845	2,827	2,811	2,797	2,800	2,812	2,803	2,838	2,978	3,011	2,920	2,788	2,537	2,279
01/28/04	2,289	2,242	2,216	2,259	2,340	2,617	3,029	3,223	3,168	3,054	2,970	2,906	2,839	2,804	2,785	2,745	2,766	2,870	3,051	3,090	3,030	2,899	2,678	2,424
01/29/04	2,138	2,059	2,042	2,065	2,158	2,411	2,782	2,940	2,897	2,841	2,827	2,805	2,785	2,766	2,766	2,770	2,757	2,802	2,953	2,989	2,897	2,770	2,520	2,266
01/30/04	2,435	2,391	2,375	2,422	2,510	2,783	3,203	3,365	3,304	3,112	2,978	2,866	2,758	2,695	2,644	2,638	2,644	2,759	2,963	2,967	2,946	2,917	2,784	2,551
01/31/04	2,318	2,238	2,225	2,236	2,278	2,401	2,588	2,779	2,871	2,888	2,840	2,752	2,683	2,598	2,540	2,508	2,538	2,664	2,868	2,885	2,826	2,733	2,590	2,405
02/01/04	2,256	2,198	2,174	2,194	2,228	2,334	2,474	2,638	2,711	2,710	2,677	2,613	2,553	2,476	2,425	2,391	2,443	2,600	2,788	2,842	2,789	2,707	2,523	2,326
02/02/04	2,235	2,183	2,189	2,214	2,338	2,612	3,022	3,215	3,143	3,054	2,966	2,855	2,791	2,767	2,698	2,702	2,702	2,837	3,068	3,078	3,049	2,932	2,682	2,439
02/03/04	2,318	2,281	2,242	2,273	2,366	2,676	3,060	3,242	3,172	3,043	2,952	2,877	2,792	2,766	2,706	2,693	2,707	2,856	3,066	3,074	3,035	2,931	2,712	2,466
02/04/04	2,381	2,349	2,313	2,348	2,446	2,769	3,162	3,353	3,272	3,122	3,014	2,926	2,828	2,794	2,728	2,712	2,730	2,898	3,124	3,129	3,092	2,992	2,771	2,522
02/05/04	2,410	2,377	2,342	2,382	2,482	2,811	3,208	3,404	3,321	3,156	3,040	2,946	2,844	2,807	2,738	2,719	2,734	2,914	3,150	3,154	3,119	3,021	2,797	2,547
02/06/04	2,471	2,438	2,430	2,473	2,615	2,860	3,318	3,554	3,450	3,290	3,155	2,983	2,886	2,826	2,722	2,690	2,731	2,853	3,101	3,098	3,021	2,990	2,843	2,643
02/07/04	2,526	2,454	2,457	2,485	2,547	2,681	2,904	3,139	3,221	3,171	3,051	2,895	2,783	2,668	2,587	2,543	2,573	2,758	3,012	2,990	2,936	2,858	2,733	2,565
02/08/04	2,530	2,487	2,470	2,513	2,566	2,694	2,871	3,091	3,169	3,134	3,048	2,919	2,812	2,692	2,619	2,571	2,642	2,851	3,099	3,145	3,100	3,007	2,805	2,583
02/09/04	2,460	2,415	2,451	2,495	2,652	2,951	3,411	3,663	3,571	3,425	3,280	3,107	2,996	2,943	2,839	2,850	2,864	3,052	3,328	3,300	3,276	3,150	2,899	2,647
02/10/04	2,464	2,435	2,401	2,443	2,546	2,885	3,288	3,489	3,397	3,225	3,091	2,985	2,872	2,831	2,755	2,738	2,759	2,952	3,201	3,199	3,167	3,069	2,847	2,594
02/11/04	2,322	2,286	2,248	2,278	2,371	2,682	3,066	3,248	3,177	3,046	2,956	2,881	2,795	2,767	2,708	2,694	2,709	2,859	3,069	3,077	3,038	2,935	2,715	2,469
02/12/04	2,382	2,348	2,311	2,349	2,447	2,770	3,164	3,356	3,277	3,121	3,013	2,925	2,828	2,795	2,729	2,710	2,724	2,895	3,124	3,129	3,093	2,994	2,771	2,522
02/13/04	2,318	2,274	2,262	2,289	2,416	2,651	3,082	3,272	3,190	3,073	2,984	2,857	2,798	2,763	2,681	2,658	2,682	2,747	2,949	2,974	2,900	2,860	2,709	2,508
02/14/04	2,323	2,248	2,237	2,250	2,293	2,414	2,597	2,786	2,872	2,879	2,825	2,733	2,662	2,578	2,520	2,488	2,517	2,642	2,843	2,860	2,804	2,716	2,580	2,403
02/15/04	2,273	2,216	2,193	2,214	2,250	2,358	2,502	2,670	2,741	2,736	2,698	2,629	2,565	2,485	2,433	2,398	2,450	2,611	2,805	2,858	2,805	2,724	2,539	2,342
02/16/04	2,178	2,124	2,124	2,146	2,260	2,519	2,907	3,083	3,026	2,964	2,899	2,806	2,755	2,737	2,676	2,680	2,679	2,799	3,013	3,021	2,987	2,867	2,620	2,383
02/17/04	2,242	2,200	2,158	2,182	2,267	2,557	2,925	3,094	3,041	2,940	2,873	2,814	2,745	2,726	2,676	2,664	2,676	2,801	2,992	3,004	2,961	2,855	2,637	2,395
02/18/04	2,144	2,066	2,048	2,066	2,153	2,390	2,738	2,893	2,859	2,819	2,813	2,798	2,784	2,771	2,776	2,787	2,780	2,813	2,943	2,974	2,886	2,759	2,517	2,269
02/19/04	2,275	2,228	2,202	2,246	2,324	2,590	2,986	3,173	3,122	3,006	2,926	2,865	2,801	2,769	2,750	2,709	2,725	2,828	3,004	3,042	2,985	2,861	2,647	2,404
02/20/04	2,414	2,372	2,357	2,401	2,486	2,747	3,150	3,305	3,247	3,063	2,935	2,827	2,724	2,663	2,614	2,609	2,614	2,724	2,921	2,924	2,904	2,877	2,749	2,525
02/21/04	2,053	2,023	2,008	2,028	2,069	2,220	2,411	2,544	2,623	2,615	2,542	2,421	2,329	2,207	2,144	2,110	2,121	2,244	2,452	2,541	2,464	2,397	2,273	2,131
02/22/04	2,289	2,262	2,238	2,263	2,306	2,440	2,626	2,801	2,879	2,830	2,737	2,621	2,531	2,470	2,397	2,356	2,408	2,567	2,842	2,848	2,814	2,681	2,497	2,294
02/23/04	2,062	2,030	1,989	2,011	2,121	2,353	2,708	2,837	2,845	2,817	2,810	2,762	2,758	2,743	2,739	2,740	2,740	2,806	2,905	2,949	2,871	2,753	2,506	2,250
02/24/04	2,152	2,072	2,051	2,069	2,155	2,390	2,736	2,892	2,864	2,829	2,825	2,813	2,803	2,793	2,801	2,815	2,808	2,836	2,961	2,990	2,903	2,774	2,529	2,279
02/25/04	2,176	2,091	2,067	2,081	2,164	2,391	2,728	2,891	2,874	2,850	2,859	2,858	2,855	2,853	2,869	2,888	2,884	2,902	3,010	3,033	2,946	2,814	2,561	2,305
02/26/04	2,139	2,061	2,043	2,064	2,152	2,391	2,742	2,897	2,862	2,813	2,805	2,788	2,773	2,759	2,762	2,769	2,757	2,795	2,932	2,965	2,877	2,753	2,510	2,264
02/27/04	2,116	2,069	2,065	2,073	2,137	2,365	2,742	2,883	2,860	2,808	2,777	2,760	2,712	2,706	2,689	2,669	2,668	2,691	2,776	2,805	2,732	2,649	2,472	2,284
02/28/04	2,307	2,250	2,219	2,258	2,311	2,495	2,794	2,978	3,009	2,952	2,873	2,765	2,725	2,649	2,579	2,579	2,616	2,823	3,020	2,983	2,889	2,826	2,667	2,444
02/29/04	2,289	2,262	2,238	2,263	2,306	2,440	2,626	2,801	2,879	2,830	2,737	2,621	2,531	2,470	2,397	2,356	2,408	2,567	2,842	2,848	2,814	2,681	2,497	2,294

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
03/01/04	2,049	2,004	2,002	2,033	2,120	2,363	2,782	2,936	2,892	2,795	2,761	2,684	2,642	2,626	2,598	2,584	2,596	2,685	2,814	2,843	2,780	2,672	2,446	2,214
03/02/04	2,156	2,113	2,089	2,128	2,201	2,451	2,823	2,997	2,948	2,846	2,768	2,710	2,650	2,620	2,602	2,567	2,585	2,678	2,841	2,876	2,823	2,705	2,506	2,278
03/03/04	2,156	2,114	2,090	2,129	2,202	2,451	2,822	2,997	2,947	2,844	2,769	2,711	2,651	2,619	2,602	2,566	2,585	2,678	2,841	2,876	2,823	2,705	2,506	2,277
03/04/04	2,156	2,113	2,089	2,130	2,203	2,452	2,824	2,999	2,952	2,843	2,768	2,711	2,651	2,620	2,603	2,564	2,579	2,676	2,841	2,877	2,824	2,707	2,506	2,278
03/05/04	2,130	2,084	2,069	2,088	2,198	2,409	2,793	2,952	2,891	2,806	2,746	2,651	2,611	2,589	2,522	2,504	2,524	2,565	2,729	2,759	2,688	2,644	2,499	2,309
03/06/04	2,192	2,120	2,109	2,120	2,159	2,271	2,441	2,616	2,698	2,708	2,662	2,580	2,515	2,437	2,384	2,355	2,382	2,497	2,683	2,699	2,646	2,563	2,435	2,268
03/07/04	2,146	2,092	2,070	2,089	2,122	2,223	2,356	2,511	2,579	2,576	2,543	2,481	2,423	2,350	2,301	2,268	2,317	2,466	2,646	2,696	2,646	2,570	2,396	2,211
03/08/04	2,154	2,107	2,116	2,141	2,263	2,525	2,921	3,112	3,039	2,941	2,847	2,731	2,663	2,636	2,565	2,570	2,572	2,708	2,935	2,941	2,917	2,808	2,573	2,343
03/09/04	2,312	2,298	2,279	2,331	2,440	2,767	3,157	3,356	3,268	3,109	2,987	2,889	2,783	2,741	2,667	2,645	2,655	2,818	3,034	3,029	2,989	2,889	2,674	2,432
03/10/04	2,226	2,193	2,159	2,189	2,278	2,575	2,940	3,115	3,043	2,912	2,820	2,744	2,659	2,630	2,572	2,558	2,573	2,721	2,925	2,931	2,895	2,800	2,593	2,361
03/11/04	2,174	2,138	2,100	2,129	2,214	2,499	2,855	3,023	2,964	2,844	2,768	2,704	2,629	2,607	2,554	2,539	2,548	2,684	2,876	2,886	2,849	2,753	2,545	2,315
03/12/04	2,177	2,134	2,122	2,146	2,262	2,481	2,879	3,052	2,979	2,876	2,800	2,687	2,636	2,607	2,533	2,512	2,534	2,589	2,771	2,797	2,727	2,688	2,546	2,357
03/13/04	2,177	2,105	2,092	2,102	2,139	2,249	2,416	2,586	2,671	2,687	2,646	2,569	2,508	2,433	2,381	2,352	2,379	2,492	2,673	2,689	2,636	2,551	2,422	2,256
03/14/04	2,170	2,145	2,122	2,145	2,186	2,312	2,486	2,651	2,724	2,678	2,591	2,481	2,397	2,340	2,271	2,233	2,282	2,431	2,689	2,695	2,663	2,538	2,365	2,175
03/15/04	2,049	2,004	2,002	2,033	2,120	2,363	2,782	2,936	2,892	2,795	2,761	2,684	2,642	2,626	2,598	2,584	2,596	2,685	2,814	2,843	2,780	2,672	2,446	2,214
03/16/04	2,156	2,113	2,089	2,128	2,201	2,451	2,823	2,997	2,948	2,846	2,768	2,710	2,650	2,620	2,602	2,567	2,585	2,678	2,841	2,876	2,823	2,705	2,506	2,278
03/17/04	2,156	2,114	2,090	2,129	2,202	2,451	2,822	2,997	2,947	2,844	2,769	2,711	2,651	2,619	2,602	2,566	2,585	2,678	2,841	2,876	2,823	2,705	2,506	2,277
03/18/04	2,156	2,113	2,089	2,130	2,203	2,452	2,824	2,999	2,952	2,843	2,768	2,711	2,651	2,620	2,603	2,564	2,579	2,676	2,841	2,877	2,824	2,707	2,506	2,278
03/19/04	2,008	1,964	1,960	1,968	2,028	2,241	2,595	2,727	2,706	2,658	2,628	2,613	2,568	2,562	2,547	2,528	2,527	2,548	2,628	2,655	2,587	2,509	2,342	2,166
03/20/04	1,954	1,924	1,909	1,927	1,963	2,104	2,281	2,406	2,483	2,478	2,414	2,305	2,222	2,111	2,055	2,025	2,036	2,148	2,338	2,420	2,348	2,283	2,164	2,028
03/21/04	2,170	2,145	2,122	2,145	2,186	2,312	2,486	2,651	2,724	2,678	2,591	2,481	2,397	2,340	2,271	2,233	2,282	2,431	2,689	2,695	2,663	2,538	2,365	2,175
03/22/04	1,980	1,945	1,899	1,916	2,017	2,227	2,553	2,682	2,708	2,699	2,710	2,680	2,694	2,696	2,706	2,717	2,719	2,765	2,831	2,865	2,791	2,672	2,428	2,177
03/23/04	2,025	1,954	1,937	1,956	2,038	2,265	2,596	2,738	2,702	2,661	2,650	2,631	2,616	2,601	2,603	2,612	2,604	2,638	2,767	2,797	2,715	2,597	2,373	2,142
03/24/04	2,042	1,967	1,948	1,964	2,045	2,265	2,589	2,736	2,708	2,675	2,673	2,662	2,651	2,642	2,649	2,662	2,656	2,683	2,800	2,827	2,745	2,625	2,394	2,160
03/25/04	2,036	1,961	1,943	1,962	2,044	2,266	2,593	2,739	2,711	2,668	2,663	2,651	2,638	2,628	2,633	2,641	2,631	2,664	2,787	2,817	2,734	2,617	2,387	2,153
03/26/04	2,079	2,023	2,010	2,008	2,056	2,246	2,581	2,727	2,738	2,722	2,721	2,738	2,717	2,737	2,746	2,739	2,744	2,739	2,769	2,778	2,706	2,610	2,422	2,232
03/27/04	1,975	1,940	1,919	1,933	1,965	2,100	2,269	2,395	2,480	2,487	2,438	2,342	2,272	2,174	2,128	2,107	2,119	2,218	2,389	2,467	2,393	2,321	2,195	2,051
03/28/04	2,044	1,984	1,943	1,943	1,948	2,014	2,108	2,222	2,326	2,392	2,410	2,413	2,415	2,401	2,389	2,419	2,434	2,514	2,627	2,719	2,668	2,529	2,332	2,099
03/29/04	2,078	2,029	1,957	1,963	2,058	2,241	2,546	2,701	2,781	2,828	2,891	2,911	2,976	3,024	3,074	3,118	3,124	3,126	3,111	3,119	3,039	2,898	2,616	2,333
03/30/04	2,185	2,080	2,038	2,039	2,106	2,285	2,565	2,746	2,789	2,821	2,876	2,919	2,954	2,987	3,035	3,082	3,086	3,057	3,088	3,085	3,003	2,857	2,588	2,321
03/31/04	2,115	2,025	1,994	2,001	2,074	2,270	2,570	2,736	2,746	2,748	2,778	2,798	2,811	2,825	2,856	2,887	2,887	2,883	2,951	2,962	2,881	2,747	2,495	2,243
04/01/04	2,204	2,110	2,077	2,087	2,160	2,359	2,662	2,831	2,846	2,843	2,875	2,897	2,912	2,928	2,960	2,989	2,985	2,983	3,053	3,064	2,982	2,847	2,589	2,333
04/02/04	2,234	2,167	2,146	2,135	2,174	2,345	2,668	2,830	2,870	2,882	2,909	2,956	2,956	3,000	3,030	3,034	3,045	3,017	3,003	2,996	2,919	2,805	2,594	2,391
04/03/04	2,076	2,037	2,010	2,022	2,050	2,181	2,346	2,475	2,568	2,586	2,548	2,463	2,404	2,316	2,277	2,263	2,276	2,366	2,524	2,597	2,522	2,443	2,308	2,156
04/04/04	2,063	2,018	1,991	2,003	2,023	2,115	2,235	2,344	2,420	2,444	2,414	2,361	2,317	2,257	2,205	2,204	2,213	2,327	2,509	2,634	2,581	2,465	2,293	2,083
04/05/04	2,032	2,003	1,967	1,989	2,095	2,319	2,660	2,778	2,779	2,744	2,730	2,676	2,665	2,644	2,634	2,630	2,629	2,699	2,806	2,851	2,777	2,668	2,439	2,200
04/06/04	2,125	2,049	2,029	2,046	2,128	2,351	2,681	2,829	2,802	2,769	2,764	2,753	2,743	2,734	2,741	2,754	2,748	2,774	2,893	2,921	2,838	2,715	2,483	2,245
04/07/04	2,198	2,159	2,119	2,140	2,219	2,490	2,835	2,994	2,946	2,855	2,796	2,745	2,681	2,664	2,617	2,606	2,618	2,734	2,910	2,924	2,881	2,781	2,573	2,343
04/08/04	2,341	2,308	2,273	2,309	2,402	2,709	3,082	3,265	3,190	3,042	2,941	2,858	2,766	2,735	2,673	2,655	2,668	2,829	3,046	3,052	3,017	2,923	2,711	2,474
04/09/04	2,195	2,147	2,131	2,148	2,256	2,466	2,847	3,004	2,947	2,870	2,816	2,727	2,691	2,672	2,608	2,589	2,610	2,646	2,804	2,835	2,763	2,716	2,567	2,375
04/10/04	2,181	2,104	2,083	2,085	2,114	2,211	2,360	2,514	2,619	2,671	2,659	2,605	2,559	2,495	2,448	2,423	2,449	2,559	2,718	2,716	2,658	2,566	2,433	2,269
04/11/04	2,040	2,002	1,981	1,998	2,024	2,128	2,259	2,365	2,428	2,434	2,384	2,307	2,241	2,162	2,091	2,076	2,083	2,211	2,423	2,562	2,507	2,402	2,243	2,044
04/12/04	2,053	2,020	1,976	1,995	2,098	2,314	2,648	2,775	2,793	2,777	2,781	2,744	2,750	2,746	2,751	2,758	2,758	2,812	2,890	2,928	2,853	2,736	2,494	2,244
04/13/04	2,241	2,198	2,173	2,213	2,287	2,540	2,917	3,093	3,044	2,940	2,862	2,802	2,742	2,711	2,693	2,657	2,676	2,770	2,935	2,971	2,917	2,797	2,596	2,365
04/14/04	2,152	2,070	2,047	2,059	2,138	2,352	2,671	2,827	2,813	2,793	2,802	2,803	2,801	2,801	2,817	2,836	2,833	2,848	2,948	2,970	2,887	2,760	2,519	2,275
04/15/04	2,242	2,197	2,173	2,215	2,289	2,542	2,918	3,095	3,048	2,937	2,861	2,803	2,742	2,711	2,694	2,655	2,670	2,768	2,935	2,971	2,917	2,799	2,596	2,365
04/16/04	2,190	2,129	2,113	2,108	2,153	2,337	2,669	2,822	2,845	2,839	2,849	2,878	2,865	2,895	2,912	2,909	2,917	2,902	2,915	2,919	2,844	2,740	2,542	2,345
04/17/04	2,101	2,056	2,024	2,031	2,054	2,178	2,334	2,465	2,568	2,599	2,578	2,509	2,466	2,392	2,364	2,361	2,375	2,451	2,587	2,654	2,578	2,491	2,347	2,186
04/18/04	2,089	2,037	2,004	2,011	2,024	2,106	2,215	2,326	2,415	2,457	2,448	2,419	2,395	2,355	2,320	2,333	2,345	2,445	2,597	2,709	2,656	2,530	2,346	2,125
04/19/04	2,123	2,078	2,015	2,025	2,123	2,318	2,634	2,782	2,844	2,872	2,918	2,921	2,969	3,002	3,039	3,073	3,077	3,094	3,107	3,124	3,046	2,910	2,638	2,363
04/20/04	2,206	2,113	2,079	2,087	2,160	2,358	2,660	2,829	2,844	2,849	2,881	2,902	2,919	2,935	2,968	3,001	3,001	2,994	3,060	3,070	2,988	2,850	2,594	2,337
04/21/04	2,203	2,111	2,079	2,086	2,159	2,358	2,660	2,829	2,840	2,844	2,875	2,896	2,911	2,926	2,958	2,990	2,990	2,985	3,052	3,063	2,980	2,845	2,588	2,332
04/22/04	2,224	2,126	2,090	2,097	2,169	2,362	2,659	2,833	2,857	2,863	2,903	2,932	2,953	2,975	3,012	3,046	3,044	3,034	3,092	3,100	3,017	2,879	2,616	2,355
04/23/04	2,253	2,184	2,160	2,148	2,183	2,349	2,669	2,834	2,882	2,901	2,934	2,990	2,995	3,044	3,079	3,086	3,098	3,065	3,041	3,029	2,951	2,832	2,617	2,411
04/24/04	2,218	2,151	2,092	2,083	2,083	2,183	2,305	2,445	2,587	2,676	2,722	2,716	2,736	2,717	2,731	2,766	2,785	2,807	2,862	2,901	2,816	2,699	2,519	2,324
04/25/04	2,200	2,126	2,070	2,061	2,054	2,100	2,174	2,296	2,427	2,532	2,591	2,638	2,680	2,703	2,722	2,778	2,796	2,850	2,910	2,976	2,924	2,763	2,540	2,282
04/26/04	2,238	2,180	2,091	2,091	2,184	2,355	2,653	2,823	2,935	3,010	3,102	3,147	3,240	3,310	3,381	3,440	3,449	3,431	3,376	3,366	3,281	3,127	2,822	2,518
04/27/04	2,372	2,247	2,193	2,186	2,246	2,406	2,665	2,870	2,951	3,018	3,108	3,183	3,242	3,297	3,368	3,434	3,442	3,386	3,374	3,350	3,264	3,104	2,809	2,521
04/28/04	2,583	2,409	2,320	2,284	2,317	2,427	2,629	2,862	2,988	3,096	3,233	3,347	3,427	3,497	3,586	3,665	3,662	3,602	3,565	3,532	3,462	3,317	3,020	2,736
04/29/04	2,708	2,514	2,415	2,377	2,406	2,501	2,687	2,940	3,092	3,214	3,374	3,509	3,601	3,679	3,779	3,865	3,865	3,799	3,751	3,700	3,621	3,474	3,163	2,870
04/30/04	2,474	2,380	2,339	2,305	2,315	2,433	2,723	2,925	3,046	3,136	3,234	3,368	3,421	3,523	3,604	3,635	3,663	3,588	3,468	3,408	3,314	3,159	2,893	2,662

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
05/01/04	2,490	2,392	2,296	2,268	2,242	2,330	2,437	2,608	2,814	2,979	3,109	3,168	3,260	3,293	3,355	3,431	3,456	3,426	3,406	3,414	3,303	3,140	2,899	2,644
05/02/04	2,521	2,409	2,316	2,284	2,248	2,261	2,311	2,465	2,664	2,861	3,009	3,150	3,274	3,367	3,443	3,553	3,572	3,583	3,549	3,569	3,501	3,281	2,985	2,654
05/03/04	2,397	2,326	2,217	2,214	2,317	2,500	2,828	3,027	3,171	3,271	3,391	3,455	3,575	3,665	3,755	3,831	3,841	3,812	3,727	3,704	3,606	3,428	3,074	2,722
05/04/04	2,589	2,434	2,363	2,349	2,411	2,574	2,847	3,097	3,217	3,319	3,448	3,557	3,641	3,718	3,814	3,902	3,914	3,832	3,789	3,744	3,641	3,452	3,104	2,766
05/05/04	2,479	2,342	2,284	2,277	2,345	2,526	2,820	3,049	3,133	3,203	3,301	3,382	3,444	3,502	3,580	3,650	3,659	3,600	3,593	3,569	3,472	3,295	2,966	2,644
05/06/04	2,319	2,211	2,172	2,181	2,263	2,482	2,819	3,013	3,035	3,038	3,079	3,108	3,129	3,151	3,190	3,226	3,223	3,216	3,286	3,296	3,204	3,050	2,757	2,466
05/07/04	2,307	2,236	2,216	2,208	2,256	2,458	2,828	3,003	3,035	3,036	3,053	3,093	3,083	3,121	3,145	3,145	3,155	3,134	3,138	3,138	3,053	2,932	2,705	2,481
05/08/04	2,205	2,151	2,111	2,117	2,139	2,276	2,447	2,595	2,715	2,758	2,743	2,674	2,634	2,558	2,532	2,533	2,550	2,628	2,771	2,842	2,756	2,654	2,487	2,302
05/09/04	2,172	2,115	2,079	2,087	2,104	2,197	2,321	2,446	2,544	2,588	2,574	2,538	2,507	2,459	2,417	2,429	2,442	2,557	2,733	2,861	2,801	2,661	2,457	2,210
05/10/04	2,159	2,117	2,061	2,079	2,193	2,429	2,797	2,948	2,984	2,982	3,001	2,974	2,996	3,006	3,023	3,040	3,043	3,089	3,153	3,188	3,103	2,965	2,682	2,392
05/11/04	2,307	2,203	2,165	2,174	2,256	2,479	2,819	3,009	3,024	3,030	3,064	3,088	3,106	3,125	3,160	3,198	3,198	3,190	3,265	3,276	3,184	3,030	2,743	2,454
05/12/04	2,481	2,344	2,285	2,278	2,346	2,527	2,821	3,049	3,134	3,204	3,303	3,385	3,447	3,505	3,583	3,653	3,663	3,604	3,595	3,572	3,474	3,297	2,968	2,646
05/13/04	2,507	2,364	2,302	2,295	2,362	2,538	2,827	3,062	3,159	3,230	3,337	3,426	3,494	3,558	3,641	3,712	3,718	3,657	3,642	3,614	3,516	3,337	3,001	2,675
05/14/04	2,531	2,433	2,391	2,360	2,379	2,527	2,860	3,075	3,188	3,267	3,357	3,482	3,527	3,626	3,703	3,731	3,757	3,684	3,577	3,526	3,426	3,263	2,981	2,728
05/15/04	2,446	2,354	2,264	2,240	2,221	2,314	2,427	2,594	2,790	2,939	3,051	3,095	3,171	3,192	3,244	3,312	3,336	3,318	3,316	3,333	3,226	3,071	2,838	2,591
05/16/04	2,444	2,340	2,257	2,231	2,204	2,227	2,286	2,435	2,618	2,791	2,916	3,032	3,134	3,208	3,270	3,367	3,388	3,413	3,406	3,442	3,378	3,169	2,886	2,567
05/17/04	2,505	2,426	2,299	2,288	2,390	2,557	2,874	3,087	3,262	3,390	3,537	3,624	3,769	3,876	3,984	4,073	4,084	4,040	3,920	3,876	3,772	3,585	3,212	2,843
05/18/04	2,790	2,606	2,520	2,497	2,551	2,689	2,930	3,216	3,384	3,531	3,707	3,859	3,972	4,072	4,193	4,304	4,317	4,208	4,124	4,043	3,925	3,722	3,346	2,986
05/19/04	2,760	2,580	2,497	2,475	2,529	2,669	2,914	3,195	3,356	3,496	3,668	3,815	3,923	4,020	4,139	4,245	4,260	4,154	4,074	3,999	3,882	3,682	3,309	2,951
05/20/04	2,755	2,574	2,491	2,472	2,527	2,668	2,914	3,195	3,358	3,490	3,661	3,808	3,916	4,013	4,131	4,235	4,244	4,142	4,066	3,993	3,877	3,678	3,304	2,947
05/21/04	2,798	2,680	2,626	2,575	2,568	2,673	2,990	3,244	3,427	3,569	3,720	3,924	4,007	4,152	4,266	4,313	4,355	4,256	4,072	3,969	3,850	3,657	3,324	3,054
05/22/04	2,685	2,570	2,447	2,406	2,356	2,430	2,516	2,704	2,952	3,172	3,371	3,480	3,631	3,699	3,797	3,897	3,922	3,854	3,774	3,750	3,617	3,433	3,160	2,878
05/23/04	2,733	2,604	2,488	2,445	2,389	2,384	2,420	2,588	2,817	3,065	3,262	3,451	3,617	3,741	3,841	3,974	3,984	3,971	3,887	3,877	3,797	3,553	3,233	2,877
05/24/04	2,775	2,681	2,516	2,491	2,594	2,732	3,031	3,264	3,500	3,671	3,866	3,989	4,179	4,305	4,439	4,546	4,557	4,500	4,324	4,235	4,117	3,923	3,518	3,119
05/25/04	2,993	2,784	2,686	2,659	2,708	2,829	3,047	3,366	3,569	3,746	3,959	4,143	4,274	4,386	4,524	4,651	4,662	4,537	4,435	4,322	4,185	3,974	3,580	3,204
05/26/04	3,273	3,018	2,898	2,855	2,889	2,981	3,157	3,508	3,731	3,925	4,167	4,375	4,507	4,607	4,747	4,876	4,868	4,760	4,678	4,554	4,417	4,230	3,846	3,485
05/27/04	3,269	3,012	2,892	2,850	2,885	2,976	3,154	3,505	3,730	3,916	4,158	4,365	4,497	4,598	4,737	4,863	4,850	4,746	4,668	4,546	4,411	4,226	3,841	3,480
05/28/04	3,226	3,081	3,015	2,932	2,879	2,930	3,239	3,528	3,762	3,941	4,134	4,415	4,499	4,669	4,791	4,832	4,885	4,815	4,606	4,471	4,354	4,169	3,814	3,569
05/29/04	3,094	2,964	2,801	2,749	2,659	2,734	2,807	3,023	3,327	3,620	3,909	4,063	4,288	4,373	4,508	4,628	4,645	4,540	4,406	4,344	4,163	3,968	3,659	3,352
05/30/04	3,074	2,929	2,787	2,735	2,653	2,639	2,672	2,860	3,117	3,422	3,664	3,892	4,095	4,237	4,344	4,499	4,485	4,456	4,339	4,309	4,207	3,941	3,601	3,216
05/31/04	3,068	2,934	2,782	2,743	2,661	2,650	2,693	2,864	3,176	3,528	3,772	4,060	4,246	4,337	4,511	4,672	4,720	4,657	4,474	4,433	4,265	4,044	3,725	3,399
06/01/04	3,102	2,893	2,796	2,769	2,815	2,926	3,127	3,444	3,648	3,827	4,042	4,229	4,359	4,468	4,604	4,731	4,740	4,617	4,516	4,396	4,259	4,055	3,673	3,309
06/02/04	2,910	2,723	2,637	2,613	2,662	2,786	3,006	3,293	3,467	3,620	3,807	3,966	4,081	4,182	4,306	4,418	4,431	4,320	4,230	4,139	4,019	3,822	3,454	3,102
06/03/04	2,880	2,696	2,611	2,590	2,640	2,767	2,991	3,274	3,446	3,588	3,769	3,924	4,037	4,136	4,257	4,364	4,373	4,268	4,184	4,099	3,981	3,787	3,420	3,070
06/04/04	2,825	2,712	2,661	2,613	2,608	2,710	3,014	3,255	3,427	3,560	3,702	3,894	3,972	4,109	4,216	4,262	4,301	4,206	4,033	3,937	3,824	3,641	3,324	3,066
06/05/04	2,619	2,518	2,415	2,382	2,347	2,425	2,517	2,687	2,902	3,083	3,237	3,316	3,429	3,477	3,553	3,636	3,660	3,615	3,568	3,563	3,448	3,283	3,038	2,782
06/06/04	2,551	2,446	2,360	2,331	2,299	2,314	2,364	2,510	2,696	2,878	3,013	3,142	3,254	3,338	3,408	3,509	3,528	3,542	3,517	3,540	3,477	3,269	2,989	2,675
06/07/04	2,555	2,480	2,359	2,349	2,446	2,606	2,910	3,113	3,280	3,401	3,541	3,624	3,763	3,864	3,968	4,052	4,063	4,021	3,907	3,865	3,766	3,587	3,231	2,878
06/08/04	2,491	2,367	2,315	2,312	2,380	2,563	2,855	3,064	3,131	3,184	3,263	3,327	3,377	3,425	3,490	3,551	3,557	3,511	3,521	3,507	3,416	3,251	2,946	2,645
06/09/04	2,468	2,349	2,300	2,298	2,368	2,556	2,853	3,057	3,114	3,158	3,230	3,288	3,332	3,374	3,434	3,489	3,496	3,457	3,476	3,467	3,376	3,215	2,915	2,618
06/10/04	2,600	2,457	2,393	2,384	2,445	2,607	2,875	3,108	3,213	3,293	3,408	3,504	3,577	3,645	3,731	3,806	3,813	3,745	3,718	3,683	3,587	3,412	3,083	2,765
06/11/04	2,714	2,609	2,562	2,521	2,526	2,643	2,951	3,177	3,323	3,433	3,552	3,713	3,778	3,898	3,994	4,032	4,065	3,978	3,832	3,756	3,651	3,478	3,181	2,929
06/12/04	2,620	2,518	2,415	2,382	2,348	2,425	2,517	2,687	2,902	3,084	3,238	3,317	3,430	3,478	3,554	3,638	3,662	3,616	3,569	3,563	3,449	3,283	3,039	2,783
06/13/04	2,703	2,585	2,481	2,443	2,396	2,396	2,434	2,590	2,800	3,022	3,196	3,363	3,509	3,620	3,709	3,830	3,844	3,838	3,771	3,770	3,698	3,471	3,172	2,839
06/14/04	2,747	2,660	2,512	2,491	2,589	2,727	3,017	3,235	3,448	3,603	3,779	3,889	4,062	4,179	4,303	4,401	4,413	4,359	4,202	4,127	4,018	3,832	3,452	3,077
06/15/04	2,936	2,746	2,657	2,633	2,681	2,804	3,022	3,313	3,493	3,650	3,839	4,002	4,121	4,223	4,349	4,464	4,476	4,362	4,271	4,176	4,054	3,854	3,485	3,131
06/16/04	3,103	2,893	2,798	2,770	2,816	2,926	3,126	3,443	3,646	3,825	4,043	4,230	4,360	4,468	4,605	4,730	4,740	4,618	4,515	4,397	4,258	4,055	3,672	3,308
06/17/04	3,089	2,880	2,785	2,759	2,806	2,917	3,119	3,435	3,639	3,809	4,026	4,212	4,341	4,450	4,586	4,708	4,713	4,595	4,496	4,380	4,243	4,042	3,658	3,294
06/18/04	3,098	2,974	2,921	2,860	2,834	2,909	3,212	3,486	3,704	3,875	4,057	4,309	4,402	4,567	4,692	4,744	4,798	4,701	4,488	4,351	4,220	4,021	3,669	3,407
06/19/04	2,974	2,853	2,709	2,662	2,589	2,657	2,729	2,927	3,201	3,461	3,712	3,849	4,043	4,123	4,244	4,355	4,374	4,283	4,167	4,117	3,961	3,775	3,489	3,201
06/20/04	3,324	3,180	3,030	2,979	2,887	2,875	2,908	3,100	3,357	3,676	3,925	4,157	4,366	4,503	4,602	4,761	4,729	4,700	4,579	4,550	4,442	4,177	3,842	3,456
06/21/04	3,160	3,060	2,860	2,824	2,933	3,038	3,311	3,547	3,828	4,022	4,249	4,388	4,606	4,727	4,869	4,980	4,986	4,939	4,733	4,607	4,481	4,299	3,891	3,484
06/22/04	3,272	3,044	2,941	2,913	2,958	3,060	3,246	3,588	3,812	4,007	4,245	4,451	4,589	4,699	4,843	4,978	4,982	4,854	4,750	4,609	4,456	4,250	3,859	3,488
06/23/04	3,325	3,091	2,988	2,958	3,004	3,103	3,283	3,633	3,861	4,059	4,306	4,518	4,657	4,766	4,912	5,048	5,052	4,923	4,818	4,672	4,514	4,308	3,914	3,542
06/24/04	3,644	3,377	3,265	3,238	3,287	3,372	3,524	3,924	4,181	4,394	4,673	4,915	5,060	5,161	5,317	5,463	5,452	5,314	5,215	5,041	4,858	4,655	4,250	3,873
06/25/04	3,393	3,264	3,218	3,146	3,100	3,151	3,463	3,763	4,010	4,200	4,408	4,709	4,799	4,981	5,112	5,162	5,232	5,141	4,905	4,739	4,595	4,388	4,012	3,755
06/26/04	3,796	3,678	3,466	3,417	3,263	3,372	3,433	3,654	3,985	4,313	4,657	4,804	5,089	5,145	5,280	5,431	5,426	5,272	5,111	5,069	4,844	4,683	4,362	4,051
06/27/04	3,568	3,424	3,259	3,212	3,103	3,096	3,128	3,336	3,604	3,947	4,211	4,458	4,680	4,818	4,914	5,088	5,035	5,006	4,874	4,856	4,743	4,465	4,118	3,706
06/28/04	3,394	3,293	3,062	3,021	3,143	3,236	3,503	3,743	4,055	4,260	4,510	4,656	4,893	5,009	5,156	5,269	5,269	5,233	5,007	4,866	4,734	4,562	4,144	3,725
06/29/04	3,473	3,223	3,115	3,086	3,132	3,226	3,394	3,766	4,007	4,217	4,476	4,702	4,845	4,952	5,102	5,245	5,243	5,109	5,007	4,846	4,676	4,470	4,072	3,697
06/30/04	3,295	3,065	2,963	2,933	2,979	3,079	3,261	3,608	3,832	4,028	4,271	4,481	4,619	4,728	4,873	5,009	5,013	4,884	4,780	4,637	4,481	4,276	3,883	3,512

APS Own Load Hourly mW Forecast

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Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
07/01/04	3,404	3,187	3,092	3,067	3,109	3,198	3,361	3,685	3,897	4,074	4,301	4,498	4,626	4,725	4,859	4,982	4,981	4,865	4,772	4,637	4,491	4,305	3,943	3,604
07/02/04	3,379	3,263	3,219	3,155	3,117	3,169	3,452	3,720	3,940	4,111	4,296	4,561	4,645	4,808	4,926	4,973	5,033	4,949	4,738	4,592	4,462	4,275	3,937	3,701
07/03/04	3,320	3,206	3,053	3,008	2,917	2,988	3,050	3,245	3,521	3,791	4,060	4,198	4,409	4,480	4,602	4,711	4,722	4,623	4,499	4,441	4,271	4,104	3,828	3,556
07/04/04	3,706	3,576	3,420	3,380	3,273	3,268	3,295	3,491	3,740	4,064	4,311	4,543	4,753	4,882	4,969	5,138	5,080	5,054	4,925	4,917	4,815	4,554	4,231	3,840
07/05/04	3,517	3,410	3,256	3,232	3,134	3,123	3,167	3,316	3,608	3,944	4,176	4,493	4,685	4,756	4,923	5,074	5,076	4,987	4,793	4,733	4,525	4,337	4,095	3,835
07/06/04	3,734	3,484	3,380	3,354	3,398	3,473	3,605	3,977	4,215	4,420	4,676	4,901	5,033	5,123	5,267	5,405	5,396	5,264	5,172	5,010	4,840	4,654	4,287	3,943
07/07/04	3,706	3,459	3,357	3,330	3,374	3,449	3,583	3,951	4,186	4,388	4,644	4,868	4,999	5,089	5,232	5,369	5,362	5,231	5,139	4,979	4,810	4,624	4,258	3,914
07/08/04	3,961	3,687	3,577	3,553	3,600	3,660	3,764	4,174	4,433	4,646	4,923	5,168	5,301	5,381	5,534	5,677	5,659	5,511	5,416	5,247	5,068	4,886	4,514	4,171
07/09/04	4,000	3,899	3,895	3,828	3,758	3,768	4,072	4,393	4,653	4,850	5,082	5,444	5,515	5,718	5,867	5,909	6,023	5,899	5,587	5,388	5,223	4,984	4,589	4,339
07/10/04	4,194	4,093	3,862	3,818	3,628	3,749	3,781	3,967	4,279	4,590	4,928	5,059	5,362	5,411	5,530	5,719	5,704	5,499	5,307	5,317	5,106	4,977	4,669	4,366
07/11/04	3,961	3,836	3,666	3,637	3,507	3,502	3,510	3,725	3,992	4,345	4,614	4,882	5,122	5,271	5,373	5,588	5,510	5,475	5,298	5,323	5,237	4,950	4,597	4,148
07/12/04	3,680	3,595	3,350	3,311	3,439	3,515	3,753	3,976	4,287	4,483	4,736	4,874	5,112	5,212	5,352	5,458	5,450	5,428	5,195	5,065	4,944	4,802	4,413	4,019
07/13/04	3,647	3,406	3,304	3,277	3,321	3,400	3,541	3,900	4,130	4,330	4,579	4,796	4,928	5,021	5,162	5,297	5,291	5,163	5,072	4,915	4,750	4,563	4,198	3,854
07/14/04	3,633	3,394	3,293	3,266	3,309	3,388	3,529	3,887	4,116	4,314	4,564	4,781	4,912	5,004	5,145	5,279	5,275	5,148	5,055	4,900	4,735	4,549	4,183	3,840
07/15/04	3,725	3,475	3,371	3,347	3,391	3,466	3,599	3,971	4,209	4,407	4,665	4,890	5,022	5,112	5,256	5,390	5,379	5,250	5,161	5,000	4,830	4,646	4,277	3,933
07/16/04	3,460	3,343	3,301	3,235	3,192	3,237	3,522	3,797	4,023	4,197	4,388	4,665	4,747	4,913	5,033	5,078	5,143	5,060	4,843	4,691	4,559	4,370	4,027	3,792
07/17/04	3,479	3,367	3,201	3,156	3,050	3,129	3,191	3,391	3,678	3,960	4,248	4,386	4,614	4,678	4,802	4,918	4,924	4,814	4,685	4,627	4,442	4,281	3,998	3,724
07/18/04	3,305	3,175	3,043	2,997	2,917	2,906	2,935	3,106	3,337	3,619	3,841	4,048	4,234	4,359	4,451	4,592	4,569	4,543	4,435	4,408	4,312	4,074	3,772	3,426
07/19/04	3,410	3,318	3,112	3,075	3,184	3,270	3,514	3,733	4,013	4,199	4,424	4,556	4,770	4,876	5,009	5,112	5,113	5,078	4,875	4,748	4,628	4,470	4,090	3,710
07/20/04	3,540	3,310	3,210	3,184	3,226	3,310	3,461	3,804	4,026	4,219	4,458	4,666	4,797	4,893	5,031	5,162	5,160	5,036	4,944	4,795	4,638	4,450	4,087	3,745
07/21/04	3,577	3,344	3,245	3,218	3,260	3,342	3,488	3,837	4,061	4,256	4,501	4,713	4,843	4,938	5,077	5,209	5,207	5,082	4,989	4,837	4,677	4,490	4,126	3,783
07/22/04	3,176	2,984	2,897	2,874	2,916	3,016	3,200	3,489	3,677	3,833	4,032	4,203	4,322	4,421	4,545	4,657	4,662	4,554	4,463	4,356	4,230	4,046	3,695	3,364
07/23/04	3,305	3,189	3,143	3,082	3,049	3,107	3,387	3,649	3,863	4,029	4,208	4,461	4,546	4,705	4,822	4,870	4,926	4,840	4,635	4,495	4,369	4,184	3,851	3,613
07/24/04	2,984	2,876	2,752	2,711	2,652	2,714	2,781	2,956	3,196	3,420	3,632	3,750	3,913	3,984	4,087	4,185	4,205	4,128	4,031	3,993	3,859	3,691	3,437	3,179
07/25/04	2,975	2,857	2,748	2,707	2,650	2,642	2,671	2,823	3,032	3,267	3,455	3,633	3,791	3,907	3,999	4,122	4,125	4,107	4,021	4,003	3,927	3,707	3,421	3,102
07/26/04	3,107	3,018	2,851	2,821	2,916	3,021	3,273	3,485	3,723	3,891	4,085	4,206	4,394	4,505	4,631	4,730	4,738	4,691	4,514	4,412	4,301	4,132	3,766	3,403
07/27/04	3,350	3,140	3,045	3,019	3,061	3,153	3,321	3,635	3,841	4,020	4,239	4,429	4,555	4,655	4,787	4,911	4,914	4,797	4,702	4,572	4,431	4,243	3,886	3,547
07/28/04	3,294	3,090	2,998	2,972	3,013	3,107	3,279	3,586	3,785	3,958	4,173	4,358	4,481	4,581	4,711	4,832	4,838	4,722	4,627	4,503	4,366	4,180	3,824	3,488
07/29/04	3,554	3,321	3,222	3,197	3,240	3,323	3,472	3,819	4,043	4,230	4,473	4,684	4,814	4,910	5,049	5,177	5,171	5,051	4,960	4,811	4,653	4,467	4,101	3,759
07/30/04	3,673	3,555	3,522	3,449	3,390	3,417	3,707	3,996	4,232	4,411	4,614	4,921	4,993	5,168	5,291	5,329	5,407	5,327	5,091	4,928	4,793	4,598	4,245	4,018
07/31/04	3,545	3,433	3,263	3,217	3,105	3,188	3,249	3,451	3,741	4,028	4,321	4,459	4,694	4,755	4,879	4,998	5,002	4,887	4,755	4,700	4,510	4,351	4,066	3,790
08/01/04	3,473	3,335	3,188	3,140	3,049	3,038	3,070	3,256	3,505	3,815	4,056	4,281	4,483	4,615	4,709	4,863	4,829	4,802	4,684	4,658	4,553	4,296	3,974	3,600
08/02/04	3,665	3,572	3,327	3,286	3,414	3,497	3,749	3,982	4,300	4,503	4,760	4,903	5,145	5,252	5,396	5,507	5,502	5,475	5,241	5,103	4,975	4,820	4,413	4,003
08/03/04	3,730	3,475	3,368	3,340	3,386	3,468	3,615	3,995	4,239	4,450	4,713	4,943	5,082	5,179	5,328	5,470	5,464	5,328	5,232	5,066	4,892	4,695	4,311	3,949
08/04/04	3,534	3,299	3,197	3,169	3,213	3,303	3,467	3,818	4,045	4,243	4,490	4,704	4,839	4,941	5,085	5,220	5,220	5,093	4,994	4,844	4,683	4,486	4,106	3,746
08/05/04	3,788	3,526	3,417	3,392	3,438	3,517	3,658	4,048	4,298	4,505	4,776	5,012	5,151	5,246	5,397	5,538	5,526	5,392	5,297	5,129	4,951	4,757	4,369	4,007
08/06/04	3,739	3,615	3,580	3,504	3,441	3,470	3,775	4,079	4,328	4,516	4,729	5,051	5,127	5,311	5,441	5,481	5,563	5,478	5,230	5,059	4,917	4,712	4,341	4,102
08/07/04	3,681	3,565	3,379	3,332	3,206	3,298	3,361	3,574	3,883	4,189	4,504	4,648	4,902	4,963	5,094	5,223	5,225	5,098	4,956	4,901	4,696	4,532	4,230	3,938
08/08/04	3,724	3,586	3,425	3,381	3,272	3,266	3,296	3,499	3,758	4,094	4,350	4,590	4,807	4,941	5,032	5,205	5,148	5,121	4,990	4,978	4,869	4,599	4,263	3,859
08/09/04	3,685	3,592	3,345	3,304	3,433	3,515	3,766	4,000	4,320	4,524	4,783	4,926	5,171	5,277	5,422	5,532	5,527	5,501	5,264	5,127	4,999	4,845	4,438	4,027
08/10/04	4,461	4,099	3,945	3,891	3,921	3,915	3,920	4,403	4,706	4,955	5,260	5,535	5,656	5,702	5,872	6,023	6,022	5,833	5,719	5,595	5,458	5,311	4,961	4,648
08/11/04	4,234	3,900	3,757	3,706	3,735	3,757	3,808	4,252	4,522	4,747	5,034	5,288	5,405	5,459	5,610	5,749	5,770	5,622	5,541	5,403	5,253	5,102	4,751	4,432
08/12/04	3,778	3,517	3,409	3,383	3,429	3,509	3,650	4,039	4,288	4,495	4,765	5,000	5,139	5,234	5,385	5,526	5,514	5,380	5,286	5,118	4,941	4,747	4,359	3,997
08/13/04	3,925	3,802	3,775	3,693	3,615	3,625	3,930	4,245	4,499	4,688	4,910	5,256	5,322	5,513	5,648	5,681	5,775	5,686	5,416	5,241	5,100	4,890	4,513	4,280
08/14/04	3,695	3,578	3,392	3,344	3,217	3,310	3,373	3,586	3,896	4,202	4,519	4,662	4,918	4,978	5,109	5,239	5,240	5,112	4,969	4,915	4,709	4,546	4,244	3,951
08/15/04	3,687	3,549	3,390	3,346	3,240	3,233	3,264	3,464	3,722	4,053	4,308	4,545	4,760	4,893	4,984	5,153	5,100	5,073	4,944	4,929	4,820	4,553	4,219	3,821
08/16/04	3,735	3,645	3,389	3,348	3,482	3,562	3,812	4,047	4,372	4,578	4,843	4,987	5,237	5,342	5,488	5,600	5,592	5,568	5,325	5,188	5,061	4,911	4,502	4,088
08/17/04	3,730	3,475	3,367	3,339	3,385	3,468	3,614	3,994	4,238	4,449	4,712	4,942	5,081	5,178	5,327	5,469	5,463	5,327	5,231	5,065	4,891	4,694	4,310	3,949
08/18/04	3,582	3,343	3,240	3,211	3,256	3,344	3,503	3,862	4,093	4,294	4,546	4,764	4,900	5,001	5,146	5,283	5,282	5,153	5,055	4,900	4,736	4,539	4,157	3,797
08/19/04	3,753	3,495	3,387	3,361	3,408	3,488	3,632	4,017	4,264	4,470	4,737	4,971	5,109	5,206	5,355	5,495	5,485	5,352	5,258	5,091	4,915	4,721	4,334	3,972
08/20/04	3,634	3,511	3,471	3,398	3,344	3,382	3,685	3,982	4,226	4,413	4,620	4,929	5,010	5,190	5,317	5,361	5,437	5,352	5,114	4,947	4,805	4,604	4,237	3,994
08/21/04	3,527	3,408	3,235	3,187	3,077	3,160	3,225	3,436	3,736	4,033	4,334	4,479	4,718	4,786	4,917	5,038	5,044	4,930	4,794	4,733	4,540	4,369	4,073	3,784
08/22/04	3,158	3,027	2,901	2,854	2,784	2,771	2,801	2,970	3,201	3,473	3,689	3,892	4,074	4,203	4,301	4,440	4,432	4,407	4,303	4,277	4,188	3,947	3,637	3,289
08/23/04	3,536	3,440	3,214	3,174	3,293	3,380	3,635	3,867	4,169	4,368	4,611	4,752	4,983	5,093	5,234	5,343	5,342	5,309	5,089	4,953	4,825	4,663	4,261	3,857
08/24/04	3,720	3,466	3,359	3,331	3,377	3,460	3,607	3,986	4,229	4,439	4,702	4,931	5,070	5,167	5,315	5,458	5,451	5,317	5,221	5,055	4,881	4,685	4,300	3,939
08/25/04	3,501	3,270	3,169	3,141	3,185	3,276	3,443	3,790	4,014	4,209	4,453	4,663	4,798	4,901	5,044	5,177	5,179	5,053	4,953	4,806	4,648	4,451	4,071	3,713
08/26/04	3,463	3,235	3,134	3,108	3,153	3,246	3,417	3,759	3,982	4,168	4,408	4,615	4,750	4,854	4,995	5,125	5,123	5,001	4,904	4,762	4,607	4,412	4,031	3,673
08/27/04	3,380	3,258	3,210	3,146	3,109	3,168	3,463	3,742	3,968	4,145	4,335	4,606	4,695	4,864	4,987	5,037	5,098	5,008	4,790	4,641	4,507	4,311	3,959	3,709
08/28/04	3,081	2,965	2,829	2,784	2,716	2,781	2,850	3,039	3,300	3,547	3,783	3,914	4,097	4,174	4,288	4,394	4,413	4,327	4,217	4,171	4,023	3,845	3,572	3,297
08/29/04	2,961	2,839	2,728	2,687	2,631	2,624	2,656	2,813	3,028	3,267	3,457	3,638	3,798	3,917	4,012	4,138	4,144	4,128	4,043	4,029	3,952	3,724	3,426	3,094
08/30/04	3,263	3,167	2,976	2,942	3,046	3,148	3,410	3,636	3,904	4,089	4,306	4,438	4,646	4,762	4,898	5,005	5,010	4,965	4,768	4,649	4,528	4,354	3,962	3,573
08/31/04	3,401	3,180	3,081	3,053	3,097	3,194	3,371	3,702	3,917	4,106	4,336	4,536	4,669	4,774	4,913	5,043	5,047	4,923	4,824	4,687	4,538	4,340	3,965	3,609

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
09/01/04	2,927	2,721	2,627	2,600	2,646	2,758	2,962	3,274	3,473	3,647	3,860	4,043	4,170	4,278	4,413	4,536	4,547	4,426	4,325	4,211	4,076	3,874	3,492	3,130
09/02/04	3,064	2,841	2,741	2,715	2,761	2,866	3,058	3,391	3,609	3,791	4,023	4,223	4,359	4,468	4,610	4,738	4,741	4,619	4,517	4,386	4,238	4,035	3,644	3,276
09/03/04	3,201	3,073	3,025	2,955	2,912	2,968	3,278	3,575	3,817	4,005	4,210	4,504	4,595	4,775	4,905	4,956	5,023	4,931	4,698	4,536	4,394	4,188	3,815	3,556
09/04/04	2,845	2,724	2,579	2,531	2,458	2,526	2,597	2,796	3,072	3,334	3,587	3,726	3,921	4,002	4,124	4,235	4,255	4,162	4,045	3,994	3,836	3,650	3,363	3,075
09/05/04	3,072	2,931	2,787	2,736	2,651	2,638	2,670	2,856	3,108	3,414	3,655	3,881	4,083	4,220	4,322	4,475	4,452	4,424	4,307	4,276	4,173	3,913	3,583	3,206
09/06/04	3,442	3,334	3,164	3,144	3,031	3,017	3,072	3,240	3,559	3,924	4,179	4,543	4,761	4,832	5,018	5,183	5,176	5,069	4,849	4,773	4,544	4,345	4,100	3,826
09/07/04	3,241	3,001	2,895	2,866	2,912	3,009	3,185	3,544	3,778	3,981	4,232	4,449	4,591	4,699	4,847	4,987	4,988	4,856	4,753	4,600	4,438	4,231	3,836	3,462
09/08/04	3,359	3,107	2,999	2,970	3,016	3,107	3,272	3,649	3,892	4,103	4,367	4,597	4,739	4,844	4,996	5,139	5,138	5,002	4,900	4,737	4,564	4,359	3,960	3,584
09/09/04	3,486	3,220	3,108	3,081	3,129	3,214	3,368	3,765	4,020	4,233	4,509	4,750	4,894	4,996	5,151	5,296	5,286	5,149	5,051	4,879	4,698	4,495	4,091	3,714
09/10/04	3,552	3,422	3,386	3,303	3,233	3,257	3,574	3,892	4,152	4,348	4,571	4,913	4,988	5,180	5,315	5,354	5,441	5,355	5,094	4,917	4,772	4,560	4,174	3,929
09/11/04	3,167	3,042	2,871	2,821	2,717	2,797	2,865	3,081	3,388	3,688	3,990	4,141	4,379	4,455	4,589	4,711	4,722	4,610	4,472	4,408	4,216	4,034	3,729	3,430
09/12/04	3,192	3,049	2,898	2,847	2,754	2,742	2,775	2,968	3,226	3,546	3,796	4,029	4,238	4,375	4,474	4,633	4,600	4,572	4,450	4,422	4,313	4,048	3,712	3,325
09/13/04	3,094	2,993	2,783	2,745	2,858	2,959	3,230	3,468	3,759	3,957	4,192	4,334	4,558	4,678	4,822	4,933	4,937	4,894	4,681	4,550	4,421	4,242	3,830	3,418
09/14/04	3,236	2,997	2,891	2,862	2,908	3,005	3,182	3,540	3,773	3,977	4,227	4,444	4,585	4,693	4,841	4,981	4,982	4,850	4,747	4,595	4,433	4,226	3,831	3,457
09/15/04	3,276	3,033	2,927	2,897	2,943	3,038	3,210	3,575	3,811	4,016	4,272	4,494	4,635	4,742	4,892	5,032	5,033	4,901	4,797	4,642	4,475	4,270	3,872	3,498
09/16/04	3,352	3,099	2,991	2,963	3,010	3,102	3,268	3,645	3,889	4,093	4,357	4,587	4,730	4,835	4,987	5,127	5,121	4,990	4,890	4,729	4,557	4,353	3,952	3,576
09/17/04	3,163	3,035	2,986	2,917	2,877	2,936	3,245	3,538	3,778	3,964	4,165	4,453	4,546	4,723	4,853	4,904	4,970	4,877	4,647	4,488	4,347	4,142	3,772	3,512
09/18/04	3,006	2,881	2,723	2,673	2,585	2,657	2,726	2,935	3,228	3,512	3,792	3,940	4,159	4,240	4,370	4,486	4,502	4,399	4,269	4,209	4,033	3,847	3,550	3,255
09/19/04	3,075	2,934	2,790	2,739	2,654	2,641	2,672	2,859	3,111	3,417	3,659	3,885	4,087	4,224	4,326	4,479	4,456	4,428	4,310	4,280	4,177	3,917	3,586	3,209
09/20/04	3,115	3,015	2,802	2,763	2,877	2,977	3,248	3,486	3,780	3,979	4,216	4,359	4,585	4,704	4,848	4,960	4,964	4,921	4,707	4,574	4,444	4,266	3,853	3,441
09/21/04	2,878	2,678	2,585	2,559	2,606	2,722	2,932	3,236	3,429	3,598	3,801	3,976	4,101	4,208	4,339	4,460	4,471	4,352	4,254	4,147	4,017	3,815	3,438	3,079
09/22/04	2,993	2,780	2,683	2,655	2,701	2,809	3,006	3,329	3,536	3,717	3,940	4,131	4,262	4,371	4,510	4,637	4,646	4,522	4,419	4,296	4,155	3,951	3,566	3,200
09/23/04	2,736	2,553	2,468	2,447	2,497	2,624	2,849	3,132	3,303	3,444	3,624	3,779	3,891	3,990	4,111	4,218	4,227	4,122	4,038	3,954	3,837	3,642	3,275	2,926
09/24/04	2,634	2,524	2,474	2,430	2,429	2,538	2,843	3,078	3,238	3,362	3,494	3,672	3,744	3,874	3,977	4,019	4,056	3,964	3,802	3,715	3,606	3,427	3,118	2,862
09/25/04	2,857	2,735	2,590	2,542	2,467	2,535	2,606	2,806	3,084	3,347	3,603	3,742	3,940	4,021	4,143	4,255	4,274	4,181	4,063	4,011	3,852	3,665	3,377	3,088
09/26/04	2,623	2,501	2,391	2,350	2,298	2,294	2,329	2,489	2,706	2,942	3,128	3,306	3,463	3,581	3,676	3,802	3,813	3,801	3,723	3,714	3,638	3,406	3,101	2,761
09/27/04	2,447	2,369	2,243	2,231	2,328	2,485	2,786	2,992	3,168	3,296	3,443	3,532	3,677	3,783	3,890	3,978	3,989	3,944	3,821	3,773	3,672	3,491	3,130	2,773
09/28/04	2,842	2,647	2,555	2,530	2,578	2,697	2,910	3,208	3,396	3,560	3,757	3,928	4,050	4,155	4,284	4,403	4,414	4,297	4,202	4,100	3,973	3,772	3,398	3,041
09/29/04	2,563	2,405	2,333	2,316	2,372	2,518	2,767	3,018	3,150	3,263	3,405	3,526	3,616	3,698	3,800	3,891	3,905	3,816	3,758	3,703	3,599	3,414	3,070	2,738
09/30/04	2,411	2,275	2,217	2,211	2,275	2,446	2,724	2,947	3,037	3,103	3,203	3,286	3,349	3,409	3,486	3,553	3,559	3,502	3,490	3,465	3,372	3,201	2,881	2,571
10/01/04	2,340	2,253	2,218	2,193	2,217	2,365	2,685	2,879	2,970	3,029	3,100	3,201	3,233	3,314	3,378	3,399	3,420	3,360	3,279	3,242	3,152	3,005	2,750	2,518
10/02/04	2,229	2,153	2,083	2,068	2,063	2,161	2,283	2,434	2,596	2,705	2,773	2,784	2,822	2,816	2,843	2,889	2,911	2,920	2,957	2,989	2,897	2,765	2,565	2,349
10/03/04	2,228	2,141	2,073	2,057	2,041	2,077	2,145	2,279	2,433	2,567	2,654	2,731	2,799	2,845	2,883	2,956	2,977	3,018	3,049	3,102	3,046	2,864	2,614	2,328
10/04/04	2,295	2,226	2,118	2,112	2,208	2,376	2,680	2,872	3,018	3,121	3,243	3,311	3,432	3,522	3,613	3,688	3,699	3,666	3,574	3,546	3,452	3,281	2,942	2,606
10/05/04	2,464	2,315	2,246	2,232	2,289	2,440	2,693	2,931	3,050	3,152	3,278	3,385	3,468	3,543	3,637	3,722	3,734	3,653	3,608	3,561	3,463	3,283	2,953	2,632
10/06/04	2,510	2,354	2,283	2,266	2,321	2,464	2,709	2,956	3,086	3,198	3,338	3,457	3,546	3,627	3,728	3,818	3,831	3,743	3,686	3,631	3,529	3,347	3,008	2,682
10/07/04	2,678	2,498	2,414	2,394	2,443	2,568	2,789	3,067	3,235	3,374	3,551	3,703	3,814	3,911	4,031	4,135	4,144	4,041	3,958	3,876	3,760	3,569	3,208	2,865
10/08/04	2,638	2,526	2,476	2,428	2,422	2,522	2,820	3,058	3,230	3,363	3,505	3,696	3,773	3,910	4,017	4,061	4,101	4,007	3,835	3,738	3,627	3,445	3,132	2,878
10/09/04	2,592	2,480	2,358	2,316	2,263	2,331	2,408	2,589	2,833	3,054	3,258	3,371	3,527	3,597	3,698	3,797	3,819	3,747	3,659	3,629	3,497	3,320	3,056	2,785
10/10/04	2,587	2,465	2,355	2,314	2,261	2,256	2,290	2,448	2,664	2,900	3,087	3,266	3,423	3,541	3,635	3,761	3,770	3,757	3,677	3,666	3,590	3,360	3,059	2,723
10/11/04	2,609	2,520	2,367	2,343	2,441	2,571	2,853	3,071	3,291	3,452	3,634	3,749	3,926	4,044	4,170	4,270	4,281	4,227	4,063	3,981	3,870	3,687	3,308	2,933
10/12/04	2,863	2,665	2,576	2,554	2,604	2,720	2,926	3,235	3,434	3,609	3,819	4,002	4,131	4,241	4,377	4,503	4,517	4,389	4,282	4,162	4,022	3,814	3,432	3,068
10/13/04	2,673	2,495	2,412	2,389	2,438	2,563	2,785	3,061	3,226	3,370	3,546	3,697	3,806	3,903	4,022	4,129	4,142	4,035	3,951	3,868	3,753	3,561	3,202	2,859
10/14/04	2,584	2,416	2,339	2,321	2,374	2,508	2,742	3,003	3,153	3,275	3,432	3,567	3,667	3,756	3,866	3,962	3,971	3,877	3,808	3,741	3,634	3,447	3,097	2,763
10/15/04	2,463	2,364	2,320	2,285	2,295	2,420	2,727	2,940	3,069	3,164	3,268	3,410	3,465	3,574	3,659	3,693	3,722	3,642	3,515	3,451	3,352	3,188	2,907	2,662
10/16/04	2,269	2,187	2,110	2,091	2,079	2,172	2,285	2,439	2,613	2,738	2,826	2,853	2,908	2,916	2,954	3,010	3,032	3,027	3,044	3,068	2,971	2,832	2,622	2,397
10/17/04	2,213	2,128	2,063	2,048	2,034	2,074	2,144	2,277	2,427	2,554	2,635	2,706	2,767	2,808	2,841	2,911	2,932	2,977	3,016	3,073	3,017	2,838	2,592	2,310
10/18/04	2,213	2,151	2,058	2,058	2,156	2,337	2,651	2,832	2,950	3,029	3,126	3,174	3,272	3,346	3,421	3,484	3,493	3,474	3,416	3,405	3,316	3,153	2,830	2,509
10/19/04	2,337	2,208	2,152	2,146	2,211	2,383	2,662	2,875	2,954	3,020	3,109	3,183	3,241	3,296	3,368	3,434	3,442	3,387	3,382	3,360	3,269	3,102	2,794	2,492
10/20/04	2,374	2,240	2,181	2,172	2,234	2,398	2,668	2,889	2,980	3,056	3,160	3,245	3,310	3,371	3,451	3,522	3,533	3,469	3,450	3,421	3,328	3,157	2,841	2,533
10/21/04	2,294	2,172	2,122	2,121	2,189	2,369	2,658	2,863	2,929	2,972	3,050	3,112	3,160	3,206	3,269	3,324	3,327	3,287	3,301	3,289	3,200	3,040	2,739	2,444
10/22/04	2,255	2,178	2,151	2,135	2,169	2,338	2,671	2,850	2,910	2,941	2,984	3,053	3,065	3,124	3,168	3,179	3,194	3,153	3,113	3,094	3,010	2,879	2,645	2,423
10/23/04	2,107	2,052	2,008	2,009	2,026	2,148	2,300	2,442	2,564	2,618	2,619	2,569	2,546	2,489	2,474	2,485	2,502	2,562	2,676	2,737	2,654	2,552	2,386	2,203
10/24/04	2,070	2,011	1,973	1,978	1,989	2,070	2,179	2,299	2,399	2,453	2,454	2,435	2,420	2,388	2,360	2,380	2,394	2,492	2,639	2,750	2,695	2,556	2,355	2,115
10/25/04	2,078	2,033	1,969	1,981	2,086	2,295	2,633	2,786	2,844	2,866	2,908	2,906	2,950	2,979	3,013	3,045	3,049	3,073	3,096	3,118	3,036	2,895	2,612	2,325
10/26/04	2,131	2,042	2,015	2,028	2,110	2,335	2,670	2,836	2,827	2,811	2,823	2,826	2,828	2,831	2,850	2,874	2,870	2,882	2,983	3,003	2,917	2,780	2,523	2,262
10/27/04	2,120	2,034	2,010	2,023	2,107	2,334	2,672	2,836	2,820	2,798	2,807	2,807	2,804	2,803	2,819	2,839	2,836	2,853	2,960	2,983	2,895	2,762	2,507	2,250
10/28/04	2,137	2,046	2,018	2,032	2,114	2,336	2,670	2,839	2,834	2,813	2,830	2,837	2,840	2,845	2,866	2,888	2,881	2,895	2,993	3,014	2,927	2,792	2,530	2,269
10/29/04	2,035	1,982	1,952	1,963	2,046	2,239	2,581	2,728	2,712	2,696	2,687	2,643	2,628	2,622	2,571	2,549	2,586	2,612	2,730	2,741	2,653	2,571	2,401	2,204
10/30/04	2,267	2,191	2,180	2,193	2,236	2,357	2,542	2,732	2,818	2,825	2,770	2,679	2,607	2,522	2,464	2,432	2,461	2,586	2,789	2,806	2,750	2,661	2,525	2,347
10/31/04	2,075	2,009	1,970	1,974	1,997	2,074	2,184	2,318	2,419	2,472	2,482	2,456	2,424	2,359	2,314	2,286	2,331	2,460	2,608	2,663	2,616	2,513	2,326	2,129

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
11/01/04	2,002	1,974	1,940	1,962	2,068	2,294	2,636	2,753	2,750	2,711	2,694	2,637	2,622	2,598	2,585	2,578	2,577	2,651	2,763	2,809	2,735	2,628	2,402	2,165
11/02/04	2,088	2,015	1,997	2,015	2,098	2,326	2,659	2,805	2,771	2,732	2,722	2,706	2,691	2,678	2,681	2,692	2,684	2,716	2,844	2,873	2,790	2,670	2,441	2,207
11/03/04	2,077	2,007	1,992	2,011	2,095	2,326	2,663	2,806	2,765	2,719	2,706	2,685	2,666	2,648	2,648	2,654	2,646	2,684	2,820	2,852	2,768	2,651	2,425	2,194
11/04/04	2,090	2,015	1,998	2,017	2,100	2,327	2,660	2,807	2,775	2,730	2,723	2,709	2,695	2,682	2,686	2,694	2,683	2,718	2,846	2,877	2,793	2,675	2,443	2,208
11/05/04	2,128	2,073	2,061	2,061	2,111	2,306	2,647	2,794	2,800	2,780	2,776	2,789	2,765	2,782	2,788	2,780	2,785	2,782	2,819	2,830	2,758	2,662	2,474	2,284
11/06/04	2,050	2,011	1,984	1,996	2,024	2,155	2,319	2,449	2,542	2,560	2,522	2,438	2,380	2,292	2,253	2,240	2,253	2,342	2,499	2,573	2,497	2,419	2,283	2,131
11/07/04	2,046	1,999	1,969	1,979	1,997	2,085	2,201	2,311	2,392	2,423	2,400	2,357	2,320	2,268	2,222	2,226	2,236	2,345	2,516	2,636	2,583	2,463	2,287	2,073
11/08/04	2,036	2,001	1,955	1,972	2,074	2,287	2,618	2,748	2,773	2,764	2,774	2,744	2,757	2,759	2,768	2,779	2,781	2,828	2,896	2,931	2,856	2,736	2,489	2,235
11/09/04	2,160	2,071	2,040	2,050	2,125	2,330	2,638	2,802	2,807	2,803	2,825	2,839	2,849	2,860	2,886	2,915	2,913	2,914	2,992	3,007	2,925	2,791	2,540	2,288
11/10/04	2,235	2,131	2,091	2,092	2,161	2,344	2,629	2,811	2,849	2,877	2,931	2,973	3,004	3,035	3,082	3,127	3,131	3,105	3,141	3,140	3,056	2,911	2,640	2,371
11/11/04	2,149	2,061	2,033	2,046	2,122	2,329	2,642	2,804	2,804	2,789	2,809	2,819	2,825	2,832	2,856	2,878	2,873	2,882	2,969	2,987	2,904	2,774	2,525	2,275
11/12/04	2,238	2,167	2,142	2,129	2,163	2,326	2,644	2,811	2,862	2,886	2,923	2,982	2,990	3,042	3,080	3,089	3,102	3,066	3,036	3,022	2,943	2,822	2,604	2,396
11/13/04	2,114	2,061	2,019	2,020	2,035	2,150	2,294	2,428	2,544	2,596	2,599	2,554	2,533	2,480	2,467	2,478	2,495	2,550	2,656	2,713	2,635	2,537	2,380	2,206
11/14/04	1,989	1,918	1,858	1,840	1,849	1,866	1,928	2,030	2,193	2,333	2,387	2,387	2,373	2,299	2,245	2,227	2,263	2,353	2,454	2,508	2,487	2,335	2,152	1,954
11/15/04	2,107	2,061	2,059	2,091	2,178	2,425	2,849	3,005	2,960	2,863	2,828	2,751	2,708	2,692	2,663	2,649	2,661	2,752	2,882	2,912	2,847	2,739	2,509	2,274
11/16/04	2,097	2,022	2,002	2,019	2,101	2,326	2,656	2,804	2,775	2,741	2,735	2,723	2,712	2,703	2,709	2,722	2,715	2,743	2,863	2,891	2,808	2,686	2,454	2,217
11/17/04	2,066	1,999	1,986	2,006	2,092	2,327	2,668	2,808	2,760	2,709	2,690	2,665	2,642	2,620	2,616	2,619	2,610	2,654	2,797	2,832	2,747	2,633	2,411	2,182
11/18/04	2,077	2,005	1,990	2,011	2,096	2,327	2,665	2,809	2,770	2,718	2,705	2,685	2,666	2,649	2,648	2,652	2,640	2,681	2,819	2,852	2,768	2,653	2,425	2,194
11/19/04	2,061	2,017	2,014	2,022	2,084	2,302	2,661	2,795	2,771	2,719	2,688	2,670	2,622	2,615	2,598	2,577	2,577	2,600	2,685	2,713	2,644	2,566	2,398	2,220
11/20/04	2,246	2,192	2,163	2,200	2,250	2,425	2,709	2,885	2,913	2,860	2,785	2,682	2,644	2,572	2,506	2,506	2,540	2,737	2,924	2,889	2,799	2,740	2,589	2,377
11/21/04	2,229	2,204	2,181	2,205	2,246	2,373	2,550	2,716	2,791	2,744	2,656	2,545	2,460	2,402	2,332	2,294	2,343	2,494	2,755	2,761	2,728	2,602	2,427	2,234
11/22/04	2,104	2,050	2,049	2,067	2,171	2,409	2,768	2,929	2,884	2,837	2,784	2,702	2,658	2,643	2,587	2,592	2,592	2,700	2,896	2,902	2,866	2,751	2,519	2,296
11/23/04	2,215	2,172	2,147	2,188	2,261	2,515	2,891	3,067	3,018	2,914	2,836	2,777	2,716	2,685	2,667	2,632	2,650	2,744	2,910	2,945	2,891	2,771	2,570	2,339
11/24/04	2,216	2,173	2,149	2,188	2,262	2,515	2,890	3,067	3,017	2,912	2,836	2,778	2,717	2,685	2,668	2,631	2,651	2,745	2,910	2,945	2,891	2,772	2,570	2,338
11/25/04	2,342	2,293	2,275	2,308	2,351	2,469	2,628	2,817	2,889	2,855	2,785	2,679	2,588	2,485	2,422	2,379	2,435	2,617	2,840	2,890	2,846	2,769	2,590	2,393
11/26/04	2,404	2,360	2,343	2,380	2,425	2,544	2,708	2,910	2,987	2,956	2,874	2,753	2,651	2,539	2,473	2,430	2,494	2,685	2,917	2,964	2,922	2,850	2,672	2,469
11/27/04	2,530	2,461	2,468	2,498	2,562	2,688	2,904	3,137	3,223	3,172	3,047	2,886	2,769	2,651	2,567	2,521	2,552	2,753	3,004	2,962	2,910	2,838	2,720	2,562
11/28/04	2,447	2,405	2,388	2,428	2,478	2,599	2,765	2,973	3,046	3,014	2,932	2,811	2,710	2,596	2,527	2,482	2,549	2,745	2,979	3,024	2,981	2,893	2,703	2,494
11/29/04	2,336	2,284	2,303	2,332	2,468	2,739	3,161	3,383	3,302	3,173	3,046	2,896	2,802	2,761	2,672	2,685	2,698	2,869	3,129	3,117	3,098	2,986	2,753	2,519
11/30/04	2,266	2,232	2,195	2,225	2,314	2,612	2,979	3,152	3,085	2,959	2,869	2,796	2,714	2,687	2,630	2,617	2,631	2,775	2,977	2,984	2,947	2,849	2,641	2,406
12/01/04	2,449	2,415	2,378	2,416	2,519	2,860	3,272	3,474	3,387	3,227	3,111	3,016	2,912	2,875	2,805	2,788	2,807	2,986	3,226	3,230	3,192	3,088	2,856	2,594
12/02/04	2,503	2,471	2,435	2,479	2,586	2,937	3,356	3,566	3,474	3,292	3,161	3,056	2,941	2,900	2,823	2,802	2,819	3,019	3,276	3,277	3,241	3,140	2,906	2,642
12/03/04	2,507	2,470	2,462	2,505	2,651	2,908	3,385	3,625	3,518	3,356	3,222	3,048	2,952	2,893	2,788	2,755	2,795	2,913	3,167	3,168	3,089	3,055	2,900	2,691
12/04/04	2,643	2,568	2,574	2,606	2,675	2,815	3,053	3,307	3,398	3,341	3,206	3,032	2,906	2,779	2,689	2,639	2,672	2,885	3,159	3,121	3,063	2,983	2,853	2,679
12/05/04	2,544	2,496	2,478	2,519	2,571	2,702	2,882	3,104	3,184	3,150	3,063	2,934	2,825	2,704	2,629	2,582	2,652	2,861	3,115	3,166	3,119	3,024	2,819	2,593
12/06/04	2,587	2,527	2,558	2,599	2,758	3,061	3,540	3,790	3,694	3,551	3,406	3,225	3,112	3,057	2,950	2,972	3,005	3,235	3,534	3,489	3,466	3,333	3,066	2,807
12/07/04	2,837	2,796	2,723	2,750	2,837	3,213	3,653	3,845	3,728	3,504	3,329	3,176	3,022	2,980	2,886	2,875	2,931	3,241	3,576	3,561	3,554	3,489	3,255	2,991
12/08/04	2,888	2,849	2,770	2,794	2,881	3,266	3,725	3,908	3,784	3,559	3,397	3,241	3,087	3,051	2,957	2,946	3,006	3,324	3,653	3,633	3,629	3,572	3,329	3,064
12/09/04	2,730	2,680	2,614	2,641	2,727	3,085	3,500	3,698	3,594	3,372	3,202	3,064	2,921	2,876	2,789	2,776	2,823	3,112	3,441	3,437	3,425	3,353	3,125	2,866
12/10/04	2,525	2,489	2,482	2,526	2,673	2,931	3,409	3,654	3,546	3,380	3,241	3,062	2,962	2,901	2,793	2,759	2,802	2,927	3,185	3,182	3,103	3,069	2,915	2,706
12/11/04	2,671	2,595	2,602	2,635	2,706	2,846	3,083	3,340	3,435	3,378	3,241	3,063	2,934	2,805	2,712	2,661	2,695	2,917	3,193	3,147	3,090	3,010	2,880	2,706
12/12/04	2,505	2,454	2,436	2,473	2,522	2,651	2,827	3,042	3,120	3,088	3,007	2,885	2,782	2,666	2,594	2,549	2,616	2,817	3,065	3,117	3,068	2,976	2,775	2,554
12/13/04	2,467	2,411	2,435	2,469	2,621	2,922	3,390	3,638	3,547	3,403	3,261	3,093	2,988	2,941	2,841	2,855	2,869	3,059	3,346	3,330	3,309	3,184	2,926	2,668
12/14/04	2,520	2,490	2,453	2,497	2,605	2,959	3,381	3,591	3,495	3,316	3,177	3,067	2,950	2,907	2,828	2,810	2,832	3,032	3,292	3,291	3,256	3,154	2,922	2,657
12/15/04	2,438	2,404	2,366	2,403	2,506	2,844	3,256	3,456	3,371	3,214	3,101	3,008	2,906	2,870	2,801	2,785	2,803	2,979	3,216	3,221	3,183	3,078	2,846	2,585
12/16/04	2,428	2,391	2,353	2,392	2,494	2,830	3,241	3,441	3,360	3,199	3,090	3,000	2,900	2,867	2,799	2,780	2,793	2,969	3,206	3,212	3,174	3,070	2,836	2,576
12/17/04	2,386	2,341	2,329	2,359	2,494	2,742	3,197	3,401	3,312	3,184	3,087	2,949	2,882	2,843	2,756	2,730	2,757	2,830	3,047	3,071	2,993	2,953	2,794	2,584
12/18/04	2,355	2,276	2,263	2,274	2,316	2,440	2,628	2,820	2,913	2,928	2,880	2,792	2,721	2,636	2,578	2,546	2,575	2,703	2,907	2,925	2,866	2,772	2,628	2,443
12/19/04	2,294	2,233	2,207	2,226	2,261	2,371	2,515	2,684	2,761	2,764	2,733	2,670	2,610	2,531	2,478	2,443	2,496	2,659	2,853	2,909	2,854	2,767	2,574	2,368
12/20/04	2,217	2,158	2,158	2,180	2,298	2,566	2,968	3,149	3,093	3,034	2,969	2,875	2,823	2,806	2,743	2,747	2,747	2,869	3,091	3,099	3,061	2,936	2,678	2,430
12/21/04	2,325	2,278	2,250	2,295	2,376	2,655	3,070	3,264	3,210	3,096	3,009	2,944	2,877	2,843	2,823	2,784	2,805	2,908	3,091	3,129	3,070	2,938	2,716	2,461
12/22/04	2,176	2,098	2,081	2,101	2,194	2,447	2,817	2,976	2,932	2,883	2,871	2,849	2,829	2,811	2,812	2,820	2,811	2,852	2,998	3,033	2,941	2,811	2,561	2,305
12/23/04	2,168	2,090	2,074	2,098	2,193	2,449	2,823	2,980	2,934	2,874	2,858	2,833	2,811	2,790	2,787	2,790	2,777	2,824	2,980	3,018	2,925	2,799	2,550	2,296
12/24/04	2,270	2,249	2,281	2,293	2,404	2,624	2,942	3,103	3,170	3,053	2,962	2,869	2,758	2,707	2,650	2,623	2,668	2,807	3,066	3,033	2,926	2,880	2,646	2,404
12/25/04	2,359	2,300	2,268	2,308	2,364	2,556	2,870	3,063	3,094	3,036	2,953	2,839	2,798	2,718	2,645	2,645	2,683	2,900	3,106	3,068	2,969	2,903	2,737	2,503
12/26/04	2,266	2,203	2,174	2,190	2,223	2,327	2,465	2,628	2,709	2,721	2,699	2,645	2,591	2,517	2,466	2,432	2,484	2,640	2,825	2,882	2,827	2,738	2,544	2,340
12/27/04	2,206	2,156	2,153	2,188	2,285	2,557	3,023	3,196	3,146	3,039	3,000	2,916	2,868	2,850	2,819	2,803	2,817	2,917	3,060	3,093	3,022	2,902	2,649	2,390
12/28/04	2,332	2,292	2,249	2,278	2,371	2,687	3,081	3,265	3,200	3,079	2,996	2,926	2,845	2,821	2,764	2,751	2,764	2,908	3,117	3,128	3,085	2,976	2,746	2,490
12/29/04	2,362	2,323	2,283	2,313	2,409	2,731	3,131	3,320	3,248	3,116	3,026	2,950	2,863	2,836	2,775	2,761	2,776	2,929	3,145	3,154	3,113	3,005	2,774	2,517
12/30/04	2,385	2,346	2,306	2,341	2,439	2,767	3,171	3,365	3,291	3,145	3,048	2,967	2,876	2,847	2,784	2,766	2,778	2,941	3,166	3,175	3,135	3,029	2,796	2,538
12/31/04	2,381	2,325	2,303	2,332	2,372	2,493	2,655	2,848	2,926	2,906	2,844	2,747	2,661	2,563	2,503	2,463	2,523	2,706	2,929	2,985	2,933	2,863	2,677	2,468

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
01/01/05	2,586	2,508	2,508	2,533	2,593	2,736	2,966	3,204	3,290	3,251	3,141	2,995	2,886	2,773	2,694	2,651	2,683	2,857	3,115	3,112	3,053	2,966	2,827	2,642
01/02/05	2,507	2,452	2,432	2,465	2,512	2,641	2,814	3,022	3,099	3,072	3,001	2,891	2,797	2,689	2,621	2,577	2,642	2,837	3,079	3,135	3,081	2,991	2,787	2,566
01/03/05	2,465	2,410	2,428	2,460	2,610	2,919	3,391	3,632	3,541	3,406	3,274	3,118	3,022	2,982	2,889	2,898	2,906	3,082	3,364	3,361	3,337	3,210	2,943	2,676
01/04/05	2,555	2,522	2,484	2,527	2,635	2,996	3,427	3,640	3,545	3,369	3,236	3,129	3,015	2,974	2,896	2,879	2,899	3,096	3,355	3,356	3,319	3,211	2,973	2,701
01/05/05	2,701	2,676	2,642	2,694	2,809	3,192	3,636	3,865	3,753	3,540	3,373	3,239	3,096	3,041	2,949	2,927	2,956	3,197	3,491	3,483	3,450	3,350	3,107	2,830
01/06/05	2,629	2,599	2,563	2,613	2,726	3,097	3,536	3,758	3,657	3,454	3,304	3,184	3,055	3,007	2,922	2,899	2,920	3,142	3,422	3,420	3,385	3,283	3,040	2,766
01/07/05	2,672	2,639	2,632	2,684	2,841	3,109	3,608	3,877	3,762	3,574	3,412	3,211	3,091	3,019	2,897	2,859	2,913	3,070	3,351	3,335	3,251	3,220	3,062	2,844
01/08/05	2,885	2,799	2,807	2,840	2,910	3,045	3,245	3,492	3,618	3,617	3,530	3,379	3,259	3,125	3,033	2,981	3,022	3,283	3,529	3,481	3,429	3,341	3,185	2,987
01/09/05	2,721	2,679	2,660	2,714	2,775	2,922	3,119	3,364	3,444	3,404	3,312	3,176	3,064	2,936	2,862	2,806	2,889	3,129	3,395	3,441	3,388	3,289	3,061	2,812
01/10/05	2,741	2,695	2,738	2,810	2,990	3,326	3,843	4,072	3,945	3,827	3,710	3,543	3,447	3,393	3,289	3,309	3,353	3,622	3,904	3,832	3,792	3,636	3,317	3,035
01/11/05	2,681	2,654	2,619	2,670	2,786	3,166	3,609	3,836	3,727	3,519	3,354	3,222	3,084	3,032	2,941	2,920	2,947	3,181	3,473	3,465	3,432	3,330	3,089	2,812
01/12/05	2,670	2,643	2,609	2,659	2,773	3,151	3,593	3,819	3,710	3,504	3,344	3,215	3,078	3,026	2,937	2,915	2,943	3,174	3,462	3,455	3,421	3,320	3,078	2,802
01/13/05	2,572	2,539	2,502	2,548	2,658	3,020	3,453	3,670	3,575	3,387	3,251	3,143	3,025	2,982	2,903	2,881	2,899	3,105	3,370	3,371	3,335	3,230	2,988	2,716
01/14/05	2,543	2,503	2,494	2,534	2,682	2,945	3,433	3,671	3,565	3,406	3,277	3,107	3,016	2,961	2,857	2,825	2,862	2,971	3,224	3,232	3,151	3,114	2,953	2,738
01/15/05	2,511	2,432	2,426	2,445	2,498	2,636	2,851	3,072	3,158	3,141	3,057	2,935	2,843	2,741	2,671	2,633	2,664	2,815	3,053	3,066	3,007	2,915	2,772	2,583
01/16/05	2,507	2,452	2,432	2,465	2,512	2,641	2,814	3,022	3,099	3,072	3,001	2,891	2,797	2,689	2,621	2,577	2,642	2,837	3,079	3,135	3,081	2,991	2,787	2,566
01/17/05	2,469	2,412	2,392	2,425	2,470	2,600	2,771	2,970	3,045	3,021	2,956	2,833	2,741	2,644	2,579	2,537	2,600	2,792	3,025	3,083	3,030	2,943	2,743	2,529
01/18/05	2,447	2,409	2,367	2,401	2,502	2,840	3,257	3,455	3,378	3,235	3,133	3,049	2,956	2,926	2,861	2,846	2,862	3,025	3,255	3,263	3,222	3,110	2,873	2,606
01/19/05	2,408	2,367	2,325	2,355	2,452	2,780	3,188	3,380	3,310	3,180	3,093	3,019	2,933	2,907	2,846	2,832	2,847	2,999	3,217	3,228	3,184	3,072	2,834	2,569
01/20/05	2,462	2,423	2,382	2,419	2,522	2,863	3,282	3,483	3,405	3,250	3,146	3,061	2,965	2,933	2,867	2,848	2,861	3,032	3,268	3,277	3,235	3,127	2,886	2,619
01/21/05	2,347	2,294	2,276	2,296	2,420	2,662	3,099	3,280	3,212	3,119	3,055	2,950	2,907	2,883	2,809	2,788	2,810	2,855	3,039	3,074	2,992	2,939	2,770	2,552
01/22/05	2,418	2,336	2,322	2,334	2,377	2,505	2,698	2,895	2,992	3,009	2,959	2,869	2,797	2,709	2,649	2,616	2,647	2,778	2,988	3,006	2,945	2,848	2,700	2,509
01/23/05	2,378	2,315	2,290	2,312	2,349	2,466	2,619	2,798	2,876	2,872	2,835	2,763	2,696	2,612	2,556	2,518	2,575	2,746	2,953	3,011	2,954	2,865	2,665	2,453
01/24/05	2,279	2,219	2,218	2,241	2,363	2,640	3,056	3,244	3,185	3,123	3,056	2,958	2,904	2,886	2,821	2,825	2,825	2,952	3,181	3,189	3,151	3,021	2,755	2,499
01/25/05	2,389	2,340	2,312	2,358	2,442	2,730	3,157	3,358	3,302	3,184	3,095	3,028	2,959	2,924	2,903	2,863	2,884	2,991	3,179	3,219	3,158	3,021	2,793	2,530
01/26/05	2,229	2,150	2,134	2,155	2,252	2,515	2,899	3,061	3,013	2,960	2,943	2,919	2,896	2,875	2,874	2,881	2,871	2,916	3,071	3,109	3,013	2,880	2,625	2,362
01/27/05	2,245	2,160	2,141	2,163	2,258	2,516	2,895	3,062	3,025	2,973	2,965	2,948	2,931	2,917	2,920	2,928	2,916	2,957	3,103	3,139	3,044	2,909	2,646	2,380
01/28/05	2,540	2,495	2,479	2,527	2,619	2,901	3,336	3,504	3,441	3,242	3,104	2,987	2,876	2,810	2,757	2,751	2,757	2,876	3,088	3,092	3,070	3,040	2,902	2,660
01/29/05	2,163	2,127	2,107	2,127	2,168	2,327	2,529	2,674	2,764	2,763	2,694	2,572	2,481	2,357	2,296	2,264	2,277	2,402	2,614	2,708	2,624	2,547	2,407	2,249
01/30/05	2,405	2,377	2,350	2,377	2,424	2,569	2,770	2,959	3,043	2,990	2,890	2,764	2,667	2,601	2,522	2,478	2,534	2,706	3,003	3,009	2,973	2,829	2,630	2,411
01/31/05	2,302	2,244	2,246	2,270	2,397	2,682	3,109	3,304	3,237	3,161	3,084	2,979	2,920	2,900	2,831	2,835	2,834	2,968	3,204	3,215	3,179	3,051	2,782	2,524
02/01/05	2,441	2,398	2,353	2,380	2,473	2,787	3,184	3,367	3,307	3,194	3,117	3,051	2,974	2,953	2,897	2,884	2,898	3,036	3,243	3,256	3,210	3,097	2,864	2,604
02/02/05	2,485	2,445	2,404	2,434	2,531	2,856	3,261	3,452	3,381	3,251	3,163	3,088	3,002	2,975	2,915	2,901	2,916	3,068	3,285	3,296	3,252	3,142	2,907	2,645
02/03/05	2,509	2,468	2,427	2,462	2,561	2,892	3,303	3,498	3,425	3,280	3,185	3,106	3,016	2,987	2,924	2,906	2,918	3,080	3,307	3,317	3,275	3,167	2,929	2,666
02/04/05	2,575	2,532	2,522	2,558	2,702	2,959	3,435	3,659	3,559	3,412	3,297	3,139	3,059	3,010	2,913	2,884	2,916	3,009	3,248	3,263	3,184	3,145	2,986	2,772
02/05/05	2,643	2,566	2,564	2,589	2,647	2,788	3,013	3,246	3,330	3,295	3,190	3,049	2,945	2,835	2,758	2,716	2,748	2,915	3,168	3,168	3,110	3,023	2,885	2,701
02/06/05	2,644	2,592	2,573	2,612	2,662	2,794	2,973	3,192	3,271	3,239	3,156	3,032	2,927	2,809	2,735	2,689	2,757	2,963	3,216	3,269	3,219	3,125	2,920	2,694
02/07/05	2,627	2,569	2,595	2,630	2,787	3,095	3,574	3,830	3,737	3,588	3,440	3,264	3,153	3,104	3,000	3,015	3,032	3,232	3,528	3,508	3,487	3,358	3,095	2,831
02/08/05	2,815	2,781	2,733	2,776	2,881	3,256	3,689	3,907	3,797	3,581	3,407	3,269	3,125	3,073	2,981	2,965	3,002	3,262	3,574	3,566	3,542	3,451	3,216	2,945
02/09/05	2,650	2,619	2,584	2,627	2,736	3,095	3,523	3,737	3,640	3,458	3,322	3,212	3,093	3,050	2,971	2,952	2,975	3,177	3,439	3,438	3,402	3,298	3,060	2,791
02/10/05	2,664	2,633	2,597	2,644	2,754	3,115	3,546	3,762	3,666	3,474	3,334	3,222	3,101	3,057	2,976	2,954	2,973	3,183	3,451	3,451	3,416	3,313	3,074	2,804
02/11/05	2,534	2,488	2,477	2,509	2,647	2,901	3,368	3,580	3,487	3,352	3,250	3,105	3,035	2,994	2,903	2,876	2,904	2,982	3,207	3,230	3,151	3,110	2,949	2,735
02/12/05	2,614	2,537	2,533	2,555	2,611	2,750	2,969	3,195	3,280	3,253	3,158	3,026	2,928	2,822	2,749	2,709	2,740	2,899	3,144	3,150	3,092	3,003	2,864	2,678
02/13/05	2,505	2,447	2,424	2,452	2,493	2,614	2,775	2,965	3,040	3,024	2,971	2,883	2,805	2,712	2,651	2,612	2,671	2,851	3,071	3,128	3,072	2,986	2,787	2,574
02/14/05	2,441	2,387	2,395	2,423	2,560	2,856	3,301	3,514	3,432	3,328	3,227	3,101	3,028	3,000	2,922	2,927	2,928	3,078	3,332	3,340	3,311	3,186	2,919	2,658
02/15/05	2,455	2,413	2,369	2,397	2,491	2,809	3,209	3,394	3,331	3,213	3,131	3,063	2,983	2,960	2,903	2,890	2,903	3,046	3,256	3,268	3,224	3,111	2,878	2,617
02/16/05	2,457	2,415	2,373	2,400	2,494	2,812	3,212	3,398	3,333	3,213	3,134	3,066	2,985	2,961	2,904	2,890	2,905	3,048	3,258	3,270	3,225	3,114	2,879	2,619
02/17/05	2,427	2,382	2,337	2,365	2,456	2,765	3,158	3,340	3,285	3,170	3,100	3,040	2,965	2,945	2,892	2,875	2,885	3,023	3,228	3,243	3,196	3,085	2,849	2,590
02/18/05	2,302	2,250	2,244	2,252	2,319	2,559	2,959	3,111	3,091	3,041	3,011	2,998	2,950	2,947	2,933	2,913	2,913	2,934	3,018	3,046	2,967	2,876	2,683	2,480
02/19/05	2,496	2,435	2,402	2,443	2,500	2,696	3,016	3,213	3,245	3,185	3,101	2,985	2,943	2,862	2,787	2,787	2,826	3,048	3,258	3,219	3,117	3,050	2,881	2,642
02/20/05	2,476	2,448	2,423	2,449	2,495	2,638	2,837	3,024	3,108	3,055	2,956	2,831	2,735	2,670	2,592	2,549	2,604	2,774	3,068	3,074	3,038	2,896	2,699	2,482
02/21/05	2,214	2,184	2,149	2,175	2,295	2,551	2,939	3,067	3,058	3,009	2,983	2,915	2,892	2,859	2,840	2,829	2,826	2,915	3,050	3,105	3,022	2,904	2,654	2,391
02/22/05	2,461	2,412	2,384	2,430	2,513	2,798	3,221	3,419	3,363	3,247	3,159	3,092	3,024	2,989	2,969	2,929	2,950	3,056	3,242	3,281	3,221	3,086	2,860	2,600
02/23/05	2,323	2,240	2,220	2,239	2,332	2,585	2,957	3,123	3,087	3,045	3,038	3,023	3,008	2,995	3,001	3,013	3,006	3,040	3,178	3,211	3,117	2,982	2,722	2,457
02/24/05	2,332	2,245	2,223	2,243	2,336	2,586	2,956	3,125	3,096	3,052	3,049	3,038	3,027	3,017	3,025	3,037	3,026	3,060	3,195	3,227	3,133	2,998	2,734	2,466
02/25/05	2,358	2,297	2,284	2,284	2,341	2,563	2,947	3,111	3,116	3,091	3,085	3,098	3,068	3,086	3,091	3,081	3,086	3,085	3,129	3,144	3,062	2,956	2,746	2,533
02/26/05	2,244	2,207	2,185	2,204	2,242	2,398	2,594	2,738	2,831	2,833	2,770	2,654	2,569	2,451	2,393	2,365	2,379	2,497	2,701	2,792	2,708	2,630	2,490	2,330
02/27/05	2,234	2,191	2,168	2,187	2,216	2,333	2,482	2,601	2,671	2,677	2,620	2,533	2,459	2,368	2,289	2,271	2,278	2,423	2,663	2,819	2,757	2,640	2,461	2,238
02/28/05	2,339	2,288	2,286	2,321	2,419	2,697	3,173	3,349	3,298	3,189	3,149	3,063	3,015	2,997	2,964	2,949	2,962	3,064	3,211	3,244	3,171	3,049	2,791	2,527

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
03/01/05	2,254	2,210	2,185	2,226	2,300	2,557	2,938	3,116	3,066	2,961	2,882	2,822	2,761	2,730	2,711	2,675	2,694	2,789	2,957	2,993	2,938	2,817	2,613	2,379
03/02/05	2,254	2,211	2,187	2,227	2,301	2,557	2,937	3,116	3,065	2,960	2,882	2,823	2,761	2,729	2,712	2,675	2,695	2,790	2,957	2,993	2,938	2,817	2,613	2,378
03/03/05	2,255	2,210	2,185	2,227	2,302	2,558	2,939	3,119	3,070	2,959	2,882	2,823	2,762	2,730	2,712	2,673	2,689	2,787	2,957	2,993	2,939	2,819	2,613	2,379
03/04/05	2,388	2,348	2,334	2,377	2,458	2,710	3,097	3,247	3,190	3,013	2,890	2,786	2,687	2,628	2,582	2,576	2,582	2,688	2,876	2,880	2,860	2,834	2,710	2,495
03/05/05	2,249	2,174	2,159	2,167	2,202	2,311	2,476	2,644	2,736	2,763	2,731	2,660	2,602	2,529	2,478	2,451	2,477	2,590	2,768	2,781	2,726	2,637	2,504	2,334
03/06/05	2,264	2,210	2,188	2,210	2,245	2,351	2,491	2,656	2,724	2,716	2,676	2,606	2,542	2,463	2,412	2,377	2,428	2,585	2,775	2,827	2,776	2,698	2,520	2,329
03/07/05	2,237	2,187	2,195	2,220	2,343	2,610	3,011	3,203	3,129	3,035	2,944	2,831	2,764	2,739	2,669	2,673	2,674	2,810	3,038	3,046	3,020	2,907	2,667	2,432
03/08/05	2,290	2,255	2,217	2,246	2,335	2,632	3,001	3,174	3,109	2,986	2,901	2,829	2,749	2,724	2,668	2,655	2,669	2,810	3,010	3,018	2,981	2,881	2,670	2,433
03/09/05	2,416	2,403	2,387	2,441	2,555	2,890	3,290	3,497	3,404	3,240	3,117	3,016	2,906	2,862	2,786	2,762	2,773	2,939	3,159	3,153	3,111	3,008	2,787	2,537
03/10/05	2,326	2,291	2,255	2,289	2,381	2,685	3,059	3,240	3,169	3,029	2,934	2,857	2,770	2,741	2,681	2,664	2,676	2,831	3,042	3,050	3,013	2,917	2,703	2,464
03/11/05	2,288	2,245	2,233	2,258	2,380	2,605	3,017	3,198	3,120	3,010	2,928	2,809	2,753	2,721	2,644	2,622	2,645	2,704	2,896	2,921	2,850	2,811	2,664	2,471
03/12/05	2,290	2,217	2,206	2,217	2,257	2,372	2,546	2,725	2,809	2,820	2,772	2,688	2,622	2,542	2,488	2,458	2,485	2,603	2,794	2,810	2,756	2,671	2,539	2,369
03/13/05	2,254	2,199	2,177	2,198	2,232	2,337	2,475	2,637	2,705	2,700	2,663	2,596	2,534	2,457	2,407	2,373	2,424	2,578	2,765	2,817	2,766	2,688	2,510	2,320
03/14/05	2,144	2,098	2,096	2,128	2,216	2,466	2,895	3,053	3,008	2,909	2,874	2,796	2,752	2,736	2,707	2,693	2,705	2,797	2,929	2,959	2,894	2,784	2,551	2,313
03/15/05	2,254	2,210	2,185	2,226	2,300	2,557	2,938	3,116	3,066	2,961	2,882	2,822	2,761	2,730	2,711	2,675	2,694	2,789	2,957	2,993	2,938	2,817	2,613	2,379
03/16/05	2,254	2,211	2,187	2,227	2,301	2,557	2,937	3,116	3,065	2,960	2,882	2,823	2,761	2,729	2,712	2,675	2,695	2,790	2,957	2,993	2,938	2,817	2,613	2,378
03/17/05	2,255	2,210	2,185	2,227	2,302	2,558	2,939	3,119	3,070	2,959	2,882	2,823	2,762	2,730	2,712	2,673	2,689	2,787	2,957	2,993	2,939	2,819	2,613	2,379
03/18/05	2,388	2,348	2,334	2,377	2,458	2,710	3,097	3,247	3,190	3,013	2,890	2,786	2,687	2,628	2,582	2,576	2,582	2,688	2,876	2,880	2,860	2,834	2,710	2,495
03/19/05	2,047	2,016	2,000	2,019	2,056	2,200	2,381	2,510	2,589	2,584	2,519	2,406	2,321	2,208	2,150	2,120	2,131	2,245	2,440	2,524	2,450	2,384	2,261	2,122
03/20/05	2,051	2,011	1,990	2,008	2,033	2,138	2,271	2,379	2,443	2,449	2,399	2,322	2,256	2,176	2,105	2,090	2,097	2,226	2,441	2,580	2,525	2,418	2,257	2,056
03/21/05	2,144	2,098	2,096	2,128	2,216	2,466	2,895	3,053	3,008	2,909	2,874	2,796	2,752	2,736	2,707	2,693	2,705	2,797	2,929	2,959	2,894	2,784	2,551	2,313
03/22/05	2,155	2,074	2,051	2,065	2,146	2,366	2,693	2,848	2,831	2,807	2,811	2,807	2,804	2,801	2,815	2,833	2,828	2,847	2,954	2,977	2,894	2,766	2,525	2,279
03/23/05	2,121	2,048	2,032	2,050	2,135	2,366	2,704	2,851	2,813	2,770	2,761	2,743	2,726	2,711	2,713	2,721	2,714	2,749	2,880	2,912	2,827	2,707	2,476	2,240
03/24/05	2,137	2,059	2,039	2,058	2,141	2,367	2,700	2,852	2,825	2,785	2,783	2,773	2,762	2,753	2,761	2,771	2,761	2,792	2,914	2,943	2,859	2,737	2,499	2,258
03/25/05	2,126	2,077	2,069	2,074	2,132	2,343	2,698	2,839	2,828	2,789	2,769	2,765	2,727	2,730	2,722	2,707	2,709	2,721	2,786	2,807	2,736	2,649	2,471	2,285
03/26/05	2,102	2,058	2,028	2,037	2,062	2,190	2,352	2,484	2,584	2,610	2,582	2,506	2,457	2,376	2,343	2,336	2,350	2,432	2,578	2,649	2,572	2,487	2,345	2,186
03/27/05	2,061	2,019	1,995	2,010	2,032	2,132	2,260	2,368	2,438	2,454	2,413	2,347	2,291	2,220	2,158	2,150	2,158	2,281	2,481	2,614	2,559	2,448	2,280	2,074
03/28/05	2,161	2,112	2,041	2,049	2,146	2,337	2,652	2,809	2,884	2,926	2,985	3,000	3,061	3,106	3,153	3,194	3,200	3,207	3,200	3,211	3,130	2,988	2,703	2,416
03/29/05	2,284	2,176	2,133	2,134	2,202	2,386	2,673	2,860	2,903	2,936	2,992	3,037	3,072	3,106	3,156	3,204	3,208	3,178	3,210	3,206	3,122	2,973	2,697	2,423
03/30/05	2,284	2,177	2,135	2,135	2,203	2,386	2,673	2,859	2,902	2,934	2,992	3,038	3,072	3,106	3,156	3,203	3,208	3,179	3,210	3,207	3,122	2,974	2,697	2,423
03/31/05	2,213	2,118	2,086	2,096	2,171	2,373	2,680	2,851	2,864	2,860	2,891	2,912	2,926	2,941	2,973	3,002	2,998	2,997	3,069	3,082	2,998	2,862	2,602	2,343
04/01/05	2,303	2,239	2,221	2,215	2,259	2,446	2,785	2,945	2,972	2,970	2,985	3,019	3,008	3,042	3,062	3,061	3,070	3,052	3,059	3,060	2,983	2,873	2,666	2,462
04/02/05	2,251	2,195	2,149	2,149	2,162	2,279	2,423	2,562	2,685	2,743	2,751	2,709	2,694	2,643	2,633	2,648	2,665	2,718	2,820	2,877	2,795	2,692	2,528	2,346
04/03/05	2,172	2,123	2,093	2,103	2,121	2,212	2,331	2,444	2,527	2,559	2,535	2,490	2,452	2,398	2,350	2,354	2,365	2,477	2,653	2,777	2,722	2,599	2,418	2,198
04/04/05	2,144	2,111	2,070	2,090	2,197	2,422	2,767	2,894	2,907	2,884	2,881	2,838	2,838	2,828	2,827	2,831	2,831	2,892	2,982	3,024	2,947	2,830	2,586	2,333
04/05/05	2,200	2,128	2,112	2,133	2,220	2,460	2,808	2,954	2,910	2,862	2,844	2,821	2,801	2,782	2,779	2,786	2,776	2,817	2,960	2,993	2,907	2,787	2,557	2,320
04/06/05	2,227	2,149	2,130	2,146	2,230	2,459	2,797	2,950	2,921	2,886	2,884	2,873	2,862	2,852	2,860	2,873	2,867	2,895	3,016	3,044	2,959	2,834	2,594	2,350
04/07/05	2,302	2,260	2,218	2,242	2,324	2,602	2,958	3,122	3,075	2,976	2,916	2,863	2,798	2,781	2,733	2,719	2,727	2,849	3,033	3,048	3,005	2,903	2,687	2,451
04/08/05	2,473	2,436	2,428	2,463	2,596	2,833	3,272	3,484	3,390	3,249	3,136	2,985	2,906	2,857	2,765	2,737	2,769	2,863	3,089	3,098	3,025	2,991	2,846	2,651
04/09/05	2,320	2,243	2,226	2,232	2,266	2,372	2,535	2,701	2,798	2,835	2,810	2,744	2,690	2,619	2,568	2,541	2,568	2,681	2,856	2,865	2,808	2,717	2,581	2,409
04/10/05	2,253	2,191	2,161	2,171	2,198	2,287	2,406	2,549	2,632	2,659	2,652	2,613	2,571	2,506	2,461	2,431	2,477	2,614	2,774	2,828	2,778	2,689	2,508	2,318
04/11/05	2,130	2,100	2,064	2,086	2,195	2,425	2,776	2,897	2,898	2,862	2,848	2,794	2,782	2,760	2,750	2,746	2,744	2,817	2,926	2,972	2,896	2,784	2,549	2,303
04/12/05	2,266	2,179	2,152	2,164	2,244	2,461	2,785	2,948	2,941	2,927	2,941	2,946	2,949	2,953	2,973	2,997	2,994	3,004	3,099	3,118	3,034	2,900	2,649	2,395
04/13/05	2,346	2,302	2,278	2,318	2,394	2,653	3,039	3,221	3,169	3,062	2,984	2,924	2,861	2,828	2,811	2,773	2,793	2,890	3,059	3,096	3,040	2,917	2,710	2,472
04/14/05	2,254	2,169	2,144	2,160	2,241	2,461	2,790	2,951	2,939	2,912	2,922	2,923	2,922	2,922	2,938	2,956	2,948	2,967	3,072	3,095	3,011	2,881	2,632	2,381
04/15/05	2,482	2,441	2,427	2,470	2,553	2,808	3,202	3,354	3,296	3,116	2,992	2,886	2,786	2,726	2,678	2,673	2,678	2,786	2,978	2,981	2,961	2,934	2,809	2,590
04/16/05	2,206	2,159	2,124	2,131	2,153	2,280	2,439	2,574	2,681	2,716	2,697	2,629	2,588	2,515	2,487	2,486	2,501	2,576	2,713	2,780	2,701	2,611	2,461	2,294
04/17/05	2,183	2,131	2,098	2,106	2,122	2,208	2,323	2,437	2,525	2,564	2,550	2,515	2,485	2,440	2,400	2,409	2,421	2,527	2,691	2,808	2,754	2,627	2,441	2,216
04/18/05	2,188	2,147	2,091	2,106	2,209	2,420	2,753	2,895	2,938	2,946	2,973	2,959	2,988	3,005	3,028	3,050	3,054	3,088	3,131	3,159	3,080	2,949	2,684	2,413
04/19/05	2,322	2,223	2,187	2,193	2,267	2,468	2,775	2,951	2,972	2,983	3,019	3,046	3,066	3,087	3,123	3,160	3,161	3,150	3,210	3,218	3,134	2,991	2,724	2,457
04/20/05	2,310	2,215	2,182	2,188	2,263	2,466	2,776	2,950	2,964	2,969	3,003	3,026	3,043	3,059	3,093	3,127	3,128	3,121	3,187	3,198	3,113	2,972	2,708	2,444
04/21/05	2,307	2,210	2,177	2,187	2,263	2,467	2,778	2,952	2,967	2,964	2,997	3,019	3,035	3,051	3,083	3,113	3,110	3,108	3,179	3,191	3,107	2,968	2,703	2,440
04/22/05	2,335	2,267	2,245	2,235	2,275	2,452	2,785	2,950	2,990	3,001	3,027	3,075	3,074	3,117	3,147	3,150	3,162	3,134	3,122	3,115	3,036	2,919	2,704	2,495
04/23/05	2,261	2,203	2,155	2,153	2,165	2,279	2,421	2,560	2,686	2,749	2,764	2,727	2,716	2,671	2,664	2,682	2,700	2,748	2,844	2,898	2,815	2,710	2,542	2,358
04/24/05	2,282	2,209	2,156	2,149	2,145	2,198	2,279	2,403	2,531	2,628	2,678	2,714	2,746	2,760	2,772	2,822	2,840	2,903	2,979	3,054	3,001	2,841	2,618	2,359
04/25/05	2,339	2,279	2,189	2,189	2,285	2,461	2,767	2,942	3,056	3,132	3,226	3,271	3,366	3,437	3,509	3,569	3,578	3,561	3,505	3,496	3,409	3,251	2,938	2,626
04/26/05	2,470	2,344	2,288	2,282	2,344	2,511	2,779	2,988	3,068	3,134	3,223	3,297	3,355	3,410	3,481	3,547	3,555	3,500	3,492	3,469	3,380	3,217	2,916	2,622
04/27/05	2,481	2,353	2,298	2,290	2,351	2,515	2,780	2,992	3,074	3,143	3,237	3,316	3,375	3,431	3,505	3,571	3,580	3,523	3,511	3,486	3,396	3,233	2,929	2,633
04/28/05	2,700	2,521	2,431	2,399	2,435	2,549	2,760	3,002	3,137	3,244	3,386	3,505	3,590	3,664	3,758	3,839	3,833	3,770	3,731	3,694	3,618	3,467	3,155	2,859
04/29/05	2,792	2,666	2,601	2,536	2,511	2,586	2,859	3,083	3,245	3,369	3,501	3,686	3,751	3,875	3,968	3,999	4,026	3,965	3,819	3,748	3,667	3,518	3,238	3,021
04/30/05	2,468	2,379	2,292	2,267	2,245	2,326	2,424	2,580	2,767	2,915	3,032	3,084	3,165	3,193	3,248	3,316	3,339	3,313	3,297	3,307	3,206	3,058	2,839	2,607

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
05/01/05	2,557	2,449	2,362	2,335	2,306	2,329	2,389	2,543	2,734	2,915	3,046	3,169	3,276	3,354	3,420	3,521	3,543	3,567	3,558	3,593	3,527	3,310	3,016	2,685
05/02/05	2,668	2,582	2,443	2,428	2,533	2,700	3,023	3,247	3,443	3,586	3,749	3,849	4,011	4,126	4,245	4,342	4,354	4,304	4,165	4,109	3,999	3,803	3,410	3,021
05/03/05	2,646	2,494	2,426	2,416	2,482	2,660	2,953	3,200	3,308	3,398	3,516	3,615	3,691	3,763	3,853	3,936	3,947	3,873	3,845	3,809	3,706	3,515	3,165	2,823
05/04/05	2,701	2,541	2,469	2,454	2,518	2,686	2,967	3,225	3,348	3,453	3,589	3,703	3,788	3,868	3,968	4,057	4,071	3,986	3,941	3,895	3,788	3,593	3,232	2,883
05/05/05	2,588	2,445	2,384	2,379	2,449	2,637	2,942	3,179	3,269	3,334	3,436	3,521	3,585	3,646	3,726	3,795	3,800	3,743	3,738	3,715	3,614	3,433	3,091	2,758
05/06/05	2,423	2,348	2,325	2,315	2,363	2,568	2,948	3,131	3,170	3,176	3,199	3,246	3,240	3,283	3,312	3,314	3,325	3,299	3,295	3,292	3,204	3,075	2,836	2,603
05/07/05	2,307	2,251	2,208	2,214	2,236	2,376	2,551	2,705	2,831	2,878	2,864	2,795	2,757	2,681	2,655	2,658	2,676	2,754	2,898	2,971	2,881	2,775	2,601	2,408
05/08/05	2,282	2,220	2,179	2,186	2,200	2,292	2,415	2,546	2,652	2,707	2,702	2,675	2,653	2,612	2,576	2,595	2,610	2,721	2,891	3,016	2,955	2,806	2,588	2,328
05/09/05	2,274	2,228	2,164	2,181	2,297	2,535	2,911	3,072	3,121	3,131	3,162	3,146	3,180	3,200	3,226	3,251	3,255	3,293	3,341	3,373	3,284	3,135	2,835	2,528
05/10/05	2,387	2,283	2,248	2,259	2,347	2,584	2,943	3,133	3,138	3,134	3,160	3,176	3,187	3,200	3,230	3,264	3,262	3,263	3,354	3,370	3,275	3,120	2,829	2,535
05/11/05	2,410	2,302	2,265	2,273	2,358	2,587	2,938	3,134	3,149	3,155	3,193	3,218	3,236	3,254	3,292	3,330	3,331	3,323	3,400	3,412	3,316	3,157	2,859	2,561
05/12/05	2,589	2,446	2,385	2,380	2,450	2,638	2,942	3,180	3,270	3,336	3,438	3,523	3,588	3,649	3,729	3,799	3,804	3,747	3,741	3,717	3,617	3,435	3,093	2,760
05/13/05	2,610	2,512	2,471	2,442	2,465	2,624	2,972	3,189	3,296	3,368	3,453	3,572	3,612	3,707	3,781	3,807	3,832	3,761	3,663	3,617	3,516	3,352	3,066	2,808
05/14/05	2,512	2,422	2,336	2,315	2,301	2,403	2,527	2,696	2,888	3,027	3,125	3,155	3,218	3,228	3,270	3,332	3,356	3,350	3,367	3,392	3,286	3,132	2,901	2,653
05/15/05	2,512	2,410	2,329	2,306	2,282	2,313	2,379	2,530	2,711	2,877	2,992	3,098	3,190	3,256	3,312	3,404	3,426	3,460	3,470	3,515	3,451	3,242	2,956	2,633
05/16/05	2,570	2,492	2,368	2,359	2,465	2,644	2,975	3,190	3,359	3,482	3,623	3,706	3,847	3,951	4,057	4,143	4,155	4,114	4,003	3,965	3,860	3,670	3,291	2,916
05/17/05	2,779	2,607	2,527	2,509	2,569	2,727	2,995	3,267	3,413	3,538	3,691	3,821	3,921	4,011	4,122	4,223	4,236	4,138	4,075	4,014	3,902	3,700	3,329	2,969
05/18/05	2,909	2,719	2,631	2,607	2,663	2,804	3,053	3,349	3,522	3,672	3,857	4,015	4,130	4,233	4,360	4,473	4,488	4,375	4,288	4,204	4,081	3,872	3,483	3,110
05/19/05	2,877	2,690	2,603	2,583	2,640	2,785	3,039	3,330	3,499	3,637	3,815	3,968	4,080	4,181	4,303	4,411	4,421	4,315	4,236	4,159	4,039	3,833	3,445	3,076
05/20/05	2,857	2,737	2,684	2,635	2,633	2,750	3,079	3,333	3,509	3,644	3,789	3,983	4,063	4,205	4,316	4,362	4,402	4,303	4,126	4,030	3,911	3,717	3,382	3,105
05/21/05	2,783	2,665	2,540	2,499	2,449	2,526	2,616	2,809	3,062	3,287	3,487	3,597	3,748	3,817	3,916	4,018	4,044	3,976	3,896	3,874	3,738	3,550	3,270	2,980
05/22/05	2,772	2,644	2,532	2,491	2,440	2,440	2,481	2,650	2,876	3,117	3,305	3,486	3,645	3,764	3,861	3,992	4,006	3,999	3,927	3,926	3,848	3,603	3,280	2,919
05/23/05	2,916	2,817	2,644	2,617	2,725	2,865	3,172	3,414	3,663	3,843	4,048	4,178	4,377	4,508	4,648	4,759	4,771	4,711	4,526	4,431	4,308	4,106	3,687	3,272
05/24/05	3,046	2,838	2,740	2,714	2,766	2,896	3,130	3,447	3,646	3,819	4,028	4,208	4,338	4,450	4,587	4,714	4,726	4,602	4,500	4,394	4,260	4,044	3,642	3,258
05/25/05	3,119	2,902	2,803	2,774	2,825	2,949	3,173	3,503	3,712	3,894	4,117	4,309	4,443	4,558	4,701	4,831	4,844	4,715	4,609	4,492	4,350	4,133	3,724	3,336
05/26/05	3,410	3,147	3,024	2,983	3,022	3,118	3,303	3,669	3,904	4,098	4,351	4,568	4,706	4,813	4,959	5,091	5,091	4,978	4,891	4,759	4,613	4,415	4,011	3,633
05/27/05	3,318	3,171	3,105	3,023	2,975	3,035	3,355	3,653	3,893	4,078	4,277	4,563	4,653	4,830	4,957	5,003	5,058	4,978	4,760	4,619	4,493	4,296	3,927	3,667
05/28/05	3,265	3,130	2,958	2,904	2,807	2,886	2,961	3,187	3,505	3,813	4,118	4,279	4,517	4,604	4,745	4,871	4,887	4,775	4,634	4,569	4,377	4,177	3,855	3,536
05/29/05	3,236	3,085	2,936	2,881	2,795	2,781	2,815	3,011	3,278	3,598	3,852	4,090	4,302	4,449	4,560	4,721	4,704	4,674	4,551	4,519	4,412	4,136	3,782	3,382
05/30/05	3,132	2,995	2,843	2,803	2,723	2,713	2,759	2,936	3,252	3,606	3,850	4,135	4,320	4,412	4,588	4,750	4,807	4,750	4,569	4,529	4,373	4,147	3,815	3,477
05/31/05	3,059	2,849	2,751	2,724	2,776	2,906	3,137	3,457	3,658	3,833	4,044	4,226	4,357	4,470	4,608	4,735	4,748	4,622	4,520	4,412	4,277	4,060	3,657	3,273
06/01/05	3,225	3,007	2,908	2,879	2,927	3,041	3,249	3,579	3,790	3,975	4,201	4,396	4,531	4,643	4,785	4,916	4,926	4,799	4,693	4,569	4,425	4,215	3,816	3,438
06/02/05	3,025	2,830	2,739	2,717	2,768	2,897	3,126	3,425	3,610	3,762	3,955	4,122	4,242	4,347	4,476	4,590	4,599	4,487	4,396	4,303	4,178	3,974	3,590	3,225
06/03/05	2,959	2,840	2,787	2,736	2,728	2,832	3,147	3,400	3,583	3,726	3,878	4,082	4,165	4,311	4,425	4,473	4,515	4,415	4,231	4,127	4,009	3,816	3,483	3,214
06/04/05	2,808	2,696	2,577	2,538	2,492	2,566	2,654	2,838	3,079	3,291	3,480	3,583	3,725	3,788	3,882	3,978	4,003	3,940	3,867	3,848	3,719	3,538	3,271	2,994
06/05/05	2,681	2,569	2,476	2,444	2,407	2,420	2,468	2,622	2,821	3,018	3,168	3,310	3,435	3,528	3,606	3,715	3,734	3,744	3,708	3,726	3,659	3,439	3,144	2,814
06/06/05	2,683	2,603	2,473	2,460	2,561	2,725	3,037	3,251	3,432	3,564	3,715	3,807	3,957	4,065	4,176	4,266	4,278	4,232	4,105	4,057	3,952	3,765	3,391	3,021
06/07/05	2,773	2,614	2,541	2,526	2,586	2,743	3,009	3,263	3,391	3,500	3,636	3,752	3,841	3,922	4,022	4,114	4,126	4,039	3,988	3,938	3,833	3,643	3,292	2,952
06/08/05	2,590	2,462	2,409	2,404	2,475	2,665	2,967	3,185	3,253	3,308	3,392	3,459	3,511	3,560	3,628	3,690	3,698	3,650	3,660	3,645	3,550	3,379	3,061	2,749
06/09/05	2,566	2,440	2,390	2,390	2,463	2,658	2,967	3,180	3,242	3,282	3,357	3,417	3,463	3,508	3,570	3,625	3,627	3,590	3,613	3,604	3,510	3,344	3,030	2,722
06/10/05	2,704	2,604	2,562	2,529	2,546	2,689	3,018	3,234	3,353	3,437	3,532	3,662	3,711	3,813	3,893	3,923	3,950	3,874	3,761	3,706	3,606	3,440	3,155	2,902
06/11/05	2,693	2,590	2,487	2,455	2,423	2,506	2,605	2,779	2,996	3,175	3,325	3,399	3,507	3,551	3,623	3,706	3,731	3,690	3,651	3,650	3,535	3,366	3,117	2,856
06/12/05	2,682	2,570	2,476	2,444	2,408	2,420	2,469	2,622	2,821	3,019	3,169	3,311	3,436	3,529	3,607	3,716	3,736	3,745	3,709	3,727	3,660	3,440	3,145	2,814
06/13/05	2,846	2,756	2,603	2,582	2,684	2,828	3,130	3,356	3,575	3,735	3,916	4,031	4,209	4,330	4,457	4,560	4,571	4,516	4,354	4,278	4,165	3,972	3,578	3,189
06/14/05	2,993	2,803	2,714	2,691	2,743	2,875	3,108	3,401	3,578	3,732	3,917	4,077	4,195	4,298	4,424	4,538	4,551	4,438	4,348	4,259	4,137	3,933	3,554	3,191
06/15/05	3,052	2,855	2,764	2,738	2,788	2,915	3,140	3,443	3,629	3,792	3,991	4,161	4,283	4,389	4,520	4,639	4,652	4,535	4,438	4,340	4,212	4,006	3,621	3,254
06/16/05	3,225	3,006	2,906	2,880	2,928	3,042	3,251	3,582	3,796	3,974	4,201	4,396	4,531	4,644	4,786	4,914	4,920	4,796	4,693	4,570	4,426	4,217	3,817	3,439
06/17/05	3,150	3,023	2,968	2,907	2,885	2,969	3,283	3,560	3,777	3,947	4,128	4,376	4,471	4,637	4,763	4,817	4,870	4,767	4,554	4,421	4,289	4,085	3,726	3,454
06/18/05	3,100	2,974	2,824	2,775	2,699	2,769	2,843	3,050	3,336	3,608	3,870	4,014	4,216	4,301	4,426	4,542	4,562	4,466	4,345	4,292	4,128	3,935	3,637	3,338
06/19/05	3,091	2,952	2,820	2,770	2,699	2,686	2,719	2,898	3,144	3,428	3,655	3,869	4,060	4,197	4,303	4,450	4,446	4,422	4,314	4,288	4,195	3,938	3,607	3,235
06/20/05	3,533	3,429	3,188	3,145	3,272	3,368	3,645	3,896	4,219	4,433	4,694	4,846	5,093	5,213	5,366	5,483	5,483	5,446	5,210	5,064	4,926	4,749	4,314	3,878
06/21/05	3,385	3,150	3,043	3,014	3,061	3,168	3,362	3,716	3,946	4,147	4,393	4,606	4,748	4,862	5,011	5,151	5,156	5,023	4,915	4,771	4,613	4,399	3,993	3,609
06/22/05	3,402	3,165	3,059	3,029	3,076	3,181	3,373	3,729	3,960	4,162	4,412	4,627	4,770	4,883	5,033	5,172	5,178	5,045	4,936	4,791	4,630	4,417	4,010	3,625
06/23/05	3,456	3,212	3,104	3,076	3,123	3,226	3,414	3,779	4,018	4,218	4,474	4,695	4,840	4,954	5,105	5,244	5,244	5,113	5,007	4,856	4,692	4,480	4,069	3,682
06/24/05	3,692	3,558	3,516	3,436	3,376	3,416	3,744	4,068	4,333	4,535	4,761	5,098	5,185	5,381	5,519	5,566	5,649	5,557	5,298	5,116	4,963	4,743	4,344	4,082
06/25/05	3,428	3,298	3,121	3,069	2,962	3,044	3,116	3,340	3,657	3,968	4,280	4,437	4,683	4,762	4,902	5,028	5,039	4,923	4,781	4,714	4,516	4,327	4,010	3,700
06/26/05	3,916	3,769	3,586	3,544	3,414	3,410	3,437	3,666	3,955	4,334	4,621	4,895	5,142	5,292	5,394	5,598	5,525	5,494	5,335	5,336	5,222	4,918	4,542	4,081
06/27/05	3,767	3,662	3,379	3,327	3,465	3,545	3,809	4,055	4,400	4,616	4,894	5,044	5,307	5,414	5,565	5,678	5,678	5,664	5,416	5,280	5,156	5,006	4,576	4,142
06/28/05	3,628	3,367	3,254	3,224	3,272	3,369	3,541	3,931	4,183	4,402	4,674	4,910	5,059	5,169	5,326	5,475	5,473	5,332	5,227	5,058	4,880	4,665	4,252	3,862
06/29/05	3,610	3,351	3,240	3,209	3,257	3,353	3,526	3,914	4,163	4,380	4,653	4,888	5,036	5,146	5,302	5,450	5,449	5,310	5,203	5,036	4,859	4,646	4,232	3,842
06/30/05	3,425	3,184	3,077	3,049	3,097	3,201	3,392	3,753	3,989	4,186	4,438	4,657	4,801	4,914	5,065	5,203	5,203	5,073	4,967	4,820	4,658	4,446	4,036	3,650

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
07/01/05	3,468	3,347	3,299	3,235	3,199	3,258	3,551	3,827	4,051	4,226	4,415	4,684	4,772	4,939	5,062	5,111	5,171	5,082	4,866	4,718	4,585	4,391	4,041	3,794
07/02/05	3,428	3,309	3,153	3,105	3,014	3,086	3,151	3,354	3,639	3,917	4,194	4,337	4,554	4,629	4,755	4,868	4,881	4,779	4,651	4,592	4,417	4,241	3,955	3,673
07/03/05	3,481	3,345	3,204	3,156	3,071	3,059	3,090	3,271	3,514	3,812	4,046	4,265	4,461	4,591	4,687	4,835	4,808	4,781	4,667	4,639	4,538	4,288	3,971	3,607
07/04/05	3,798	3,700	3,538	3,520	3,412	3,397	3,452	3,613	3,915	4,261	4,502	4,853	5,063	5,127	5,305	5,461	5,453	5,349	5,136	5,061	4,846	4,659	4,433	4,176
07/05/05	3,986	3,716	3,605	3,578	3,625	3,698	3,825	4,228	4,484	4,703	4,979	5,221	5,360	5,450	5,603	5,750	5,738	5,594	5,497	5,323	5,142	4,948	4,564	4,205
07/06/05	3,894	3,633	3,526	3,498	3,544	3,621	3,757	4,147	4,394	4,607	4,877	5,112	5,250	5,343	5,493	5,636	5,628	5,490	5,394	5,225	5,047	4,854	4,470	4,111
07/07/05	3,864	3,605	3,497	3,472	3,518	3,597	3,737	4,123	4,370	4,575	4,843	5,076	5,214	5,308	5,458	5,597	5,586	5,453	5,360	5,193	5,017	4,824	4,440	4,081
07/08/05	4,036	3,914	3,888	3,805	3,726	3,734	4,036	4,349	4,602	4,790	5,010	5,357	5,422	5,612	5,746	5,778	5,873	5,784	5,512	5,339	5,199	4,989	4,615	4,385
07/09/05	4,084	3,974	3,763	3,716	3,556	3,667	3,720	3,928	4,246	4,562	4,897	5,035	5,318	5,369	5,496	5,652	5,643	5,481	5,318	5,290	5,072	4,924	4,615	4,315
07/10/05	4,215	4,088	3,904	3,879	3,733	3,726	3,719	3,952	4,240	4,621	4,913	5,215	5,483	5,654	5,776	6,026	5,939	5,895	5,679	5,719	5,644	5,329	4,944	4,444
07/11/05	4,158	4,097	3,781	3,750	3,925	4,003	4,242	4,486	4,852	5,077	5,396	5,555	5,855	5,971	6,139	6,269	6,241	6,209	5,883	5,780	5,664	5,536	5,109	4,671
07/12/05	3,934	3,669	3,559	3,532	3,579	3,655	3,788	4,182	4,434	4,650	4,921	5,159	5,298	5,390	5,541	5,686	5,676	5,535	5,440	5,268	5,089	4,895	4,512	4,153
07/13/05	3,802	3,551	3,446	3,418	3,463	3,544	3,690	4,066	4,305	4,513	4,775	5,003	5,140	5,236	5,384	5,524	5,519	5,385	5,289	5,126	4,953	4,759	4,377	4,018
07/14/05	3,788	3,537	3,431	3,406	3,451	3,533	3,682	4,056	4,297	4,497	4,758	4,985	5,122	5,220	5,367	5,504	5,495	5,366	5,272	5,110	4,939	4,746	4,362	4,004
07/15/05	3,795	3,672	3,636	3,561	3,502	3,534	3,835	4,135	4,381	4,567	4,776	5,092	5,170	5,351	5,479	5,520	5,599	5,515	5,272	5,103	4,962	4,760	4,393	4,154
07/16/05	3,515	3,396	3,233	3,185	3,085	3,162	3,227	3,433	3,725	4,011	4,299	4,443	4,670	4,741	4,870	4,986	4,996	4,888	4,757	4,696	4,513	4,340	4,050	3,766
07/17/05	3,645	3,507	3,357	3,310	3,214	3,205	3,236	3,427	3,677	3,993	4,238	4,465	4,670	4,801	4,893	5,051	5,010	4,983	4,862	4,840	4,733	4,475	4,151	3,771
07/18/05	3,506	3,410	3,201	3,164	3,274	3,367	3,623	3,850	4,136	4,328	4,558	4,695	4,914	5,026	5,164	5,271	5,273	5,235	5,027	4,898	4,773	4,606	4,211	3,817
07/19/05	3,651	3,415	3,312	3,285	3,329	3,418	3,579	3,932	4,160	4,359	4,604	4,818	4,954	5,055	5,198	5,334	5,333	5,205	5,108	4,956	4,795	4,599	4,221	3,864
07/20/05	3,691	3,451	3,348	3,320	3,364	3,451	3,607	3,966	4,197	4,397	4,649	4,867	5,003	5,103	5,247	5,383	5,382	5,253	5,156	5,001	4,836	4,641	4,261	3,904
07/21/05	3,730	3,485	3,381	3,355	3,400	3,485	3,638	4,004	4,240	4,437	4,693	4,915	5,051	5,151	5,296	5,431	5,424	5,297	5,203	5,046	4,878	4,685	4,302	3,944
07/22/05	3,257	3,141	3,090	3,034	3,013	3,088	3,376	3,631	3,832	3,989	4,157	4,387	4,474	4,627	4,743	4,792	4,841	4,748	4,551	4,427	4,305	4,118	3,788	3,538
07/23/05	3,328	3,210	3,061	3,014	2,932	3,000	3,066	3,263	3,540	3,806	4,069	4,209	4,414	4,491	4,613	4,723	4,739	4,643	4,521	4,464	4,300	4,123	3,842	3,562
07/24/05	3,105	2,981	2,867	2,824	2,764	2,755	2,786	2,945	3,163	3,410	3,606	3,793	3,958	4,079	4,175	4,304	4,307	4,288	4,197	4,179	4,099	3,869	3,571	3,237
07/25/05	3,142	3,052	2,889	2,862	2,959	3,075	3,342	3,559	3,792	3,960	4,151	4,272	4,457	4,573	4,701	4,802	4,811	4,760	4,586	4,491	4,379	4,202	3,826	3,454
07/26/05	3,329	3,127	3,035	3,009	3,053	3,157	3,347	3,651	3,847	4,019	4,227	4,407	4,532	4,635	4,766	4,887	4,895	4,778	4,681	4,565	4,432	4,238	3,873	3,526
07/27/05	3,492	3,273	3,176	3,148	3,191	3,287	3,461	3,790	4,003	4,190	4,420	4,620	4,751	4,854	4,992	5,121	5,126	5,003	4,904	4,768	4,620	4,425	4,051	3,698
07/28/05	3,434	3,220	3,124	3,098	3,142	3,240	3,420	3,741	3,951	4,127	4,350	4,544	4,673	4,778	4,914	5,037	5,039	4,921	4,825	4,697	4,554	4,361	3,988	3,636
07/29/05	3,636	3,514	3,472	3,402	3,355	3,400	3,698	3,987	4,224	4,407	4,608	4,902	4,986	5,161	5,286	5,332	5,402	5,317	5,088	4,926	4,788	4,590	4,229	3,986
07/30/05	3,725	3,608	3,428	3,381	3,261	3,349	3,413	3,624	3,928	4,229	4,538	4,681	4,929	4,992	5,121	5,247	5,250	5,128	4,989	4,932	4,732	4,567	4,269	3,980
07/31/05	3,712	3,574	3,420	3,374	3,274	3,266	3,297	3,492	3,745	4,068	4,316	4,548	4,756	4,888	4,979	5,141	5,094	5,067	4,944	4,924	4,817	4,555	4,228	3,841
08/01/05	3,650	3,551	3,318	3,277	3,399	3,490	3,755	3,995	4,307	4,512	4,763	4,909	5,147	5,261	5,407	5,520	5,519	5,484	5,258	5,117	4,985	4,816	4,400	3,982
08/02/05	3,920	3,651	3,538	3,509	3,557	3,640	3,787	4,189	4,446	4,668	4,945	5,188	5,332	5,431	5,587	5,736	5,728	5,585	5,486	5,310	5,126	4,923	4,523	4,148
08/03/05	3,870	3,606	3,495	3,466	3,513	3,598	3,748	4,143	4,395	4,613	4,889	5,128	5,271	5,371	5,526	5,673	5,667	5,527	5,427	5,254	5,073	4,870	4,471	4,096
08/04/05	3,666	3,421	3,315	3,288	3,334	3,428	3,598	3,964	4,201	4,400	4,656	4,878	5,019	5,126	5,275	5,412	5,408	5,279	5,180	5,025	4,858	4,655	4,259	3,886
08/05/05	3,845	3,717	3,679	3,601	3,539	3,572	3,887	4,201	4,457	4,652	4,871	5,201	5,282	5,471	5,605	5,648	5,731	5,643	5,389	5,212	5,065	4,854	4,469	4,220
08/06/05	3,783	3,662	3,472	3,423	3,296	3,389	3,456	3,676	3,995	4,310	4,634	4,783	5,044	5,109	5,244	5,376	5,379	5,251	5,104	5,046	4,835	4,664	4,352	4,050
08/07/05	3,826	3,683	3,518	3,471	3,362	3,355	3,387	3,594	3,862	4,206	4,469	4,716	4,938	5,076	5,171	5,346	5,291	5,263	5,130	5,114	5,001	4,724	4,378	3,964
08/08/05	3,922	3,830	3,557	3,515	3,658	3,740	3,998	4,242	4,585	4,800	5,080	5,232	5,495	5,604	5,757	5,874	5,864	5,840	5,582	5,442	5,310	5,158	4,732	4,300
08/09/05	3,918	3,649	3,536	3,507	3,555	3,638	3,785	4,187	4,443	4,665	4,943	5,185	5,329	5,428	5,584	5,733	5,725	5,582	5,483	5,307	5,124	4,920	4,521	4,146
08/10/05	4,629	4,256	4,098	4,043	4,075	4,069	4,075	4,578	4,892	5,152	5,471	5,759	5,885	5,934	6,112	6,269	6,267	6,069	5,948	5,817	5,672	5,517	5,151	4,824
08/11/05	4,393	4,047	3,899	3,850	3,882	3,906	3,962	4,424	4,708	4,936	5,236	5,500	5,624	5,681	5,840	5,982	5,997	5,845	5,761	5,617	5,460	5,302	4,933	4,600
08/12/05	3,807	3,679	3,639	3,562	3,503	3,540	3,855	4,166	4,420	4,614	4,831	5,157	5,239	5,427	5,560	5,604	5,685	5,597	5,347	5,172	5,025	4,814	4,432	4,181
08/13/05	3,979	3,861	3,655	3,606	3,459	3,564	3,626	3,847	4,174	4,498	4,837	4,984	5,263	5,320	5,455	5,600	5,597	5,450	5,293	5,246	5,025	4,863	4,545	4,237
08/14/05	3,839	3,695	3,530	3,484	3,373	3,366	3,398	3,606	3,874	4,220	4,484	4,732	4,955	5,093	5,188	5,364	5,308	5,280	5,146	5,131	5,018	4,740	4,393	3,978
08/15/05	3,897	3,804	3,535	3,493	3,633	3,716	3,975	4,218	4,558	4,773	5,050	5,201	5,462	5,571	5,723	5,839	5,831	5,806	5,551	5,410	5,278	5,124	4,699	4,269
08/16/05	3,994	3,717	3,602	3,574	3,623	3,702	3,840	4,254	4,517	4,743	5,027	5,276	5,421	5,516	5,675	5,827	5,816	5,669	5,569	5,389	5,202	4,999	4,598	4,223
08/17/05	3,869	3,605	3,494	3,465	3,512	3,597	3,748	4,143	4,394	4,612	4,888	5,127	5,270	5,370	5,525	5,672	5,666	5,526	5,426	5,254	5,072	4,869	4,470	4,095
08/18/05	3,716	3,466	3,359	3,332	3,378	3,470	3,636	4,009	4,251	4,453	4,714	4,941	5,083	5,188	5,338	5,477	5,472	5,341	5,242	5,083	4,913	4,710	4,312	3,938
08/19/05	3,822	3,694	3,656	3,578	3,518	3,553	3,868	4,180	4,435	4,630	4,848	5,175	5,257	5,445	5,578	5,622	5,704	5,616	5,364	5,188	5,041	4,831	4,447	4,197
08/20/05	3,662	3,539	3,359	3,309	3,195	3,281	3,348	3,566	3,879	4,186	4,499	4,650	4,898	4,968	5,104	5,229	5,236	5,117	4,976	4,913	4,712	4,535	4,228	3,928
08/21/05	3,680	3,537	3,380	3,331	3,231	3,221	3,254	3,453	3,714	4,043	4,299	4,536	4,750	4,887	4,983	5,147	5,105	5,077	4,951	4,927	4,816	4,547	4,208	3,813
08/22/05	3,337	3,238	3,046	3,012	3,118	3,227	3,500	3,733	4,004	4,193	4,413	4,549	4,760	4,881	5,021	5,130	5,137	5,088	4,888	4,770	4,645	4,463	4,060	3,659
08/23/05	3,733	3,482	3,374	3,345	3,391	3,483	3,648	4,022	4,264	4,474	4,734	4,961	5,104	5,209	5,359	5,502	5,500	5,365	5,264	5,102	4,931	4,726	4,330	3,956
08/24/05	3,859	3,596	3,486	3,456	3,504	3,589	3,741	4,134	4,385	4,602	4,877	5,115	5,258	5,359	5,513	5,660	5,654	5,515	5,414	5,243	5,062	4,859	4,460	4,085
08/25/05	3,632	3,391	3,286	3,259	3,305	3,400	3,574	3,934	4,169	4,365	4,618	4,837	4,977	5,084	5,232	5,368	5,365	5,238	5,137	4,986	4,822	4,619	4,223	3,851
08/26/05	3,536	3,409	3,360	3,292	3,253	3,311	3,619	3,909	4,147	4,332	4,532	4,817	4,909	5,086	5,214	5,266	5,330	5,238	5,010	4,852	4,712	4,508	4,140	3,882
08/27/05	3,388	3,264	3,106	3,057	2,968	3,041	3,109	3,317	3,609	3,891	4,171	4,318	4,536	4,616	4,745	4,861	4,876	4,774	4,645	4,585	4,409	4,225	3,929	3,636
08/28/05	3,191	3,058	2,934	2,887	2,820	2,809	2,840	3,010	3,244	3,512	3,726	3,929	4,110	4,240	4,341	4,481	4,479	4,456	4,355	4,331	4,244	3,999	3,683	3,328
08/29/05	3,091	3,000	2,839	2,813	2,912	3,040	3,322	3,546	3,777	3,944	4,135	4,256	4,441	4,562	4,691	4,794	4,805	4,751	4,578	4,488	4,374	4,189	3,802	3,419
08/30/05	3,478	3,255	3,153	3,125	3,170	3,273	3,461	3,797	4,015	4,207	4,440	4,642	4,778	4,887	5,029	5,162	5,167	5,040	4,937	4,801	4,651	4,446	4,059	3,691
08/31/05	3,528	3,299	3,198	3,168	3,214	3,313	3,495	3,839	4,062	4,257	4,498	4,706	4,843	4,951	5,096	5,230	5,235	5,107	5,003	4,861	4,706	4,502	4,112	3,743

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
09/01/05	3,056	2,841	2,742	2,716	2,765	2,882	3,095	3,421	3,631	3,806	4,027	4,219	4,352	4,464	4,605	4,731	4,737	4,615	4,512	4,395	4,254	4,045	3,646	3,269
09/02/05	3,137	3,007	2,952	2,886	2,856	2,930	3,248	3,538	3,771	3,953	4,148	4,420	4,518	4,693	4,824	4,879	4,938	4,838	4,612	4,462	4,323	4,114	3,742	3,469
09/03/05	3,223	3,093	2,922	2,869	2,769	2,848	2,920	3,142	3,454	3,759	4,063	4,220	4,458	4,540	4,678	4,802	4,816	4,704	4,564	4,499	4,307	4,115	3,801	3,492
09/04/05	2,971	2,831	2,697	2,648	2,575	2,562	2,595	2,775	3,023	3,310	3,538	3,755	3,947	4,085	4,192	4,340	4,335	4,310	4,201	4,175	4,081	3,822	3,489	3,115
09/05/05	3,188	3,054	2,894	2,857	2,765	2,754	2,796	2,965	3,286	3,651	3,903	4,213	4,409	4,499	4,679	4,845	4,880	4,806	4,612	4,566	4,373	4,150	3,839	3,518
09/06/05	3,731	3,448	3,330	3,302	3,355	3,442	3,595	4,022	4,296	4,532	4,827	5,086	5,239	5,344	5,510	5,669	5,656	5,502	5,394	5,205	5,007	4,791	4,369	3,972
09/07/05	3,384	3,134	3,025	2,994	3,042	3,142	3,325	3,699	3,941	4,153	4,416	4,643	4,790	4,902	5,056	5,201	5,203	5,066	4,958	4,800	4,629	4,415	4,003	3,613
09/08/05	3,507	3,243	3,130	3,102	3,150	3,245	3,418	3,812	4,067	4,280	4,556	4,795	4,944	5,054	5,212	5,358	5,352	5,215	5,111	4,942	4,763	4,550	4,132	3,741
09/09/05	3,530	3,396	3,353	3,274	3,216	3,259	3,587	3,910	4,174	4,377	4,601	4,935	5,024	5,219	5,357	5,406	5,487	5,394	5,137	4,955	4,802	4,583	4,184	3,920
09/10/05	3,616	3,489	3,286	3,234	3,095	3,197	3,265	3,497	3,834	4,167	4,511	4,667	4,946	5,011	5,153	5,295	5,296	5,157	5,001	4,942	4,718	4,541	4,212	3,894
09/11/05	3,327	3,177	3,020	2,968	2,871	2,859	2,893	3,094	3,362	3,695	3,954	4,196	4,414	4,557	4,660	4,825	4,792	4,762	4,635	4,606	4,493	4,217	3,867	3,465
09/12/05	3,381	3,276	3,037	2,995	3,120	3,218	3,496	3,747	4,069	4,283	4,542	4,694	4,941	5,061	5,214	5,332	5,332	5,294	5,060	4,914	4,776	4,597	4,161	3,725
09/13/05	3,317	3,074	2,965	2,936	2,983	3,087	3,277	3,641	3,878	4,085	4,338	4,558	4,704	4,818	4,969	5,112	5,115	4,980	4,872	4,720	4,556	4,341	3,932	3,544
09/14/05	3,379	3,130	3,021	2,990	3,038	3,138	3,321	3,695	3,937	4,148	4,410	4,637	4,784	4,896	5,050	5,195	5,197	5,060	4,952	4,794	4,624	4,410	3,998	3,608
09/15/05	3,421	3,166	3,055	3,026	3,075	3,173	3,354	3,734	3,982	4,190	4,457	4,688	4,836	4,948	5,103	5,247	5,244	5,109	5,004	4,843	4,670	4,457	4,041	3,651
09/16/05	3,433	3,300	3,253	3,177	3,126	3,177	3,503	3,818	4,077	4,277	4,496	4,816	4,909	5,100	5,237	5,288	5,363	5,269	5,020	4,844	4,693	4,476	4,082	3,814
09/17/05	3,182	3,052	2,884	2,832	2,735	2,812	2,884	3,104	3,413	3,714	4,012	4,168	4,401	4,484	4,621	4,744	4,759	4,649	4,512	4,447	4,259	4,067	3,755	3,447
09/18/05	3,152	3,005	2,859	2,807	2,722	2,708	2,741	2,932	3,191	3,503	3,750	3,981	4,188	4,330	4,437	4,593	4,575	4,546	4,426	4,395	4,290	4,022	3,680	3,292
09/19/05	3,300	3,195	2,967	2,926	3,047	3,149	3,429	3,678	3,991	4,201	4,452	4,602	4,842	4,965	5,116	5,233	5,236	5,193	4,966	4,824	4,688	4,505	4,073	3,641
09/20/05	3,321	3,078	2,969	2,939	2,987	3,091	3,280	3,645	3,882	4,090	4,344	4,564	4,710	4,823	4,975	5,118	5,121	4,986	4,878	4,726	4,561	4,346	3,937	3,549
09/21/05	3,006	2,798	2,702	2,674	2,723	2,844	3,061	3,378	3,578	3,753	3,967	4,151	4,280	4,390	4,528	4,653	4,665	4,542	4,439	4,327	4,191	3,982	3,589	3,214
09/22/05	3,125	2,902	2,801	2,774	2,822	2,935	3,141	3,478	3,696	3,879	4,110	4,310	4,448	4,561	4,706	4,835	4,840	4,715	4,611	4,483	4,336	4,126	3,722	3,342
09/23/05	2,834	2,714	2,661	2,609	2,601	2,704	3,020	3,275	3,460	3,604	3,758	3,965	4,049	4,196	4,311	4,359	4,402	4,302	4,116	4,010	3,891	3,696	3,362	3,092
09/24/05	2,621	2,513	2,401	2,364	2,325	2,403	2,495	2,676	2,907	3,105	3,277	3,367	3,494	3,550	3,635	3,726	3,751	3,697	3,638	3,627	3,504	3,328	3,068	2,797
09/25/05	2,990	2,849	2,714	2,664	2,590	2,577	2,609	2,791	3,040	3,330	3,560	3,779	3,972	4,111	4,218	4,367	4,361	4,335	4,225	4,198	4,103	3,843	3,509	3,133
09/26/05	2,809	2,714	2,548	2,523	2,626	2,762	3,059	3,292	3,530	3,703	3,899	4,024	4,215	4,341	4,475	4,583	4,594	4,537	4,359	4,269	4,150	3,956	3,552	3,152
09/27/05	2,691	2,524	2,447	2,429	2,487	2,638	2,896	3,160	3,301	3,423	3,573	3,700	3,797	3,885	3,993	4,091	4,103	4,009	3,946	3,886	3,778	3,582	3,223	2,876
09/28/05	2,969	2,765	2,671	2,644	2,694	2,817	3,038	3,349	3,544	3,714	3,922	4,100	4,227	4,335	4,470	4,593	4,606	4,485	4,384	4,278	4,146	3,937	3,547	3,175
09/29/05	2,678	2,512	2,436	2,421	2,479	2,631	2,892	3,154	3,294	3,406	3,554	3,680	3,774	3,860	3,967	4,059	4,068	3,979	3,922	3,865	3,758	3,566	3,206	2,860
09/30/05	2,519	2,425	2,386	2,358	2,381	2,534	2,871	3,079	3,182	3,250	3,331	3,445	3,483	3,574	3,645	3,670	3,693	3,626	3,532	3,488	3,391	3,233	2,958	2,709
10/01/05	2,323	2,244	2,172	2,157	2,152	2,255	2,381	2,538	2,705	2,818	2,888	2,898	2,937	2,931	2,957	3,005	3,027	3,037	3,077	3,111	3,015	2,878	2,671	2,447
10/02/05	2,285	2,200	2,136	2,124	2,113	2,160	2,237	2,373	2,523	2,645	2,718	2,779	2,833	2,866	2,893	2,959	2,980	3,034	3,088	3,155	3,097	2,917	2,667	2,380
10/03/05	2,349	2,281	2,177	2,174	2,275	2,456	2,777	2,971	3,107	3,203	3,316	3,377	3,491	3,577	3,663	3,735	3,745	3,718	3,640	3,620	3,525	3,351	3,007	2,666
10/04/05	2,543	2,393	2,324	2,311	2,371	2,532	2,799	3,042	3,158	3,257	3,381	3,487	3,568	3,643	3,736	3,821	3,832	3,753	3,713	3,670	3,569	3,385	3,046	2,716
10/05/05	2,570	2,415	2,345	2,330	2,389	2,545	2,807	3,055	3,177	3,282	3,416	3,528	3,613	3,691	3,789	3,876	3,889	3,806	3,758	3,710	3,607	3,422	3,077	2,744
10/06/05	2,618	2,455	2,380	2,365	2,422	2,571	2,826	3,084	3,221	3,331	3,477	3,601	3,694	3,779	3,883	3,974	3,983	3,896	3,839	3,783	3,678	3,489	3,136	2,797
10/07/05	2,772	2,655	2,602	2,552	2,543	2,644	2,953	3,204	3,386	3,528	3,680	3,883	3,966	4,111	4,223	4,271	4,313	4,215	4,032	3,928	3,810	3,619	3,291	3,026
10/08/05	2,624	2,513	2,395	2,355	2,309	2,382	2,467	2,649	2,888	3,099	3,289	3,392	3,534	3,599	3,692	3,788	3,813	3,749	3,674	3,654	3,525	3,347	3,083	2,809
10/09/05	2,679	2,553	2,441	2,399	2,345	2,341	2,377	2,541	2,763	3,004	3,195	3,377	3,538	3,658	3,755	3,884	3,895	3,883	3,803	3,794	3,716	3,479	3,167	2,820
10/10/05	2,720	2,628	2,468	2,444	2,545	2,680	2,973	3,200	3,429	3,595	3,785	3,905	4,089	4,211	4,342	4,446	4,457	4,401	4,231	4,145	4,030	3,840	3,446	3,057
10/11/05	2,886	2,688	2,595	2,570	2,619	2,742	2,961	3,263	3,453	3,618	3,817	3,989	4,113	4,219	4,350	4,470	4,482	4,364	4,267	4,165	4,037	3,832	3,452	3,088
10/12/05	2,985	2,780	2,689	2,666	2,718	2,838	3,051	3,373	3,580	3,761	3,982	4,173	4,307	4,421	4,563	4,693	4,708	4,576	4,463	4,338	4,191	3,975	3,577	3,197
10/13/05	2,787	2,601	2,514	2,493	2,544	2,674	2,905	3,192	3,367	3,510	3,693	3,850	3,964	4,065	4,188	4,297	4,306	4,199	4,114	4,029	3,910	3,711	3,337	2,981
10/14/05	2,685	2,574	2,523	2,478	2,477	2,589	2,901	3,139	3,303	3,428	3,563	3,744	3,818	3,951	4,055	4,098	4,135	4,042	3,877	3,788	3,677	3,494	3,179	2,918
10/15/05	2,444	2,349	2,256	2,229	2,205	2,292	2,397	2,563	2,763	2,922	3,046	3,102	3,189	3,219	3,278	3,351	3,375	3,348	3,331	3,340	3,232	3,075	2,840	2,592
10/16/05	2,323	2,233	2,163	2,146	2,130	2,168	2,238	2,377	2,537	2,675	2,765	2,845	2,915	2,962	3,001	3,077	3,099	3,142	3,175	3,230	3,171	2,983	2,723	2,427
10/17/05	2,340	2,273	2,170	2,168	2,269	2,452	2,774	2,967	3,100	3,193	3,304	3,363	3,474	3,558	3,642	3,713	3,723	3,698	3,623	3,605	3,510	3,337	2,995	2,655
10/18/05	2,445	2,310	2,252	2,245	2,311	2,489	2,776	3,000	3,085	3,155	3,250	3,329	3,391	3,449	3,526	3,596	3,604	3,545	3,537	3,513	3,418	3,244	2,922	2,607
10/19/05	2,438	2,305	2,248	2,241	2,308	2,486	2,774	2,997	3,078	3,145	3,240	3,318	3,378	3,434	3,509	3,577	3,586	3,530	3,523	3,501	3,406	3,233	2,912	2,599
10/20/05	2,477	2,336	2,274	2,267	2,332	2,503	2,783	3,014	3,111	3,184	3,292	3,381	3,449	3,513	3,596	3,667	3,674	3,611	3,594	3,565	3,468	3,292	2,962	2,642
10/21/05	2,401	2,315	2,282	2,260	2,290	2,453	2,792	2,986	3,066	3,115	3,176	3,266	3,291	3,365	3,422	3,440	3,459	3,404	3,339	3,309	3,218	3,073	2,817	2,580
10/22/05	2,245	2,179	2,123	2,118	2,126	2,243	2,388	2,538	2,681	2,760	2,788	2,762	2,763	2,725	2,726	2,753	2,772	2,813	2,900	2,952	2,862	2,743	2,557	2,354
10/23/05	2,169	2,106	2,064	2,068	2,077	2,158	2,268	2,394	2,502	2,564	2,571	2,558	2,548	2,521	2,497	2,522	2,537	2,635	2,779	2,889	2,832	2,685	2,473	2,221
10/24/05	2,172	2,125	2,057	2,070	2,178	2,395	2,744	2,904	2,966	2,992	3,037	3,036	3,084	3,116	3,152	3,186	3,190	3,214	3,235	3,257	3,172	3,025	2,730	2,430
10/25/05	2,271	2,169	2,133	2,141	2,222	2,441	2,774	2,959	2,973	2,977	3,009	3,032	3,048	3,066	3,100	3,136	3,135	3,129	3,204	3,216	3,126	2,975	2,695	2,413
10/26/05	2,224	2,132	2,105	2,118	2,203	2,436	2,783	2,956	2,946	2,928	2,943	2,947	2,949	2,951	2,972	2,996	2,993	3,005	3,109	3,131	3,040	2,899	2,631	2,360
10/27/05	2,213	2,122	2,096	2,113	2,200	2,436	2,788	2,960	2,946	2,916	2,926	2,926	2,924	2,923	2,940	2,958	2,950	2,971	3,085	3,110	3,019	2,882	2,615	2,348
10/28/05	2,215	2,155	2,142	2,142	2,197	2,413	2,788	2,948	2,954	2,931	2,926	2,940	2,912	2,930	2,936	2,926	2,932	2,930	2,971	2,985	2,905	2,800	2,594	2,385
10/29/05	2,213	2,126	2,101	2,098	2,128	2,226	2,383	2,545	2,673	2,744	2,741	2,690	2,646	2,580	2,529	2,503	2,530	2,653	2,820	2,801	2,735	2,632	2,486	2,309
10/30/05	2,341	2,283	2,261	2,286	2,325	2,442	2,597	2,779	2,853	2,840	2,793	2,711	2,637	2,549	2,492	2,453	2,510	2,684	2,895	2,950	2,896	2,811	2,617	2,410
10/31/05	2,151	2,084	2,080	2,095	2,198	2,436	2,802	2,968	2,945	2,923	2,883	2,806	2,766	2,751	2,694	2,702	2,705	2,810	3,012	3,007	2,961	2,830	2,586	2,351

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
11/01/05	2,160	2,090	2,076	2,098	2,187	2,432	2,787	2,932	2,882	2,829	2,807	2,779	2,755	2,733	2,727	2,731	2,720	2,766	2,917	2,953	2,866	2,746	2,517	2,280
11/02/05	2,184	2,109	2,092	2,109	2,196	2,431	2,776	2,927	2,891	2,850	2,842	2,826	2,811	2,797	2,800	2,810	2,803	2,837	2,968	2,999	2,912	2,789	2,551	2,307
11/03/05	2,173	2,099	2,083	2,105	2,193	2,432	2,783	2,932	2,891	2,838	2,824	2,804	2,784	2,767	2,766	2,770	2,758	2,800	2,943	2,978	2,891	2,770	2,535	2,294
11/04/05	2,184	2,134	2,127	2,132	2,191	2,407	2,772	2,916	2,904	2,864	2,843	2,838	2,799	2,802	2,794	2,778	2,780	2,793	2,859	2,882	2,809	2,720	2,537	2,347
11/05/05	2,153	2,110	2,081	2,091	2,118	2,252	2,419	2,554	2,654	2,678	2,644	2,562	2,507	2,421	2,384	2,373	2,388	2,475	2,631	2,705	2,627	2,542	2,399	2,238
11/06/05	2,133	2,085	2,057	2,069	2,089	2,185	2,309	2,422	2,501	2,527	2,497	2,444	2,398	2,338	2,284	2,284	2,294	2,411	2,599	2,728	2,672	2,552	2,373	2,155
11/07/05	2,148	2,108	2,055	2,070	2,175	2,390	2,729	2,870	2,907	2,910	2,932	2,912	2,937	2,949	2,968	2,987	2,989	3,029	3,081	3,112	3,033	2,903	2,639	2,369
11/08/05	2,226	2,141	2,115	2,128	2,210	2,432	2,763	2,925	2,913	2,893	2,902	2,903	2,903	2,904	2,921	2,943	2,938	2,953	3,055	3,077	2,992	2,859	2,609	2,354
11/09/05	2,259	2,167	2,137	2,146	2,224	2,435	2,754	2,925	2,928	2,924	2,950	2,965	2,974	2,985	3,013	3,042	3,041	3,042	3,122	3,137	3,052	2,914	2,653	2,391
11/10/05	2,337	2,228	2,186	2,190	2,261	2,451	2,748	2,937	2,979	3,002	3,058	3,102	3,135	3,167	3,216	3,260	3,260	3,237	3,276	3,276	3,190	3,040	2,757	2,479
11/11/05	2,249	2,189	2,173	2,170	2,218	2,414	2,762	2,918	2,935	2,924	2,929	2,953	2,935	2,961	2,974	2,970	2,977	2,966	2,988	2,995	2,918	2,813	2,611	2,409
11/12/05	2,251	2,188	2,136	2,131	2,139	2,250	2,387	2,529	2,664	2,737	2,763	2,737	2,737	2,701	2,702	2,726	2,745	2,784	2,867	2,916	2,832	2,720	2,545	2,353
11/13/05	2,187	2,126	2,085	2,087	2,095	2,169	2,271	2,390	2,495	2,557	2,568	2,562	2,557	2,535	2,516	2,543	2,558	2,647	2,776	2,878	2,824	2,683	2,480	2,239
11/14/05	2,148	2,080	2,075	2,086	2,177	2,387	2,716	2,869	2,864	2,859	2,831	2,763	2,726	2,712	2,658	2,670	2,675	2,767	2,952	2,939	2,891	2,765	2,542	2,326
11/15/05	2,316	2,272	2,246	2,288	2,364	2,627	3,017	3,200	3,149	3,041	2,960	2,899	2,836	2,804	2,785	2,748	2,768	2,865	3,037	3,073	3,018	2,893	2,684	2,444
11/16/05	2,194	2,116	2,097	2,114	2,199	2,431	2,772	2,926	2,896	2,860	2,856	2,845	2,832	2,822	2,829	2,842	2,835	2,864	2,989	3,018	2,931	2,805	2,564	2,318
11/17/05	2,162	2,090	2,077	2,100	2,190	2,433	2,788	2,934	2,887	2,827	2,808	2,783	2,759	2,737	2,733	2,734	2,720	2,768	2,920	2,957	2,869	2,751	2,519	2,282
11/18/05	2,167	2,120	2,115	2,123	2,184	2,407	2,776	2,917	2,897	2,849	2,821	2,808	2,763	2,760	2,745	2,726	2,727	2,746	2,826	2,852	2,780	2,695	2,518	2,331
11/19/05	2,108	2,076	2,058	2,077	2,114	2,260	2,444	2,576	2,658	2,656	2,593	2,481	2,397	2,284	2,227	2,197	2,209	2,323	2,518	2,604	2,527	2,458	2,331	2,187
11/20/05	2,330	2,305	2,281	2,305	2,348	2,480	2,663	2,836	2,913	2,864	2,773	2,658	2,569	2,509	2,437	2,397	2,448	2,605	2,876	2,882	2,848	2,718	2,536	2,336
11/21/05	2,204	2,157	2,154	2,187	2,278	2,534	2,973	3,135	3,089	2,988	2,951	2,872	2,828	2,811	2,781	2,767	2,779	2,873	3,008	3,039	2,972	2,859	2,621	2,377
11/22/05	2,275	2,234	2,192	2,214	2,297	2,580	2,940	3,105	3,055	2,960	2,896	2,841	2,775	2,757	2,708	2,697	2,709	2,830	3,015	3,028	2,985	2,879	2,665	2,426
11/23/05	2,317	2,272	2,248	2,289	2,365	2,627	3,016	3,200	3,148	3,040	2,961	2,900	2,837	2,804	2,786	2,748	2,768	2,866	3,037	3,074	3,017	2,893	2,684	2,444
11/24/05	2,264	2,243	2,273	2,285	2,391	2,601	2,902	3,053	3,113	2,995	2,913	2,829	2,726	2,677	2,622	2,593	2,632	2,767	3,013	2,982	2,881	2,828	2,600	2,373
11/25/05	2,448	2,399	2,380	2,414	2,457	2,576	2,739	2,937	3,013	2,985	2,910	2,797	2,701	2,595	2,531	2,490	2,551	2,737	2,966	3,017	2,971	2,901	2,722	2,518
11/26/05	2,653	2,581	2,588	2,620	2,687	2,818	3,041	3,283	3,375	3,322	3,193	3,024	2,902	2,779	2,691	2,643	2,675	2,888	3,148	3,102	3,048	2,973	2,850	2,687
11/27/05	2,556	2,512	2,495	2,537	2,588	2,714	2,887	3,102	3,178	3,144	3,060	2,934	2,829	2,711	2,639	2,593	2,662	2,865	3,108	3,155	3,110	3,019	2,822	2,605
11/28/05	2,528	2,453	2,463	2,482	2,612	2,877	3,308	3,526	3,446	3,318	3,189	3,028	2,929	2,887	2,795	2,824	2,861	3,081	3,371	3,341	3,330	3,214	2,975	2,740
11/29/05	2,511	2,466	2,414	2,440	2,524	2,845	3,226	3,409	3,324	3,155	3,025	2,924	2,816	2,781	2,712	2,703	2,733	2,941	3,202	3,207	3,184	3,097	2,887	2,646
11/30/05	2,370	2,335	2,298	2,328	2,420	2,728	3,107	3,288	3,217	3,086	2,995	2,920	2,834	2,806	2,747	2,733	2,748	2,897	3,106	3,114	3,075	2,975	2,757	2,514
12/01/05	2,554	2,517	2,478	2,520	2,628	2,983	3,414	3,625	3,537	3,364	3,243	3,145	3,036	2,999	2,926	2,905	2,921	3,111	3,364	3,369	3,330	3,222	2,978	2,705
12/02/05	2,618	2,581	2,572	2,617	2,770	3,038	3,535	3,787	3,675	3,505	3,364	3,181	3,080	3,019	2,908	2,873	2,916	3,041	3,307	3,307	3,224	3,188	3,027	2,809
12/03/05	2,626	2,547	2,546	2,572	2,634	2,778	3,011	3,252	3,338	3,298	3,187	3,038	2,928	2,813	2,733	2,689	2,722	2,898	3,160	3,156	3,096	3,009	2,869	2,681
12/04/05	2,643	2,593	2,574	2,615	2,669	2,805	2,992	3,222	3,305	3,269	3,180	3,047	2,935	2,810	2,732	2,683	2,756	2,972	3,236	3,289	3,239	3,141	2,928	2,694
12/05/05	2,629	2,568	2,598	2,635	2,798	3,113	3,606	3,871	3,775	3,620	3,466	3,281	3,164	3,110	3,000	3,019	3,041	3,256	3,564	3,534	3,513	3,380	3,110	2,840
12/06/05	2,817	2,795	2,760	2,817	2,937	3,335	3,793	4,029	3,909	3,680	3,494	3,344	3,188	3,128	3,027	3,003	3,036	3,301	3,616	3,601	3,571	3,473	3,226	2,943
12/07/05	2,957	2,912	2,836	2,862	2,951	3,341	3,797	3,996	3,874	3,640	3,461	3,303	3,143	3,099	3,002	2,991	3,051	3,375	3,724	3,709	3,702	3,636	3,391	3,118
12/08/05	3,010	2,968	2,884	2,910	3,001	3,401	3,879	4,071	3,944	3,704	3,535	3,374	3,214	3,178	3,080	3,066	3,125	3,460	3,806	3,787	3,783	3,726	3,470	3,195
12/09/05	2,821	2,789	2,783	2,839	3,006	3,277	3,778	4,062	3,947	3,741	3,555	3,336	3,199	3,116	2,980	2,943	3,008	3,201	3,492	3,466	3,379	3,355	3,198	2,968
12/10/05	2,638	2,559	2,559	2,586	2,649	2,793	3,028	3,272	3,358	3,316	3,201	3,048	2,936	2,819	2,738	2,693	2,726	2,906	3,171	3,164	3,104	3,017	2,877	2,691
12/11/05	2,663	2,613	2,594	2,637	2,692	2,830	3,018	3,252	3,336	3,299	3,208	3,072	2,957	2,830	2,751	2,701	2,775	2,995	3,261	3,314	3,265	3,165	2,950	2,714
12/12/05	2,572	2,513	2,538	2,573	2,731	3,046	3,533	3,791	3,696	3,546	3,399	3,225	3,115	3,066	2,962	2,976	2,991	3,189	3,488	3,471	3,450	3,319	3,050	2,780
12/13/05	2,686	2,658	2,622	2,672	2,787	3,166	3,611	3,837	3,730	3,528	3,368	3,242	3,108	3,058	2,970	2,949	2,975	3,202	3,488	3,483	3,449	3,344	3,101	2,823
12/14/05	2,628	2,596	2,560	2,605	2,717	3,086	3,524	3,744	3,643	3,455	3,313	3,200	3,076	3,031	2,949	2,930	2,953	3,163	3,433	3,432	3,395	3,289	3,046	2,770
12/15/05	2,542	2,505	2,466	2,507	2,614	2,967	3,397	3,606	3,520	3,350	3,232	3,136	3,030	2,994	2,922	2,902	2,917	3,104	3,354	3,359	3,320	3,211	2,968	2,696
12/16/05	2,529	2,485	2,474	2,510	2,655	2,917	3,400	3,626	3,526	3,379	3,265	3,108	3,029	2,981	2,884	2,854	2,886	2,977	3,217	3,235	3,154	3,113	2,950	2,731
12/17/05	2,519	2,438	2,430	2,448	2,498	2,635	2,845	3,062	3,151	3,143	3,069	2,955	2,868	2,770	2,702	2,665	2,697	2,842	3,074	3,090	3,030	2,936	2,790	2,598
12/18/05	2,429	2,367	2,342	2,366	2,405	2,525	2,683	2,867	2,945	2,937	2,895	2,817	2,746	2,658	2,600	2,561	2,619	2,796	3,009	3,068	3,010	2,921	2,719	2,504
12/19/05	2,330	2,271	2,272	2,296	2,423	2,709	3,137	3,332	3,267	3,194	3,119	3,015	2,957	2,937	2,868	2,873	2,872	3,005	3,242	3,252	3,215	3,086	2,815	2,554
12/20/05	2,373	2,326	2,280	2,304	2,395	2,706	3,103	3,284	3,231	3,128	3,060	3,000	2,928	2,909	2,856	2,843	2,856	2,988	3,191	3,206	3,158	3,041	2,804	2,540
12/21/05	2,425	2,376	2,349	2,394	2,479	2,769	3,200	3,403	3,345	3,226	3,138	3,071	3,001	2,964	2,944	2,902	2,925	3,033	3,223	3,263	3,201	3,064	2,832	2,566
12/22/05	2,269	2,186	2,168	2,192	2,289	2,553	2,940	3,106	3,063	3,006	2,992	2,971	2,951	2,932	2,933	2,938	2,925	2,970	3,126	3,164	3,067	2,933	2,671	2,404
12/23/05	2,252	2,200	2,196	2,206	2,276	2,525	2,936	3,090	3,064	3,008	2,974	2,956	2,903	2,897	2,878	2,856	2,855	2,880	2,974	3,005	2,925	2,834	2,639	2,434
12/24/05	2,460	2,397	2,364	2,406	2,464	2,665	2,991	3,193	3,226	3,165	3,078	2,960	2,917	2,834	2,758	2,758	2,797	3,024	3,238	3,198	3,095	3,026	2,853	2,610
12/25/05	2,440	2,411	2,385	2,412	2,459	2,606	2,809	3,000	3,085	3,032	2,930	2,803	2,705	2,638	2,558	2,514	2,571	2,744	3,044	3,051	3,014	2,869	2,668	2,446
12/26/05	2,357	2,292	2,262	2,282	2,316	2,428	2,575	2,742	2,826	2,837	2,813	2,734	2,675	2,601	2,549	2,513	2,568	2,732	2,925	2,985	2,930	2,839	2,639	2,430
12/27/05	2,425	2,375	2,347	2,393	2,478	2,769	3,201	3,403	3,347	3,228	3,138	3,070	3,000	2,965	2,944	2,903	2,924	3,032	3,223	3,263	3,201	3,063	2,832	2,566
12/28/05	2,432	2,390	2,347	2,376	2,473	2,801	3,212	3,404	3,335	3,209	3,124	3,052	2,967	2,942	2,882	2,868	2,883	3,033	3,250	3,262	3,217	3,103	2,863	2,596
12/29/05	2,463	2,421	2,379	2,413	2,514	2,849	3,267	3,465	3,392	3,248	3,154	3,076	2,986	2,958	2,895	2,877	2,888	3,051	3,279	3,290	3,246	3,135	2,893	2,625
12/30/05	2,507	2,461	2,450	2,483	2,626	2,886	3,365	3,583	3,487	3,347	3,240	3,090	3,016	2,972	2,878	2,850	2,880	2,963	3,195	3,217	3,136	3,095	2,930	2,711
12/31/05	2,524	2,443	2,435	2,453	2,505	2,642	2,853	3,071	3,160	3,150	3,074	2,959	2,871	2,772	2,703	2,666	2,698	2,844	3,078	3,093	3,033	2,940	2,794	2,602

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
01/01/06	2,612	2,554	2,533	2,568	2,616	2,751	2,931	3,147	3,227	3,199	3,126	3,012	2,914	2,802	2,731	2,686	2,753	2,956	3,207	3,265	3,210	3,116	2,904	2,674
01/02/06	2,609	2,551	2,531	2,568	2,617	2,755	2,938	3,152	3,232	3,202	3,127	2,990	2,888	2,780	2,709	2,664	2,731	2,937	3,188	3,247	3,194	3,101	2,892	2,666
01/03/06	2,596	2,558	2,516	2,555	2,664	3,026	3,467	3,679	3,591	3,428	3,309	3,212	3,106	3,070	2,998	2,981	2,999	3,183	3,434	3,440	3,399	3,284	3,036	2,757
01/04/06	2,664	2,631	2,592	2,636	2,749	3,123	3,571	3,793	3,694	3,510	3,374	3,264	3,143	3,100	3,020	3,001	3,023	3,228	3,497	3,498	3,459	3,348	3,098	2,816
01/05/06	2,816	2,789	2,753	2,809	2,930	3,328	3,792	4,031	3,917	3,689	3,515	3,376	3,228	3,172	3,076	3,049	3,075	3,329	3,639	3,631	3,597	3,494	3,239	2,951
01/06/06	2,753	2,718	2,710	2,761	2,923	3,201	3,719	3,993	3,874	3,685	3,524	3,321	3,204	3,132	3,009	2,971	3,023	3,174	3,462	3,450	3,364	3,329	3,164	2,938
01/07/06	2,845	2,764	2,771	2,806	2,881	3,032	3,287	3,561	3,661	3,600	3,453	3,264	3,127	2,990	2,892	2,838	2,874	3,106	3,402	3,357	3,295	3,210	3,070	2,883
01/08/06	2,823	2,777	2,758	2,812	2,874	3,025	3,228	3,482	3,568	3,526	3,430	3,285	3,167	3,032	2,952	2,895	2,980	3,226	3,505	3,554	3,500	3,396	3,162	2,905
01/09/06	2,841	2,777	2,804	2,864	3,034	3,368	3,890	4,106	3,978	3,868	3,760	3,599	3,511	3,465	3,366	3,395	3,450	3,741	4,038	3,971	3,937	3,780	3,452	3,165
01/10/06	3,020	2,994	2,940	2,991	3,106	3,524	4,006	4,238	4,107	3,858	3,658	3,489	3,317	3,259	3,150	3,128	3,176	3,489	3,839	3,817	3,797	3,712	3,455	3,163
01/11/06	2,795	2,768	2,733	2,785	2,905	3,300	3,761	3,998	3,883	3,666	3,496	3,361	3,216	3,160	3,066	3,044	3,073	3,317	3,620	3,612	3,577	3,472	3,220	2,932
01/12/06	2,784	2,755	2,718	2,773	2,893	3,286	3,747	3,983	3,872	3,651	3,485	3,351	3,209	3,155	3,063	3,037	3,061	3,306	3,608	3,602	3,567	3,463	3,209	2,922
01/13/06	2,709	2,671	2,663	2,710	2,869	3,146	3,661	3,925	3,808	3,629	3,479	3,286	3,178	3,112	2,995	2,959	3,005	3,140	3,419	3,415	3,330	3,293	3,127	2,902
01/14/06	2,661	2,579	2,576	2,600	2,660	2,806	3,039	3,279	3,368	3,337	3,234	3,093	2,988	2,875	2,797	2,754	2,787	2,957	3,217	3,222	3,160	3,068	2,921	2,727
01/15/06	2,602	2,543	2,522	2,556	2,604	2,737	2,916	3,130	3,210	3,183	3,112	3,001	2,905	2,795	2,725	2,680	2,746	2,948	3,197	3,255	3,199	3,106	2,894	2,665
01/16/06	2,609	2,551	2,531	2,568	2,617	2,755	2,938	3,152	3,232	3,202	3,127	2,990	2,888	2,780	2,709	2,664	2,731	2,937	3,188	3,247	3,194	3,101	2,892	2,666
01/17/06	2,564	2,525	2,481	2,518	2,624	2,979	3,415	3,623	3,541	3,388	3,278	3,188	3,089	3,056	2,987	2,971	2,988	3,162	3,405	3,412	3,370	3,254	3,007	2,728
01/18/06	2,552	2,512	2,470	2,505	2,610	2,961	3,394	3,601	3,519	3,370	3,266	3,180	3,082	3,050	2,983	2,967	2,984	3,155	3,393	3,402	3,358	3,243	2,995	2,717
01/19/06	2,511	2,467	2,422	2,456	2,558	2,899	3,326	3,527	3,456	3,314	3,224	3,147	3,058	3,031	2,968	2,950	2,962	3,123	3,353	3,366	3,320	3,205	2,955	2,680
01/20/06	2,579	2,532	2,521	2,555	2,703	2,971	3,465	3,692	3,592	3,447	3,335	3,180	3,103	3,057	2,960	2,931	2,962	3,048	3,289	3,310	3,227	3,185	3,015	2,790
01/21/06	2,490	2,403	2,386	2,395	2,437	2,565	2,758	2,957	3,063	3,093	3,053	2,969	2,901	2,815	2,755	2,722	2,754	2,885	3,095	3,111	3,047	2,943	2,788	2,589
01/22/06	2,492	2,428	2,402	2,426	2,466	2,589	2,751	2,940	3,021	3,014	2,971	2,892	2,820	2,730	2,670	2,631	2,690	2,871	3,090	3,150	3,091	3,000	2,791	2,569
01/23/06	2,394	2,333	2,334	2,359	2,490	2,784	3,226	3,427	3,359	3,284	3,207	3,100	3,040	3,019	2,949	2,953	2,952	3,090	3,334	3,344	3,306	3,172	2,893	2,625
01/24/06	2,486	2,442	2,395	2,425	2,524	2,860	3,281	3,476	3,410	3,284	3,199	3,126	3,042	3,018	2,958	2,944	2,958	3,108	3,330	3,343	3,296	3,177	2,931	2,657
01/25/06	2,492	2,441	2,413	2,460	2,547	2,846	3,290	3,500	3,440	3,317	3,227	3,158	3,085	3,048	3,027	2,984	3,007	3,119	3,314	3,356	3,291	3,150	2,911	2,637
01/26/06	2,325	2,241	2,224	2,249	2,350	2,624	3,025	3,194	3,147	3,084	3,068	3,043	3,020	2,999	2,997	3,001	2,987	3,037	3,202	3,242	3,142	3,005	2,737	2,463
01/27/06	2,336	2,279	2,272	2,278	2,346	2,595	3,013	3,176	3,160	3,112	3,086	3,078	3,032	3,033	3,022	3,003	3,005	3,021	3,101	3,128	3,045	2,945	2,737	2,522
01/28/06	2,527	2,463	2,429	2,472	2,532	2,739	3,076	3,283	3,317	3,254	3,165	3,043	2,999	2,913	2,835	2,835	2,875	3,109	3,330	3,289	3,182	3,111	2,933	2,682
01/29/06	2,264	2,215	2,187	2,205	2,232	2,350	2,500	2,627	2,708	2,724	2,674	2,596	2,529	2,444	2,370	2,359	2,369	2,513	2,750	2,907	2,842	2,713	2,518	2,277
01/30/06	2,363	2,309	2,306	2,344	2,447	2,740	3,241	3,426	3,373	3,258	3,216	3,126	3,075	3,056	3,022	3,005	3,020	3,127	3,281	3,316	3,240	3,111	2,839	2,561
01/31/06	2,488	2,444	2,398	2,428	2,527	2,863	3,285	3,481	3,413	3,287	3,201	3,128	3,044	3,019	2,958	2,945	2,959	3,110	3,332	3,345	3,298	3,180	2,933	2,659
02/01/06	2,549	2,505	2,459	2,487	2,583	2,910	3,323	3,515	3,451	3,332	3,254	3,187	3,106	3,083	3,025	3,011	3,026	3,170	3,385	3,399	3,351	3,234	2,990	2,718
02/02/06	2,595	2,552	2,508	2,542	2,643	2,983	3,407	3,607	3,536	3,393	3,301	3,224	3,135	3,107	3,044	3,026	3,038	3,200	3,429	3,441	3,396	3,282	3,035	2,762
02/03/06	2,641	2,593	2,581	2,614	2,758	3,023	3,509	3,728	3,632	3,493	3,388	3,239	3,166	3,124	3,029	3,002	3,031	3,111	3,344	3,368	3,286	3,243	3,074	2,851
02/04/06	2,729	2,648	2,644	2,667	2,725	2,870	3,099	3,335	3,423	3,395	3,296	3,159	3,056	2,946	2,869	2,828	2,860	3,026	3,281	3,288	3,227	3,135	2,989	2,796
02/05/06	2,680	2,622	2,601	2,635	2,682	2,815	2,993	3,205	3,284	3,257	3,186	3,076	2,980	2,871	2,802	2,757	2,823	3,023	3,270	3,328	3,272	3,180	2,970	2,742
02/06/06	2,719	2,660	2,685	2,721	2,882	3,203	3,701	3,964	3,868	3,715	3,564	3,386	3,274	3,224	3,118	3,133	3,148	3,349	3,655	3,638	3,616	3,483	3,208	2,933
02/07/06	2,813	2,783	2,745	2,795	2,911	3,295	3,747	3,975	3,869	3,668	3,511	3,387	3,254	3,205	3,117	3,097	3,122	3,347	3,633	3,629	3,594	3,486	3,238	2,955
02/08/06	2,937	2,900	2,850	2,893	3,000	3,388	3,838	4,063	3,948	3,724	3,546	3,403	3,252	3,199	3,105	3,087	3,128	3,400	3,725	3,718	3,693	3,600	3,355	3,073
02/09/06	2,767	2,733	2,695	2,743	2,857	3,232	3,680	3,904	3,805	3,609	3,467	3,353	3,230	3,185	3,103	3,080	3,099	3,314	3,590	3,590	3,553	3,445	3,195	2,914
02/10/06	2,789	2,752	2,744	2,792	2,949	3,224	3,734	3,997	3,881	3,702	3,552	3,360	3,252	3,186	3,070	3,033	3,080	3,215	3,493	3,488	3,403	3,367	3,203	2,980
02/11/06	2,659	2,576	2,567	2,585	2,636	2,774	2,988	3,207	3,299	3,293	3,220	3,106	3,019	2,919	2,851	2,814	2,846	2,992	3,228	3,245	3,183	3,087	2,937	2,741
02/12/06	2,662	2,603	2,581	2,614	2,660	2,791	2,966	3,174	3,252	3,228	3,162	3,056	2,964	2,859	2,791	2,748	2,812	3,009	3,251	3,309	3,253	3,161	2,952	2,727
02/13/06	2,567	2,510	2,520	2,550	2,695	3,007	3,476	3,704	3,616	3,501	3,389	3,253	3,172	3,140	3,056	3,062	3,064	3,225	3,495	3,503	3,474	3,344	3,065	2,792
02/14/06	2,592	2,549	2,505	2,537	2,638	2,977	3,401	3,599	3,527	3,392	3,299	3,221	3,132	3,105	3,042	3,028	3,043	3,200	3,427	3,438	3,393	3,277	3,032	2,759
02/15/06	2,564	2,520	2,475	2,504	2,602	2,933	3,349	3,543	3,476	3,352	3,270	3,199	3,115	3,090	3,031	3,017	3,032	3,181	3,399	3,412	3,365	3,249	3,004	2,732
02/16/06	2,566	2,521	2,475	2,507	2,605	2,937	3,355	3,550	3,485	3,353	3,271	3,200	3,117	3,092	3,033	3,015	3,026	3,179	3,401	3,415	3,368	3,253	3,006	2,734
02/17/06	2,512	2,456	2,436	2,456	2,582	2,829	3,274	3,457	3,391	3,302	3,241	3,137	3,097	3,074	2,999	2,978	3,002	3,044	3,228	3,264	3,179	3,122	2,947	2,722
02/18/06	2,353	2,312	2,287	2,304	2,342	2,501	2,702	2,853	2,953	2,962	2,904	2,791	2,709	2,593	2,537	2,513	2,527	2,644	2,847	2,939	2,852	2,766	2,615	2,445
02/19/06	2,585	2,556	2,529	2,556	2,605	2,754	2,962	3,157	3,244	3,189	3,086	2,956	2,855	2,787	2,706	2,661	2,718	2,895	3,202	3,209	3,171	3,023	2,817	2,591
02/20/06	2,442	2,389	2,386	2,423	2,526	2,815	3,312	3,495	3,443	3,328	3,287	3,198	3,148	3,129	3,095	3,079	3,093	3,199	3,352	3,386	3,311	3,184	2,914	2,638
02/21/06	2,388	2,310	2,295	2,320	2,422	2,700	3,104	3,266	3,208	3,144	3,118	3,084	3,055	3,028	3,020	3,024	3,011	3,065	3,239	3,281	3,182	3,048	2,790	2,523
02/22/06	2,570	2,519	2,492	2,538	2,625	2,921	3,361	3,569	3,510	3,387	3,298	3,230	3,158	3,121	3,100	3,057	3,080	3,191	3,384	3,426	3,362	3,222	2,985	2,714
02/23/06	2,426	2,338	2,316	2,339	2,436	2,700	3,089	3,263	3,228	3,178	3,171	3,156	3,141	3,128	3,133	3,144	3,131	3,170	3,318	3,353	3,255	3,115	2,842	2,565
02/24/06	2,431	2,372	2,363	2,367	2,432	2,673	3,083	3,247	3,239	3,199	3,179	3,179	3,138	3,145	3,140	3,124	3,127	3,137	3,205	3,228	3,144	3,041	2,831	2,614
02/25/06	2,373	2,327	2,297	2,311	2,344	2,498	2,691	2,843	2,952	2,972	2,927	2,827	2,758	2,654	2,608	2,592	2,607	2,713	2,898	2,984	2,896	2,804	2,646	2,468
02/26/06	2,340	2,292	2,266	2,285	2,312	2,432	2,582	2,708	2,785	2,798	2,745	2,662	2,592	2,504	2,427	2,414	2,422	2,568	2,808	2,967	2,903	2,777	2,586	2,350
02/27/06	2,317	2,285	2,245	2,271	2,396	2,661	3,064	3,199	3,195	3,150	3,128	3,062	3,044	3,014	2,998	2,990	2,987	3,075	3,208	3,263	3,176	3,051	2,786	2,508
02/28/06	2,569	2,519	2,490	2,537	2,623	2,921	3,362	3,569	3,511	3,389	3,298	3,228	3,157	3,121	3,100	3,058	3,080	3,190	3,384	3,426	3,363	3,222	2,986	2,714

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
03/01/06	2,336	2,291	2,266	2,307	2,385	2,649	3,043	3,229	3,176	3,067	2,987	2,926	2,861	2,828	2,810	2,772	2,792	2,891	3,064	3,101	3,044	2,919	2,707	2,464
03/02/06	2,336	2,290	2,264	2,308	2,386	2,650	3,045	3,231	3,181	3,066	2,986	2,925	2,862	2,829	2,811	2,770	2,786	2,888	3,064	3,102	3,045	2,921	2,707	2,465
03/03/06	2,475	2,433	2,418	2,463	2,547	2,808	3,209	3,364	3,305	3,122	2,994	2,887	2,785	2,724	2,675	2,669	2,675	2,785	2,980	2,984	2,964	2,936	2,808	2,584
03/04/06	2,367	2,310	2,280	2,318	2,371	2,555	2,853	3,037	3,067	3,011	2,932	2,824	2,785	2,709	2,639	2,639	2,675	2,882	3,078	3,042	2,947	2,885	2,727	2,504
03/05/06	2,307	2,248	2,223	2,242	2,275	2,380	2,517	2,679	2,752	2,754	2,725	2,664	2,606	2,531	2,481	2,447	2,498	2,653	2,838	2,892	2,839	2,757	2,573	2,377
03/06/06	2,272	2,220	2,223	2,247	2,367	2,635	3,035	3,221	3,154	3,076	2,998	2,895	2,837	2,816	2,750	2,754	2,753	2,882	3,105	3,115	3,084	2,966	2,718	2,477
03/07/06	2,337	2,298	2,257	2,284	2,372	2,671	3,045	3,219	3,159	3,046	2,968	2,902	2,827	2,805	2,751	2,738	2,751	2,886	3,084	3,095	3,054	2,949	2,731	2,487
03/08/06	2,374	2,337	2,299	2,328	2,420	2,727	3,108	3,289	3,220	3,093	3,006	2,933	2,849	2,823	2,765	2,751	2,766	2,912	3,119	3,128	3,088	2,985	2,766	2,521
03/09/06	2,505	2,492	2,476	2,536	2,655	3,004	3,421	3,637	3,543	3,366	3,238	3,133	3,019	2,973	2,894	2,866	2,872	3,047	3,277	3,271	3,227	3,121	2,889	2,630
03/10/06	2,430	2,390	2,380	2,413	2,545	2,784	3,225	3,431	3,340	3,206	3,102	2,959	2,886	2,843	2,754	2,728	2,757	2,839	3,058	3,074	3,001	2,964	2,814	2,615
03/11/06	2,384	2,309	2,299	2,312	2,354	2,475	2,658	2,846	2,932	2,938	2,884	2,793	2,722	2,638	2,580	2,548	2,577	2,701	2,902	2,919	2,864	2,776	2,640	2,464
03/12/06	2,346	2,290	2,267	2,290	2,326	2,436	2,581	2,751	2,822	2,814	2,773	2,700	2,633	2,552	2,498	2,463	2,516	2,678	2,875	2,928	2,876	2,795	2,611	2,413
03/13/06	2,278	2,226	2,230	2,254	2,375	2,643	3,046	3,233	3,165	3,084	3,004	2,900	2,840	2,819	2,752	2,756	2,755	2,885	3,110	3,120	3,089	2,972	2,723	2,483
03/14/06	2,336	2,290	2,264	2,306	2,384	2,649	3,044	3,229	3,177	3,068	2,986	2,924	2,861	2,828	2,810	2,772	2,792	2,890	3,064	3,101	3,044	2,918	2,708	2,465
03/15/06	2,336	2,291	2,266	2,307	2,385	2,649	3,043	3,229	3,176	3,067	2,987	2,926	2,861	2,828	2,810	2,772	2,792	2,891	3,064	3,101	3,044	2,919	2,707	2,464
03/16/06	2,336	2,290	2,264	2,308	2,386	2,650	3,045	3,231	3,181	3,066	2,986	2,925	2,862	2,829	2,811	2,770	2,786	2,888	3,064	3,102	3,045	2,921	2,707	2,465
03/17/06	2,475	2,433	2,418	2,463	2,547	2,808	3,209	3,364	3,305	3,122	2,994	2,887	2,785	2,724	2,675	2,669	2,675	2,785	2,980	2,984	2,964	2,936	2,808	2,584
03/18/06	2,367	2,310	2,280	2,318	2,371	2,555	2,853	3,037	3,067	3,011	2,932	2,824	2,785	2,709	2,639	2,639	2,675	2,882	3,078	3,042	2,947	2,885	2,727	2,504
03/19/06	2,125	2,084	2,062	2,080	2,106	2,215	2,353	2,465	2,531	2,538	2,485	2,405	2,337	2,254	2,181	2,165	2,172	2,307	2,528	2,673	2,616	2,506	2,338	2,130
03/20/06	2,108	2,079	2,045	2,069	2,180	2,418	2,779	2,899	2,893	2,850	2,828	2,767	2,748	2,719	2,703	2,694	2,692	2,772	2,895	2,945	2,868	2,757	2,522	2,275
03/21/06	2,336	2,290	2,264	2,306	2,384	2,649	3,044	3,229	3,177	3,068	2,986	2,924	2,861	2,828	2,810	2,772	2,792	2,890	3,064	3,101	3,044	2,918	2,708	2,465
03/22/06	2,234	2,150	2,127	2,141	2,225	2,452	2,789	2,950	2,932	2,906	2,913	2,910	2,906	2,902	2,917	2,935	2,931	2,951	3,061	3,085	2,998	2,867	2,616	2,362
03/23/06	2,198	2,121	2,104	2,125	2,213	2,452	2,804	2,957	2,920	2,870	2,860	2,842	2,825	2,810	2,812	2,818	2,806	2,846	2,985	3,018	2,930	2,807	2,566	2,321
03/24/06	2,214	2,161	2,152	2,156	2,214	2,428	2,794	2,941	2,935	2,900	2,884	2,884	2,849	2,856	2,852	2,838	2,841	2,850	2,908	2,928	2,854	2,760	2,572	2,377
03/25/06	2,134	2,099	2,079	2,096	2,131	2,276	2,459	2,593	2,680	2,683	2,625	2,518	2,439	2,330	2,277	2,251	2,263	2,373	2,562	2,646	2,569	2,495	2,364	2,214
03/26/06	2,162	2,111	2,079	2,089	2,106	2,197	2,317	2,433	2,519	2,555	2,535	2,493	2,457	2,405	2,360	2,367	2,378	2,490	2,664	2,788	2,732	2,605	2,418	2,192
03/27/06	2,134	2,100	2,056	2,075	2,184	2,412	2,763	2,894	2,911	2,892	2,893	2,854	2,858	2,851	2,853	2,859	2,859	2,918	3,004	3,044	2,966	2,844	2,593	2,332
03/28/06	2,340	2,234	2,193	2,197	2,269	2,466	2,771	2,958	2,992	3,015	3,064	3,102	3,131	3,160	3,205	3,249	3,252	3,230	3,276	3,277	3,191	3,040	2,760	2,482
03/29/06	2,367	2,256	2,212	2,213	2,283	2,473	2,769	2,963	3,007	3,040	3,101	3,148	3,183	3,218	3,270	3,319	3,324	3,294	3,326	3,322	3,235	3,081	2,794	2,511
03/30/06	2,367	2,255	2,211	2,213	2,284	2,474	2,771	2,965	3,012	3,039	3,100	3,148	3,184	3,219	3,271	3,317	3,318	3,291	3,326	3,323	3,236	3,083	2,795	2,511
03/31/06	2,302	2,235	2,215	2,208	2,252	2,439	2,784	2,948	2,979	2,982	3,000	3,039	3,031	3,068	3,092	3,092	3,102	3,081	3,082	3,081	3,001	2,887	2,673	2,463
04/01/06	2,300	2,249	2,210	2,215	2,236	2,366	2,527	2,669	2,784	2,826	2,813	2,748	2,711	2,641	2,616	2,618	2,635	2,708	2,841	2,909	2,826	2,729	2,570	2,393
04/02/06	2,321	2,255	2,208	2,207	2,212	2,281	2,380	2,504	2,620	2,696	2,720	2,728	2,735	2,724	2,715	2,750	2,767	2,851	2,966	3,063	3,008	2,855	2,639	2,384
04/03/06	2,234	2,198	2,152	2,171	2,282	2,512	2,869	3,005	3,025	3,008	3,012	2,974	2,981	2,976	2,981	2,989	2,989	3,047	3,130	3,170	3,090	2,965	2,706	2,439
04/04/06	2,321	2,237	2,214	2,231	2,317	2,553	2,902	3,063	3,039	3,009	3,009	3,001	2,993	2,987	2,997	3,015	3,008	3,033	3,153	3,180	3,092	2,959	2,707	2,450
04/05/06	2,284	2,209	2,194	2,215	2,306	2,554	2,916	3,068	3,021	2,970	2,955	2,931	2,909	2,889	2,887	2,893	2,884	2,926	3,074	3,110	3,019	2,895	2,655	2,408
04/06/06	2,312	2,230	2,209	2,228	2,316	2,554	2,907	3,067	3,039	2,997	2,994	2,984	2,973	2,963	2,971	2,982	2,972	3,004	3,133	3,163	3,074	2,945	2,694	2,440
04/07/06	2,386	2,335	2,317	2,336	2,451	2,676	3,083	3,251	3,190	3,107	3,050	2,955	2,917	2,896	2,828	2,808	2,830	2,869	3,038	3,071	2,994	2,942	2,783	2,577
04/08/06	2,579	2,505	2,502	2,523	2,576	2,707	2,916	3,130	3,211	3,186	3,096	2,971	2,878	2,778	2,708	2,670	2,700	2,851	3,083	3,089	3,034	2,950	2,817	2,640
04/09/06	2,382	2,321	2,294	2,310	2,342	2,444	2,580	2,738	2,816	2,826	2,804	2,749	2,696	2,623	2,574	2,540	2,591	2,744	2,924	2,980	2,926	2,840	2,653	2,454
04/10/06	2,292	2,231	2,227	2,244	2,349	2,591	2,959	3,124	3,090	3,057	3,011	2,932	2,890	2,875	2,818	2,825	2,826	2,933	3,136	3,136	3,094	2,969	2,726	2,493
04/11/06	2,283	2,209	2,192	2,214	2,305	2,554	2,917	3,068	3,023	2,972	2,954	2,930	2,909	2,889	2,887	2,894	2,884	2,926	3,074	3,109	3,020	2,894	2,655	2,408
04/12/06	2,353	2,263	2,236	2,248	2,330	2,555	2,892	3,062	3,054	3,039	3,055	3,061	3,063	3,067	3,088	3,113	3,110	3,121	3,219	3,239	3,151	3,013	2,750	2,486
04/13/06	2,436	2,389	2,363	2,407	2,487	2,757	3,159	3,349	3,298	3,180	3,099	3,037	2,972	2,939	2,920	2,878	2,895	2,999	3,178	3,217	3,159	3,032	2,815	2,567
04/14/06	2,341	2,282	2,269	2,269	2,323	2,533	2,898	3,054	3,060	3,038	3,033	3,047	3,021	3,039	3,045	3,035	3,041	3,038	3,078	3,091	3,013	2,911	2,710	2,506
04/15/06	2,468	2,410	2,379	2,418	2,472	2,659	2,963	3,150	3,181	3,124	3,044	2,934	2,893	2,816	2,745	2,745	2,782	2,993	3,193	3,156	3,059	2,995	2,834	2,607
04/16/06	2,268	2,213	2,179	2,187	2,202	2,291	2,409	2,528	2,621	2,664	2,651	2,617	2,588	2,543	2,504	2,515	2,528	2,637	2,804	2,924	2,868	2,735	2,540	2,305
04/17/06	2,271	2,228	2,170	2,186	2,293	2,512	2,858	3,006	3,051	3,059	3,088	3,073	3,104	3,122	3,145	3,168	3,172	3,207	3,252	3,281	3,199	3,063	2,787	2,505
04/18/06	2,383	2,286	2,253	2,262	2,342	2,558	2,886	3,063	3,071	3,071	3,098	3,115	3,128	3,141	3,172	3,204	3,203	3,201	3,280	3,294	3,206	3,062	2,792	2,520
04/19/06	2,411	2,308	2,272	2,278	2,355	2,563	2,881	3,065	3,086	3,096	3,137	3,165	3,186	3,206	3,245	3,283	3,284	3,273	3,335	3,343	3,255	3,107	2,828	2,551
04/20/06	2,399	2,298	2,263	2,272	2,351	2,562	2,885	3,067	3,084	3,083	3,119	3,143	3,161	3,179	3,214	3,246	3,243	3,239	3,311	3,322	3,234	3,090	2,813	2,538
04/21/06	2,396	2,329	2,310	2,302	2,348	2,540	2,893	3,059	3,089	3,090	3,107	3,145	3,135	3,172	3,195	3,194	3,204	3,184	3,188	3,187	3,107	2,991	2,774	2,561
04/22/06	2,326	2,270	2,225	2,226	2,242	2,365	2,518	2,662	2,786	2,842	2,845	2,796	2,774	2,717	2,702	2,714	2,732	2,791	2,905	2,966	2,882	2,777	2,609	2,424
04/23/06	2,313	2,248	2,203	2,204	2,210	2,282	2,383	2,507	2,620	2,691	2,710	2,712	2,714	2,699	2,685	2,717	2,734	2,821	2,943	3,043	2,988	2,838	2,625	2,373
04/24/06	2,386	2,329	2,243	2,247	2,347	2,539	2,863	3,038	3,140	3,205	3,288	3,323	3,407	3,470	3,535	3,590	3,598	3,590	3,553	3,552	3,464	3,305	2,990	2,675
04/25/06	2,538	2,412	2,357	2,353	2,419	2,597	2,883	3,095	3,169	3,228	3,313	3,383	3,437	3,489	3,558	3,621	3,629	3,578	3,580	3,561	3,470	3,304	2,996	2,694
04/26/06	2,565	2,434	2,378	2,370	2,435	2,607	2,886	3,104	3,186	3,253	3,348	3,427	3,486	3,542	3,617	3,684	3,694	3,637	3,628	3,604	3,511	3,342	3,029	2,722
04/27/06	2,576	2,442	2,384	2,378	2,442	2,612	2,890	3,111	3,199	3,264	3,362	3,444	3,506	3,565	3,642	3,708	3,714	3,658	3,647	3,623	3,530	3,361	3,043	2,734
04/28/06	2,794	2,684	2,634	2,589	2,588	2,696	2,999	3,230	3,387	3,508	3,638	3,812	3,883	4,010	4,111	4,151	4,187	4,098	3,940	3,856	3,750	3,574	3,270	3,018
04/29/06	2,798	2,685	2,563	2,522	2,470	2,539	2,618	2,800	3,044	3,264	3,466	3,577	3,731	3,800	3,900	3,999	4,022	3,951	3,865	3,837	3,705	3,527	3,262	2,990
04/30/06	2,518	2,421	2,342	2,319	2,294	2,317	2,374	2,515	2,688	2,850	2,966	3,074	3,169	3,237	3,295	3,385	3,406	3,431	3,428	3,463	3,403	3,205	2,937	2,635

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
05/01/06	2,665	2,584	2,454	2,444	2,553	2,738	3,080	3,304	3,481	3,609	3,758	3,846	3,993	4,102	4,212	4,303	4,315	4,272	4,154	4,114	4,005	3,807	3,414	3,025
05/02/06	2,905	2,723	2,637	2,617	2,678	2,838	3,111	3,398	3,556	3,692	3,858	4,001	4,108	4,205	4,324	4,432	4,446	4,340	4,268	4,199	4,081	3,870	3,481	3,105
05/03/06	2,737	2,580	2,511	2,499	2,568	2,751	3,053	3,310	3,420	3,514	3,638	3,741	3,819	3,893	3,987	4,072	4,084	4,007	3,978	3,941	3,833	3,637	3,273	2,920
05/04/06	2,794	2,626	2,551	2,539	2,605	2,779	3,071	3,339	3,470	3,572	3,712	3,830	3,920	4,002	4,106	4,196	4,205	4,121	4,077	4,030	3,920	3,720	3,344	2,983
05/05/06	2,676	2,577	2,537	2,509	2,535	2,705	3,069	3,289	3,392	3,459	3,540	3,655	3,692	3,784	3,857	3,881	3,905	3,836	3,744	3,702	3,599	3,432	3,141	2,877
05/06/06	2,396	2,336	2,289	2,293	2,314	2,456	2,634	2,794	2,928	2,983	2,976	2,912	2,878	2,806	2,784	2,791	2,810	2,885	3,025	3,098	3,004	2,891	2,707	2,504
05/07/06	2,359	2,294	2,253	2,260	2,274	2,369	2,497	2,633	2,743	2,799	2,793	2,765	2,741	2,698	2,661	2,680	2,695	2,811	2,987	3,117	3,054	2,900	2,675	2,406
05/08/06	2,357	2,308	2,241	2,257	2,377	2,622	3,010	3,178	3,233	3,247	3,283	3,270	3,309	3,332	3,362	3,391	3,395	3,431	3,475	3,506	3,414	3,259	2,945	2,625
05/09/06	2,464	2,358	2,322	2,334	2,425	2,672	3,045	3,241	3,244	3,238	3,263	3,278	3,289	3,301	3,331	3,365	3,363	3,365	3,462	3,480	3,381	3,221	2,920	2,618
05/10/06	2,469	2,362	2,327	2,337	2,428	2,673	3,043	3,241	3,245	3,240	3,269	3,286	3,298	3,310	3,342	3,376	3,375	3,376	3,469	3,487	3,388	3,228	2,925	2,622
05/11/06	2,493	2,379	2,340	2,351	2,439	2,677	3,041	3,245	3,264	3,262	3,302	3,329	3,348	3,367	3,406	3,443	3,439	3,435	3,517	3,530	3,431	3,268	2,957	2,648
05/12/06	2,675	2,576	2,536	2,508	2,535	2,704	3,068	3,289	3,391	3,458	3,539	3,653	3,690	3,783	3,854	3,879	3,903	3,834	3,743	3,700	3,598	3,431	3,140	2,876
05/13/06	2,568	2,478	2,395	2,376	2,367	2,476	2,610	2,783	2,973	3,105	3,193	3,213	3,265	3,265	3,301	3,358	3,383	3,386	3,418	3,451	3,344	3,190	2,958	2,708
05/14/06	2,547	2,448	2,371	2,352	2,335	2,376	2,453	2,605	2,781	2,932	3,031	3,119	3,196	3,248	3,291	3,375	3,398	3,445	3,481	3,541	3,477	3,270	2,986	2,662
05/15/06	2,614	2,537	2,415	2,409	2,519	2,711	3,058	3,276	3,438	3,553	3,689	3,766	3,901	4,002	4,104	4,188	4,200	4,164	4,063	4,033	3,926	3,733	3,349	2,967
05/16/06	2,833	2,661	2,582	2,565	2,629	2,798	3,083	3,357	3,497	3,617	3,765	3,891	3,987	4,076	4,185	4,284	4,297	4,203	4,147	4,091	3,978	3,772	3,393	3,026
05/17/06	2,875	2,697	2,615	2,596	2,658	2,820	3,097	3,380	3,529	3,657	3,818	3,955	4,057	4,150	4,265	4,368	4,383	4,283	4,216	4,153	4,037	3,829	3,443	3,071
05/18/06	3,009	2,811	2,719	2,697	2,755	2,901	3,160	3,467	3,649	3,798	3,990	4,154	4,274	4,381	4,512	4,626	4,637	4,523	4,436	4,351	4,224	4,008	3,603	3,218
05/19/06	2,960	2,836	2,780	2,729	2,727	2,847	3,188	3,452	3,635	3,776	3,927	4,130	4,212	4,360	4,476	4,524	4,566	4,462	4,278	4,178	4,055	3,852	3,505	3,218
05/20/06	2,814	2,697	2,575	2,536	2,492	2,576	2,674	2,868	3,118	3,333	3,521	3,620	3,759	3,821	3,913	4,012	4,039	3,979	3,913	3,900	3,767	3,577	3,297	3,005
05/21/06	2,843	2,713	2,599	2,558	2,507	2,509	2,553	2,726	2,958	3,201	3,391	3,573	3,733	3,854	3,952	4,085	4,101	4,096	4,027	4,028	3,949	3,698	3,365	2,995
05/22/06	2,912	2,815	2,649	2,626	2,735	2,890	3,214	3,459	3,696	3,869	4,066	4,190	4,383	4,514	4,652	4,762	4,775	4,715	4,539	4,456	4,334	4,126	3,701	3,282
05/23/06	3,146	2,931	2,831	2,803	2,857	2,993	3,235	3,563	3,768	3,947	4,162	4,347	4,481	4,597	4,739	4,870	4,883	4,754	4,650	4,541	4,402	4,178	3,763	3,366
05/24/06	3,151	2,936	2,836	2,808	2,862	2,996	3,236	3,566	3,770	3,949	4,167	4,355	4,488	4,604	4,747	4,876	4,890	4,762	4,656	4,547	4,407	4,184	3,767	3,370
05/25/06	3,226	3,001	2,897	2,870	2,923	3,051	3,285	3,627	3,846	4,028	4,259	4,458	4,598	4,717	4,865	4,997	5,005	4,876	4,768	4,648	4,502	4,278	3,853	3,451
05/26/06	3,441	3,292	3,227	3,145	3,098	3,163	3,498	3,810	4,062	4,257	4,467	4,767	4,863	5,049	5,184	5,235	5,296	5,206	4,973	4,820	4,683	4,472	4,082	3,807
05/27/06	3,327	3,188	3,014	2,959	2,863	2,943	3,020	3,252	3,577	3,890	4,199	4,363	4,603	4,694	4,838	4,967	4,985	4,872	4,729	4,663	4,470	4,262	3,931	3,603
05/28/06	3,394	3,237	3,078	3,022	2,930	2,915	2,950	3,156	3,436	3,773	4,039	4,289	4,512	4,665	4,779	4,948	4,926	4,895	4,766	4,732	4,619	4,330	3,962	3,544
05/29/06	3,418	3,274	3,102	3,062	2,963	2,951	2,997	3,178	3,522	3,915	4,186	4,520	4,730	4,827	5,020	5,198	5,236	5,156	4,947	4,897	4,690	4,451	4,116	3,772
05/30/06	3,496	3,233	3,110	3,070	3,113	3,219	3,418	3,794	4,036	4,246	4,505	4,729	4,875	4,990	5,143	5,286	5,283	5,156	5,057	4,916	4,761	4,548	4,127	3,729
05/31/06	3,164	2,948	2,848	2,819	2,873	3,005	3,244	3,576	3,783	3,964	4,184	4,374	4,508	4,624	4,768	4,899	4,913	4,784	4,677	4,565	4,424	4,201	3,783	3,385
06/01/06	3,368	3,139	3,034	3,007	3,057	3,177	3,396	3,742	3,966	4,153	4,390	4,595	4,736	4,854	5,003	5,137	5,143	5,013	4,905	4,777	4,626	4,407	3,988	3,592
06/02/06	3,120	2,994	2,937	2,882	2,872	2,977	3,306	3,575	3,773	3,928	4,092	4,314	4,403	4,560	4,681	4,733	4,779	4,673	4,475	4,361	4,234	4,030	3,677	3,394
06/03/06	2,955	2,835	2,708	2,666	2,615	2,692	2,782	2,977	3,234	3,462	3,667	3,779	3,934	4,004	4,105	4,209	4,235	4,165	4,083	4,059	3,921	3,730	3,447	3,155
06/04/06	2,900	2,774	2,665	2,625	2,577	2,580	2,623	2,790	3,014	3,248	3,431	3,605	3,758	3,874	3,968	4,096	4,112	4,109	4,044	4,047	3,970	3,728	3,406	3,047
06/05/06	2,850	2,763	2,620	2,604	2,709	2,874	3,198	3,426	3,628	3,776	3,945	4,049	4,216	4,334	4,456	4,555	4,568	4,515	4,370	4,311	4,198	4,000	3,601	3,207
06/06/06	2,963	2,786	2,704	2,685	2,745	2,901	3,168	3,446	3,597	3,727	3,887	4,023	4,126	4,220	4,334	4,438	4,451	4,350	4,282	4,217	4,102	3,898	3,520	3,156
06/07/06	2,896	2,729	2,654	2,637	2,700	2,864	3,141	3,407	3,540	3,655	3,799	3,922	4,013	4,098	4,204	4,298	4,312	4,221	4,168	4,115	4,005	3,806	3,438	3,082
06/08/06	2,704	2,568	2,512	2,510	2,584	2,783	3,100	3,329	3,403	3,454	3,542	3,613	3,668	3,720	3,791	3,853	3,857	3,811	3,824	3,809	3,710	3,532	3,197	2,871
06/09/06	2,682	2,593	2,560	2,539	2,574	2,754	3,118	3,320	3,397	3,440	3,498	3,585	3,606	3,679	3,734	3,749	3,768	3,715	3,657	3,631	3,535	3,385	3,118	2,869
06/10/06	2,691	2,597	2,508	2,485	2,468	2,568	2,689	2,862	3,059	3,206	3,314	3,352	3,422	3,438	3,486	3,552	3,577	3,565	3,572	3,594	3,486	3,327	3,090	2,837
06/11/06	2,767	2,653	2,559	2,528	2,493	2,510	2,564	2,723	2,925	3,123	3,271	3,410	3,532	3,624	3,699	3,809	3,830	3,846	3,818	3,843	3,774	3,548	3,244	2,903
06/12/06	2,836	2,749	2,608	2,593	2,699	2,865	3,190	3,417	3,615	3,760	3,926	4,029	4,192	4,310	4,430	4,528	4,540	4,489	4,347	4,290	4,179	3,981	3,584	3,192
06/13/06	3,133	2,933	2,839	2,815	2,869	3,006	3,250	3,557	3,744	3,907	4,103	4,271	4,395	4,503	4,636	4,757	4,770	4,651	4,556	4,461	4,333	4,119	3,721	3,341
06/14/06	3,126	2,928	2,836	2,810	2,864	3,002	3,245	3,552	3,736	3,897	4,094	4,262	4,384	4,492	4,624	4,743	4,758	4,639	4,545	4,452	4,323	4,110	3,713	3,333
06/15/06	3,187	2,980	2,884	2,859	2,912	3,044	3,282	3,599	3,797	3,961	4,169	4,348	4,477	4,588	4,726	4,847	4,856	4,737	4,639	4,537	4,403	4,189	3,784	3,399
06/16/06	3,327	3,193	3,135	3,070	3,044	3,129	3,459	3,752	3,985	4,167	4,361	4,628	4,729	4,906	5,039	5,096	5,153	5,047	4,819	4,674	4,534	4,318	3,939	3,653
06/17/06	3,162	3,032	2,883	2,833	2,760	2,833	2,913	3,124	3,414	3,686	3,945	4,088	4,288	4,374	4,499	4,617	4,640	4,546	4,427	4,378	4,216	4,015	3,709	3,400
06/18/06	3,235	3,089	2,951	2,899	2,823	2,810	2,844	3,032	3,290	3,589	3,827	4,053	4,253	4,397	4,508	4,662	4,658	4,632	4,518	4,491	4,393	4,124	3,776	3,386
06/19/06	3,330	3,223	3,017	2,980	3,095	3,216	3,516	3,770	4,062	4,266	4,503	4,651	4,879	5,011	5,163	5,282	5,291	5,236	5,020	4,894	4,759	4,559	4,120	3,683
06/20/06	3,777	3,505	3,387	3,356	3,406	3,507	3,689	4,095	4,358	4,587	4,870	5,116	5,272	5,387	5,551	5,707	5,705	5,559	5,448	5,272	5,086	4,862	4,429	4,021
06/21/06	3,536	3,290	3,180	3,148	3,198	3,309	3,511	3,882	4,122	4,332	4,591	4,815	4,964	5,083	5,239	5,385	5,391	5,252	5,138	4,987	4,821	4,598	4,172	3,770
06/22/06	3,553	3,304	3,193	3,163	3,213	3,323	3,525	3,899	4,144	4,349	4,610	4,836	4,986	5,105	5,262	5,406	5,407	5,271	5,160	5,008	4,841	4,619	4,191	3,788
06/23/06	3,523	3,385	3,330	3,257	3,218	3,287	3,621	3,934	4,189	4,388	4,602	4,905	5,006	5,196	5,335	5,392	5,460	5,357	5,112	4,945	4,794	4,572	4,174	3,890
06/24/06	3,754	3,619	3,420	3,365	3,237	3,333	3,407	3,646	3,990	4,329	4,674	4,839	5,114	5,190	5,338	5,476	5,483	5,350	5,194	5,127	4,904	4,712	4,374	4,046
06/25/06	3,605	3,449	3,285	3,231	3,130	3,117	3,153	3,362	3,642	3,988	4,259	4,512	4,738	4,887	4,995	5,167	5,133	5,102	4,970	4,939	4,821	4,533	4,169	3,749
06/26/06	4,094	3,977	3,632	3,562	3,706	3,767	4,020	4,264	4,628	4,843	5,141	5,285	5,563	5,657	5,804	5,911	5,908	5,908	5,654	5,562	5,474	5,369	4,951	4,525
06/27/06	4,035	3,710	3,561	3,506	3,535	3,599	3,728	4,153	4,415	4,637	4,921	5,168	5,302	5,383	5,531	5,673	5,704	5,587	5,521	5,368	5,207	5,027	4,633	4,266
06/28/06	3,791	3,518	3,401	3,369	3,419	3,519	3,699	4,107	4,370	4,599	4,886	5,135	5,289	5,404	5,569	5,724	5,723	5,576	5,465	5,288	5,101	4,877	4,443	4,035
06/29/06	3,771	3,499	3,382	3,352	3,403	3,503	3,686	4,092	4,356	4,577	4,862	5,110	5,265	5,380	5,544	5,696	5,691	5,548	5,440	5,266	5,080	4,858	4,423	4,014
06/30/06	3,486	3,349	3,293	3,222	3,185	3,257	3,590	3,900	4,151	4,348	4,558	4,855	4,957	5,145	5,283	5,340	5,406	5,303	5,060	4,897	4,748	4,527	4,132	3,847

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
07/01/06	3,506	3,382	3,223	3,174	3,084	3,157	3,226	3,434	3,728	4,012	4,295	4,442	4,663	4,742	4,873	4,989	5,004	4,901	4,770	4,710	4,533	4,348	4,051	3,757
07/02/06	3,588	3,447	3,302	3,251	3,164	3,152	3,184	3,371	3,624	3,932	4,175	4,402	4,605	4,742	4,842	4,996	4,971	4,942	4,824	4,795	4,690	4,430	4,099	3,721
07/03/06	3,717	3,617	3,389	3,349	3,468	3,562	3,828	4,068	4,376	4,579	4,827	4,973	5,208	5,323	5,469	5,582	5,582	5,545	5,322	5,183	5,051	4,879	4,463	4,046
07/04/06	3,949	3,844	3,673	3,652	3,537	3,523	3,579	3,749	4,066	4,429	4,681	5,067	5,288	5,349	5,535	5,699	5,690	5,581	5,359	5,280	5,055	4,861	4,625	4,353
07/05/06	4,154	3,871	3,756	3,727	3,777	3,852	3,984	4,407	4,674	4,903	5,194	5,449	5,593	5,687	5,848	6,001	5,990	5,839	5,737	5,555	5,364	5,162	4,759	4,383
07/06/06	4,057	3,783	3,670	3,643	3,691	3,772	3,916	4,325	4,586	4,803	5,086	5,333	5,478	5,576	5,733	5,881	5,868	5,727	5,629	5,452	5,266	5,065	4,661	4,285
07/07/06	3,913	3,785	3,745	3,668	3,609	3,646	3,961	4,273	4,528	4,722	4,940	5,266	5,349	5,537	5,670	5,714	5,795	5,707	5,456	5,281	5,134	4,922	4,539	4,287
07/08/06	4,128	4,010	3,800	3,752	3,599	3,707	3,768	3,989	4,318	4,645	4,988	5,134	5,418	5,474	5,608	5,758	5,753	5,600	5,440	5,397	5,173	5,013	4,693	4,383
07/09/06	4,200	4,060	3,880	3,843	3,711	3,707	3,727	3,954	4,237	4,610	4,893	5,167	5,414	5,564	5,666	5,878	5,800	5,768	5,600	5,612	5,508	5,207	4,837	4,375
07/10/06	4,399	4,335	3,968	3,926	4,112	4,180	4,411	4,657	5,039	5,270	5,613	5,774	6,096	6,215	6,389	6,522	6,512	6,492	6,135	6,076	5,990	5,888	5,456	5,014
07/11/06	4,556	4,229	4,101	4,072	4,126	4,171	4,244	4,733	5,042	5,303	5,625	5,914	6,061	6,140	6,322	6,492	6,471	6,271	6,142	5,957	5,761	5,561	5,155	4,780
07/12/06	4,099	3,822	3,708	3,679	3,728	3,807	3,945	4,359	4,621	4,847	5,134	5,384	5,528	5,624	5,783	5,934	5,925	5,777	5,676	5,497	5,308	5,106	4,704	4,328
07/13/06	3,961	3,697	3,586	3,559	3,606	3,692	3,846	4,240	4,493	4,705	4,980	5,219	5,363	5,464	5,618	5,763	5,753	5,617	5,519	5,348	5,168	4,965	4,563	4,188
07/14/06	3,840	3,712	3,670	3,595	3,541	3,585	3,898	4,205	4,457	4,649	4,863	5,179	5,265	5,450	5,582	5,629	5,705	5,616	5,372	5,200	5,054	4,845	4,464	4,210
07/15/06	3,861	3,739	3,551	3,501	3,378	3,469	3,536	3,757	4,075	4,389	4,711	4,861	5,119	5,186	5,322	5,452	5,456	5,330	5,184	5,124	4,916	4,742	4,431	4,129
07/16/06	3,680	3,537	3,386	3,336	3,243	3,232	3,264	3,457	3,714	4,033	4,282	4,514	4,722	4,859	4,958	5,116	5,083	5,055	4,933	4,905	4,797	4,532	4,198	3,812
07/17/06	3,862	3,764	3,516	3,474	3,603	3,691	3,954	4,196	4,520	4,730	4,992	5,141	5,389	5,500	5,649	5,763	5,759	5,729	5,492	5,348	5,215	5,051	4,630	4,206
07/18/06	3,754	3,512	3,405	3,377	3,423	3,518	3,691	4,053	4,288	4,493	4,746	4,965	5,106	5,214	5,362	5,502	5,502	5,370	5,268	5,113	4,949	4,743	4,348	3,975
07/19/06	3,803	3,556	3,450	3,420	3,466	3,559	3,727	4,096	4,335	4,542	4,802	5,027	5,168	5,274	5,424	5,565	5,565	5,431	5,329	5,170	5,001	4,796	4,399	4,025
07/20/06	3,844	3,592	3,484	3,457	3,503	3,594	3,759	4,136	4,380	4,584	4,848	5,077	5,219	5,325	5,476	5,616	5,610	5,478	5,379	5,217	5,045	4,842	4,442	4,068
07/21/06	3,821	3,693	3,649	3,575	3,523	3,568	3,881	4,186	4,437	4,629	4,842	5,155	5,241	5,426	5,558	5,605	5,680	5,591	5,349	5,178	5,032	4,823	4,443	4,189
07/22/06	3,273	3,153	3,015	2,969	2,901	2,968	3,040	3,235	3,502	3,754	3,995	4,127	4,313	4,392	4,509	4,617	4,638	4,550	4,439	4,394	4,243	4,058	3,777	3,493
07/23/06	3,478	3,339	3,201	3,151	3,071	3,058	3,090	3,270	3,517	3,812	4,046	4,266	4,462	4,597	4,699	4,848	4,832	4,805	4,691	4,662	4,563	4,308	3,982	3,613
07/24/06	3,278	3,183	3,011	2,983	3,084	3,204	3,484	3,712	3,958	4,134	4,335	4,463	4,658	4,780	4,914	5,020	5,029	4,976	4,793	4,692	4,574	4,389	3,994	3,604
07/25/06	3,364	3,165	3,072	3,047	3,094	3,209	3,418	3,721	3,913	4,082	4,284	4,459	4,584	4,690	4,821	4,942	4,952	4,834	4,737	4,629	4,500	4,298	3,923	3,565
07/26/06	3,465	3,255	3,159	3,131	3,177	3,285	3,483	3,802	4,007	4,186	4,406	4,596	4,726	4,834	4,971	5,097	5,107	4,984	4,881	4,760	4,621	4,418	4,035	3,672
07/27/06	3,636	3,406	3,303	3,276	3,322	3,422	3,605	3,951	4,177	4,366	4,608	4,817	4,955	5,064	5,209	5,341	5,342	5,216	5,115	4,974	4,819	4,615	4,222	3,852
07/28/06	3,508	3,383	3,331	3,267	3,237	3,306	3,610	3,890	4,115	4,291	4,479	4,743	4,836	5,005	5,131	5,183	5,241	5,145	4,927	4,782	4,648	4,447	4,090	3,828
07/29/06	3,679	3,555	3,382	3,332	3,226	3,307	3,375	3,592	3,899	4,200	4,504	4,656	4,895	4,970	5,104	5,226	5,236	5,122	4,984	4,921	4,727	4,546	4,241	3,943
07/30/06	3,895	3,751	3,588	3,541	3,433	3,426	3,458	3,664	3,930	4,272	4,534	4,778	4,998	5,136	5,231	5,404	5,352	5,324	5,193	5,174	5,061	4,785	4,441	4,032
07/31/06	3,955	3,860	3,599	3,556	3,692	3,777	4,037	4,281	4,616	4,829	5,101	5,252	5,509	5,618	5,769	5,885	5,878	5,852	5,603	5,460	5,327	5,169	4,745	4,316
08/01/06	3,909	3,643	3,529	3,498	3,547	3,642	3,813	4,210	4,466	4,689	4,966	5,207	5,357	5,466	5,625	5,777	5,773	5,631	5,525	5,352	5,170	4,955	4,538	4,145
08/02/06	4,078	3,795	3,677	3,646	3,697	3,783	3,936	4,359	4,628	4,860	5,155	5,411	5,561	5,665	5,829	5,985	5,977	5,827	5,722	5,538	5,344	5,131	4,710	4,316
08/03/06	4,024	3,745	3,628	3,600	3,650	3,739	3,899	4,314	4,581	4,804	5,094	5,346	5,497	5,603	5,765	5,917	5,906	5,763	5,660	5,480	5,290	5,077	4,656	4,262
08/04/06	3,718	3,584	3,534	3,461	3,416	3,474	3,799	4,108	4,361	4,558	4,771	5,078	5,174	5,361	5,497	5,550	5,621	5,525	5,282	5,112	4,963	4,747	4,358	4,087
08/05/06	3,895	3,767	3,571	3,519	3,390	3,485	3,555	3,787	4,120	4,449	4,786	4,944	5,214	5,283	5,426	5,562	5,566	5,435	5,283	5,219	5,001	4,819	4,493	4,176
08/06/06	3,945	3,794	3,622	3,573	3,460	3,452	3,486	3,702	3,982	4,340	4,615	4,872	5,103	5,248	5,347	5,529	5,474	5,444	5,306	5,288	5,169	4,879	4,518	4,088
08/07/06	4,050	3,952	3,670	3,625	3,773	3,860	4,132	4,388	4,745	4,970	5,261	5,420	5,695	5,809	5,969	6,091	6,082	6,056	5,788	5,640	5,501	5,339	4,893	4,440
08/08/06	4,200	3,905	3,783	3,753	3,805	3,886	4,026	4,467	4,747	4,988	5,290	5,556	5,708	5,807	5,975	6,136	6,123	5,965	5,860	5,669	5,470	5,257	4,836	4,441
08/09/06	4,075	3,792	3,675	3,644	3,694	3,781	3,934	4,357	4,626	4,858	5,152	5,408	5,558	5,662	5,826	5,982	5,974	5,824	5,719	5,535	5,341	5,128	4,708	4,314
08/10/06	4,821	4,425	4,258	4,201	4,234	4,227	4,232	4,761	5,092	5,357	5,691	5,993	6,125	6,175	6,361	6,522	6,521	6,318	6,196	6,061	5,911	5,751	5,366	5,024
08/11/06	4,500	4,345	4,306	4,183	4,049	4,000	4,302	4,634	4,893	5,077	5,307	5,698	5,731	5,929	6,066	6,066	6,167	6,101	5,804	5,667	5,570	5,375	5,008	4,812
08/12/06	3,870	3,741	3,547	3,495	3,368	3,462	3,533	3,764	4,095	4,423	4,758	4,916	5,183	5,254	5,397	5,531	5,536	5,407	5,256	5,192	4,975	4,792	4,467	4,151
08/13/06	4,122	3,973	3,792	3,748	3,621	3,616	3,646	3,873	4,162	4,538	4,824	5,095	5,340	5,489	5,589	5,790	5,719	5,689	5,535	5,531	5,415	5,113	4,739	4,282
08/14/06	4,069	3,972	3,687	3,642	3,791	3,878	4,149	4,405	4,765	4,991	5,284	5,443	5,720	5,834	5,994	6,117	6,107	6,082	5,811	5,664	5,525	5,364	4,917	4,464
08/15/06	4,153	3,862	3,741	3,712	3,763	3,846	3,992	4,426	4,702	4,940	5,238	5,499	5,651	5,752	5,918	6,078	6,067	5,912	5,807	5,619	5,422	5,208	4,788	4,393
08/16/06	4,155	3,864	3,745	3,714	3,766	3,848	3,992	4,427	4,703	4,940	5,241	5,503	5,654	5,754	5,921	6,080	6,070	5,915	5,809	5,621	5,423	5,211	4,789	4,395
08/17/06	4,023	3,744	3,628	3,599	3,649	3,738	3,898	4,314	4,581	4,803	5,093	5,345	5,496	5,602	5,764	5,916	5,905	5,762	5,659	5,479	5,289	5,077	4,655	4,261
08/18/06	3,777	3,643	3,595	3,520	3,471	3,525	3,851	4,165	4,422	4,621	4,839	5,155	5,249	5,439	5,576	5,628	5,702	5,607	5,359	5,185	5,035	4,817	4,424	4,155
08/19/06	3,862	3,734	3,540	3,488	3,362	3,456	3,526	3,757	4,088	4,415	4,750	4,907	5,174	5,245	5,388	5,522	5,528	5,398	5,248	5,183	4,967	4,784	4,459	4,143
08/20/06	3,827	3,676	3,511	3,460	3,355	3,344	3,379	3,588	3,863	4,209	4,477	4,727	4,951	5,095	5,196	5,369	5,324	5,295	5,163	5,138	5,021	4,738	4,382	3,966
08/21/06	3,892	3,789	3,531	3,487	3,622	3,714	3,989	4,243	4,582	4,802	5,075	5,231	5,490	5,607	5,763	5,882	5,879	5,847	5,599	5,449	5,309	5,137	4,696	4,251
08/22/06	3,582	3,351	3,245	3,216	3,264	3,373	3,573	3,921	4,148	4,346	4,587	4,796	4,938	5,053	5,201	5,339	5,345	5,213	5,105	4,965	4,811	4,596	4,190	3,805
08/23/06	3,880	3,618	3,505	3,474	3,522	3,618	3,790	4,183	4,437	4,657	4,933	5,172	5,321	5,431	5,589	5,739	5,737	5,596	5,489	5,319	5,139	4,924	4,507	4,115
08/24/06	4,013	3,735	3,619	3,590	3,640	3,730	3,890	4,304	4,571	4,793	5,081	5,333	5,484	5,590	5,752	5,903	5,893	5,750	5,647	5,468	5,278	5,066	4,644	4,251
08/25/06	3,711	3,578	3,528	3,455	3,411	3,469	3,793	4,102	4,355	4,551	4,764	5,070	5,166	5,353	5,489	5,542	5,613	5,516	5,274	5,104	4,956	4,740	4,351	4,080
08/26/06	3,551	3,421	3,252	3,200	3,104	3,181	3,253	3,473	3,783	4,084	4,382	4,538	4,771	4,855	4,992	5,115	5,130	5,020	4,882	4,818	4,630	4,437	4,124	3,816
08/27/06	3,533	3,386	3,239	3,187	3,101	3,087	3,120	3,312	3,572	3,886	4,134	4,366	4,574	4,717	4,823	4,981	4,961	4,932	4,812	4,780	4,675	4,406	4,063	3,674
08/28/06	3,387	3,286	3,093	3,060	3,168	3,288	3,577	3,820	4,093	4,286	4,509	4,649	4,864	4,991	5,136	5,249	5,258	5,204	5,001	4,884	4,757	4,564	4,144	3,728
08/29/06	3,342	3,137	3,042	3,016	3,066	3,190	3,412	3,724	3,920	4,091	4,297	4,475	4,602	4,712	4,847	4,971	4,982	4,861	4,761	4,654	4,522	4,312	3,922	3,549
08/30/06	3,613	3,378	3,273	3,243	3,290	3,397	3,593	3,947	4,176	4,376	4,623	4,836	4,979	5,093	5,242	5,381	5,388	5,255	5,146	5,003	4,845	4,631	4,222	3,836
08/31/06	3,665	3,423	3,316	3,288	3,336	3,440	3,633	3,995	4,231	4,430	4,683	4,902	5,047	5,161	5,313	5,451	5,452	5,321	5,215	5,067	4,904	4,691	4,279	3,891

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
09/01/06	3,129	2,996	2,938	2,875	2,853	2,942	3,273	3,562	3,788	3,966	4,155	4,413	4,512	4,686	4,818	4,874	4,929	4,821	4,599	4,460	4,322	4,107	3,731	3,445
09/02/06	3,139	3,005	2,843	2,791	2,706	2,781	2,858	3,079	3,386	3,679	3,964	4,119	4,341	4,430	4,566	4,689	4,709	4,605	4,472	4,413	4,235	4,031	3,714	3,397
09/03/06	3,377	3,221	3,062	3,007	2,911	2,897	2,933	3,138	3,415	3,754	4,020	4,269	4,492	4,642	4,752	4,920	4,893	4,862	4,732	4,700	4,585	4,300	3,937	3,522
09/04/06	3,220	3,080	2,920	2,879	2,792	2,781	2,826	3,004	3,332	3,701	3,956	4,261	4,456	4,550	4,733	4,902	4,951	4,884	4,692	4,649	4,472	4,240	3,907	3,567
09/05/06	3,518	3,257	3,141	3,110	3,160	3,266	3,459	3,850	4,105	4,327	4,600	4,837	4,991	5,109	5,270	5,423	5,424	5,280	5,168	5,002	4,825	4,599	4,167	3,759
09/06/06	3,888	3,589	3,466	3,435	3,488	3,578	3,736	4,183	4,467	4,713	5,024	5,294	5,453	5,560	5,734	5,899	5,888	5,729	5,618	5,422	5,217	4,993	4,552	4,138
09/07/06	3,525	3,262	3,147	3,117	3,167	3,273	3,465	3,859	4,115	4,330	4,606	4,846	5,000	5,118	5,280	5,428	5,426	5,286	5,176	5,010	4,832	4,609	4,174	3,766
09/08/06	3,562	3,421	3,372	3,292	3,240	3,295	3,637	3,966	4,237	4,446	4,674	5,008	5,105	5,305	5,449	5,502	5,581	5,482	5,221	5,038	4,880	4,652	4,240	3,959
09/09/06	3,580	3,445	3,247	3,192	3,066	3,161	3,235	3,475	3,819	4,157	4,502	4,667	4,941	5,018	5,167	5,305	5,312	5,181	5,025	4,957	4,735	4,541	4,203	3,873
09/10/06	3,773	3,616	3,434	3,383	3,261	3,254	3,289	3,518	3,813	4,193	4,484	4,757	5,002	5,154	5,258	5,453	5,390	5,359	5,211	5,196	5,072	4,765	4,384	3,927
09/11/06	3,544	3,435	3,181	3,136	3,269	3,371	3,662	3,926	4,266	4,491	4,765	4,926	5,186	5,312	5,473	5,596	5,596	5,557	5,309	5,156	5,011	4,824	4,366	3,908
09/12/06	3,647	3,372	3,253	3,222	3,272	3,374	3,555	3,965	4,231	4,461	4,748	4,997	5,153	5,269	5,433	5,591	5,588	5,440	5,330	5,152	4,964	4,738	4,303	3,893
09/13/06	3,455	3,201	3,088	3,056	3,106	3,214	3,412	3,794	4,042	4,258	4,526	4,758	4,910	5,028	5,188	5,337	5,341	5,200	5,086	4,927	4,754	4,530	4,099	3,693
09/14/06	3,520	3,257	3,142	3,113	3,163	3,269	3,462	3,854	4,110	4,325	4,601	4,839	4,993	5,112	5,273	5,422	5,420	5,280	5,169	5,005	4,827	4,603	4,169	3,761
09/15/06	3,494	3,354	3,302	3,225	3,178	3,238	3,577	3,902	4,168	4,374	4,598	4,921	5,021	5,218	5,360	5,415	5,490	5,389	5,134	4,956	4,800	4,574	4,165	3,883
09/16/06	3,452	3,316	3,128	3,073	2,959	3,047	3,122	3,358	3,693	4,022	4,353	4,519	4,779	4,862	5,009	5,142	5,153	5,030	4,880	4,810	4,599	4,400	4,067	3,740
09/17/06	3,331	3,176	3,020	2,965	2,872	2,858	2,893	3,096	3,371	3,704	3,967	4,213	4,432	4,582	4,693	4,860	4,836	4,805	4,677	4,644	4,532	4,249	3,888	3,477
09/18/06	3,347	3,238	3,010	2,969	3,091	3,202	3,499	3,758	4,074	4,290	4,545	4,700	4,944	5,075	5,232	5,353	5,358	5,310	5,079	4,937	4,796	4,600	4,151	3,702
09/19/06	3,503	3,243	3,128	3,097	3,147	3,254	3,448	3,837	4,090	4,311	4,582	4,818	4,972	5,090	5,251	5,403	5,405	5,262	5,149	4,984	4,808	4,583	4,152	3,744
09/20/06	3,460	3,205	3,092	3,060	3,110	3,218	3,415	3,798	4,046	4,263	4,532	4,764	4,916	5,034	5,194	5,343	5,348	5,206	5,092	4,933	4,759	4,535	4,104	3,698
09/21/06	3,128	2,909	2,808	2,782	2,834	2,960	3,188	3,522	3,734	3,911	4,136	4,329	4,465	4,581	4,725	4,854	4,862	4,736	4,631	4,515	4,373	4,155	3,740	3,347
09/22/06	3,222	3,086	3,028	2,961	2,932	3,014	3,346	3,646	3,884	4,072	4,272	4,549	4,650	4,831	4,967	5,025	5,084	4,978	4,745	4,594	4,450	4,232	3,846	3,559
09/23/06	2,811	2,690	2,562	2,519	2,468	2,545	2,635	2,831	3,090	3,320	3,528	3,642	3,799	3,870	3,973	4,077	4,103	4,032	3,948	3,924	3,784	3,592	3,307	3,013
09/24/06	2,684	2,563	2,460	2,424	2,382	2,391	2,440	2,604	2,818	3,036	3,203	3,363	3,502	3,607	3,694	3,814	3,833	3,838	3,790	3,803	3,730	3,494	3,179	2,827
09/25/06	3,162	3,055	2,851	2,815	2,930	3,053	3,355	3,609	3,899	4,103	4,339	4,487	4,714	4,847	4,999	5,118	5,127	5,071	4,857	4,732	4,597	4,396	3,955	3,518
09/26/06	3,022	2,816	2,720	2,694	2,748	2,883	3,123	3,438	3,632	3,802	4,005	4,181	4,309	4,420	4,556	4,681	4,694	4,571	4,472	4,371	4,239	4,022	3,619	3,234
09/27/06	2,799	2,624	2,544	2,525	2,585	2,743	3,012	3,290	3,437	3,565	3,723	3,858	3,959	4,050	4,164	4,266	4,280	4,181	4,115	4,052	3,938	3,734	3,356	2,992
09/28/06	3,090	2,875	2,776	2,750	2,803	2,931	3,164	3,492	3,698	3,870	4,088	4,276	4,409	4,524	4,665	4,791	4,800	4,676	4,574	4,464	4,325	4,108	3,696	3,306
09/29/06	2,791	2,676	2,625	2,581	2,587	2,716	3,053	3,299	3,457	3,576	3,705	3,880	3,950	4,080	4,183	4,225	4,261	4,166	4,008	3,926	3,812	3,622	3,298	3,023
09/30/06	2,490	2,402	2,322	2,304	2,295	2,402	2,534	2,703	2,887	3,015	3,099	3,118	3,167	3,167	3,201	3,256	3,281	3,285	3,317	3,350	3,245	3,096	2,869	2,626
10/01/06	2,368	2,279	2,212	2,198	2,186	2,234	2,315	2,457	2,614	2,744	2,821	2,887	2,945	2,980	3,010	3,080	3,102	3,157	3,212	3,281	3,220	3,031	2,769	2,468
10/02/06	2,398	2,330	2,227	2,226	2,333	2,528	2,868	3,065	3,196	3,285	3,393	3,449	3,557	3,639	3,722	3,792	3,802	3,780	3,713	3,700	3,602	3,424	3,072	2,722
10/03/06	2,582	2,433	2,366	2,356	2,422	2,599	2,889	3,132	3,237	3,326	3,440	3,537	3,612	3,682	3,770	3,852	3,862	3,790	3,764	3,729	3,627	3,439	3,094	2,757
10/04/06	2,636	2,478	2,408	2,393	2,457	2,623	2,902	3,156	3,276	3,379	3,511	3,622	3,706	3,784	3,882	3,970	3,983	3,900	3,857	3,812	3,707	3,515	3,159	2,815
10/05/06	2,663	2,500	2,426	2,413	2,475	2,638	2,912	3,173	3,303	3,406	3,546	3,664	3,753	3,835	3,938	4,026	4,035	3,951	3,904	3,855	3,748	3,555	3,193	2,845
10/06/06	2,708	2,597	2,547	2,505	2,511	2,639	2,969	3,208	3,359	3,474	3,598	3,766	3,834	3,960	4,059	4,099	4,133	4,042	3,890	3,812	3,701	3,516	3,201	2,933
10/07/06	2,739	2,622	2,496	2,454	2,403	2,478	2,566	2,757	3,011	3,237	3,441	3,553	3,707	3,777	3,878	3,980	4,005	3,936	3,853	3,828	3,692	3,504	3,225	2,937
10/08/06	2,685	2,561	2,453	2,414	2,365	2,367	2,409	2,574	2,795	3,027	3,208	3,381	3,532	3,647	3,740	3,867	3,882	3,878	3,812	3,814	3,739	3,500	3,183	2,830
10/09/06	2,846	2,749	2,579	2,552	2,658	2,797	3,101	3,340	3,584	3,761	3,963	4,091	4,288	4,416	4,554	4,664	4,675	4,617	4,435	4,342	4,220	4,021	3,607	3,198
10/10/06	2,993	2,786	2,690	2,663	2,714	2,842	3,071	3,387	3,585	3,758	3,966	4,146	4,275	4,386	4,523	4,649	4,661	4,537	4,436	4,330	4,196	3,982	3,584	3,204
10/11/06	2,994	2,787	2,692	2,664	2,715	2,842	3,070	3,387	3,584	3,756	3,966	4,147	4,275	4,386	4,524	4,648	4,661	4,538	4,436	4,330	4,196	3,982	3,584	3,204
10/12/06	3,097	2,882	2,787	2,765	2,821	2,946	3,170	3,508	3,727	3,911	4,142	4,342	4,483	4,603	4,752	4,885	4,898	4,762	4,646	4,515	4,361	4,136	3,717	3,320
10/13/06	2,869	2,747	2,692	2,639	2,631	2,737	3,060	3,321	3,511	3,658	3,815	4,027	4,113	4,263	4,381	4,430	4,474	4,371	4,181	4,073	3,951	3,751	3,409	3,132
10/14/06	2,648	2,538	2,423	2,386	2,346	2,426	2,522	2,706	2,942	3,144	3,319	3,411	3,540	3,597	3,683	3,776	3,801	3,747	3,687	3,677	3,551	3,371	3,105	2,828
10/15/06	2,482	2,378	2,294	2,268	2,241	2,267	2,328	2,479	2,665	2,839	2,963	3,078	3,179	3,253	3,314	3,411	3,433	3,460	3,457	3,495	3,431	3,219	2,931	2,607
10/16/06	2,434	2,363	2,254	2,250	2,356	2,544	2,880	3,083	3,226	3,326	3,446	3,511	3,631	3,720	3,811	3,886	3,897	3,868	3,785	3,764	3,665	3,483	3,123	2,766
10/17/06	2,563	2,417	2,353	2,343	2,411	2,591	2,884	3,124	3,223	3,306	3,415	3,507	3,578	3,644	3,730	3,808	3,818	3,749	3,730	3,698	3,598	3,412	3,070	2,736
10/18/06	2,533	2,392	2,332	2,324	2,394	2,578	2,878	3,112	3,199	3,272	3,374	3,458	3,522	3,582	3,662	3,734	3,744	3,683	3,673	3,649	3,549	3,368	3,031	2,702
10/19/06	2,525	2,385	2,325	2,320	2,390	2,577	2,879	3,112	3,199	3,263	3,363	3,445	3,507	3,567	3,645	3,713	3,719	3,663	3,659	3,636	3,537	3,358	3,021	2,693
10/20/06	2,580	2,480	2,437	2,406	2,426	2,577	2,918	3,136	3,251	3,331	3,423	3,550	3,596	3,696	3,775	3,804	3,830	3,755	3,647	3,595	3,493	3,326	3,037	2,779
10/21/06	2,367	2,290	2,223	2,211	2,212	2,326	2,466	2,627	2,791	2,892	2,947	2,940	2,963	2,942	2,959	2,999	3,021	3,045	3,108	3,152	3,055	2,920	2,714	2,489
10/22/06	2,284	2,210	2,158	2,155	2,157	2,228	2,330	2,465	2,594	2,682	2,716	2,732	2,747	2,743	2,739	2,782	2,800	2,885	2,999	3,097	3,038	2,871	2,634	2,357
10/23/06	2,228	2,181	2,116	2,131	2,245	2,477	2,846	3,008	3,062	3,078	3,114	3,105	3,144	3,168	3,198	3,226	3,230	3,263	3,302	3,331	3,242	3,093	2,792	2,486
10/24/06	2,361	2,252	2,213	2,221	2,304	2,530	2,875	3,070	3,090	3,099	3,138	3,165	3,186	3,207	3,246	3,286	3,286	3,276	3,347	3,357	3,263	3,104	2,808	2,511
10/25/06	2,350	2,244	2,208	2,216	2,300	2,528	2,875	3,069	3,082	3,086	3,123	3,147	3,163	3,181	3,217	3,254	3,255	3,248	3,325	3,338	3,243	3,087	2,793	2,499
10/26/06	2,302	2,204	2,175	2,191	2,281	2,524	2,888	3,070	3,062	3,036	3,052	3,057	3,059	3,062	3,084	3,106	3,098	3,115	3,226	3,250	3,155	3,009	2,727	2,444
10/27/06	2,295	2,232	2,218	2,217	2,275	2,499	2,890	3,058	3,066	3,043	3,040	3,055	3,028	3,048	3,055	3,046	3,051	3,048	3,089	3,102	3,019	2,908	2,691	2,473
10/28/06	2,221	2,172	2,137	2,147	2,176	2,322	2,504	2,654	2,767	2,798	2,766	2,680	2,624	2,533	2,496	2,487	2,504	2,596	2,762	2,842	2,754	2,659	2,497	2,316
10/29/06	2,234	2,162	2,120	2,123	2,148	2,229	2,346	2,491	2,602	2,663	2,676	2,650	2,616	2,546	2,496	2,467	2,514	2,654	2,812	2,872	2,822	2,709	2,505	2,291
10/30/06	2,357	2,301	2,308	2,336	2,472	2,772	3,221	3,434	3,353	3,254	3,157	3,034	2,963	2,936	2,859	2,864	2,864	3,013	3,267	3,277	3,246	3,118	2,846	2,580
10/31/06	2,295	2,246	2,197	2,217	2,301	2,595	2,975	3,148	3,109	3,027	2,973	2,925	2,862	2,847	2,799	2,787	2,800	2,918	3,110	3,128	3,077	2,958	2,723	2,461

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
11/01/06	2,246	2,173	2,159	2,181	2,276	2,533	2,907	3,060	3,007	2,950	2,929	2,900	2,874	2,850	2,845	2,848	2,838	2,886	3,045	3,083	2,990	2,865	2,622	2,373
11/02/06	2,272	2,191	2,172	2,193	2,285	2,533	2,898	3,059	3,023	2,974	2,965	2,949	2,933	2,919	2,922	2,930	2,919	2,957	3,099	3,132	3,041	2,911	2,658	2,402
11/03/06	2,248	2,199	2,195	2,204	2,270	2,506	2,898	3,045	3,021	2,968	2,937	2,920	2,871	2,865	2,848	2,828	2,827	2,850	2,938	2,967	2,891	2,803	2,617	2,421
11/04/06	2,204	2,167	2,145	2,162	2,198	2,348	2,537	2,677	2,769	2,775	2,717	2,608	2,528	2,417	2,363	2,338	2,351	2,464	2,657	2,744	2,663	2,585	2,446	2,289
11/05/06	2,224	2,172	2,141	2,152	2,171	2,269	2,396	2,516	2,604	2,637	2,612	2,563	2,521	2,463	2,412	2,416	2,427	2,547	2,736	2,867	2,809	2,679	2,486	2,253
11/06/06	2,203	2,167	2,120	2,140	2,253	2,490	2,856	2,994	3,013	2,994	2,997	2,958	2,963	2,957	2,961	2,968	2,968	3,028	3,116	3,158	3,076	2,948	2,684	2,411
11/07/06	2,316	2,226	2,199	2,213	2,299	2,533	2,882	3,053	3,040	3,020	3,030	3,031	3,031	3,032	3,050	3,073	3,069	3,084	3,192	3,215	3,125	2,984	2,720	2,452
11/08/06	2,316	2,226	2,200	2,214	2,300	2,533	2,881	3,053	3,039	3,018	3,030	3,032	3,031	3,031	3,049	3,072	3,068	3,084	3,191	3,214	3,123	2,984	2,719	2,451
11/09/06	2,351	2,252	2,220	2,232	2,315	2,537	2,875	3,056	3,062	3,051	3,079	3,095	3,106	3,117	3,146	3,175	3,170	3,174	3,261	3,278	3,188	3,044	2,767	2,490
11/10/06	2,434	2,357	2,330	2,315	2,353	2,532	2,880	3,062	3,118	3,143	3,184	3,248	3,257	3,313	3,354	3,363	3,377	3,338	3,306	3,291	3,205	3,072	2,833	2,606
11/11/06	2,249	2,202	2,168	2,177	2,203	2,341	2,514	2,657	2,767	2,798	2,770	2,691	2,640	2,555	2,521	2,514	2,530	2,616	2,771	2,846	2,763	2,670	2,515	2,341
11/12/06	2,311	2,239	2,188	2,185	2,186	2,252	2,348	2,477	2,602	2,689	2,724	2,743	2,760	2,758	2,757	2,799	2,818	2,896	3,001	3,093	3,036	2,876	2,648	2,382
11/13/06	2,270	2,223	2,156	2,168	2,276	2,492	2,840	3,000	3,062	3,087	3,132	3,132	3,179	3,211	3,247	3,280	3,285	3,308	3,330	3,352	3,267	3,120	2,826	2,528
11/14/06	2,317	2,270	2,224	2,243	2,323	2,603	2,966	3,131	3,094	3,015	2,964	2,918	2,857	2,843	2,797	2,786	2,798	2,911	3,095	3,112	3,062	2,949	2,725	2,476
11/15/06	2,412	2,364	2,339	2,382	2,463	2,739	3,150	3,343	3,288	3,174	3,091	3,027	2,960	2,925	2,906	2,866	2,888	2,991	3,171	3,210	3,151	3,020	2,799	2,546
11/16/06	2,282	2,199	2,178	2,198	2,288	2,533	2,894	3,057	3,028	2,984	2,980	2,968	2,956	2,945	2,953	2,963	2,953	2,987	3,120	3,152	3,061	2,929	2,673	2,413
11/17/06	2,237	2,190	2,187	2,198	2,266	2,506	2,901	3,046	3,017	2,959	2,922	2,901	2,847	2,838	2,817	2,794	2,793	2,820	2,916	2,948	2,872	2,788	2,605	2,412
11/18/06	2,199	2,163	2,142	2,160	2,197	2,349	2,540	2,680	2,770	2,773	2,712	2,599	2,517	2,402	2,346	2,319	2,332	2,447	2,645	2,733	2,652	2,576	2,439	2,283
11/19/06	2,200	2,154	2,129	2,146	2,171	2,281	2,420	2,537	2,611	2,625	2,579	2,505	2,442	2,363	2,293	2,283	2,291	2,426	2,645	2,791	2,732	2,613	2,433	2,211
11/20/06	2,292	2,242	2,240	2,274	2,370	2,640	3,104	3,274	3,225	3,119	3,081	2,998	2,951	2,933	2,901	2,886	2,900	2,999	3,141	3,173	3,103	2,984	2,733	2,475
11/21/06	2,411	2,364	2,337	2,381	2,462	2,739	3,150	3,343	3,290	3,176	3,090	3,026	2,960	2,926	2,906	2,867	2,887	2,990	3,171	3,210	3,151	3,019	2,799	2,546
11/22/06	2,368	2,325	2,281	2,305	2,392	2,689	3,068	3,242	3,189	3,088	3,023	2,966	2,895	2,876	2,825	2,812	2,826	2,953	3,148	3,162	3,116	3,006	2,778	2,527
11/23/06	2,356	2,333	2,365	2,378	2,490	2,711	3,028	3,188	3,252	3,128	3,041	2,952	2,843	2,791	2,733	2,703	2,745	2,886	3,146	3,113	3,007	2,951	2,711	2,470
11/24/06	2,356	2,335	2,367	2,379	2,489	2,707	3,024	3,184	3,250	3,133	3,043	2,951	2,842	2,790	2,734	2,707	2,751	2,890	3,147	3,114	3,008	2,961	2,728	2,488
11/25/06	2,591	2,516	2,515	2,539	2,596	2,733	2,953	3,181	3,262	3,227	3,125	2,986	2,884	2,776	2,701	2,660	2,691	2,855	3,102	3,101	3,044	2,960	2,826	2,647
11/26/06	2,629	2,581	2,563	2,603	2,655	2,786	2,964	3,185	3,265	3,231	3,145	3,016	2,908	2,788	2,713	2,666	2,736	2,943	3,196	3,247	3,199	3,105	2,902	2,677
11/27/06	2,630	2,547	2,554	2,570	2,703	2,979	3,430	3,656	3,574	3,440	3,306	3,138	3,037	2,993	2,898	2,930	2,971	3,205	3,513	3,483	3,472	3,352	3,102	2,855
11/28/06	2,707	2,660	2,602	2,630	2,718	3,065	3,471	3,668	3,570	3,373	3,216	3,094	2,965	2,922	2,842	2,832	2,872	3,122	3,423	3,424	3,405	3,321	3,099	2,843
11/29/06	2,612	2,561	2,503	2,525	2,610	2,943	3,340	3,529	3,440	3,264	3,131	3,027	2,914	2,879	2,809	2,800	2,835	3,056	3,333	3,340	3,318	3,229	3,008	2,756
11/30/06	2,468	2,429	2,389	2,424	2,522	2,846	3,247	3,439	3,366	3,222	3,126	3,047	2,957	2,929	2,866	2,849	2,860	3,021	3,244	3,253	3,213	3,108	2,876	2,620
12/01/06	2,662	2,618	2,608	2,648	2,802	3,080	3,593	3,838	3,728	3,567	3,439	3,266	3,177	3,123	3,017	2,984	3,021	3,125	3,386	3,399	3,314	3,272	3,101	2,872
12/02/06	2,762	2,680	2,681	2,710	2,777	2,929	3,178	3,436	3,528	3,480	3,356	3,192	3,072	2,948	2,861	2,813	2,848	3,041	3,322	3,312	3,249	3,157	3,011	2,816
12/03/06	2,705	2,649	2,629	2,669	2,722	2,862	3,053	3,284	3,369	3,335	3,249	3,119	3,009	2,885	2,808	2,759	2,831	3,049	3,317	3,375	3,320	3,221	3,002	2,761
12/04/06	2,727	2,664	2,694	2,733	2,902	3,233	3,750	4,027	3,927	3,765	3,604	3,413	3,291	3,235	3,121	3,140	3,161	3,382	3,704	3,676	3,654	3,514	3,232	2,948
12/05/06	2,836	2,808	2,771	2,825	2,948	3,351	3,822	4,062	3,946	3,726	3,551	3,412	3,265	3,209	3,113	3,091	3,120	3,368	3,677	3,669	3,634	3,526	3,270	2,976
12/06/06	2,940	2,918	2,882	2,941	3,067	3,484	3,965	4,213	4,086	3,845	3,651	3,495	3,330	3,266	3,161	3,135	3,171	3,449	3,779	3,764	3,732	3,629	3,369	3,071
12/07/06	3,095	3,053	2,979	3,016	3,117	3,533	4,020	4,237	4,108	3,852	3,661	3,493	3,322	3,273	3,168	3,150	3,206	3,546	3,913	3,895	3,885	3,813	3,551	3,260
12/08/06	3,081	3,009	2,973	3,000	3,160	3,411	3,889	4,145	4,053	3,833	3,630	3,407	3,267	3,191	3,048	3,039	3,125	3,375	3,677	3,673	3,596	3,607	3,463	3,203
12/09/06	2,997	2,910	2,920	2,958	3,037	3,185	3,430	3,710	3,830	3,788	3,653	3,463	3,322	3,175	3,071	3,014	3,054	3,324	3,616	3,552	3,492	3,403	3,253	3,057
12/10/06	2,728	2,673	2,653	2,694	2,749	2,890	3,083	3,319	3,405	3,370	3,280	3,146	3,032	2,905	2,825	2,775	2,849	3,071	3,343	3,400	3,347	3,246	3,025	2,782
12/11/06	2,758	2,694	2,726	2,767	2,938	3,269	3,789	4,068	3,967	3,804	3,641	3,446	3,322	3,264	3,147	3,168	3,194	3,425	3,750	3,715	3,693	3,551	3,267	2,983
12/12/06	2,745	2,713	2,673	2,722	2,840	3,229	3,691	3,922	3,817	3,618	3,466	3,344	3,215	3,167	3,080	3,061	3,084	3,306	3,592	3,590	3,552	3,439	3,185	2,895
12/13/06	2,803	2,773	2,737	2,788	2,909	3,306	3,773	4,011	3,897	3,684	3,520	3,388	3,246	3,193	3,101	3,078	3,106	3,345	3,645	3,639	3,603	3,494	3,238	2,945
12/14/06	2,741	2,707	2,668	2,718	2,836	3,223	3,685	3,917	3,814	3,609	3,461	3,342	3,212	3,165	3,080	3,056	3,076	3,300	3,587	3,586	3,548	3,438	3,180	2,891
12/15/06	2,649	2,604	2,593	2,632	2,786	3,063	3,573	3,814	3,706	3,549	3,425	3,256	3,170	3,117	3,013	2,982	3,017	3,117	3,373	3,389	3,304	3,262	3,090	2,861
12/16/06	2,679	2,595	2,591	2,614	2,672	2,820	3,053	3,293	3,384	3,359	3,261	3,124	3,021	2,910	2,832	2,790	2,824	2,990	3,250	3,259	3,196	3,101	2,950	2,751
12/17/06	2,567	2,504	2,480	2,509	2,552	2,682	2,854	3,056	3,137	3,121	3,066	2,974	2,891	2,792	2,728	2,685	2,748	2,941	3,175	3,236	3,177	3,084	2,871	2,642
12/18/06	2,453	2,393	2,397	2,424	2,562	2,869	3,330	3,542	3,466	3,377	3,288	3,171	3,104	3,080	3,004	3,009	3,008	3,155	3,412	3,423	3,387	3,252	2,966	2,689
12/19/06	2,496	2,449	2,401	2,429	2,527	2,861	3,284	3,479	3,417	3,300	3,221	3,153	3,072	3,050	2,992	2,978	2,992	3,137	3,357	3,371	3,322	3,200	2,950	2,671
12/20/06	2,473	2,425	2,377	2,402	2,497	2,823	3,239	3,430	3,374	3,265	3,195	3,134	3,057	3,037	2,981	2,967	2,982	3,120	3,333	3,349	3,298	3,176	2,926	2,648
12/21/06	2,528	2,475	2,446	2,496	2,585	2,890	3,344	3,559	3,501	3,368	3,276	3,207	3,133	3,096	3,075	3,028	3,047	3,164	3,366	3,410	3,344	3,201	2,956	2,676
12/22/06	2,359	2,303	2,297	2,305	2,376	2,633	3,062	3,226	3,205	3,152	3,122	3,109	3,059	3,057	3,043	3,022	3,022	3,043	3,131	3,161	3,076	2,976	2,767	2,549
12/23/06	2,279	2,242	2,224	2,246	2,291	2,463	2,679	2,832	2,926	2,920	2,842	2,708	2,606	2,471	2,402	2,365	2,378	2,515	2,747	2,848	2,759	2,680	2,535	2,369
12/24/06	2,543	2,513	2,485	2,513	2,563	2,717	2,931	3,132	3,221	3,165	3,059	2,925	2,821	2,751	2,667	2,621	2,681	2,863	3,178	3,185	3,146	2,994	2,782	2,550
12/25/06	2,474	2,452	2,488	2,504	2,628	2,873	3,223	3,397	3,465	3,334	3,237	3,118	2,997	2,946	2,882	2,852	2,902	3,055	3,338	3,301	3,184	3,119	2,854	2,592
12/26/06	2,484	2,437	2,388	2,415	2,511	2,842	3,262	3,455	3,396	3,283	3,208	3,143	3,064	3,044	2,986	2,973	2,987	3,129	3,345	3,360	3,310	3,188	2,938	2,660
12/27/06	2,528	2,476	2,448	2,495	2,584	2,889	3,342	3,556	3,495	3,369	3,277	3,207	3,133	3,095	3,074	3,030	3,053	3,167	3,366	3,409	3,343	3,199	2,955	2,676
12/28/06	2,536	2,490	2,444	2,477	2,580	2,924	3,357	3,560	3,490	3,350	3,262	3,186	3,098	3,072	3,009	2,991	3,003	3,163	3,395	3,408	3,361	3,243	2,989	2,708
12/29/06	2,588	2,539	2,526	2,558	2,705	2,976	3,473	3,695	3,598	3,459	3,355	3,206	3,135	3,093	2,998	2,970	2,999	3,077	3,313	3,339	3,255	3,209	3,035	2,805
12/30/06	2,632	2,547	2,539	2,558	2,612	2,756	2,979	3,207	3,301	3,291	3,210	3,089	2,996	2,892	2,820	2,781	2,814	2,968	3,214	3,230	3,167	3,069	2,915	2,714
12/31/06	2,601	2,540	2,517	2,548	2,594	2,728	2,905	3,115	3,195	3,173	3,110	3,007	2,917	2,812	2,744	2,700	2,766	2,964	3,208	3,268	3,210	3,116	2,902	2,671

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
01/01/07	2,712	2,652	2,630	2,669	2,720	2,864	3,054	3,278	3,361	3,330	3,252	3,110	3,004	2,892	2,818	2,771	2,841	3,055	3,317	3,379	3,323	3,227	3,008	2,772
01/02/07	2,701	2,661	2,617	2,658	2,772	3,150	3,609	3,831	3,739	3,569	3,445	3,344	3,233	3,196	3,120	3,103	3,122	3,314	3,576	3,582	3,539	3,419	3,160	2,868
01/03/07	2,701	2,662	2,620	2,659	2,773	3,149	3,609	3,831	3,738	3,567	3,445	3,345	3,234	3,196	3,120	3,102	3,122	3,314	3,576	3,582	3,538	3,419	3,160	2,868
01/04/07	2,772	2,735	2,695	2,743	2,862	3,252	3,720	3,953	3,852	3,654	3,512	3,397	3,272	3,228	3,144	3,121	3,140	3,357	3,641	3,643	3,603	3,488	3,225	2,931
01/05/07	2,864	2,826	2,818	2,872	3,041	3,331	3,872	4,157	4,033	3,836	3,668	3,457	3,334	3,259	3,132	3,092	3,146	3,303	3,603	3,591	3,501	3,464	3,292	3,056
01/06/07	2,890	2,806	2,810	2,843	2,917	3,074	3,336	3,612	3,709	3,650	3,508	3,325	3,192	3,057	2,961	2,908	2,945	3,162	3,462	3,435	3,370	3,279	3,132	2,935
01/07/07	2,852	2,798	2,778	2,825	2,884	3,032	3,236	3,488	3,578	3,539	3,440	3,293	3,170	3,032	2,947	2,893	2,973	3,210	3,497	3,554	3,501	3,393	3,162	2,907
01/08/07	2,952	2,884	2,914	2,975	3,152	3,499	4,043	4,278	4,149	4,027	3,905	3,730	3,633	3,581	3,474	3,504	3,559	3,858	4,173	4,103	4,070	3,908	3,573	3,275
01/09/07	3,104	3,074	3,020	3,073	3,191	3,621	4,116	4,358	4,226	3,970	3,763	3,592	3,416	3,355	3,244	3,223	3,270	3,589	3,950	3,931	3,909	3,817	3,552	3,249
01/10/07	3,143	3,115	3,061	3,113	3,232	3,667	4,168	4,410	4,273	4,013	3,807	3,631	3,451	3,390	3,277	3,254	3,305	3,632	3,996	3,974	3,953	3,865	3,596	3,292
01/11/07	2,909	2,879	2,841	2,899	3,025	3,437	3,919	4,166	4,049	3,816	3,640	3,498	3,348	3,291	3,193	3,166	3,192	3,450	3,769	3,762	3,726	3,617	3,352	3,051
01/12/07	2,881	2,845	2,837	2,892	3,062	3,353	3,894	4,184	4,058	3,858	3,686	3,471	3,345	3,268	3,138	3,097	3,154	3,318	3,620	3,606	3,515	3,479	3,307	3,071
01/13/07	2,834	2,749	2,751	2,780	2,849	3,005	3,260	3,525	3,618	3,569	3,442	3,274	3,150	3,023	2,934	2,885	2,920	3,118	3,406	3,395	3,331	3,237	3,088	2,888
01/14/07	2,745	2,686	2,665	2,703	2,755	2,897	3,089	3,320	3,405	3,373	3,291	3,165	3,057	2,935	2,858	2,810	2,882	3,099	3,367	3,428	3,371	3,271	3,048	2,805
01/15/07	2,701	2,640	2,619	2,657	2,707	2,850	3,039	3,260	3,342	3,313	3,237	3,099	2,995	2,884	2,812	2,765	2,835	3,047	3,306	3,368	3,312	3,216	2,998	2,763
01/16/07	2,701	2,661	2,617	2,658	2,772	3,150	3,609	3,831	3,739	3,569	3,445	3,344	3,233	3,196	3,120	3,103	3,122	3,314	3,576	3,582	3,539	3,419	3,160	2,868
01/17/07	2,668	2,627	2,583	2,620	2,731	3,101	3,555	3,772	3,685	3,525	3,413	3,320	3,215	3,181	3,109	3,092	3,111	3,292	3,545	3,553	3,508	3,388	3,129	2,838
01/18/07	2,655	2,612	2,567	2,606	2,716	3,083	3,536	3,752	3,670	3,507	3,399	3,310	3,208	3,176	3,105	3,086	3,099	3,281	3,532	3,542	3,497	3,378	3,117	2,827
01/19/07	2,611	2,556	2,541	2,570	2,715	2,987	3,483	3,698	3,608	3,481	3,389	3,251	3,190	3,154	3,063	3,037	3,064	3,129	3,354	3,388	3,301	3,250	3,070	2,833
01/20/07	2,712	2,625	2,618	2,639	2,695	2,844	3,075	3,312	3,407	3,392	3,305	3,176	3,078	2,969	2,894	2,853	2,887	3,048	3,304	3,319	3,254	3,155	2,999	2,793
01/21/07	2,559	2,491	2,461	2,484	2,523	2,647	2,809	3,000	3,086	3,088	3,053	2,980	2,912	2,823	2,764	2,724	2,784	2,967	3,185	3,249	3,187	3,090	2,873	2,642
01/22/07	2,506	2,444	2,447	2,474	2,613	2,925	3,393	3,608	3,532	3,446	3,358	3,242	3,176	3,152	3,076	3,080	3,080	3,228	3,488	3,499	3,461	3,323	3,030	2,748
01/23/07	2,578	2,531	2,482	2,512	2,615	2,963	3,400	3,603	3,535	3,408	3,321	3,247	3,161	3,137	3,075	3,061	3,075	3,230	3,459	3,472	3,423	3,299	3,042	2,756
01/24/07	2,586	2,540	2,493	2,523	2,627	2,976	3,414	3,619	3,548	3,417	3,330	3,255	3,167	3,141	3,079	3,063	3,079	3,236	3,467	3,480	3,431	3,308	3,050	2,764
01/25/07	2,592	2,538	2,508	2,559	2,651	2,963	3,428	3,647	3,588	3,452	3,358	3,287	3,212	3,173	3,152	3,104	3,123	3,243	3,450	3,494	3,428	3,281	3,030	2,744
01/26/07	2,403	2,348	2,344	2,354	2,430	2,699	3,143	3,307	3,278	3,216	3,178	3,157	3,099	3,092	3,070	3,046	3,045	3,073	3,176	3,211	3,125	3,027	2,818	2,598
01/27/07	2,350	2,309	2,287	2,307	2,350	2,522	2,739	2,897	2,997	2,999	2,928	2,799	2,704	2,573	2,508	2,476	2,491	2,623	2,849	2,949	2,857	2,772	2,618	2,444
01/28/07	2,608	2,577	2,548	2,577	2,628	2,786	3,004	3,210	3,302	3,244	3,135	2,998	2,892	2,820	2,735	2,687	2,748	2,935	3,257	3,265	3,225	3,069	2,852	2,614
01/29/07	2,324	2,290	2,249	2,277	2,409	2,689	3,113	3,255	3,249	3,199	3,174	3,104	3,083	3,049	3,031	3,021	3,018	3,112	3,256	3,314	3,223	3,092	2,814	2,523
01/30/07	2,592	2,538	2,508	2,557	2,649	2,962	3,426	3,644	3,583	3,455	3,359	3,286	3,211	3,173	3,151	3,106	3,129	3,246	3,450	3,494	3,427	3,279	3,030	2,744
01/31/07	2,589	2,543	2,496	2,526	2,630	2,979	3,419	3,624	3,552	3,420	3,332	3,257	3,168	3,142	3,079	3,064	3,080	3,238	3,469	3,482	3,433	3,310	3,052	2,766
02/01/07	2,652	2,604	2,556	2,587	2,688	3,029	3,461	3,662	3,599	3,468	3,387	3,317	3,233	3,210	3,149	3,132	3,142	3,297	3,524	3,539	3,490	3,369	3,112	2,829
02/02/07	2,720	2,669	2,655	2,686	2,834	3,107	3,607	3,828	3,733	3,597	3,496	3,349	3,281	3,241	3,146	3,119	3,147	3,222	3,456	3,485	3,399	3,351	3,174	2,940
02/03/07	2,763	2,677	2,667	2,685	2,739	2,883	3,106	3,334	3,430	3,425	3,349	3,231	3,140	3,037	2,966	2,927	2,960	3,113	3,358	3,376	3,312	3,211	3,055	2,850
02/04/07	2,768	2,707	2,685	2,718	2,766	2,903	3,086	3,303	3,385	3,360	3,290	3,181	3,085	2,974	2,904	2,858	2,925	3,131	3,384	3,444	3,386	3,290	3,072	2,836
02/05/07	2,700	2,640	2,654	2,687	2,842	3,170	3,668	3,914	3,819	3,689	3,563	3,412	3,321	3,284	3,191	3,198	3,202	3,378	3,668	3,673	3,644	3,509	3,218	2,932
02/06/07	2,893	2,860	2,820	2,870	2,989	3,384	3,853	4,087	3,980	3,779	3,625	3,501	3,370	3,321	3,233	3,213	3,238	3,462	3,752	3,750	3,712	3,598	3,340	3,046
02/07/07	2,927	2,896	2,858	2,909	3,030	3,430	3,901	4,140	4,027	3,817	3,656	3,527	3,388	3,336	3,245	3,223	3,250	3,485	3,783	3,779	3,742	3,630	3,370	3,075
02/08/07	3,056	3,015	2,961	3,007	3,119	3,523	3,993	4,229	4,112	3,871	3,686	3,538	3,381	3,326	3,228	3,207	3,245	3,534	3,877	3,870	3,845	3,750	3,492	3,199
02/09/07	2,915	2,877	2,868	2,919	3,085	3,372	3,906	4,183	4,061	3,871	3,712	3,508	3,393	3,322	3,199	3,160	3,211	3,357	3,649	3,642	3,553	3,515	3,344	3,111
02/10/07	2,934	2,850	2,853	2,884	2,953	3,109	3,365	3,632	3,725	3,673	3,540	3,367	3,241	3,112	3,021	2,971	3,006	3,210	3,500	3,484	3,420	3,328	3,181	2,984
02/11/07	2,744	2,681	2,658	2,689	2,736	2,871	3,050	3,262	3,343	3,322	3,258	3,155	3,064	2,959	2,891	2,846	2,912	3,113	3,359	3,420	3,361	3,266	3,049	2,815
02/12/07	2,675	2,616	2,627	2,659	2,811	3,136	3,628	3,867	3,775	3,653	3,535	3,392	3,305	3,272	3,183	3,189	3,192	3,361	3,645	3,652	3,622	3,486	3,195	2,910
02/13/07	2,707	2,664	2,617	2,652	2,758	3,116	3,560	3,768	3,691	3,546	3,446	3,362	3,267	3,238	3,171	3,156	3,171	3,339	3,579	3,589	3,543	3,422	3,167	2,881
02/14/07	2,696	2,652	2,607	2,640	2,745	3,099	3,540	3,747	3,671	3,529	3,435	3,354	3,261	3,232	3,167	3,151	3,168	3,332	3,568	3,580	3,532	3,412	3,155	2,870
02/15/07	2,667	2,619	2,572	2,605	2,707	3,053	3,489	3,692	3,625	3,488	3,403	3,329	3,243	3,218	3,156	3,138	3,149	3,308	3,539	3,553	3,504	3,384	3,127	2,843
02/16/07	2,684	2,630	2,614	2,641	2,784	3,053	3,543	3,753	3,666	3,543	3,454	3,320	3,261	3,227	3,138	3,113	3,139	3,202	3,422	3,456	3,369	3,318	3,139	2,905
02/17/07	2,651	2,560	2,541	2,548	2,590	2,719	2,914	3,115	3,229	3,268	3,234	3,154	3,087	3,001	2,940	2,907	2,939	3,074	3,285	3,298	3,231	3,123	2,961	2,756
02/18/07	2,456	2,399	2,366	2,380	2,403	2,516	2,662	2,796	2,890	2,921	2,887	2,824	2,771	2,700	2,637	2,637	2,649	2,787	3,008	3,160	3,094	2,952	2,740	2,482
02/19/07	2,540	2,483	2,481	2,519	2,626	2,929	3,447	3,639	3,584	3,465	3,422	3,329	3,277	3,257	3,221	3,204	3,219	3,330	3,490	3,526	3,447	3,314	3,032	2,744
02/20/07	2,673	2,620	2,589	2,639	2,729	3,039	3,500	3,716	3,656	3,529	3,433	3,361	3,287	3,249	3,227	3,183	3,206	3,321	3,524	3,567	3,501	3,353	3,107	2,824
02/21/07	2,484	2,402	2,388	2,414	2,520	2,809	3,230	3,400	3,338	3,271	3,245	3,211	3,180	3,152	3,144	3,146	3,135	3,191	3,372	3,416	3,312	3,173	2,903	2,624
02/22/07	2,673	2,619	2,589	2,641	2,731	3,041	3,501	3,719	3,660	3,526	3,432	3,362	3,287	3,249	3,228	3,180	3,199	3,318	3,523	3,568	3,501	3,356	3,107	2,824
02/23/07	2,509	2,451	2,444	2,451	2,522	2,780	3,213	3,381	3,363	3,313	3,286	3,276	3,227	3,229	3,216	3,196	3,198	3,216	3,300	3,328	3,242	3,138	2,924	2,701
02/24/07	2,443	2,401	2,375	2,394	2,434	2,601	2,812	2,969	3,073	3,081	3,018	2,898	2,810	2,687	2,628	2,601	2,616	2,740	2,954	3,051	2,960	2,872	2,715	2,538
02/25/07	2,453	2,398	2,365	2,380	2,403	2,517	2,665	2,798	2,891	2,920	2,883	2,819	2,763	2,690	2,626	2,625	2,636	2,776	2,999	3,152	3,087	2,945	2,735	2,478
02/26/07	2,426	2,388	2,340	2,365	2,493	2,763	3,177	3,326	3,337	3,304	3,297	3,243	3,238	3,221	3,217	3,218	3,217	3,294	3,409	3,461	3,369	3,232	2,944	2,645
02/27/07	2,499	2,414	2,395	2,420	2,524	2,808	3,223	3,397	3,346	3,288	3,268	3,241	3,217	3,195	3,192	3,200	3,189	3,237	3,406	3,446	3,344	3,200	2,926	2,643
02/28/07	2,673	2,620	2,591	2,640	2,730	3,039	3,499	3,716	3,654	3,527	3,433	3,362	3,287	3,248	3,227	3,182	3,206	3,321	3,523	3,567	3,500	3,354	3,107	2,823

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
03/01/07	2,434	2,386	2,359	2,405	2,486	2,763	3,176	3,371	3,318	3,198	3,114	3,051	2,984	2,950	2,931	2,888	2,906	3,012	3,196	3,235	3,176	3,046	2,823	2,569
03/02/07	2,579	2,535	2,520	2,566	2,655	2,928	3,348	3,510	3,448	3,256	3,123	3,011	2,904	2,840	2,789	2,783	2,789	2,904	3,109	3,112	3,091	3,061	2,927	2,693
03/03/07	2,466	2,407	2,375	2,415	2,470	2,662	2,974	3,167	3,198	3,140	3,057	2,945	2,903	2,824	2,751	2,751	2,789	3,005	3,210	3,172	3,073	3,007	2,842	2,610
03/04/07	2,448	2,420	2,395	2,421	2,466	2,606	2,800	2,983	3,064	3,013	2,916	2,794	2,701	2,637	2,561	2,518	2,573	2,738	3,025	3,031	2,996	2,857	2,665	2,453
03/05/07	2,347	2,290	2,292	2,315	2,437	2,711	3,122	3,310	3,246	3,174	3,101	3,001	2,945	2,925	2,859	2,863	2,863	2,991	3,219	3,228	3,194	3,070	2,811	2,561
03/06/07	2,440	2,400	2,358	2,386	2,479	2,794	3,187	3,370	3,305	3,185	3,102	3,032	2,952	2,928	2,871	2,858	2,871	3,014	3,223	3,233	3,191	3,081	2,853	2,598
03/07/07	2,435	2,395	2,353	2,380	2,473	2,785	3,176	3,358	3,294	3,175	3,096	3,028	2,948	2,925	2,869	2,855	2,869	3,010	3,217	3,228	3,185	3,076	2,847	2,592
03/08/07	2,474	2,434	2,393	2,427	2,523	2,845	3,244	3,434	3,364	3,225	3,134	3,058	2,972	2,945	2,884	2,867	2,878	3,034	3,253	3,263	3,222	3,116	2,884	2,628
03/09/07	2,619	2,591	2,590	2,640	2,793	3,056	3,538	3,784	3,675	3,510	3,374	3,198	3,100	3,039	2,930	2,894	2,930	3,043	3,292	3,289	3,207	3,168	3,010	2,798
03/10/07	2,548	2,472	2,466	2,485	2,536	2,669	2,875	3,088	3,172	3,156	3,075	2,959	2,870	2,772	2,704	2,667	2,698	2,843	3,072	3,084	3,027	2,939	2,801	2,618
03/11/07	2,462	2,404	2,382	2,407	2,446	2,564	2,719	2,901	2,974	2,961	2,914	2,832	2,758	2,670	2,612	2,574	2,630	2,804	3,015	3,071	3,016	2,932	2,738	2,531
03/12/07	2,367	2,312	2,316	2,341	2,466	2,746	3,165	3,359	3,289	3,208	3,126	3,020	2,959	2,936	2,867	2,871	2,871	3,005	3,239	3,249	3,217	3,094	2,834	2,582
03/13/07	2,429	2,387	2,345	2,372	2,464	2,775	3,165	3,347	3,285	3,168	3,089	3,022	2,944	2,922	2,866	2,853	2,866	3,005	3,211	3,223	3,179	3,069	2,841	2,587
03/14/07	2,434	2,387	2,361	2,404	2,485	2,762	3,174	3,368	3,313	3,199	3,115	3,051	2,984	2,949	2,930	2,890	2,912	3,015	3,196	3,235	3,175	3,044	2,822	2,568
03/15/07	2,434	2,386	2,359	2,405	2,486	2,763	3,176	3,371	3,318	3,198	3,114	3,051	2,984	2,950	2,931	2,888	2,906	3,012	3,196	3,235	3,176	3,046	2,823	2,569
03/16/07	2,579	2,535	2,520	2,566	2,655	2,928	3,348	3,510	3,448	3,256	3,123	3,011	2,904	2,840	2,789	2,783	2,789	2,904	3,109	3,112	3,091	3,061	2,927	2,693
03/17/07	2,466	2,407	2,375	2,415	2,470	2,662	2,974	3,167	3,198	3,140	3,057	2,945	2,903	2,824	2,751	2,751	2,789	3,005	3,210	3,172	3,073	3,007	2,842	2,610
03/18/07	2,448	2,420	2,395	2,421	2,466	2,606	2,800	2,983	3,064	3,013	2,916	2,794	2,701	2,637	2,561	2,518	2,573	2,738	3,025	3,031	2,996	2,857	2,665	2,453
03/19/07	2,195	2,165	2,129	2,154	2,271	2,520	2,897	3,023	3,017	2,971	2,949	2,885	2,865	2,835	2,818	2,809	2,806	2,890	3,019	3,071	2,990	2,874	2,628	2,370
03/20/07	2,280	2,203	2,186	2,207	2,300	2,555	2,926	3,082	3,037	2,987	2,969	2,945	2,924	2,905	2,904	2,911	2,901	2,943	3,094	3,129	3,038	2,908	2,662	2,408
03/21/07	2,434	2,387	2,361	2,404	2,485	2,762	3,174	3,368	3,313	3,199	3,115	3,051	2,984	2,949	2,930	2,890	2,912	3,015	3,196	3,235	3,175	3,044	2,822	2,568
03/22/07	2,327	2,238	2,213	2,231	2,319	2,556	2,910	3,080	3,063	3,030	3,037	3,035	3,031	3,028	3,043	3,060	3,051	3,074	3,192	3,219	3,128	2,991	2,727	2,461
03/23/07	2,282	2,231	2,225	2,232	2,296	2,530	2,919	3,068	3,050	3,003	2,976	2,966	2,920	2,919	2,907	2,888	2,889	2,907	2,986	3,012	2,935	2,844	2,653	2,455
03/24/07	2,232	2,193	2,169	2,185	2,220	2,369	2,556	2,697	2,792	2,801	2,748	2,643	2,567	2,460	2,409	2,387	2,400	2,509	2,697	2,782	2,700	2,620	2,478	2,318
03/25/07	2,219	2,175	2,150	2,167	2,193	2,303	2,444	2,561	2,635	2,648	2,599	2,523	2,458	2,377	2,306	2,295	2,303	2,439	2,662	2,809	2,749	2,631	2,452	2,230
03/26/07	2,246	2,206	2,152	2,169	2,281	2,511	2,871	3,018	3,052	3,049	3,067	3,042	3,063	3,070	3,086	3,103	3,105	3,151	3,215	3,250	3,167	3,032	2,757	2,474
03/27/07	2,307	2,224	2,202	2,220	2,310	2,555	2,916	3,079	3,049	3,014	3,009	2,997	2,987	2,977	2,985	3,000	2,993	3,022	3,152	3,181	3,090	2,956	2,700	2,439
03/28/07	2,439	2,328	2,286	2,289	2,365	2,571	2,888	3,084	3,119	3,143	3,197	3,237	3,266	3,296	3,344	3,389	3,393	3,370	3,417	3,419	3,328	3,171	2,878	2,586
03/29/07	2,466	2,349	2,303	2,306	2,380	2,578	2,889	3,093	3,141	3,170	3,234	3,283	3,321	3,358	3,412	3,461	3,462	3,434	3,470	3,467	3,376	3,216	2,914	2,617
03/30/07	2,469	2,389	2,361	2,345	2,381	2,558	2,905	3,090	3,150	3,180	3,224	3,294	3,305	3,365	3,409	3,420	3,435	3,393	3,354	3,336	3,249	3,113	2,871	2,641
03/31/07	2,303	2,249	2,207	2,211	2,231	2,361	2,524	2,670	2,791	2,839	2,831	2,771	2,738	2,671	2,649	2,654	2,672	2,741	2,872	2,939	2,854	2,751	2,585	2,400
04/01/07	2,363	2,303	2,263	2,269	2,281	2,367	2,484	2,609	2,712	2,767	2,765	2,742	2,723	2,687	2,656	2,675	2,690	2,794	2,952	3,069	3,012	2,868	2,659	2,409
04/02/07	2,367	2,320	2,256	2,270	2,379	2,602	2,957	3,116	3,171	3,190	3,228	3,223	3,264	3,290	3,322	3,351	3,355	3,384	3,416	3,442	3,357	3,211	2,918	2,620
04/03/07	2,422	2,332	2,305	2,319	2,407	2,645	2,999	3,172	3,158	3,136	3,145	3,145	3,144	3,144	3,161	3,184	3,179	3,196	3,307	3,330	3,239	3,097	2,831	2,560
04/04/07	2,403	2,317	2,295	2,311	2,401	2,644	3,005	3,172	3,147	3,114	3,116	3,109	3,100	3,093	3,105	3,122	3,116	3,142	3,265	3,294	3,202	3,065	2,803	2,537
04/05/07	2,365	2,286	2,270	2,294	2,389	2,646	3,022	3,180	3,134	3,076	3,059	3,035	3,013	2,993	2,991	2,994	2,981	3,028	3,184	3,221	3,128	3,000	2,749	2,494
04/06/07	2,377	2,324	2,317	2,323	2,386	2,619	3,010	3,162	3,148	3,104	3,081	3,074	3,031	3,033	3,023	3,006	3,007	3,022	3,096	3,121	3,042	2,948	2,753	2,551
04/07/07	2,493	2,410	2,392	2,397	2,434	2,549	2,724	2,904	3,009	3,048	3,021	2,951	2,892	2,815	2,761	2,732	2,761	2,882	3,071	3,081	3,019	2,920	2,774	2,589
04/08/07	2,645	2,591	2,572	2,605	2,651	2,778	2,948	3,153	3,228	3,201	3,130	3,020	2,926	2,820	2,752	2,709	2,772	2,965	3,203	3,257	3,205	3,117	2,918	2,701
04/09/07	2,401	2,342	2,340	2,361	2,478	2,743	3,142	3,322	3,270	3,216	3,156	3,065	3,016	2,999	2,936	2,941	2,941	3,062	3,281	3,288	3,248	3,121	2,863	2,616
04/10/07	2,444	2,398	2,351	2,373	2,456	2,747	3,121	3,292	3,248	3,161	3,103	3,052	2,988	2,972	2,923	2,912	2,924	3,043	3,233	3,249	3,201	3,087	2,859	2,605
04/11/07	2,364	2,287	2,272	2,293	2,387	2,645	3,020	3,177	3,129	3,076	3,060	3,036	3,013	2,992	2,990	2,996	2,987	3,031	3,184	3,221	3,127	2,998	2,749	2,493
04/12/07	2,436	2,342	2,313	2,328	2,414	2,647	2,997	3,174	3,168	3,146	3,163	3,170	3,173	3,177	3,199	3,222	3,215	3,230	3,334	3,356	3,264	3,122	2,849	2,575
04/13/07	2,669	2,624	2,609	2,656	2,745	3,021	3,445	3,609	3,547	3,353	3,218	3,105	2,997	2,932	2,881	2,875	2,881	2,997	3,203	3,207	3,186	3,156	3,020	2,784
04/14/07	2,338	2,294	2,265	2,277	2,308	2,453	2,635	2,779	2,882	2,903	2,862	2,769	2,705	2,608	2,565	2,551	2,566	2,664	2,837	2,918	2,835	2,747	2,597	2,428
04/15/07	2,536	2,508	2,483	2,509	2,555	2,696	2,892	3,076	3,159	3,107	3,009	2,886	2,791	2,727	2,650	2,607	2,662	2,829	3,119	3,125	3,090	2,950	2,756	2,542
04/16/07	2,353	2,309	2,248	2,263	2,374	2,601	2,959	3,114	3,161	3,172	3,203	3,190	3,224	3,243	3,269	3,294	3,297	3,333	3,377	3,406	3,321	3,179	2,892	2,598
04/17/07	2,457	2,359	2,326	2,337	2,421	2,648	2,991	3,172	3,175	3,170	3,194	3,208	3,218	3,229	3,257	3,288	3,286	3,289	3,377	3,393	3,303	3,155	2,877	2,598
04/18/07	2,468	2,368	2,334	2,343	2,426	2,649	2,988	3,172	3,180	3,178	3,209	3,227	3,240	3,253	3,285	3,318	3,318	3,316	3,398	3,412	3,321	3,172	2,891	2,609
04/19/07	2,496	2,389	2,351	2,359	2,439	2,655	2,986	3,177	3,201	3,206	3,248	3,278	3,300	3,322	3,361	3,398	3,396	3,387	3,454	3,464	3,372	3,220	2,929	2,642
04/20/07	2,484	2,414	2,393	2,385	2,432	2,631	2,996	3,169	3,201	3,203	3,222	3,262	3,253	3,292	3,316	3,316	3,327	3,305	3,307	3,306	3,222	3,101	2,875	2,654
04/21/07	2,382	2,329	2,289	2,294	2,315	2,449	2,616	2,762	2,883	2,927	2,915	2,849	2,812	2,740	2,715	2,718	2,735	2,810	2,947	3,017	2,931	2,829	2,664	2,479
04/22/07	2,377	2,314	2,271	2,274	2,284	2,364	2,475	2,602	2,712	2,775	2,784	2,773	2,764	2,737	2,714	2,740	2,756	2,854	2,997	3,108	3,050	2,901	2,686	2,431
04/23/07	2,406	2,355	2,280	2,289	2,397	2,609	2,956	3,125	3,201	3,241	3,300	3,313	3,374	3,417	3,464	3,506	3,512	3,524	3,526	3,541	3,453	3,299	2,991	2,681
04/24/07	2,596	2,471	2,418	2,416	2,487	2,679	2,982	3,196	3,260	3,311	3,388	3,451	3,500	3,546	3,611	3,671	3,678	3,633	3,649	3,636	3,543	3,374	3,062	2,754
04/25/07	2,629	2,498	2,443	2,437	2,506	2,690	2,985	3,205	3,280	3,342	3,432	3,505	3,561	3,614	3,686	3,751	3,760	3,707	3,708	3,689	3,594	3,422	3,102	2,789
04/26/07	2,656	2,519	2,460	2,455	2,522	2,701	2,991	3,217	3,305	3,369	3,467	3,549	3,611	3,670	3,747	3,814	3,820	3,764	3,757	3,734	3,638	3,464	3,137	2,819
04/27/07	2,667	2,574	2,536	2,508	2,531	2,684	3,017	3,223	3,323	3,390	3,469	3,580	3,618	3,707	3,776	3,800	3,824	3,757	3,666	3,623	3,528	3,371	3,099	2,854
04/28/07	2,765	2,658	2,548	2,513	2,474	2,551	2,644	2,821	3,049	3,244	3,412	3,501	3,625	3,680	3,762	3,852	3,877	3,824	3,767	3,757	3,636	3,462	3,206	2,939
04/29/07	2,873	2,747	2,636	2,595	2,542	2,539	2,576	2,740	2,962	3,201	3,391	3,572	3,731	3,850	3,947	4,076	4,087	4,077	3,999	3,992	3,914	3,677	3,364	3,015
04/30/07	2,676	2,607	2,492	2,489	2,598	2,773	3,094	3,311	3,490	3,622	3,773	3,868	4,017	4,129	4,242	4,337	4,357	4,297	4,163	4,104	3,985	3,784	3,400	3,019

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
05/01/07	2,955	2,774	2,691	2,673	2,739	2,914	3,209	3,497	3,645	3,771	3,928	4,061	4,163	4,256	4,371	4,475	4,489	4,389	4,329	4,269	4,151	3,936	3,540	3,157
05/02/07	3,022	2,832	2,744	2,723	2,786	2,951	3,234	3,535	3,698	3,839	4,015	4,164	4,275	4,375	4,500	4,611	4,627	4,517	4,441	4,370	4,246	4,027	3,620	3,229
05/03/07	2,846	2,681	2,609	2,599	2,672	2,862	3,178	3,446	3,564	3,654	3,784	3,892	3,974	4,051	4,149	4,234	4,243	4,166	4,139	4,101	3,989	3,786	3,405	3,037
05/04/07	2,913	2,797	2,746	2,705	2,719	2,869	3,234	3,485	3,633	3,741	3,861	4,025	4,088	4,213	4,312	4,351	4,384	4,292	4,146	4,074	3,958	3,764	3,432	3,144
05/05/07	2,647	2,557	2,475	2,458	2,451	2,568	2,713	2,892	3,083	3,211	3,291	3,303	3,347	3,339	3,370	3,424	3,449	3,461	3,506	3,545	3,435	3,279	3,043	2,788
05/06/07	2,462	2,393	2,347	2,352	2,365	2,460	2,590	2,732	2,851	2,916	2,918	2,897	2,880	2,843	2,810	2,835	2,852	2,968	3,140	3,270	3,205	3,040	2,802	2,517
05/07/07	2,456	2,405	2,333	2,349	2,473	2,726	3,129	3,307	3,367	3,385	3,426	3,417	3,461	3,488	3,522	3,554	3,558	3,593	3,634	3,664	3,568	3,405	3,075	2,740
05/08/07	2,585	2,470	2,429	2,439	2,531	2,782	3,162	3,372	3,387	3,391	3,427	3,451	3,470	3,489	3,527	3,568	3,567	3,561	3,648	3,661	3,559	3,388	3,068	2,747
05/09/07	2,563	2,452	2,417	2,428	2,523	2,779	3,166	3,371	3,373	3,366	3,395	3,412	3,422	3,433	3,466	3,500	3,499	3,502	3,601	3,620	3,517	3,351	3,037	2,721
05/10/07	2,567	2,454	2,417	2,431	2,525	2,780	3,167	3,374	3,381	3,369	3,400	3,418	3,431	3,444	3,477	3,509	3,504	3,509	3,609	3,628	3,525	3,360	3,043	2,726
05/11/07	2,598	2,518	2,494	2,485	2,537	2,760	3,172	3,368	3,406	3,410	3,433	3,480	3,472	3,517	3,545	3,546	3,558	3,532	3,532	3,530	3,435	3,297	3,041	2,790
05/12/07	2,646	2,556	2,474	2,457	2,451	2,568	2,713	2,891	3,082	3,210	3,290	3,301	3,345	3,337	3,367	3,422	3,447	3,458	3,504	3,543	3,434	3,278	3,042	2,787
05/13/07	2,623	2,524	2,447	2,431	2,416	2,464	2,549	2,706	2,882	3,030	3,122	3,202	3,272	3,317	3,355	3,435	3,459	3,515	3,566	3,636	3,570	3,359	3,069	2,737
05/14/07	2,655	2,580	2,464	2,462	2,578	2,788	3,157	3,375	3,523	3,626	3,749	3,814	3,938	4,030	4,124	4,203	4,214	4,187	4,107	4,089	3,982	3,786	3,398	3,012
05/15/07	2,900	2,728	2,650	2,635	2,704	2,887	3,191	3,469	3,602	3,715	3,857	3,978	4,070	4,156	4,263	4,360	4,373	4,282	4,236	4,186	4,072	3,861	3,474	3,097
05/16/07	2,947	2,768	2,686	2,668	2,735	2,910	3,205	3,492	3,636	3,760	3,917	4,050	4,149	4,241	4,355	4,457	4,472	4,374	4,315	4,257	4,139	3,925	3,529	3,147
05/17/07	2,990	2,803	2,717	2,700	2,765	2,934	3,223	3,519	3,677	3,804	3,972	4,115	4,221	4,319	4,439	4,543	4,554	4,453	4,387	4,322	4,201	3,986	3,582	3,194
05/18/07	3,119	2,987	2,928	2,873	2,867	2,987	3,341	3,621	3,820	3,975	4,140	4,362	4,453	4,612	4,737	4,789	4,835	4,725	4,524	4,413	4,281	4,066	3,697	3,397
05/19/07	2,931	2,808	2,681	2,640	2,594	2,680	2,782	2,985	3,246	3,472	3,669	3,774	3,920	3,985	4,082	4,185	4,213	4,150	4,081	4,066	3,927	3,729	3,436	3,131
05/20/07	2,882	2,752	2,642	2,603	2,557	2,566	2,617	2,792	3,023	3,258	3,438	3,610	3,761	3,875	3,968	4,097	4,117	4,122	4,068	4,080	4,002	3,749	3,412	3,035
05/21/07	3,031	2,929	2,757	2,732	2,846	3,007	3,345	3,599	3,847	4,028	4,233	4,364	4,565	4,702	4,845	4,961	4,974	4,911	4,728	4,641	4,513	4,297	3,854	3,416
05/22/07	3,197	2,983	2,883	2,856	2,914	3,061	3,322	3,651	3,852	4,027	4,237	4,419	4,551	4,668	4,810	4,940	4,954	4,826	4,724	4,622	4,485	4,254	3,828	3,420
05/23/07	3,273	3,049	2,946	2,916	2,973	3,113	3,364	3,706	3,918	4,104	4,331	4,525	4,664	4,784	4,933	5,067	5,082	4,948	4,839	4,725	4,580	4,348	3,914	3,501
05/24/07	3,277	3,052	2,948	2,921	2,977	3,117	3,368	3,713	3,929	4,108	4,335	4,531	4,671	4,792	4,941	5,073	5,083	4,952	4,845	4,732	4,587	4,356	3,920	3,506
05/25/07	3,295	3,155	3,093	3,028	3,009	3,109	3,461	3,764	3,996	4,179	4,373	4,637	4,741	4,920	5,059	5,118	5,173	5,058	4,828	4,687	4,544	4,317	3,923	3,618
05/26/07	3,465	3,321	3,139	3,081	2,981	3,064	3,145	3,387	3,725	4,052	4,375	4,546	4,797	4,891	5,042	5,176	5,195	5,077	4,928	4,859	4,657	4,440	4,095	3,753
05/27/07	3,476	3,313	3,152	3,094	3,001	2,986	3,022	3,234	3,522	3,866	4,139	4,395	4,624	4,782	4,902	5,075	5,057	5,025	4,893	4,858	4,744	4,446	4,065	3,634
05/28/07	3,529	3,378	3,201	3,159	3,059	3,046	3,094	3,283	3,639	4,045	4,325	4,668	4,885	4,985	5,186	5,370	5,412	5,332	5,117	5,067	4,857	4,608	4,258	3,898
05/29/07	3,671	3,390	3,258	3,214	3,256	3,362	3,564	3,958	4,211	4,431	4,702	4,936	5,087	5,204	5,362	5,510	5,511	5,382	5,284	5,137	4,977	4,759	4,324	3,913
05/30/07	3,635	3,359	3,230	3,186	3,228	3,336	3,540	3,930	4,179	4,395	4,665	4,897	5,047	5,163	5,321	5,467	5,463	5,336	5,236	5,094	4,936	4,719	4,284	3,874
05/31/07	3,292	3,064	2,959	2,932	2,989	3,127	3,377	3,724	3,942	4,123	4,353	4,551	4,692	4,813	4,963	5,096	5,106	4,975	4,867	4,752	4,605	4,374	3,936	3,521
06/01/07	3,471	3,331	3,270	3,202	3,176	3,264	3,609	3,917	4,159	4,350	4,554	4,833	4,938	5,123	5,263	5,323	5,383	5,271	5,033	4,881	4,735	4,508	4,111	3,812
06/02/07	3,113	2,986	2,849	2,803	2,746	2,826	2,918	3,124	3,399	3,645	3,870	3,994	4,164	4,241	4,351	4,462	4,489	4,411	4,318	4,289	4,140	3,938	3,638	3,329
06/03/07	3,049	2,916	2,798	2,756	2,702	2,704	2,748	2,925	3,162	3,413	3,610	3,798	3,963	4,087	4,189	4,325	4,341	4,335	4,261	4,261	4,179	3,922	3,583	3,204
06/04/07	3,081	2,983	2,818	2,795	2,906	3,066	3,398	3,645	3,881	4,054	4,250	4,375	4,567	4,699	4,837	4,948	4,961	4,901	4,726	4,646	4,523	4,312	3,882	3,457
06/05/07	3,123	2,933	2,845	2,824	2,885	3,044	3,318	3,615	3,781	3,925	4,099	4,249	4,361	4,463	4,587	4,699	4,713	4,603	4,525	4,451	4,329	4,112	3,713	3,328
06/06/07	3,090	2,906	2,821	2,801	2,863	3,025	3,303	3,595	3,752	3,888	4,057	4,201	4,308	4,405	4,526	4,633	4,649	4,543	4,471	4,403	4,282	4,069	3,673	3,292
06/07/07	3,020	2,844	2,765	2,750	2,816	2,988	3,279	3,558	3,700	3,813	3,965	4,093	4,190	4,279	4,390	4,486	4,496	4,404	4,351	4,297	4,182	3,975	3,588	3,215
06/08/07	2,825	2,729	2,692	2,667	2,699	2,881	3,257	3,474	3,565	3,620	3,691	3,792	3,821	3,905	3,969	3,989	4,011	3,949	3,874	3,840	3,738	3,575	3,288	3,024
06/09/07	2,670	2,592	2,525	2,516	2,520	2,646	2,802	2,971	3,138	3,237	3,282	3,264	3,277	3,246	3,255	3,292	3,315	3,350	3,431	3,483	3,382	3,243	3,029	2,796
06/10/07	2,753	2,650	2,569	2,548	2,527	2,566	2,641	2,797	2,980	3,143	3,251	3,349	3,435	3,494	3,544	3,634	3,658	3,701	3,727	3,783	3,717	3,502	3,209	2,875
06/11/07	2,934	2,845	2,701	2,686	2,797	2,974	3,315	3,551	3,753	3,901	4,070	4,174	4,341	4,461	4,584	4,685	4,698	4,646	4,503	4,448	4,332	4,126	3,714	3,307
06/12/07	3,123	2,934	2,845	2,824	2,885	3,044	3,319	3,616	3,782	3,925	4,100	4,250	4,362	4,464	4,587	4,700	4,714	4,604	4,526	4,452	4,330	4,113	3,713	3,329
06/13/07	3,268	3,060	2,963	2,936	2,993	3,136	3,390	3,712	3,906	4,076	4,283	4,461	4,589	4,702	4,842	4,967	4,982	4,857	4,758	4,659	4,524	4,300	3,883	3,485
06/14/07	3,261	3,052	2,955	2,931	2,988	3,132	3,388	3,710	3,905	4,067	4,273	4,450	4,578	4,691	4,830	4,951	4,962	4,841	4,745	4,649	4,515	4,293	3,875	3,478
06/15/07	3,287	3,154	3,094	3,035	3,022	3,128	3,472	3,758	3,971	4,138	4,316	4,556	4,653	4,820	4,950	5,005	5,055	4,944	4,731	4,606	4,471	4,254	3,879	3,583
06/16/07	3,330	3,193	3,033	2,980	2,901	2,978	3,060	3,283	3,591	3,881	4,159	4,312	4,527	4,618	4,752	4,877	4,900	4,799	4,671	4,617	4,443	4,232	3,909	3,584
06/17/07	3,291	3,142	3,003	2,951	2,878	2,866	2,903	3,094	3,358	3,657	3,896	4,122	4,323	4,469	4,584	4,741	4,742	4,718	4,607	4,584	4,487	4,210	3,851	3,449
06/18/07	3,465	3,353	3,139	3,101	3,221	3,348	3,662	3,928	4,232	4,445	4,692	4,847	5,085	5,223	5,382	5,507	5,515	5,457	5,233	5,102	4,961	4,751	4,292	3,836
06/19/07	3,572	3,327	3,215	3,183	3,236	3,359	3,582	3,952	4,191	4,401	4,655	4,875	5,027	5,151	5,309	5,457	5,465	5,323	5,206	5,063	4,900	4,667	4,228	3,811
06/20/07	3,942	3,658	3,536	3,502	3,555	3,660	3,849	4,275	4,549	4,788	5,087	5,345	5,507	5,627	5,799	5,962	5,961	5,808	5,691	5,507	5,312	5,078	4,624	4,197
06/21/07	3,691	3,431	3,316	3,285	3,337	3,453	3,666	4,055	4,309	4,522	4,794	5,029	5,185	5,310	5,473	5,623	5,625	5,483	5,367	5,210	5,036	4,804	4,356	3,935
06/22/07	3,620	3,477	3,418	3,344	3,307	3,383	3,732	4,055	4,315	4,520	4,739	5,046	5,153	5,348	5,493	5,553	5,621	5,512	5,260	5,090	4,935	4,704	4,292	3,994
06/23/07	3,554	3,412	3,233	3,176	3,076	3,159	3,237	3,475	3,807	4,129	4,447	4,616	4,863	4,955	5,103	5,235	5,253	5,136	4,989	4,921	4,722	4,510	4,172	3,837
06/24/07	3,937	3,773	3,591	3,536	3,419	3,409	3,447	3,676	3,976	4,357	4,652	4,925	5,172	5,328	5,438	5,628	5,577	5,545	5,400	5,374	5,246	4,936	4,547	4,090
06/25/07	3,803	3,689	3,431	3,385	3,521	3,629	3,933	4,207	4,556	4,788	5,069	5,236	5,504	5,635	5,802	5,930	5,931	5,888	5,635	5,476	5,326	5,129	4,654	4,179
06/26/07	4,461	4,089	3,922	3,860	3,888	3,933	4,031	4,510	4,802	5,046	5,360	5,633	5,769	5,839	5,999	6,151	6,148	6,018	5,955	5,801	5,637	5,466	5,064	4,694
06/27/07	4,207	3,864	3,706	3,644	3,670	3,732	3,862	4,304	4,573	4,801	5,097	5,352	5,488	5,568	5,720	5,864	5,904	5,789	5,725	5,572	5,409	5,230	4,823	4,445
06/28/07	3,957	3,670	3,547	3,515	3,569	3,673	3,862	4,291	4,569	4,802	5,102	5,363	5,525	5,646	5,818	5,978	5,972	5,822	5,708	5,524	5,328	5,096	4,640	4,212
06/29/07	3,827	3,681	3,627	3,546	3,495	3,555	3,910	4,250	4,529	4,745	4,980	5,321	5,424	5,631	5,779	5,836	5,916	5,812	5,544	5,356	5,192	4,956	4,528	4,234
06/30/07	3,516	3,375	3,198	3,142	3,046	3,127	3,206	3,441	3,770	4,087	4,399	4,566	4,809	4,901	5,047	5,178	5,197	5,083	4,938	4,871	4,676	4,464	4,128	3,795

APS Own Load Hourly mW Forecast

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Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
07/01/07	3,654	3,509	3,362	3,310	3,224	3,211	3,244	3,434	3,693	4,005	4,252	4,483	4,689	4,831	4,936	5,093	5,072	5,043	4,924	4,892	4,788	4,521	4,180	3,794
07/02/07	3,800	3,696	3,467	3,426	3,547	3,647	3,925	4,173	4,485	4,695	4,946	5,097	5,337	5,458	5,608	5,724	5,726	5,685	5,458	5,317	5,181	5,000	4,570	4,140
07/03/07	3,940	3,685	3,573	3,543	3,591	3,688	3,864	4,246	4,494	4,710	4,977	5,209	5,357	5,467	5,622	5,769	5,768	5,630	5,524	5,359	5,185	4,971	4,560	4,172
07/04/07	4,098	3,990	3,813	3,790	3,672	3,655	3,713	3,890	4,218	4,595	4,859	5,260	5,489	5,552	5,746	5,915	5,906	5,793	5,562	5,481	5,246	5,045	4,800	4,518
07/05/07	4,311	4,016	3,896	3,868	3,920	3,999	4,136	4,576	4,856	5,088	5,390	5,655	5,806	5,903	6,070	6,227	6,211	6,057	5,954	5,766	5,568	5,360	4,939	4,549
07/06/07	4,109	3,976	3,937	3,855	3,791	3,825	4,153	4,480	4,746	4,949	5,178	5,522	5,606	5,803	5,942	5,987	6,074	5,982	5,718	5,533	5,380	5,159	4,758	4,499
07/07/07	3,973	3,846	3,654	3,602	3,477	3,570	3,639	3,868	4,197	4,521	4,852	5,009	5,274	5,344	5,485	5,618	5,623	5,495	5,346	5,282	5,068	4,886	4,564	4,251
07/08/07	4,258	4,111	3,929	3,887	3,759	3,754	3,782	4,010	4,297	4,673	4,959	5,231	5,476	5,625	5,726	5,929	5,856	5,826	5,669	5,669	5,555	5,253	4,879	4,421
07/09/07	4,408	4,328	4,002	3,961	4,135	4,216	4,477	4,736	5,119	5,354	5,680	5,846	6,152	6,269	6,439	6,570	6,551	6,527	6,208	6,085	5,958	5,817	5,364	4,901
07/10/07	4,855	4,493	4,347	4,308	4,358	4,381	4,422	4,946	5,278	5,556	5,895	6,201	6,348	6,418	6,611	6,787	6,777	6,557	6,416	6,242	6,056	5,862	5,451	5,078
07/11/07	4,728	4,389	4,258	4,227	4,283	4,328	4,403	4,912	5,231	5,502	5,839	6,140	6,292	6,372	6,562	6,738	6,717	6,510	6,375	6,184	5,979	5,773	5,349	4,961
07/12/07	4,254	3,965	3,846	3,818	3,870	3,951	4,096	4,527	4,802	5,030	5,328	5,588	5,738	5,838	6,003	6,157	6,143	5,994	5,892	5,706	5,511	5,302	4,882	4,492
07/13/07	3,988	3,855	3,811	3,733	3,678	3,722	4,048	4,367	4,628	4,828	5,050	5,379	5,468	5,661	5,798	5,846	5,926	5,833	5,580	5,401	5,249	5,031	4,636	4,372
07/14/07	3,892	3,764	3,578	3,526	3,409	3,497	3,568	3,795	4,118	4,437	4,761	4,918	5,174	5,248	5,389	5,519	5,526	5,404	5,257	5,192	4,984	4,799	4,480	4,169
07/15/07	4,020	3,871	3,703	3,653	3,543	3,535	3,569	3,781	4,057	4,409	4,680	4,932	5,159	5,302	5,401	5,578	5,526	5,497	5,362	5,342	5,225	4,940	4,583	4,161
07/16/07	3,894	3,790	3,549	3,506	3,632	3,728	4,004	4,253	4,577	4,790	5,051	5,204	5,451	5,570	5,722	5,839	5,839	5,802	5,567	5,421	5,284	5,107	4,674	4,239
07/17/07	4,109	3,836	3,720	3,690	3,739	3,829	3,989	4,397	4,658	4,885	5,168	5,414	5,564	5,669	5,829	5,983	5,976	5,831	5,727	5,549	5,362	5,150	4,735	4,345
07/18/07	3,896	3,645	3,536	3,505	3,552	3,651	3,829	4,206	4,449	4,661	4,926	5,154	5,300	5,411	5,565	5,710	5,711	5,574	5,468	5,307	5,135	4,923	4,512	4,125
07/19/07	3,947	3,689	3,578	3,550	3,598	3,694	3,869	4,254	4,504	4,713	4,983	5,217	5,364	5,475	5,630	5,774	5,770	5,635	5,531	5,367	5,191	4,980	4,566	4,178
07/20/07	3,914	3,782	3,735	3,659	3,609	3,660	3,984	4,297	4,554	4,752	4,970	5,288	5,379	5,569	5,705	5,756	5,831	5,737	5,490	5,315	5,165	4,949	4,557	4,292
07/21/07	3,848	3,719	3,537	3,485	3,372	3,458	3,529	3,754	4,075	4,391	4,710	4,867	5,119	5,195	5,335	5,463	5,472	5,353	5,208	5,142	4,938	4,751	4,434	4,123
07/22/07	3,389	3,253	3,126	3,078	3,010	2,999	3,032	3,207	3,448	3,723	3,941	4,149	4,333	4,467	4,572	4,715	4,715	4,693	4,591	4,568	4,479	4,226	3,899	3,533
07/23/07	3,696	3,592	3,376	3,337	3,453	3,559	3,839	4,085	4,384	4,588	4,829	4,977	5,208	5,331	5,480	5,595	5,600	5,554	5,335	5,201	5,068	4,882	4,457	4,032
07/24/07	3,504	3,296	3,199	3,172	3,221	3,340	3,555	3,871	4,073	4,250	4,462	4,646	4,776	4,887	5,024	5,150	5,160	5,037	4,935	4,822	4,686	4,477	4,086	3,713
07/25/07	3,491	3,285	3,190	3,162	3,211	3,330	3,546	3,861	4,060	4,234	4,447	4,629	4,758	4,867	5,004	5,129	5,140	5,018	4,916	4,805	4,670	4,461	4,071	3,699
07/26/07	3,596	3,376	3,276	3,249	3,297	3,410	3,616	3,948	4,164	4,344	4,572	4,769	4,905	5,018	5,160	5,288	5,294	5,170	5,066	4,941	4,797	4,587	4,188	3,810
07/27/07	3,724	3,593	3,541	3,472	3,435	3,500	3,818	4,116	4,358	4,547	4,751	5,039	5,136	5,316	5,449	5,503	5,567	5,470	5,237	5,077	4,934	4,722	4,343	4,073
07/28/07	3,523	3,395	3,240	3,190	3,107	3,179	3,252	3,462	3,755	4,036	4,311	4,459	4,672	4,756	4,886	5,003	5,022	4,922	4,794	4,737	4,565	4,372	4,071	3,770
07/29/07	3,840	3,691	3,533	3,481	3,383	3,372	3,406	3,607	3,875	4,208	4,468	4,710	4,928	5,070	5,172	5,337	5,301	5,272	5,145	5,116	5,004	4,728	4,380	3,977
07/30/07	4,116	4,018	3,745	3,700	3,843	3,930	4,201	4,454	4,803	5,025	5,309	5,466	5,734	5,847	6,004	6,125	6,117	6,090	5,830	5,682	5,544	5,381	4,940	4,494
07/31/07	4,176	3,896	3,779	3,749	3,799	3,886	4,039	4,456	4,724	4,954	5,243	5,495	5,645	5,748	5,910	6,066	6,057	5,909	5,805	5,622	5,432	5,220	4,804	4,413
08/01/07	4,058	3,782	3,665	3,632	3,683	3,781	3,957	4,370	4,635	4,866	5,156	5,407	5,562	5,675	5,841	5,997	5,994	5,847	5,736	5,557	5,367	5,144	4,711	4,303
08/02/07	4,233	3,938	3,815	3,786	3,838	3,928	4,088	4,528	4,810	5,045	5,351	5,617	5,774	5,882	6,053	6,212	6,199	6,047	5,941	5,750	5,549	5,329	4,890	4,481
08/03/07	4,094	3,955	3,911	3,827	3,764	3,806	4,149	4,487	4,764	4,975	5,212	5,565	5,656	5,860	6,005	6,054	6,141	6,045	5,773	5,583	5,423	5,192	4,775	4,501
08/04/07	3,748	3,613	3,433	3,378	3,272	3,355	3,430	3,662	3,988	4,307	4,626	4,789	5,039	5,124	5,268	5,398	5,411	5,294	5,148	5,079	4,878	4,678	4,351	4,029
08/05/07	4,059	3,902	3,726	3,674	3,559	3,550	3,586	3,808	4,097	4,466	4,750	5,014	5,252	5,402	5,505	5,691	5,637	5,606	5,465	5,444	5,321	5,022	4,649	4,207
08/06/07	4,156	4,052	3,767	3,720	3,869	3,961	4,245	4,510	4,875	5,107	5,404	5,569	5,849	5,968	6,133	6,258	6,251	6,222	5,951	5,796	5,651	5,479	5,017	4,550
08/07/07	4,315	4,013	3,887	3,857	3,910	3,996	4,147	4,599	4,886	5,133	5,443	5,715	5,873	5,977	6,150	6,316	6,304	6,143	6,034	5,838	5,633	5,412	4,975	4,565
08/08/07	4,361	4,054	3,929	3,897	3,951	4,034	4,178	4,637	4,927	5,177	5,493	5,769	5,927	6,029	6,204	6,370	6,358	6,194	6,084	5,886	5,678	5,458	5,020	4,610
08/09/07	4,230	3,935	3,813	3,783	3,836	3,926	4,086	4,526	4,808	5,042	5,348	5,614	5,771	5,879	6,049	6,209	6,196	6,044	5,938	5,747	5,547	5,326	4,888	4,478
08/10/07	4,967	4,811	4,788	4,655	4,490	4,399	4,702	5,061	5,339	5,535	5,794	6,242	6,266	6,494	6,663	6,655	6,787	6,676	6,287	6,145	6,048	5,814	5,419	5,212
08/11/07	4,614	4,491	4,237	4,184	3,985	4,119	4,171	4,403	4,770	5,135	5,526	5,682	6,019	6,076	6,219	6,414	6,401	6,194	5,993	5,977	5,726	5,564	5,206	4,857
08/12/07	4,036	3,879	3,704	3,652	3,538	3,529	3,565	3,786	4,074	4,440	4,722	4,985	5,222	5,372	5,475	5,659	5,607	5,577	5,437	5,414	5,292	4,994	4,622	4,183
08/13/07	4,346	4,253	3,935	3,890	4,058	4,144	4,422	4,691	5,078	5,318	5,639	5,808	6,110	6,229	6,400	6,531	6,516	6,492	6,189	6,044	5,904	5,746	5,277	4,800
08/14/07	4,330	4,025	3,900	3,869	3,922	4,008	4,157	4,611	4,899	5,147	5,459	5,732	5,890	5,993	6,167	6,333	6,321	6,159	6,050	5,853	5,648	5,426	4,989	4,579
08/15/07	4,311	4,009	3,886	3,854	3,907	3,993	4,143	4,594	4,880	5,126	5,439	5,711	5,868	5,972	6,145	6,310	6,299	6,139	6,029	5,834	5,628	5,408	4,970	4,560
08/16/07	4,314	4,010	3,886	3,856	3,910	3,995	4,146	4,599	4,888	5,128	5,440	5,713	5,871	5,975	6,148	6,311	6,296	6,138	6,031	5,837	5,631	5,412	4,972	4,563
08/17/07	4,090	3,950	3,906	3,823	3,760	3,802	4,145	4,483	4,760	4,971	5,208	5,560	5,651	5,855	6,000	6,049	6,136	6,040	5,768	5,578	5,418	5,188	4,770	4,496
08/18/07	3,808	3,672	3,488	3,433	3,322	3,408	3,482	3,716	4,047	4,372	4,698	4,862	5,119	5,201	5,347	5,479	5,490	5,369	5,221	5,151	4,944	4,746	4,416	4,093
08/19/07	4,029	3,872	3,698	3,645	3,532	3,523	3,559	3,779	4,067	4,432	4,714	4,977	5,213	5,363	5,467	5,650	5,599	5,568	5,429	5,405	5,283	4,986	4,614	4,175
08/20/07	4,047	3,940	3,671	3,625	3,766	3,861	4,147	4,411	4,764	4,992	5,277	5,440	5,709	5,831	5,993	6,117	6,113	6,080	5,822	5,666	5,521	5,342	4,884	4,422
08/21/07	4,136	3,851	3,730	3,699	3,751	3,846	4,016	4,440	4,712	4,948	5,243	5,500	5,657	5,768	5,935	6,095	6,089	5,938	5,829	5,643	5,449	5,226	4,791	4,382
08/22/07	3,719	3,479	3,371	3,339	3,389	3,502	3,708	4,070	4,305	4,510	4,763	4,981	5,127	5,246	5,400	5,543	5,550	5,413	5,300	5,155	4,994	4,772	4,349	3,949
08/23/07	4,028	3,754	3,636	3,607	3,657	3,757	3,936	4,346	4,611	4,834	5,121	5,370	5,525	5,639	5,804	5,956	5,950	5,807	5,699	5,523	5,336	5,114	4,679	4,272
08/24/07	4,105	3,965	3,922	3,838	3,774	3,815	4,158	4,497	4,775	4,986	5,223	5,578	5,668	5,873	6,018	6,066	6,154	6,058	5,785	5,594	5,434	5,203	4,786	4,512
08/25/07	3,727	3,591	3,413	3,359	3,255	3,337	3,412	3,642	3,967	4,284	4,600	4,763	5,010	5,096	5,240	5,368	5,383	5,266	5,121	5,053	4,854	4,654	4,327	4,006
08/26/07	3,704	3,551	3,396	3,341	3,249	3,235	3,270	3,471	3,744	4,074	4,335	4,578	4,796	4,945	5,055	5,220	5,197	5,166	5,040	5,007	4,896	4,615	4,257	3,849
08/27/07	3,758	3,649	3,419	3,377	3,500	3,609	3,902	4,161	4,479	4,694	4,951	5,107	5,352	5,481	5,637	5,758	5,762	5,716	5,484	5,340	5,200	5,006	4,559	4,111
08/28/07	3,617	3,388	3,282	3,253	3,303	3,422	3,638	3,985	4,209	4,405	4,642	4,847	4,989	5,107	5,256	5,395	5,404	5,270	5,159	5,028	4,876	4,654	4,238	3,843
08/29/07	3,469	3,257	3,159	3,131	3,183	3,311	3,541	3,865	4,068	4,245	4,461	4,647	4,779	4,892	5,032	5,160	5,173	5,047	4,943	4,832	4,694	4,477	4,071	3,683
08/30/07	3,750	3,505	3,395	3,366	3,416	3,528	3,732	4,100	4,340	4,542	4,799	5,021	5,169	5,288	5,443	5,585	5,587	5,453	5,342	5,195	5,031	4,809	4,384	3,982
08/31/07	3,749	3,612	3,557	3,484	3,446	3,515	3,848	4,160	4,414	4,612	4,825	5,126	5,228	5,417	5,556	5,612	5,680	5,577	5,333	5,167	5,017	4,794	4,398	4,114

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
09/01/07	3,134	2,998	2,842	2,790	2,715	2,792	2,876	3,097	3,400	3,684	3,953	4,102	4,309	4,399	4,530	4,653	4,677	4,579	4,456	4,407	4,237	4,026	3,706	3,382
09/02/07	3,286	3,130	2,979	2,923	2,840	2,826	2,861	3,062	3,339	3,662	3,919	4,162	4,377	4,531	4,648	4,813	4,805	4,775	4,652	4,621	4,514	4,227	3,858	3,443
09/03/07	3,472	3,324	3,148	3,107	3,007	2,994	3,041	3,226	3,579	3,980	4,257	4,599	4,814	4,913	5,111	5,292	5,331	5,250	5,036	4,986	4,774	4,529	4,187	3,834
09/04/07	3,437	3,190	3,076	3,044	3,097	3,220	3,444	3,817	4,059	4,271	4,528	4,751	4,904	5,029	5,189	5,337	5,346	5,203	5,085	4,939	4,775	4,540	4,098	3,678
09/05/07	3,680	3,407	3,287	3,253	3,305	3,416	3,617	4,028	4,293	4,525	4,813	5,063	5,223	5,347	5,516	5,675	5,677	5,527	5,408	5,235	5,048	4,813	4,359	3,932
09/06/07	4,055	3,732	3,594	3,554	3,602	3,686	3,843	4,303	4,594	4,835	5,152	5,427	5,584	5,688	5,860	6,021	6,022	5,875	5,777	5,590	5,392	5,175	4,727	4,311
09/07/07	3,597	3,451	3,395	3,317	3,271	3,338	3,692	4,028	4,302	4,515	4,745	5,075	5,181	5,384	5,532	5,591	5,666	5,560	5,297	5,114	4,953	4,717	4,293	3,995
09/08/07	3,608	3,465	3,268	3,211	3,092	3,183	3,262	3,509	3,861	4,205	4,551	4,725	4,998	5,084	5,238	5,377	5,389	5,260	5,103	5,029	4,809	4,601	4,251	3,910
09/09/07	3,767	3,601	3,420	3,364	3,248	3,238	3,276	3,505	3,806	4,186	4,481	4,755	5,001	5,158	5,269	5,459	5,409	5,377	5,232	5,205	5,077	4,766	4,376	3,920
09/10/07	4,023	3,908	3,586	3,528	3,684	3,769	4,058	4,330	4,716	4,955	5,268	5,435	5,730	5,846	6,013	6,138	6,137	6,126	5,845	5,699	5,564	5,405	4,931	4,451
09/11/07	3,816	3,528	3,404	3,371	3,424	3,530	3,720	4,150	4,428	4,670	4,969	5,231	5,395	5,515	5,688	5,853	5,850	5,696	5,579	5,393	5,196	4,960	4,504	4,073
09/12/07	3,815	3,528	3,404	3,370	3,424	3,528	3,718	4,148	4,425	4,666	4,968	5,230	5,393	5,514	5,687	5,851	5,849	5,695	5,577	5,391	5,194	4,959	4,502	4,072
09/13/07	3,614	3,346	3,227	3,196	3,249	3,362	3,571	3,972	4,234	4,454	4,735	4,979	5,138	5,263	5,430	5,583	5,583	5,439	5,322	5,157	4,976	4,742	4,289	3,863
09/14/07	3,602	3,455	3,400	3,321	3,275	3,342	3,696	4,032	4,306	4,519	4,750	5,081	5,186	5,390	5,538	5,597	5,672	5,566	5,302	5,120	4,958	4,722	4,297	4,000
09/15/07	3,524	3,381	3,191	3,134	3,022	3,110	3,188	3,433	3,777	4,114	4,450	4,622	4,886	4,975	5,128	5,264	5,279	5,155	5,001	4,928	4,716	4,505	4,160	3,820
09/16/07	3,636	3,472	3,299	3,241	3,134	3,121	3,159	3,380	3,675	4,042	4,328	4,595	4,834	4,991	5,104	5,286	5,249	5,216	5,077	5,044	4,920	4,616	4,232	3,788
09/17/07	3,585	3,469	3,220	3,175	3,307	3,419	3,728	4,001	4,343	4,573	4,849	5,015	5,278	5,412	5,578	5,707	5,710	5,663	5,414	5,259	5,110	4,908	4,433	3,959
09/18/07	3,616	3,349	3,229	3,197	3,249	3,363	3,571	3,971	4,232	4,460	4,739	4,981	5,140	5,265	5,432	5,589	5,593	5,444	5,326	5,158	4,978	4,742	4,292	3,865
09/19/07	3,665	3,393	3,273	3,239	3,292	3,403	3,606	4,014	4,278	4,508	4,795	5,043	5,203	5,327	5,496	5,654	5,657	5,507	5,388	5,216	5,031	4,796	4,343	3,916
09/20/07	3,619	3,350	3,232	3,201	3,253	3,367	3,574	3,976	4,239	4,459	4,741	4,985	5,144	5,269	5,436	5,590	5,590	5,445	5,328	5,162	4,981	4,747	4,294	3,868
09/21/07	3,230	3,092	3,031	2,967	2,947	3,045	3,390	3,689	3,919	4,100	4,292	4,554	4,656	4,834	4,970	5,028	5,083	4,971	4,743	4,603	4,462	4,238	3,849	3,549
09/22/07	3,223	3,084	2,919	2,865	2,782	2,860	2,941	3,168	3,483	3,781	4,069	4,227	4,450	4,542	4,680	4,807	4,830	4,725	4,591	4,534	4,354	4,141	3,813	3,484
09/23/07	2,903	2,768	2,650	2,607	2,553	2,554	2,598	2,777	3,016	3,269	3,467	3,657	3,823	3,949	4,050	4,188	4,204	4,198	4,123	4,122	4,040	3,782	3,440	3,059
09/24/07	2,884	2,788	2,629	2,608	2,720	2,886	3,222	3,467	3,694	3,860	4,050	4,169	4,355	4,484	4,619	4,727	4,741	4,682	4,516	4,443	4,322	4,111	3,684	3,262
09/25/07	3,421	3,175	3,062	3,030	3,083	3,207	3,432	3,803	4,043	4,254	4,508	4,729	4,881	5,006	5,165	5,313	5,322	5,179	5,062	4,918	4,755	4,521	4,079	3,660
09/26/07	3,160	2,945	2,846	2,818	2,874	3,014	3,265	3,596	3,798	3,975	4,191	4,376	4,509	4,625	4,768	4,897	4,912	4,784	4,679	4,574	4,435	4,208	3,785	3,381
09/27/07	2,927	2,742	2,658	2,640	2,704	2,869	3,152	3,444	3,601	3,728	3,894	4,036	4,142	4,239	4,357	4,461	4,472	4,371	4,305	4,240	4,120	3,908	3,510	3,129
09/28/07	3,221	3,083	3,022	2,959	2,939	3,038	3,384	3,681	3,910	4,089	4,280	4,540	4,642	4,819	4,954	5,012	5,067	4,954	4,728	4,590	4,448	4,225	3,838	3,538
09/29/07	2,773	2,661	2,548	2,514	2,479	2,571	2,681	2,873	3,110	3,306	3,468	3,547	3,664	3,711	3,789	3,880	3,907	3,863	3,823	3,823	3,696	3,512	3,239	2,951
09/30/07	2,552	2,456	2,382	2,366	2,352	2,402	2,487	2,640	2,811	2,953	3,041	3,116	3,181	3,223	3,257	3,335	3,358	3,415	3,469	3,540	3,475	3,270	2,987	2,662
10/01/07	2,467	2,399	2,295	2,295	2,406	2,611	2,965	3,167	3,297	3,384	3,491	3,544	3,652	3,733	3,816	3,885	3,895	3,876	3,813	3,803	3,703	3,521	3,160	2,799
10/02/07	2,625	2,478	2,415	2,407	2,479	2,671	2,982	3,224	3,317	3,393	3,497	3,584	3,651	3,714	3,797	3,873	3,883	3,819	3,809	3,782	3,680	3,490	3,142	2,801
10/03/07	2,675	2,520	2,453	2,441	2,510	2,692	2,991	3,244	3,352	3,442	3,564	3,665	3,742	3,813	3,906	3,989	4,001	3,926	3,898	3,862	3,756	3,563	3,204	2,855
10/04/07	2,730	2,565	2,492	2,479	2,545	2,718	3,008	3,272	3,399	3,499	3,636	3,752	3,839	3,920	4,022	4,110	4,119	4,037	3,995	3,949	3,841	3,643	3,273	2,916
10/05/07	2,757	2,645	2,596	2,556	2,568	2,708	3,054	3,294	3,438	3,544	3,662	3,822	3,884	4,006	4,102	4,140	4,172	4,083	3,940	3,868	3,757	3,571	3,253	2,979
10/06/07	2,666	2,558	2,451	2,418	2,386	2,475	2,582	2,767	2,994	3,180	3,334	3,409	3,519	3,563	3,636	3,723	3,749	3,708	3,672	3,674	3,552	3,375	3,113	2,836
10/07/07	2,803	2,672	2,558	2,516	2,464	2,464	2,507	2,679	2,911	3,156	3,348	3,532	3,694	3,815	3,914	4,047	4,063	4,056	3,983	3,982	3,902	3,652	3,322	2,954
10/08/07	2,835	2,740	2,578	2,556	2,664	2,819	3,140	3,381	3,612	3,781	3,973	4,095	4,283	4,411	4,546	4,654	4,667	4,609	4,438	4,358	4,238	4,033	3,615	3,201
10/09/07	3,077	2,865	2,766	2,740	2,793	2,927	3,167	3,491	3,692	3,868	4,080	4,262	4,394	4,508	4,648	4,777	4,790	4,663	4,560	4,454	4,317	4,096	3,686	3,294
10/10/07	3,100	2,886	2,788	2,759	2,812	2,944	3,180	3,508	3,712	3,891	4,109	4,296	4,429	4,543	4,686	4,815	4,828	4,701	4,595	4,485	4,346	4,125	3,712	3,318
10/11/07	3,101	2,885	2,786	2,760	2,813	2,945	3,182	3,511	3,718	3,890	4,108	4,295	4,429	4,544	4,686	4,813	4,822	4,698	4,595	4,486	4,347	4,127	3,712	3,319
10/12/07	3,171	3,042	2,989	2,931	2,914	3,011	3,351	3,652	3,887	4,074	4,273	4,542	4,649	4,831	4,971	5,035	5,097	4,975	4,735	4,581	4,428	4,196	3,802	3,498
10/13/07	2,831	2,709	2,580	2,536	2,484	2,563	2,654	2,852	3,114	3,347	3,557	3,672	3,830	3,901	4,005	4,111	4,137	4,065	3,980	3,956	3,815	3,621	3,333	3,035
10/14/07	2,700	2,578	2,475	2,439	2,396	2,406	2,456	2,621	2,838	3,057	3,225	3,385	3,525	3,630	3,717	3,838	3,858	3,864	3,816	3,830	3,757	3,518	3,200	2,844
10/15/07	2,643	2,559	2,425	2,414	2,521	2,699	3,034	3,258	3,444	3,578	3,733	3,828	3,981	4,093	4,207	4,301	4,313	4,267	4,140	4,093	3,983	3,786	3,392	3,001
10/16/07	2,673	2,519	2,450	2,439	2,508	2,691	2,991	3,243	3,352	3,443	3,562	3,662	3,739	3,811	3,903	3,987	3,998	3,923	3,896	3,860	3,755	3,561	3,203	2,854
10/17/07	2,655	2,504	2,438	2,428	2,498	2,683	2,986	3,235	3,337	3,422	3,538	3,634	3,706	3,775	3,864	3,944	3,955	3,884	3,863	3,831	3,726	3,535	3,179	2,833
10/18/07	2,623	2,476	2,413	2,408	2,480	2,672	2,983	3,226	3,319	3,388	3,494	3,581	3,648	3,711	3,794	3,866	3,872	3,812	3,805	3,780	3,677	3,490	3,139	2,798
10/19/07	2,614	2,517	2,477	2,450	2,477	2,646	3,006	3,223	3,323	3,388	3,467	3,579	3,615	3,705	3,775	3,799	3,822	3,755	3,666	3,625	3,524	3,359	3,072	2,811
10/20/07	2,540	2,447	2,360	2,339	2,325	2,428	2,555	2,729	2,925	3,067	3,167	3,199	3,263	3,273	3,317	3,380	3,405	3,398	3,415	3,441	3,332	3,175	2,938	2,685
10/21/07	2,405	2,321	2,259	2,251	2,246	2,307	2,402	2,545	2,694	2,806	2,864	2,906	2,944	2,960	2,973	3,032	3,053	3,126	3,213	3,300	3,238	3,054	2,795	2,495
10/22/07	2,384	2,324	2,238	2,245	2,359	2,581	2,948	3,134	3,230	3,285	3,361	3,386	3,464	3,520	3,580	3,632	3,640	3,643	3,626	3,635	3,540	3,370	3,031	2,690
10/23/07	2,456	2,341	2,299	2,306	2,391	2,622	2,976	3,181	3,206	3,221	3,265	3,297	3,322	3,347	3,390	3,434	3,435	3,420	3,488	3,496	3,399	3,232	2,922	2,613
10/24/07	2,445	2,333	2,294	2,301	2,387	2,620	2,976	3,179	3,199	3,208	3,250	3,279	3,300	3,321	3,362	3,403	3,404	3,394	3,467	3,478	3,379	3,216	2,908	2,600
10/25/07	2,434	2,323	2,285	2,296	2,383	2,619	2,980	3,181	3,198	3,196	3,234	3,259	3,277	3,295	3,333	3,368	3,365	3,362	3,444	3,458	3,360	3,200	2,893	2,588
10/26/07	2,388	2,321	2,305	2,303	2,361	2,589	2,992	3,168	3,181	3,162	3,163	3,184	3,159	3,184	3,195	3,187	3,194	3,187	3,221	3,233	3,146	3,027	2,800	2,571
10/27/07	2,294	2,244	2,210	2,221	2,252	2,404	2,595	2,750	2,866	2,894	2,858	2,765	2,704	2,606	2,565	2,554	2,571	2,670	2,846	2,930	2,840	2,742	2,577	2,392
10/28/07	2,299	2,236	2,197	2,205	2,220	2,317	2,446	2,579	2,685	2,737	2,727	2,694	2,666	2,620	2,580	2,595	2,610	2,728	2,908	3,039	2,977	2,826	2,607	2,343
10/29/07	2,312	2,241	2,237	2,254	2,369	2,632	3,034	3,216	3,184	3,154	3,108	3,023	2,978	2,962	2,899	2,908	2,910	3,026	3,248	3,245	3,197	3,057	2,789	2,532
10/30/07	2,500	2,458	2,412	2,444	2,547	2,891	3,319	3,520	3,447	3,311	3,217	3,139	3,049	3,022	2,958	2,944	2,959	3,118	3,348	3,358	3,313	3,195	2,947	2,670
10/31/07	2,378	2,326	2,277	2,297	2,384	2,687	3,080	3,260	3,219	3,133	3,080	3,031	2,964	2,949	2,899	2,886	2,900	3,023	3,222	3,241	3,186	3,064	2,819	2,549

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
11/01/07	2,341	2,263	2,248	2,274	2,373	2,640	3,030	3,190	3,138	3,072	3,050	3,021	2,995	2,970	2,964	2,965	2,951	3,004	3,171	3,212	3,116	2,987	2,733	2,473
11/02/07	2,351	2,299	2,293	2,301	2,369	2,612	3,017	3,171	3,151	3,100	3,070	3,057	3,009	3,006	2,992	2,971	2,972	2,992	3,077	3,106	3,026	2,932	2,736	2,530
11/03/07	2,279	2,244	2,226	2,247	2,289	2,450	2,654	2,799	2,887	2,883	2,810	2,685	2,590	2,463	2,399	2,365	2,378	2,506	2,723	2,818	2,734	2,659	2,521	2,364
11/04/07	2,293	2,246	2,219	2,236	2,262	2,376	2,520	2,642	2,720	2,735	2,688	2,612	2,547	2,466	2,394	2,384	2,393	2,532	2,759	2,911	2,849	2,724	2,537	2,306
11/05/07	2,320	2,278	2,221	2,239	2,354	2,592	2,966	3,118	3,155	3,153	3,173	3,148	3,171	3,180	3,197	3,215	3,217	3,264	3,328	3,365	3,278	3,138	2,851	2,557
11/06/07	2,402	2,311	2,284	2,301	2,391	2,639	3,006	3,180	3,161	3,135	3,140	3,137	3,133	3,130	3,146	3,167	3,161	3,182	3,301	3,328	3,234	3,090	2,818	2,542
11/07/07	2,414	2,320	2,293	2,307	2,397	2,639	3,002	3,180	3,166	3,144	3,157	3,159	3,158	3,158	3,178	3,201	3,197	3,213	3,325	3,349	3,254	3,109	2,833	2,554
11/08/07	2,414	2,319	2,291	2,308	2,398	2,640	3,004	3,183	3,171	3,143	3,155	3,158	3,157	3,158	3,177	3,198	3,190	3,209	3,323	3,349	3,254	3,111	2,833	2,554
11/09/07	2,454	2,385	2,366	2,361	2,412	2,622	3,000	3,175	3,200	3,194	3,206	3,239	3,224	3,257	3,277	3,274	3,283	3,266	3,281	3,284	3,200	3,079	2,853	2,629
11/10/07	2,424	2,359	2,305	2,301	2,313	2,437	2,592	2,747	2,890	2,963	2,984	2,948	2,940	2,894	2,889	2,911	2,931	2,981	3,081	3,139	3,047	2,928	2,740	2,534
11/11/07	2,325	2,269	2,234	2,244	2,263	2,361	2,491	2,616	2,711	2,751	2,730	2,686	2,648	2,593	2,545	2,553	2,565	2,686	2,874	3,007	2,947	2,808	2,605	2,359
11/12/07	2,404	2,350	2,271	2,279	2,389	2,605	2,959	3,134	3,218	3,264	3,329	3,348	3,415	3,463	3,516	3,561	3,568	3,577	3,571	3,584	3,493	3,333	3,013	2,691
11/13/07	2,474	2,367	2,329	2,337	2,421	2,646	2,990	3,182	3,199	3,206	3,242	3,267	3,286	3,306	3,343	3,381	3,381	3,373	3,447	3,458	3,364	3,208	2,915	2,622
11/14/07	2,415	2,366	2,319	2,338	2,421	2,712	3,089	3,261	3,222	3,139	3,088	3,041	2,977	2,962	2,915	2,902	2,916	3,034	3,223	3,242	3,189	3,073	2,838	2,579
11/15/07	2,513	2,463	2,435	2,483	2,567	2,854	3,283	3,485	3,430	3,305	3,219	3,153	3,084	3,049	3,029	2,984	3,002	3,113	3,303	3,344	3,283	3,148	2,916	2,653
11/16/07	2,366	2,311	2,303	2,309	2,374	2,613	3,013	3,171	3,157	3,112	3,089	3,083	3,039	3,042	3,032	3,015	3,017	3,031	3,106	3,131	3,050	2,952	2,752	2,543
11/17/07	2,273	2,240	2,223	2,245	2,288	2,452	2,658	2,802	2,888	2,880	2,803	2,674	2,575	2,444	2,377	2,340	2,353	2,484	2,707	2,804	2,720	2,647	2,512	2,357
11/18/07	2,293	2,246	2,219	2,236	2,262	2,376	2,520	2,642	2,720	2,735	2,688	2,612	2,547	2,466	2,395	2,384	2,393	2,533	2,760	2,911	2,849	2,725	2,537	2,306
11/19/07	2,267	2,235	2,197	2,223	2,344	2,601	2,991	3,123	3,119	3,074	3,053	2,990	2,972	2,942	2,926	2,918	2,916	3,001	3,131	3,184	3,100	2,979	2,722	2,452
11/20/07	2,512	2,463	2,435	2,481	2,565	2,853	3,282	3,482	3,426	3,308	3,219	3,152	3,083	3,048	3,027	2,987	3,008	3,115	3,304	3,344	3,282	3,145	2,916	2,653
11/21/07	2,513	2,464	2,437	2,482	2,566	2,853	3,281	3,482	3,425	3,306	3,220	3,153	3,084	3,048	3,028	2,986	3,009	3,116	3,303	3,344	3,282	3,146	2,916	2,652
11/22/07	2,449	2,383	2,353	2,372	2,406	2,519	2,666	2,837	2,921	2,922	2,896	2,835	2,775	2,694	2,641	2,603	2,653	2,822	3,019	3,080	3,024	2,939	2,740	2,530
11/23/07	2,455	2,434	2,466	2,479	2,594	2,821	3,150	3,316	3,385	3,264	3,170	3,074	2,961	2,907	2,848	2,820	2,867	3,011	3,278	3,244	3,133	3,084	2,842	2,592
11/24/07	2,546	2,484	2,451	2,493	2,550	2,749	3,073	3,273	3,305	3,245	3,159	3,042	2,999	2,917	2,842	2,842	2,881	3,105	3,318	3,278	3,176	3,108	2,936	2,695
11/25/07	2,668	2,615	2,595	2,632	2,681	2,813	2,991	3,207	3,286	3,255	3,177	3,057	2,955	2,840	2,768	2,723	2,790	2,993	3,243	3,298	3,247	3,154	2,948	2,722
11/26/07	2,692	2,607	2,611	2,625	2,761	3,048	3,512	3,750	3,666	3,525	3,384	3,213	3,108	3,066	2,968	2,998	3,033	3,258	3,575	3,557	3,547	3,426	3,171	2,915
11/27/07	2,820	2,771	2,710	2,738	2,829	3,191	3,612	3,817	3,715	3,511	3,348	3,220	3,086	3,042	2,959	2,949	2,991	3,251	3,564	3,565	3,546	3,458	3,228	2,961
11/28/07	2,821	2,771	2,712	2,739	2,830	3,191	3,612	3,817	3,714	3,509	3,348	3,222	3,087	3,042	2,960	2,949	2,992	3,251	3,564	3,565	3,546	3,459	3,227	2,961
11/29/07	2,721	2,666	2,606	2,630	2,719	3,065	3,478	3,676	3,586	3,396	3,259	3,151	3,034	2,998	2,925	2,914	2,947	3,180	3,470	3,479	3,456	3,365	3,134	2,871
11/30/07	2,593	2,548	2,537	2,570	2,711	2,970	3,444	3,660	3,565	3,426	3,320	3,172	3,099	3,055	2,962	2,934	2,964	3,046	3,276	3,297	3,217	3,175	3,012	2,795
12/01/07	2,809	2,723	2,720	2,746	2,809	2,965	3,212	3,467	3,561	3,528	3,418	3,267	3,155	3,035	2,952	2,906	2,941	3,122	3,398	3,403	3,337	3,240	3,085	2,879
12/02/07	2,809	2,751	2,730	2,770	2,825	2,971	3,169	3,409	3,497	3,462	3,373	3,239	3,125	2,997	2,916	2,866	2,941	3,166	3,444	3,504	3,448	3,345	3,117	2,868
12/03/07	2,779	2,716	2,742	2,780	2,952	3,295	3,826	4,106	4,003	3,841	3,681	3,494	3,376	3,323	3,210	3,225	3,241	3,454	3,779	3,763	3,739	3,597	3,303	3,008
12/04/07	2,966	2,938	2,899	2,957	3,085	3,507	3,997	4,249	4,127	3,894	3,708	3,560	3,405	3,346	3,244	3,220	3,251	3,515	3,840	3,830	3,794	3,682	3,416	3,110
12/05/07	2,949	2,920	2,883	2,938	3,065	3,484	3,972	4,222	4,101	3,872	3,692	3,548	3,395	3,336	3,237	3,213	3,244	3,503	3,823	3,814	3,778	3,666	3,399	3,093
12/06/07	3,056	3,032	2,994	3,058	3,190	3,623	4,123	4,383	4,253	3,996	3,795	3,633	3,462	3,397	3,287	3,257	3,290	3,583	3,929	3,913	3,880	3,775	3,503	3,193
12/07/07	3,111	3,066	3,051	3,106	3,285	3,572	4,107	4,409	4,290	4,062	3,854	3,613	3,462	3,373	3,222	3,189	3,267	3,496	3,815	3,790	3,698	3,681	3,515	3,258
12/08/07	3,214	3,113	3,116	3,145	3,209	3,349	3,498	3,726	3,879	3,963	3,964	3,875	3,780	3,650	3,570	3,522	3,573	3,842	4,042	4,048	4,002	3,894	3,689	3,437
12/09/07	2,972	2,923	2,902	2,959	3,024	3,183	3,398	3,666	3,757	3,714	3,611	3,457	3,331	3,187	3,102	3,042	3,131	3,390	3,686	3,738	3,682	3,572	3,325	3,054
12/10/07	2,826	2,761	2,791	2,831	3,006	3,350	3,886	4,173	4,069	3,902	3,735	3,539	3,414	3,356	3,239	3,257	3,278	3,505	3,838	3,811	3,788	3,644	3,350	3,055
12/11/07	3,005	2,979	2,940	3,000	3,130	3,557	4,052	4,306	4,180	3,940	3,746	3,591	3,428	3,366	3,261	3,236	3,269	3,544	3,878	3,865	3,831	3,721	3,453	3,145
12/12/07	2,854	2,821	2,781	2,831	2,953	3,357	3,836	4,077	3,966	3,760	3,603	3,478	3,342	3,292	3,203	3,181	3,207	3,437	3,734	3,732	3,692	3,576	3,311	3,010
12/13/07	2,914	2,882	2,843	2,899	3,025	3,438	3,924	4,172	4,057	3,829	3,658	3,522	3,375	3,320	3,224	3,199	3,223	3,475	3,789	3,784	3,747	3,634	3,366	3,062
12/14/07	2,828	2,787	2,777	2,825	2,991	3,283	3,826	4,097	3,976	3,793	3,642	3,446	3,338	3,272	3,153	3,116	3,161	3,293	3,581	3,583	3,493	3,452	3,275	3,037
12/15/07	2,797	2,710	2,707	2,731	2,794	2,948	3,193	3,445	3,540	3,509	3,404	3,257	3,148	3,030	2,948	2,903	2,938	3,115	3,388	3,395	3,330	3,231	3,076	2,869
12/16/07	2,712	2,648	2,625	2,658	2,707	2,846	3,031	3,251	3,335	3,311	3,243	3,134	3,038	2,928	2,857	2,811	2,879	3,087	3,342	3,405	3,344	3,247	3,024	2,784
12/17/07	2,559	2,496	2,501	2,529	2,674	2,996	3,477	3,701	3,619	3,523	3,427	3,304	3,233	3,206	3,126	3,131	3,131	3,286	3,555	3,567	3,530	3,390	3,092	2,804
12/18/07	2,627	2,581	2,532	2,564	2,669	3,026	3,474	3,682	3,610	3,475	3,383	3,305	3,215	3,189	3,124	3,110	3,125	3,286	3,522	3,535	3,486	3,360	3,099	2,808
12/19/07	2,595	2,547	2,498	2,526	2,628	2,975	3,413	3,617	3,551	3,428	3,349	3,279	3,195	3,171	3,111	3,096	3,111	3,263	3,490	3,505	3,453	3,327	3,066	2,777
12/20/07	2,572	2,520	2,470	2,498	2,597	2,936	3,369	3,569	3,513	3,393	3,321	3,258	3,178	3,158	3,100	3,083	3,093	3,241	3,465	3,483	3,430	3,304	3,042	2,754
12/21/07	2,794	2,744	2,727	2,780	2,881	3,193	3,673	3,858	3,788	3,568	3,416	3,288	3,166	3,093	3,034	3,028	3,035	3,166	3,400	3,404	3,379	3,345	3,191	2,924
12/22/07	2,383	2,342	2,318	2,339	2,382	2,556	2,776	2,936	3,039	3,041	2,970	2,841	2,745	2,613	2,548	2,516	2,530	2,663	2,892	2,993	2,900	2,813	2,656	2,479
12/23/07	2,373	2,325	2,299	2,321	2,353	2,485	2,651	2,784	2,862	2,868	2,803	2,706	2,622	2,520	2,431	2,411	2,419	2,581	2,850	3,024	2,955	2,825	2,626	2,378
12/24/07	2,491	2,434	2,431	2,470	2,580	2,890	3,421	3,617	3,561	3,439	3,395	3,301	3,247	3,226	3,190	3,173	3,188	3,301	3,465	3,502	3,421	3,285	2,996	2,701
12/25/07	2,564	2,540	2,575	2,588	2,716	2,971	3,334	3,515	3,587	3,453	3,351	3,247	3,123	3,063	2,996	2,966	3,017	3,176	3,471	3,432	3,311	3,244	2,971	2,696
12/26/07	2,583	2,534	2,485	2,512	2,612	2,955	3,390	3,591	3,529	3,411	3,335	3,269	3,186	3,164	3,105	3,090	3,106	3,253	3,477	3,493	3,441	3,315	3,054	2,765
12/27/07	2,629	2,573	2,543	2,595	2,688	3,005	3,477	3,699	3,639	3,502	3,406	3,334	3,258	3,219	3,197	3,148	3,168	3,289	3,499	3,545	3,477	3,328	3,073	2,783
12/28/07	2,655	2,600	2,585	2,615	2,763	3,041	3,547	3,767	3,674	3,542	3,446	3,304	3,239	3,202	3,108	3,082	3,109	3,178	3,410	3,442	3,354	3,303	3,120	2,880
12/29/07	2,708	2,619	2,608	2,626	2,679	2,825	3,050	3,281	3,381	3,380	3,307	3,191	3,100	2,997	2,925	2,886	2,920	3,073	3,320	3,340	3,274	3,170	3,009	2,799
12/30/07	2,697	2,633	2,609	2,641	2,688	2,826	3,009	3,226	3,309	3,287	3,223	3,119	3,026	2,919	2,849	2,804	2,871	3,076	3,328	3,390	3,329	3,232	3,010	2,771
12/31/07	2,631	2,570	2,582	2,614	2,770	3,104	3,607	3,852	3,758	3,633	3,511	3,365	3,277	3,242	3,151	3,157	3,160	3,334	3,624	3,632	3,601	3,462	3,164	2,871

APS Own Load Hourly mW Forecast

46

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
01/01/08	2,814	2,750	2,726	2,763	2,814	2,965	3,163	3,396	3,483	3,453	3,370	3,244	3,135	3,011	2,933	2,885	2,957	3,180	3,454	3,518	3,460	3,361	3,135	2,886
01/02/08	2,812	2,771	2,727	2,768	2,887	3,279	3,757	3,988	3,891	3,713	3,587	3,483	3,367	3,327	3,249	3,230	3,251	3,451	3,723	3,729	3,683	3,560	3,289	2,985
01/03/08	2,812	2,770	2,725	2,769	2,888	3,280	3,759	3,991	3,897	3,712	3,586	3,482	3,367	3,328	3,249	3,228	3,244	3,447	3,722	3,730	3,685	3,562	3,290	2,986
01/04/08	2,898	2,855	2,845	2,893	3,063	3,363	3,918	4,195	4,072	3,885	3,732	3,532	3,423	3,356	3,235	3,197	3,243	3,376	3,670	3,673	3,581	3,539	3,357	3,113
01/05/08	3,070	2,982	2,989	3,027	3,107	3,271	3,549	3,845	3,953	3,886	3,728	3,524	3,377	3,229	3,123	3,065	3,104	3,353	3,673	3,627	3,560	3,466	3,315	3,111
01/06/08	2,943	2,886	2,865	2,911	2,971	3,124	3,334	3,591	3,684	3,645	3,545	3,395	3,270	3,129	3,042	2,987	3,069	3,311	3,606	3,666	3,610	3,500	3,262	3,000
01/07/08	2,949	2,881	2,915	2,959	3,142	3,494	4,049	4,346	4,238	4,065	3,892	3,684	3,551	3,488	3,364	3,386	3,415	3,663	4,010	3,972	3,947	3,796	3,493	3,190
01/08/08	3,294	3,262	3,197	3,247	3,367	3,820	4,346	4,590	4,448	4,178	3,964	3,779	3,592	3,533	3,416	3,395	3,451	3,800	4,183	4,159	4,141	4,054	3,774	3,459
01/09/08	3,227	3,191	3,131	3,180	3,298	3,740	4,249	4,497	4,360	4,096	3,885	3,710	3,528	3,467	3,354	3,333	3,386	3,720	4,098	4,081	4,059	3,967	3,692	3,379
01/10/08	3,267	3,232	3,170	3,223	3,343	3,791	4,309	4,558	4,420	4,144	3,932	3,752	3,567	3,506	3,391	3,366	3,416	3,763	4,147	4,127	4,107	4,019	3,739	3,425
01/11/08	3,014	2,977	2,969	3,027	3,205	3,508	4,073	4,376	4,246	4,034	3,852	3,625	3,491	3,409	3,272	3,229	3,290	3,466	3,783	3,765	3,671	3,634	3,454	3,207
01/12/08	3,046	2,958	2,965	3,002	3,081	3,245	3,521	3,815	3,919	3,854	3,699	3,500	3,355	3,210	3,106	3,049	3,088	3,328	3,645	3,606	3,539	3,445	3,293	3,089
01/13/08	2,906	2,847	2,826	2,869	2,927	3,078	3,283	3,534	3,625	3,587	3,493	3,351	3,230	3,095	3,010	2,958	3,036	3,271	3,561	3,622	3,565	3,457	3,222	2,964
01/14/08	2,824	2,760	2,784	2,822	2,995	3,346	3,887	4,169	4,064	3,902	3,745	3,560	3,443	3,392	3,281	3,294	3,307	3,517	3,845	3,834	3,809	3,664	3,362	3,060
01/15/08	2,794	2,752	2,706	2,747	2,864	3,253	3,730	3,958	3,865	3,694	3,569	3,468	3,357	3,320	3,242	3,225	3,244	3,438	3,707	3,714	3,668	3,543	3,273	2,970
01/16/08	2,812	2,771	2,727	2,768	2,887	3,279	3,757	3,988	3,891	3,713	3,587	3,483	3,367	3,327	3,249	3,230	3,251	3,451	3,723	3,729	3,683	3,560	3,289	2,985
01/17/08	2,778	2,733	2,687	2,729	2,845	3,229	3,703	3,930	3,842	3,668	3,552	3,456	3,348	3,312	3,238	3,217	3,232	3,425	3,690	3,700	3,653	3,529	3,257	2,955
01/18/08	2,789	2,738	2,725	2,763	2,923	3,214	3,750	3,995	3,887	3,731	3,611	3,443	3,361	3,311	3,206	3,175	3,208	3,301	3,561	3,585	3,495	3,447	3,262	3,017
01/19/08	2,745	2,653	2,639	2,654	2,705	2,851	3,074	3,302	3,408	3,421	3,359	3,251	3,166	3,065	2,995	2,956	2,991	3,142	3,385	3,406	3,337	3,228	3,062	2,845
01/20/08	2,766	2,700	2,675	2,708	2,757	2,898	3,085	3,307	3,392	3,371	3,305	3,199	3,105	2,995	2,923	2,877	2,946	3,156	3,413	3,478	3,415	3,316	3,088	2,843
01/21/08	2,659	2,587	2,558	2,583	2,624	2,757	2,929	3,125	3,214	3,215	3,176	3,078	3,003	2,914	2,853	2,812	2,875	3,067	3,294	3,361	3,299	3,200	2,976	2,741
01/22/08	2,695	2,647	2,596	2,629	2,737	3,102	3,561	3,773	3,700	3,563	3,469	3,390	3,298	3,272	3,206	3,191	3,206	3,370	3,612	3,625	3,575	3,446	3,178	2,880
01/23/08	2,684	2,635	2,586	2,617	2,723	3,084	3,539	3,751	3,679	3,545	3,458	3,382	3,292	3,266	3,201	3,186	3,202	3,363	3,601	3,615	3,563	3,435	3,167	2,869
01/24/08	2,693	2,643	2,593	2,628	2,736	3,099	3,557	3,771	3,700	3,556	3,466	3,389	3,297	3,271	3,206	3,187	3,199	3,366	3,609	3,624	3,573	3,446	3,176	2,877
01/25/08	2,869	2,817	2,799	2,854	2,957	3,277	3,770	3,960	3,888	3,662	3,507	3,375	3,249	3,175	3,115	3,108	3,115	3,249	3,489	3,494	3,469	3,433	3,276	3,002
01/26/08	2,433	2,394	2,374	2,398	2,445	2,628	2,858	3,021	3,121	3,116	3,034	2,892	2,785	2,641	2,568	2,529	2,544	2,688	2,935	3,042	2,947	2,862	2,707	2,530
01/27/08	2,444	2,392	2,364	2,384	2,415	2,547	2,713	2,850	2,935	2,947	2,888	2,795	2,716	2,619	2,533	2,517	2,526	2,688	2,953	3,128	3,058	2,920	2,712	2,454
01/28/08	2,558	2,499	2,496	2,536	2,649	2,966	3,511	3,712	3,655	3,530	3,485	3,388	3,333	3,312	3,274	3,257	3,272	3,389	3,557	3,594	3,511	3,372	3,076	2,773
01/29/08	2,520	2,429	2,409	2,434	2,543	2,840	3,275	3,458	3,407	3,349	3,330	3,303	3,279	3,258	3,257	3,266	3,255	3,303	3,478	3,519	3,411	3,259	2,969	2,671
01/30/08	2,698	2,643	2,613	2,663	2,758	3,083	3,566	3,794	3,729	3,595	3,497	3,422	3,343	3,303	3,280	3,233	3,259	3,380	3,592	3,637	3,567	3,414	3,154	2,856
01/31/08	2,695	2,646	2,596	2,630	2,739	3,103	3,561	3,775	3,704	3,559	3,468	3,391	3,299	3,272	3,207	3,188	3,200	3,368	3,611	3,626	3,575	3,449	3,178	2,880
02/01/08	2,616	2,555	2,536	2,562	2,712	2,999	3,520	3,738	3,651	3,531	3,447	3,314	3,257	3,225	3,134	3,108	3,135	3,194	3,420	3,459	3,365	3,305	3,109	2,854
02/02/08	2,704	2,609	2,597	2,613	2,668	2,821	3,055	3,295	3,403	3,409	3,338	3,221	3,129	3,021	2,947	2,907	2,943	3,102	3,358	3,380	3,309	3,198	3,027	2,804
02/03/08	2,698	2,630	2,604	2,637	2,686	2,831	3,023	3,250	3,338	3,317	3,252	3,145	3,050	2,938	2,865	2,818	2,888	3,103	3,366	3,433	3,368	3,266	3,031	2,778
02/04/08	2,639	2,575	2,587	2,621	2,786	3,139	3,672	3,932	3,832	3,700	3,572	3,417	3,324	3,287	3,191	3,197	3,200	3,384	3,691	3,699	3,667	3,519	3,204	2,894
02/05/08	2,808	2,768	2,723	2,771	2,897	3,313	3,815	4,060	3,953	3,754	3,605	3,486	3,356	3,310	3,223	3,203	3,226	3,448	3,745	3,747	3,703	3,576	3,297	2,981
02/06/08	2,877	2,841	2,799	2,852	2,981	3,409	3,916	4,171	4,054	3,835	3,670	3,537	3,393	3,340	3,246	3,223	3,250	3,494	3,808	3,806	3,764	3,641	3,360	3,041
02/07/08	2,913	2,878	2,836	2,894	3,026	3,459	3,971	4,231	4,112	3,877	3,703	3,563	3,413	3,358	3,259	3,232	3,257	3,515	3,841	3,838	3,797	3,677	3,394	3,073
02/08/08	3,017	2,972	2,956	3,011	3,191	3,496	4,070	4,401	4,253	4,029	3,831	3,590	3,445	3,358	3,212	3,172	3,245	3,451	3,790	3,767	3,672	3,641	3,462	3,206
02/09/08	2,906	2,815	2,818	2,850	2,925	3,093	3,368	3,655	3,756	3,702	3,562	3,378	3,244	3,106	3,008	2,955	2,993	3,209	3,521	3,507	3,437	3,337	3,178	2,963
02/10/08	2,851	2,790	2,768	2,813	2,873	3,029	3,240	3,499	3,593	3,554	3,457	3,310	3,185	3,046	2,959	2,905	2,985	3,228	3,527	3,590	3,531	3,420	3,178	2,911
02/11/08	2,654	2,590	2,604	2,639	2,806	3,161	3,698	3,961	3,860	3,722	3,589	3,430	3,333	3,294	3,196	3,203	3,207	3,395	3,706	3,712	3,681	3,533	3,218	2,908
02/12/08	2,772	2,731	2,684	2,730	2,853	3,263	3,759	4,000	3,899	3,710	3,571	3,459	3,337	3,295	3,211	3,192	3,213	3,425	3,712	3,717	3,671	3,543	3,265	2,950
02/13/08	2,675	2,628	2,579	2,615	2,731	3,117	3,598	3,825	3,740	3,582	3,476	3,386	3,282	3,250	3,178	3,160	3,179	3,361	3,620	3,631	3,581	3,450	3,172	2,862
02/14/08	2,663	2,614	2,564	2,602	2,716	3,100	3,579	3,805	3,725	3,565	3,462	3,376	3,275	3,245	3,174	3,154	3,167	3,349	3,608	3,621	3,570	3,441	3,161	2,851
02/15/08	2,642	2,583	2,565	2,594	2,748	3,039	3,568	3,794	3,700	3,570	3,477	3,334	3,271	3,235	3,140	3,113	3,141	3,207	3,443	3,480	3,386	3,330	3,135	2,881
02/16/08	2,669	2,572	2,557	2,570	2,621	2,770	2,996	3,227	3,339	3,359	3,301	3,196	3,112	3,010	2,939	2,901	2,937	3,089	3,335	3,356	3,285	3,171	2,998	2,775
02/17/08	2,580	2,505	2,472	2,494	2,534	2,664	2,834	3,034	3,129	3,138	3,106	3,035	2,967	2,874	2,812	2,770	2,834	3,026	3,254	3,322	3,256	3,150	2,917	2,670
02/18/08	2,358	2,319	2,272	2,300	2,440	2,737	3,190	3,347	3,349	3,304	3,287	3,220	3,206	3,178	3,165	3,160	3,158	3,251	3,391	3,451	3,352	3,207	2,902	2,584
02/19/08	2,637	2,579	2,547	2,600	2,698	3,035	3,534	3,769	3,703	3,565	3,462	3,383	3,303	3,262	3,238	3,190	3,215	3,340	3,560	3,607	3,535	3,375	3,108	2,801
02/20/08	2,637	2,580	2,549	2,601	2,699	3,035	3,533	3,768	3,702	3,563	3,462	3,385	3,303	3,261	3,238	3,190	3,216	3,341	3,560	3,607	3,535	3,376	3,108	2,800
02/21/08	2,432	2,342	2,326	2,357	2,472	2,786	3,243	3,429	3,364	3,285	3,257	3,221	3,188	3,158	3,149	3,149	3,131	3,196	3,395	3,444	3,331	3,182	2,887	2,585
02/22/08	2,813	2,760	2,742	2,798	2,905	3,235	3,744	3,940	3,865	3,633	3,472	3,336	3,206	3,129	3,067	3,060	3,068	3,206	3,454	3,458	3,433	3,396	3,233	2,951
02/23/08	2,380	2,336	2,310	2,332	2,377	2,561	2,792	2,962	3,072	3,076	3,002	2,867	2,767	2,629	2,561	2,528	2,544	2,683	2,923	3,029	2,931	2,838	2,671	2,482
02/24/08	2,381	2,326	2,295	2,315	2,345	2,477	2,645	2,787	2,878	2,897	2,842	2,755	2,680	2,586	2,503	2,492	2,502	2,664	2,928	3,104	3,032	2,886	2,668	2,397
02/25/08	2,390	2,345	2,286	2,310	2,446	2,731	3,173	3,343	3,371	3,353	3,361	3,319	3,331	3,327	3,335	3,347	3,348	3,417	3,515	3,564	3,464	3,307	2,983	2,649
02/26/08	2,466	2,369	2,346	2,370	2,481	2,784	3,227	3,420	3,374	3,322	3,308	3,286	3,267	3,249	3,252	3,266	3,255	3,299	3,469	3,509	3,398	3,239	2,935	2,624
02/27/08	2,449	2,357	2,338	2,364	2,476	2,784	3,233	3,422	3,365	3,303	3,283	3,255	3,228	3,203	3,201	3,209	3,198	3,250	3,432	3,476	3,364	3,209	2,911	2,604
02/28/08	2,638	2,579	2,547	2,602	2,701	3,036	3,535	3,771	3,708	3,562	3,461	3,384	3,304	3,262	3,239	3,188	3,209	3,337	3,560	3,608	3,536	3,378	3,108	2,801
02/29/08	2,813	2,760	2,742	2,798	2,905	3,235	3,744	3,940	3,865	3,633	3,472	3,336	3,206	3,129	3,067	3,060	3,068	3,206	3,454	3,458	3,433	3,396	3,233	2,951

APS Own Load Hourly mW Forecast

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Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
03/01/08	2,576	2,514	2,481	2,522	2,580	2,781	3,107	3,309	3,342	3,280	3,194	3,076	3,033	2,950	2,874	2,874	2,914	3,140	3,354	3,314	3,211	3,142	2,969	2,726
03/02/08	2,557	2,528	2,502	2,528	2,576	2,722	2,925	3,116	3,202	3,148	3,047	2,919	2,821	2,754	2,675	2,631	2,687	2,860	3,160	3,167	3,130	2,985	2,784	2,563
03/03/08	2,417	2,365	2,362	2,398	2,499	2,782	3,268	3,447	3,396	3,284	3,244	3,158	3,109	3,090	3,057	3,041	3,055	3,159	3,308	3,342	3,268	3,143	2,880	2,610
03/04/08	2,542	2,493	2,464	2,511	2,595	2,886	3,318	3,520	3,464	3,345	3,255	3,187	3,118	3,082	3,062	3,021	3,042	3,150	3,340	3,380	3,318	3,180	2,949	2,684
03/05/08	2,514	2,470	2,425	2,451	2,544	2,862	3,264	3,450	3,390	3,277	3,203	3,139	3,062	3,040	2,985	2,971	2,985	3,124	3,332	3,346	3,299	3,184	2,945	2,680
03/06/08	2,550	2,507	2,463	2,495	2,592	2,920	3,331	3,524	3,458	3,325	3,241	3,169	3,085	3,060	3,001	2,983	2,994	3,147	3,367	3,380	3,335	3,223	2,981	2,714
03/07/08	2,512	2,459	2,442	2,464	2,591	2,837	3,283	3,468	3,396	3,298	3,229	3,118	3,072	3,046	2,969	2,947	2,970	3,018	3,209	3,243	3,161	3,108	2,938	2,718
03/08/08	2,617	2,536	2,526	2,542	2,591	2,726	2,932	3,143	3,234	3,233	3,166	3,059	2,976	2,880	2,814	2,778	2,810	2,951	3,177	3,195	3,134	3,039	2,892	2,700
03/09/08	2,705	2,651	2,632	2,669	2,719	2,852	3,033	3,252	3,332	3,300	3,219	3,098	2,994	2,877	2,804	2,758	2,826	3,032	3,285	3,340	3,289	3,195	2,986	2,759
03/10/08	2,592	2,567	2,610	2,671	2,846	3,184	3,680	3,939	3,837	3,703	3,573	3,421	3,322	3,274	3,174	3,166	3,155	3,303	3,558	3,549	3,507	3,366	3,078	2,795
03/11/08	2,563	2,522	2,478	2,509	2,608	2,940	3,354	3,548	3,477	3,346	3,255	3,179	3,093	3,066	3,005	2,991	3,006	3,159	3,381	3,391	3,348	3,233	2,994	2,727
03/12/08	2,550	2,508	2,465	2,494	2,591	2,919	3,329	3,521	3,453	3,326	3,242	3,169	3,085	3,059	3,000	2,985	3,001	3,150	3,368	3,379	3,334	3,220	2,981	2,714
03/13/08	2,538	2,494	2,449	2,480	2,576	2,901	3,309	3,500	3,437	3,308	3,228	3,159	3,077	3,054	2,996	2,979	2,989	3,139	3,355	3,369	3,323	3,210	2,969	2,703
03/14/08	2,695	2,649	2,633	2,681	2,774	3,059	3,499	3,668	3,604	3,403	3,264	3,146	3,034	2,968	2,914	2,908	2,914	3,034	3,248	3,252	3,230	3,198	3,058	2,814
03/15/08	2,576	2,514	2,481	2,522	2,580	2,781	3,107	3,309	3,342	3,280	3,194	3,076	3,033	2,950	2,874	2,874	2,914	3,140	3,354	3,314	3,211	3,142	2,969	2,726
03/16/08	2,557	2,528	2,502	2,528	2,576	2,722	2,925	3,116	3,202	3,148	3,047	2,919	2,821	2,754	2,675	2,631	2,687	2,860	3,160	3,167	3,130	2,985	2,784	2,563
03/17/08	2,417	2,365	2,362	2,398	2,499	2,782	3,268	3,447	3,396	3,284	3,244	3,158	3,109	3,090	3,057	3,041	3,055	3,159	3,308	3,342	3,268	3,143	2,880	2,610
03/18/08	2,542	2,493	2,464	2,511	2,595	2,886	3,318	3,520	3,464	3,345	3,255	3,187	3,118	3,082	3,062	3,021	3,042	3,150	3,340	3,380	3,318	3,180	2,949	2,684
03/19/08	2,382	2,301	2,285	2,307	2,404	2,669	3,057	3,221	3,172	3,119	3,103	3,079	3,056	3,036	3,034	3,042	3,032	3,076	3,233	3,271	3,174	3,040	2,781	2,516
03/20/08	2,382	2,300	2,283	2,308	2,405	2,671	3,059	3,223	3,178	3,118	3,102	3,079	3,057	3,037	3,035	3,040	3,026	3,074	3,233	3,271	3,175	3,042	2,781	2,516
03/21/08	2,695	2,649	2,633	2,681	2,774	3,059	3,499	3,668	3,604	3,403	3,264	3,146	3,034	2,968	2,914	2,908	2,914	3,034	3,248	3,252	3,230	3,198	3,058	2,814
03/22/08	2,359	2,312	2,280	2,291	2,322	2,470	2,655	2,805	2,915	2,941	2,903	2,812	2,751	2,655	2,614	2,602	2,618	2,715	2,888	2,970	2,883	2,790	2,631	2,454
03/23/08	2,313	2,268	2,243	2,262	2,290	2,409	2,558	2,681	2,754	2,764	2,708	2,624	2,551	2,462	2,384	2,368	2,376	2,522	2,761	2,919	2,856	2,734	2,550	2,321
03/24/08	2,327	2,288	2,238	2,259	2,377	2,624	3,007	3,153	3,175	3,157	3,162	3,124	3,132	3,127	3,132	3,141	3,142	3,203	3,291	3,334	3,248	3,113	2,835	2,548
03/25/08	2,402	2,317	2,295	2,315	2,410	2,669	3,049	3,218	3,183	3,141	3,133	3,118	3,103	3,091	3,096	3,110	3,102	3,136	3,277	3,310	3,215	3,075	2,811	2,539
03/26/08	2,445	2,351	2,323	2,337	2,427	2,670	3,035	3,215	3,202	3,182	3,196	3,199	3,199	3,200	3,220	3,244	3,241	3,256	3,366	3,390	3,295	3,148	2,869	2,587
03/27/08	2,411	2,322	2,300	2,321	2,415	2,670	3,048	3,220	3,190	3,146	3,144	3,133	3,121	3,112	3,120	3,133	3,122	3,156	3,293	3,326	3,230	3,091	2,821	2,548
03/28/08	2,557	2,477	2,450	2,435	2,476	2,667	3,034	3,223	3,278	3,300	3,339	3,403	3,410	3,466	3,506	3,514	3,529	3,490	3,462	3,448	3,358	3,220	2,972	2,735
03/29/08	2,464	2,396	2,339	2,334	2,344	2,467	2,620	2,777	2,925	3,004	3,031	3,000	2,998	2,956	2,955	2,981	3,001	3,046	3,141	3,196	3,103	2,980	2,788	2,577
03/30/08	2,428	2,355	2,303	2,301	2,304	2,375	2,478	2,613	2,741	2,828	2,859	2,874	2,887	2,881	2,875	2,917	2,936	3,021	3,138	3,237	3,178	3,012	2,776	2,500
03/31/08	2,400	2,349	2,278	2,290	2,402	2,628	2,992	3,160	3,228	3,257	3,307	3,311	3,363	3,398	3,439	3,475	3,480	3,502	3,521	3,542	3,453	3,298	2,987	2,673
04/01/08	2,588	2,481	2,443	2,452	2,537	2,768	3,118	3,313	3,328	3,333	3,368	3,391	3,409	3,427	3,464	3,502	3,501	3,495	3,573	3,585	3,490	3,331	3,036	2,739
04/02/08	2,633	2,517	2,474	2,478	2,558	2,776	3,113	3,318	3,353	3,376	3,431	3,471	3,501	3,531	3,580	3,627	3,631	3,609	3,661	3,664	3,568	3,403	3,095	2,788
04/03/08	2,530	2,434	2,406	2,423	2,515	2,762	3,133	3,314	3,301	3,271	3,283	3,284	3,283	3,283	3,301	3,322	3,313	3,334	3,452	3,478	3,382	3,236	2,955	2,672
04/04/08	2,496	2,438	2,428	2,433	2,497	2,735	3,139	3,301	3,293	3,253	3,235	3,234	3,194	3,201	3,196	3,180	3,183	3,193	3,260	3,282	3,200	3,097	2,889	2,675
04/05/08	2,396	2,360	2,342	2,363	2,405	2,569	2,776	2,923	3,013	3,009	2,936	2,809	2,713	2,584	2,519	2,485	2,498	2,627	2,848	2,944	2,859	2,782	2,642	2,482
04/06/08	2,425	2,372	2,341	2,355	2,378	2,486	2,625	2,751	2,838	2,866	2,831	2,770	2,718	2,649	2,588	2,587	2,598	2,730	2,941	3,086	3,024	2,890	2,691	2,449
04/07/08	2,507	2,444	2,443	2,465	2,586	2,863	3,280	3,468	3,413	3,357	3,294	3,201	3,149	3,131	3,066	3,071	3,071	3,196	3,425	3,432	3,392	3,259	2,989	2,731
04/08/08	2,747	2,710	2,670	2,709	2,816	3,172	3,605	3,814	3,726	3,563	3,443	3,346	3,240	3,204	3,132	3,115	3,133	3,317	3,566	3,570	3,531	3,419	3,176	2,902
04/09/08	2,583	2,537	2,491	2,515	2,607	2,920	3,320	3,504	3,449	3,343	3,276	3,216	3,142	3,122	3,069	3,055	3,069	3,203	3,408	3,423	3,374	3,257	3,017	2,751
04/10/08	2,552	2,503	2,455	2,479	2,566	2,869	3,260	3,439	3,395	3,297	3,239	3,187	3,120	3,104	3,053	3,038	3,047	3,175	3,375	3,393	3,342	3,226	2,984	2,720
04/11/08	2,461	2,409	2,404	2,413	2,483	2,734	3,147	3,303	3,278	3,222	3,189	3,172	3,120	3,115	3,097	3,075	3,075	3,098	3,191	3,222	3,141	3,048	2,850	2,643
04/12/08	2,453	2,405	2,371	2,381	2,411	2,559	2,744	2,895	3,008	3,037	3,003	2,914	2,855	2,762	2,723	2,713	2,729	2,824	2,994	3,075	2,987	2,892	2,730	2,549
04/13/08	2,647	2,618	2,592	2,619	2,666	2,814	3,019	3,211	3,297	3,243	3,141	3,013	2,914	2,846	2,766	2,722	2,779	2,953	3,256	3,263	3,225	3,079	2,876	2,653
04/14/08	2,436	2,394	2,336	2,354	2,472	2,714	3,093	3,248	3,285	3,284	3,304	3,279	3,302	3,311	3,328	3,346	3,349	3,397	3,462	3,499	3,411	3,268	2,977	2,678
04/15/08	2,633	2,582	2,554	2,601	2,686	2,979	3,414	3,619	3,562	3,442	3,351	3,283	3,213	3,177	3,156	3,115	3,136	3,245	3,437	3,477	3,415	3,276	3,043	2,775
04/16/08	2,568	2,466	2,432	2,442	2,529	2,765	3,121	3,311	3,316	3,311	3,339	3,356	3,367	3,378	3,409	3,442	3,441	3,442	3,532	3,549	3,453	3,299	3,008	2,716
04/17/08	2,566	2,462	2,428	2,441	2,529	2,766	3,124	3,314	3,319	3,307	3,334	3,350	3,360	3,372	3,402	3,431	3,425	3,431	3,526	3,544	3,448	3,296	3,004	2,713
04/18/08	2,579	2,508	2,488	2,482	2,533	2,745	3,128	3,307	3,334	3,331	3,345	3,381	3,368	3,404	3,425	3,423	3,433	3,414	3,425	3,428	3,341	3,217	2,985	2,756
04/19/08	2,509	2,449	2,401	2,403	2,421	2,555	2,723	2,877	3,011	3,069	3,070	3,015	2,989	2,926	2,909	2,920	2,939	3,005	3,131	3,198	3,107	2,995	2,814	2,615
04/20/08	2,465	2,403	2,362	2,368	2,381	2,471	2,593	2,724	2,831	2,888	2,885	2,861	2,840	2,801	2,768	2,787	2,803	2,913	3,078	3,201	3,141	2,991	2,774	2,513
04/21/08	2,473	2,424	2,356	2,370	2,485	2,716	3,087	3,253	3,312	3,333	3,375	3,371	3,415	3,444	3,478	3,510	3,514	3,543	3,574	3,601	3,511	3,359	3,052	2,739
04/22/08	2,611	2,499	2,458	2,465	2,547	2,772	3,115	3,315	3,341	3,356	3,400	3,432	3,457	3,481	3,524	3,568	3,569	3,554	3,619	3,626	3,531	3,368	3,066	2,765
04/23/08	2,638	2,521	2,477	2,480	2,560	2,777	3,112	3,319	3,355	3,380	3,437	3,479	3,510	3,541	3,591	3,639	3,643	3,619	3,669	3,672	3,575	3,410	3,100	2,793
04/24/08	2,711	2,579	2,525	2,524	2,599	2,798	3,115	3,339	3,407	3,454	3,537	3,604	3,654	3,703	3,771	3,830	3,834	3,791	3,809	3,797	3,699	3,525	3,196	2,875
04/25/08	2,754	2,660	2,622	2,597	2,624	2,791	3,143	3,352	3,446	3,507	3,581	3,686	3,718	3,804	3,870	3,892	3,914	3,850	3,769	3,731	3,633	3,474	3,197	2,944
04/26/08	2,649	2,565	2,488	2,471	2,464	2,571	2,703	2,869	3,047	3,169	3,247	3,261	3,305	3,301	3,331	3,383	3,406	3,414	3,452	3,486	3,384	3,239	3,019	2,781
04/27/08	2,611	2,520	2,452	2,437	2,425	2,472	2,552	2,696	2,856	2,989	3,070	3,139	3,199	3,237	3,269	3,341	3,363	3,417	3,469	3,537	3,476	3,284	3,018	2,714
04/28/08	2,855	2,751	2,591	2,557	2,644	2,789	3,091	3,299	3,484	3,615	3,766	3,855	4,004	4,104	4,208	4,290	4,285	4,269	4,160	4,136	4,061	3,902	3,543	3,190
04/29/08	3,173	2,951	2,837	2,793	2,826	2,939	3,155	3,448	3,623	3,773	3,957	4,113	4,221	4,312	4,428	4,533	4,535	4,452	4,392	4,330	4,237	4,062	3,704	3,363
04/30/08	2,911	2,747	2,672	2,656	2,718	2,881	3,155	3,419	3,549	3,662	3,804	3,925	4,015	4,099	4,203	4,296	4,310	4,220	4,168	4,116	4,008	3,811	3,447	3,095

APS Own Load Hourly mW Forecast

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Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
05/01/08	3,095	2,905	2,818	2,802	2,871	3,054	3,363	3,666	3,822	3,947	4,114	4,256	4,362	4,460	4,581	4,686	4,697	4,596	4,535	4,474	4,350	4,126	3,708	3,306
05/02/08	3,165	3,034	2,975	2,924	2,927	3,067	3,441	3,721	3,906	4,047	4,200	4,406	4,490	4,641	4,761	4,810	4,852	4,743	4,557	4,458	4,328	4,111	3,742	3,432
05/03/08	2,830	2,728	2,631	2,607	2,590	2,704	2,844	3,036	3,253	3,412	3,524	3,561	3,632	3,645	3,693	3,764	3,791	3,783	3,800	3,829	3,708	3,533	3,271	2,991
05/04/08	2,846	2,728	2,633	2,606	2,577	2,609	2,681	2,853	3,062	3,256	3,392	3,519	3,629	3,709	3,776	3,883	3,909	3,943	3,946	3,993	3,920	3,680	3,354	2,986
05/05/08	2,743	2,667	2,554	2,554	2,677	2,903	3,295	3,518	3,660	3,755	3,872	3,930	4,048	4,136	4,226	4,302	4,313	4,293	4,226	4,215	4,105	3,904	3,506	3,109
05/06/08	2,726	2,601	2,556	2,564	2,659	2,917	3,310	3,534	3,559	3,571	3,616	3,649	3,674	3,699	3,744	3,791	3,792	3,778	3,858	3,869	3,761	3,578	3,239	2,898
05/07/08	2,710	2,588	2,547	2,556	2,653	2,914	3,311	3,532	3,548	3,552	3,593	3,620	3,639	3,659	3,700	3,742	3,743	3,736	3,825	3,839	3,731	3,552	3,216	2,879
05/08/08	2,708	2,586	2,544	2,556	2,653	2,915	3,314	3,535	3,553	3,549	3,590	3,617	3,636	3,655	3,696	3,735	3,730	3,728	3,821	3,837	3,728	3,552	3,214	2,878
05/09/08	2,691	2,611	2,590	2,584	2,643	2,886	3,324	3,524	3,552	3,544	3,557	3,594	3,576	3,614	3,635	3,631	3,641	3,623	3,642	3,646	3,549	3,410	3,150	2,892
05/10/08	2,576	2,517	2,474	2,483	2,512	2,675	2,879	3,052	3,187	3,230	3,203	3,114	3,059	2,963	2,926	2,922	2,942	3,040	3,217	3,305	3,204	3,090	2,900	2,688
05/11/08	2,571	2,500	2,453	2,460	2,475	2,578	2,716	2,864	2,986	3,050	3,047	3,020	2,996	2,953	2,915	2,937	2,955	3,079	3,267	3,407	3,338	3,168	2,921	2,626
05/12/08	2,738	2,663	2,550	2,551	2,674	2,902	3,294	3,516	3,656	3,749	3,865	3,922	4,038	4,125	4,214	4,289	4,300	4,281	4,216	4,206	4,096	3,896	3,499	3,103
05/13/08	2,945	2,780	2,707	2,697	2,775	2,982	3,320	3,592	3,703	3,795	3,918	4,020	4,100	4,175	4,271	4,359	4,370	4,293	4,274	4,240	4,125	3,913	3,523	3,142
05/14/08	2,972	2,802	2,728	2,715	2,791	2,993	3,324	3,603	3,721	3,820	3,953	4,063	4,147	4,226	4,327	4,418	4,431	4,349	4,320	4,281	4,164	3,951	3,555	3,171
05/15/08	3,039	2,857	2,775	2,762	2,834	3,025	3,344	3,637	3,777	3,888	4,040	4,168	4,265	4,355	4,467	4,565	4,575	4,484	4,437	4,387	4,266	4,048	3,638	3,244
05/16/08	3,067	2,944	2,890	2,846	2,858	3,013	3,395	3,660	3,819	3,937	4,067	4,243	4,313	4,447	4,553	4,594	4,631	4,532	4,374	4,295	4,172	3,966	3,615	3,312
05/17/08	2,964	2,845	2,727	2,690	2,655	2,754	2,873	3,076	3,327	3,532	3,701	3,783	3,904	3,952	4,033	4,127	4,157	4,112	4,073	4,076	3,941	3,746	3,456	3,152
05/18/08	3,069	2,929	2,807	2,764	2,710	2,715	2,765	2,952	3,201	3,461	3,662	3,855	4,023	4,151	4,255	4,397	4,416	4,414	4,344	4,350	4,265	3,994	3,634	3,233
05/19/08	3,090	2,988	2,818	2,797	2,915	3,093	3,452	3,713	3,955	4,132	4,333	4,461	4,658	4,796	4,939	5,055	5,069	5,007	4,830	4,753	4,623	4,398	3,943	3,493
05/20/08	3,236	3,026	2,928	2,904	2,967	3,133	3,421	3,747	3,936	4,099	4,296	4,466	4,592	4,706	4,844	4,969	4,984	4,861	4,770	4,682	4,547	4,312	3,877	3,460
05/21/08	3,321	3,100	2,998	2,970	3,031	3,187	3,463	3,804	4,008	4,186	4,404	4,590	4,725	4,845	4,992	5,124	5,140	5,009	4,905	4,803	4,660	4,421	3,977	3,552
05/22/08	3,350	3,124	3,019	2,993	3,054	3,207	3,481	3,828	4,040	4,216	4,439	4,630	4,769	4,891	5,041	5,172	5,184	5,053	4,949	4,844	4,699	4,460	4,010	3,583
05/23/08	3,388	3,244	3,180	3,115	3,099	3,211	3,580	3,890	4,122	4,305	4,499	4,762	4,867	5,049	5,189	5,249	5,304	5,185	4,952	4,815	4,668	4,434	4,029	3,710
05/24/08	3,223	3,084	2,932	2,881	2,816	2,900	2,995	3,220	3,523	3,797	4,051	4,191	4,384	4,471	4,595	4,718	4,746	4,657	4,548	4,510	4,346	4,126	3,799	3,463
05/25/08	3,289	3,133	2,991	2,937	2,865	2,856	2,897	3,098	3,373	3,679	3,923	4,156	4,361	4,513	4,633	4,796	4,803	4,781	4,672	4,652	4,554	4,263	3,883	3,459
05/26/08	3,724	3,566	3,378	3,335	3,227	3,214	3,264	3,461	3,838	4,266	4,562	4,928	5,158	5,263	5,474	5,668	5,710	5,623	5,394	5,340	5,113	4,852	4,487	4,111
05/27/08	3,835	3,536	3,394	3,343	3,383	3,490	3,697	4,105	4,365	4,590	4,870	5,110	5,264	5,381	5,542	5,693	5,682	5,557	5,465	5,322	5,165	4,947	4,502	4,082
05/28/08	3,887	3,582	3,437	3,384	3,422	3,523	3,723	4,137	4,399	4,626	4,912	5,157	5,309	5,424	5,585	5,735	5,736	5,613	5,522	5,376	5,216	5,001	4,555	4,136
05/29/08	3,840	3,539	3,397	3,348	3,387	3,492	3,699	4,109	4,371	4,588	4,870	5,112	5,265	5,382	5,543	5,690	5,674	5,555	5,465	5,324	5,167	4,953	4,505	4,086
05/30/08	3,707	3,537	3,458	3,362	3,305	3,370	3,727	4,057	4,320	4,523	4,742	5,056	5,153	5,347	5,485	5,533	5,590	5,508	5,273	5,125	4,994	4,780	4,373	4,089
05/31/08	3,242	3,102	2,948	2,896	2,828	2,912	3,007	3,233	3,539	3,817	4,076	4,219	4,416	4,505	4,632	4,756	4,784	4,692	4,579	4,540	4,373	4,152	3,823	3,485
06/01/08	3,466	3,308	3,161	3,105	3,026	3,014	3,051	3,254	3,532	3,850	4,103	4,344	4,557	4,712	4,833	4,998	4,997	4,971	4,852	4,825	4,721	4,430	4,053	3,631
06/02/08	3,281	3,175	2,993	2,967	3,083	3,244	3,586	3,848	4,109	4,299	4,515	4,653	4,864	5,004	5,154	5,273	5,286	5,222	5,028	4,934	4,802	4,580	4,124	3,674
06/03/08	3,400	3,183	3,081	3,054	3,114	3,265	3,532	3,867	4,070	4,246	4,459	4,642	4,776	4,894	5,038	5,170	5,184	5,054	4,952	4,850	4,710	4,476	4,042	3,627
06/04/08	3,375	3,161	3,062	3,035	3,095	3,248	3,517	3,848	4,045	4,217	4,426	4,606	4,737	4,852	4,994	5,122	5,138	5,011	4,911	4,813	4,675	4,443	4,011	3,598
06/05/08	3,257	3,058	2,967	2,946	3,011	3,176	3,462	3,774	3,949	4,092	4,276	4,434	4,551	4,657	4,787	4,900	4,912	4,800	4,721	4,645	4,517	4,293	3,873	3,471
06/06/08	3,203	3,078	3,022	2,974	2,980	3,120	3,487	3,755	3,927	4,058	4,201	4,392	4,470	4,613	4,725	4,771	4,810	4,707	4,533	4,443	4,318	4,111	3,756	3,456
06/07/08	3,003	2,891	2,781	2,748	2,719	2,818	2,938	3,133	3,370	3,558	3,709	3,778	3,885	3,923	3,995	4,081	4,110	4,075	4,049	4,058	3,931	3,745	3,470	3,179
06/08/08	2,762	2,671	2,604	2,594	2,589	2,654	2,755	2,909	3,070	3,192	3,256	3,304	3,346	3,365	3,381	3,444	3,468	3,544	3,636	3,728	3,662	3,462	3,183	2,860
06/09/08	2,760	2,694	2,595	2,601	2,722	2,955	3,346	3,551	3,665	3,735	3,827	3,864	3,957	4,026	4,098	4,159	4,168	4,164	4,131	4,135	4,031	3,844	3,472	3,099
06/10/08	3,067	2,898	2,822	2,809	2,882	3,075	3,394	3,669	3,792	3,896	4,030	4,143	4,230	4,311	4,413	4,506	4,518	4,434	4,398	4,356	4,241	4,030	3,642	3,264
06/11/08	3,223	3,030	2,942	2,920	2,985	3,155	3,445	3,750	3,914	4,056	4,233	4,383	4,495	4,596	4,722	4,834	4,850	4,740	4,665	4,594	4,468	4,245	3,831	3,434
06/12/08	3,258	3,059	2,967	2,947	3,011	3,176	3,462	3,774	3,949	4,092	4,277	4,435	4,552	4,658	4,788	4,901	4,912	4,801	4,722	4,646	4,518	4,294	3,873	3,472
06/13/08	3,360	3,224	3,163	3,105	3,097	3,216	3,576	3,866	4,075	4,238	4,412	4,646	4,742	4,908	5,038	5,093	5,141	5,027	4,817	4,698	4,562	4,340	3,958	3,651
06/14/08	3,212	3,082	2,943	2,897	2,841	2,926	3,024	3,237	3,517	3,767	3,991	4,114	4,284	4,360	4,471	4,584	4,612	4,536	4,445	4,420	4,269	4,060	3,751	3,431
06/15/08	3,251	3,106	2,977	2,929	2,867	2,863	2,906	3,095	3,352	3,631	3,850	4,060	4,245	4,384	4,495	4,645	4,658	4,645	4,554	4,545	4,455	4,180	3,819	3,416
06/16/08	3,578	3,462	3,243	3,204	3,328	3,463	3,793	4,069	4,381	4,601	4,855	5,016	5,261	5,405	5,570	5,699	5,709	5,647	5,417	5,283	5,138	4,918	4,440	3,966
06/17/08	3,649	3,402	3,287	3,255	3,311	3,443	3,684	4,058	4,299	4,510	4,764	4,984	5,138	5,267	5,429	5,578	5,589	5,444	5,324	5,184	5,022	4,779	4,325	3,893
06/18/08	3,730	3,474	3,358	3,324	3,379	3,506	3,738	4,125	4,375	4,593	4,862	5,093	5,250	5,380	5,546	5,699	5,709	5,561	5,438	5,288	5,117	4,874	4,414	3,979
06/19/08	3,727	3,470	3,353	3,322	3,377	3,504	3,738	4,125	4,377	4,589	4,857	5,088	5,246	5,376	5,542	5,691	5,697	5,553	5,433	5,284	5,114	4,873	4,411	3,975
06/20/08	4,035	3,882	3,828	3,742	3,685	3,745	4,117	4,475	4,769	4,996	5,245	5,608	5,714	5,931	6,087	6,146	6,231	6,123	5,840	5,641	5,469	5,220	4,771	4,465
06/21/08	3,622	3,476	3,296	3,237	3,141	3,224	3,307	3,550	3,889	4,215	4,534	4,705	4,953	5,050	5,200	5,336	5,356	5,240	5,092	5,024	4,825	4,604	4,256	3,909
06/22/08	3,658	3,493	3,331	3,272	3,180	3,165	3,202	3,415	3,707	4,054	4,329	4,587	4,817	4,979	5,101	5,276	5,261	5,229	5,096	5,061	4,946	4,644	4,257	3,820
06/23/08	3,794	3,674	3,428	3,383	3,516	3,637	3,960	4,242	4,585	4,819	5,096	5,266	5,530	5,672	5,843	5,975	5,980	5,927	5,677	5,523	5,370	5,157	4,668	4,180
06/24/08	4,269	3,922	3,759	3,694	3,721	3,792	3,942	4,384	4,656	4,887	5,184	5,439	5,581	5,670	5,824	5,971	6,016	5,902	5,837	5,685	5,522	5,332	4,910	4,517
06/25/08	4,132	3,833	3,705	3,670	3,725	3,833	4,030	4,477	4,765	5,015	5,329	5,602	5,771	5,896	6,076	6,246	6,244	6,084	5,962	5,769	5,564	5,319	4,845	4,398
06/26/08	4,654	4,264	4,089	4,024	4,053	4,098	4,200	4,701	5,006	5,253	5,582	5,869	6,009	6,081	6,248	6,402	6,400	6,269	6,206	6,048	5,877	5,702	5,281	4,897
06/27/08	4,272	4,092	4,020	3,897	3,792	3,800	4,149	4,497	4,776	4,980	5,216	5,587	5,653	5,852	5,984	6,006	6,079	6,034	5,787	5,635	5,519	5,324	4,924	4,687
06/28/08	3,885	3,737	3,535	3,476	3,354	3,448	3,530	3,786	4,148	4,503	4,860	5,040	5,320	5,411	5,570	5,714	5,727	5,595	5,432	5,356	5,130	4,913	4,551	4,197
06/29/08	3,900	3,730	3,552	3,492	3,384	3,370	3,409	3,636	3,941	4,317	4,611	4,886	5,131	5,295	5,413	5,600	5,564	5,530	5,387	5,353	5,226	4,912	4,515	4,058
06/30/08	3,750	3,631	3,390	3,346	3,477	3,601	3,925	4,206	4,543	4,774	5,046	5,215	5,476	5,618	5,788	5,920	5,926	5,871	5,624	5,474	5,323	5,108	4,621	4,136

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
07/01/08	3,978	3,724	3,611	3,580	3,629	3,735	3,927	4,307	4,555	4,771	5,036	5,267	5,417	5,534	5,691	5,840	5,842	5,702	5,591	5,431	5,259	5,037	4,614	4,213
07/02/08	4,050	3,789	3,675	3,644	3,693	3,795	3,979	4,371	4,624	4,844	5,120	5,358	5,509	5,624	5,784	5,935	5,936	5,794	5,683	5,516	5,337	5,116	4,690	4,288
07/03/08	4,089	3,822	3,707	3,678	3,728	3,828	4,010	4,408	4,667	4,884	5,163	5,405	5,558	5,673	5,834	5,983	5,979	5,839	5,731	5,561	5,379	5,160	4,731	4,328
07/04/08	4,252	4,140	3,956	3,934	3,810	3,790	3,850	4,035	4,381	4,772	5,042	5,457	5,693	5,760	5,962	6,138	6,128	6,011	5,772	5,688	5,444	5,247	4,997	4,705
07/05/08	4,278	4,148	3,936	3,883	3,737	3,843	3,913	4,152	4,500	4,845	5,203	5,363	5,652	5,719	5,865	6,012	6,013	5,866	5,704	5,645	5,412	5,231	4,892	4,564
07/06/08	4,180	4,025	3,850	3,799	3,684	3,676	3,711	3,932	4,218	4,584	4,866	5,128	5,365	5,513	5,615	5,800	5,745	5,715	5,575	5,554	5,433	5,136	4,766	4,327
07/07/08	4,228	4,124	3,847	3,801	3,946	4,038	4,319	4,581	4,939	5,167	5,457	5,620	5,894	6,012	6,174	6,298	6,291	6,262	5,998	5,843	5,700	5,528	5,072	4,611
07/08/08	4,634	4,312	4,183	4,152	4,208	4,280	4,402	4,882	5,186	5,444	5,769	6,056	6,212	6,307	6,487	6,659	6,641	6,463	6,349	6,148	5,938	5,721	5,286	4,881
07/09/08	4,764	4,428	4,296	4,265	4,322	4,382	4,484	4,987	5,302	5,570	5,908	6,207	6,363	6,452	6,640	6,816	6,796	6,603	6,479	6,278	6,065	5,850	5,412	5,008
07/10/08	5,040	4,664	4,515	4,478	4,531	4,556	4,600	5,147	5,494	5,777	6,133	6,454	6,607	6,681	6,884	7,064	7,048	6,820	6,673	6,492	6,295	6,093	5,662	5,271
07/11/08	4,831	4,694	4,679	4,575	4,458	4,427	4,760	5,125	5,415	5,627	5,890	6,319	6,375	6,603	6,769	6,791	6,920	6,800	6,440	6,249	6,101	5,848	5,420	5,170
07/12/08	4,206	4,075	3,869	3,816	3,677	3,779	3,850	4,088	4,433	4,775	5,126	5,288	5,570	5,640	5,786	5,929	5,931	5,791	5,633	5,570	5,342	5,157	4,820	4,494
07/13/08	4,072	3,917	3,748	3,695	3,587	3,577	3,613	3,827	4,109	4,464	4,739	4,995	5,225	5,372	5,476	5,653	5,608	5,578	5,443	5,417	5,297	5,006	4,641	4,215
07/14/08	4,125	4,019	3,757	3,711	3,848	3,944	4,228	4,488	4,834	5,058	5,337	5,499	5,763	5,883	6,043	6,165	6,162	6,128	5,876	5,722	5,579	5,400	4,948	4,492
07/15/08	4,355	4,063	3,940	3,910	3,962	4,050	4,207	4,644	4,922	5,163	5,464	5,728	5,884	5,990	6,159	6,321	6,311	6,156	6,048	5,858	5,658	5,438	5,007	4,602
07/16/08	4,145	3,874	3,758	3,726	3,776	3,874	4,050	4,455	4,716	4,943	5,228	5,475	5,628	5,740	5,903	6,057	6,055	5,910	5,800	5,625	5,438	5,218	4,789	4,386
07/17/08	4,264	3,979	3,860	3,831	3,882	3,974	4,140	4,564	4,837	5,065	5,361	5,618	5,773	5,883	6,049	6,204	6,194	6,048	5,942	5,758	5,564	5,345	4,912	4,508
07/18/08	3,954	3,817	3,765	3,690	3,646	3,707	4,040	4,356	4,615	4,816	5,035	5,348	5,447	5,639	5,778	5,833	5,905	5,805	5,557	5,384	5,231	5,009	4,609	4,331
07/19/08	3,897	3,763	3,582	3,528	3,420	3,504	3,578	3,808	4,135	4,454	4,774	4,937	5,188	5,271	5,414	5,544	5,556	5,437	5,291	5,223	5,020	4,823	4,497	4,178
07/20/08	3,967	3,813	3,650	3,596	3,495	3,483	3,519	3,727	4,004	4,348	4,616	4,867	5,091	5,238	5,344	5,515	5,479	5,449	5,318	5,288	5,171	4,886	4,526	4,109
07/21/08	4,120	4,014	3,752	3,707	3,843	3,939	4,223	4,483	4,829	5,053	5,332	5,493	5,756	5,877	6,036	6,159	6,156	6,122	5,870	5,716	5,573	5,394	4,942	4,486
07/22/08	3,710	3,485	3,381	3,352	3,402	3,521	3,737	4,077	4,296	4,488	4,719	4,920	5,060	5,176	5,323	5,458	5,468	5,336	5,227	5,099	4,952	4,732	4,322	3,931
07/23/08	3,906	3,660	3,551	3,519	3,568	3,676	3,874	4,244	4,484	4,693	4,953	5,177	5,324	5,441	5,597	5,742	5,747	5,609	5,497	5,345	5,178	4,958	4,536	4,138
07/24/08	3,636	3,419	3,319	3,293	3,344	3,466	3,689	4,019	4,230	4,406	4,629	4,821	4,956	5,071	5,213	5,340	5,348	5,224	5,120	5,004	4,862	4,647	4,239	3,852
07/25/08	3,616	3,486	3,429	3,367	3,345	3,434	3,759	4,042	4,263	4,437	4,622	4,875	4,972	5,142	5,271	5,327	5,380	5,274	5,056	4,921	4,786	4,574	4,205	3,924
07/26/08	3,558	3,428	3,275	3,225	3,148	3,221	3,298	3,510	3,803	4,080	4,346	4,493	4,699	4,785	4,913	5,032	5,053	4,956	4,833	4,780	4,613	4,414	4,108	3,800
07/27/08	3,748	3,598	3,449	3,395	3,309	3,295	3,329	3,524	3,790	4,109	4,361	4,598	4,809	4,955	5,065	5,225	5,208	5,178	5,056	5,024	4,918	4,643	4,291	3,893
07/28/08	3,723	3,616	3,407	3,369	3,484	3,601	3,895	4,147	4,442	4,647	4,886	5,036	5,266	5,395	5,547	5,665	5,672	5,620	5,403	5,273	5,138	4,942	4,506	4,072
07/29/08	4,154	3,882	3,765	3,734	3,784	3,882	4,058	4,464	4,727	4,955	5,239	5,485	5,639	5,752	5,915	6,070	6,067	5,921	5,812	5,635	5,449	5,228	4,800	4,396
07/30/08	4,364	4,071	3,949	3,918	3,970	4,057	4,212	4,650	4,929	5,169	5,474	5,739	5,894	5,999	6,169	6,330	6,321	6,166	6,057	5,867	5,666	5,447	5,015	4,610
07/31/08	4,334	4,042	3,921	3,892	3,944	4,033	4,191	4,626	4,905	5,137	5,439	5,702	5,858	5,964	6,133	6,291	6,278	6,128	6,022	5,834	5,636	5,418	4,984	4,579
08/01/08	4,157	4,011	3,961	3,877	3,820	3,874	4,230	4,577	4,860	5,079	5,320	5,673	5,773	5,982	6,132	6,187	6,271	6,169	5,894	5,701	5,536	5,297	4,865	4,574
08/02/08	4,222	4,082	3,869	3,812	3,672	3,776	3,852	4,104	4,466	4,824	5,191	5,363	5,656	5,733	5,888	6,035	6,040	5,897	5,732	5,663	5,425	5,227	4,872	4,528
08/03/08	4,182	4,018	3,837	3,781	3,665	3,655	3,693	3,922	4,222	4,602	4,896	5,169	5,415	5,572	5,681	5,871	5,820	5,788	5,643	5,617	5,490	5,180	4,791	4,335
08/04/08	4,016	3,902	3,649	3,603	3,737	3,846	4,151	4,424	4,769	4,999	5,276	5,443	5,707	5,840	6,005	6,133	6,135	6,090	5,840	5,684	5,535	5,336	4,863	4,390
08/05/08	4,434	4,125	3,996	3,963	4,018	4,113	4,279	4,741	5,035	5,289	5,608	5,887	6,052	6,164	6,343	6,514	6,504	6,340	6,226	6,025	5,814	5,581	5,124	4,695
08/06/08	4,475	4,162	4,033	3,999	4,055	4,146	4,307	4,776	5,072	5,328	5,653	5,936	6,100	6,210	6,391	6,562	6,552	6,386	6,271	6,068	5,855	5,623	5,164	4,735
08/07/08	4,513	4,194	4,064	4,033	4,089	4,179	4,337	4,812	5,114	5,366	5,694	5,980	6,145	6,255	6,436	6,607	6,591	6,426	6,313	6,109	5,894	5,664	5,203	4,774
08/08/08	4,457	4,311	4,273	4,180	4,100	4,127	4,489	4,854	5,151	5,375	5,632	6,025	6,112	6,332	6,488	6,533	6,635	6,533	6,231	6,025	5,856	5,610	5,165	4,884
08/09/08	4,198	4,058	3,847	3,790	3,652	3,755	3,831	4,083	4,444	4,800	5,165	5,337	5,628	5,705	5,861	6,007	6,013	5,871	5,707	5,637	5,401	5,202	4,848	4,504
08/10/08	4,884	4,725	4,492	4,457	4,264	4,243	4,212	4,486	4,828	5,285	5,635	6,004	6,330	6,540	6,689	7,001	6,912	6,869	6,599	6,677	6,617	6,245	5,789	5,183
08/11/08	4,752	4,665	4,275	4,223	4,418	4,497	4,769	5,046	5,469	5,724	6,091	6,269	6,613	6,737	6,923	7,064	7,056	7,042	6,679	6,580	6,466	6,337	5,851	5,353
08/12/08	4,422	4,114	3,985	3,953	4,008	4,103	4,270	4,730	5,024	5,277	5,595	5,872	6,037	6,150	6,328	6,499	6,490	6,327	6,213	6,012	5,802	5,569	5,112	4,683
08/13/08	4,688	4,352	4,218	4,185	4,243	4,322	4,457	4,959	5,274	5,544	5,886	6,186	6,351	6,453	6,642	6,821	6,805	6,622	6,502	6,291	6,069	5,839	5,378	4,949
08/14/08	4,528	4,208	4,077	4,046	4,102	4,191	4,347	4,824	5,128	5,381	5,710	5,998	6,163	6,272	6,454	6,624	6,608	6,442	6,330	6,125	5,909	5,679	5,218	4,789
08/15/08	4,416	4,270	4,230	4,138	4,062	4,093	4,454	4,817	5,113	5,336	5,591	5,980	6,068	6,287	6,442	6,488	6,588	6,487	6,189	5,984	5,815	5,570	5,127	4,844
08/16/08	4,305	4,167	3,947	3,891	3,742	3,851	3,926	4,179	4,545	4,908	5,282	5,453	5,754	5,827	5,982	6,134	6,136	5,986	5,817	5,752	5,509	5,314	4,956	4,610
08/17/08	4,180	4,016	3,834	3,779	3,663	3,652	3,690	3,919	4,219	4,599	4,893	5,166	5,412	5,568	5,678	5,868	5,817	5,785	5,640	5,614	5,486	5,176	4,788	4,332
08/18/08	4,088	3,974	3,712	3,665	3,803	3,909	4,212	4,486	4,840	5,073	5,358	5,526	5,796	5,927	6,094	6,222	6,222	6,181	5,925	5,765	5,614	5,419	4,943	4,466
08/19/08	4,393	4,088	3,960	3,927	3,982	4,078	4,249	4,704	4,995	5,247	5,562	5,837	6,002	6,116	6,293	6,463	6,455	6,293	6,179	5,980	5,772	5,539	5,082	4,653
08/20/08	4,331	4,033	3,907	3,874	3,928	4,026	4,202	4,649	4,934	5,181	5,493	5,764	5,927	6,043	6,219	6,386	6,380	6,222	6,107	5,912	5,707	5,474	5,018	4,589
08/21/08	4,324	4,025	3,899	3,868	3,922	4,021	4,199	4,645	4,932	5,173	5,484	5,755	5,919	6,035	6,211	6,375	6,365	6,210	6,098	5,905	5,701	5,469	5,011	4,582
08/22/08	3,810	3,668	3,608	3,536	3,503	3,584	3,931	4,248	4,502	4,701	4,914	5,211	5,318	5,509	5,652	5,712	5,777	5,667	5,420	5,257	5,105	4,875	4,469	4,170
08/23/08	4,011	3,869	3,673	3,616	3,496	3,588	3,666	3,912	4,262	4,604	4,950	5,122	5,395	5,480	5,633	5,772	5,784	5,655	5,498	5,425	5,205	4,998	4,651	4,311
08/24/08	4,184	4,020	3,839	3,783	3,667	3,656	3,694	3,924	4,224	4,604	4,898	5,172	5,418	5,574	5,684	5,874	5,822	5,790	5,646	5,620	5,492	5,182	4,793	4,337
08/25/08	4,022	3,907	3,654	3,608	3,742	3,851	4,156	4,429	4,774	5,005	5,283	5,450	5,714	5,847	6,012	6,140	6,142	6,098	5,847	5,690	5,541	5,342	4,869	4,396
08/26/08	4,049	3,780	3,660	3,627	3,679	3,791	3,994	4,398	4,660	4,890	5,171	5,416	5,576	5,699	5,866	6,024	6,026	5,877	5,760	5,590	5,407	5,172	4,723	4,299
08/27/08	4,009	3,744	3,627	3,593	3,645	3,758	3,963	4,362	4,620	4,845	5,125	5,366	5,524	5,647	5,813	5,969	5,973	5,826	5,707	5,541	5,362	5,128	4,680	4,256
08/28/08	3,781	3,539	3,429	3,400	3,453	3,577	3,804	4,169	4,405	4,603	4,854	5,070	5,219	5,343	5,500	5,641	5,647	5,510	5,397	5,260	5,101	4,870	4,431	4,017
08/29/08	3,615	3,478	3,418	3,354	3,335	3,433	3,777	4,072	4,299	4,477	4,667	4,925	5,026	5,201	5,336	5,394	5,448	5,336	5,111	4,974	4,834	4,612	4,227	3,929
08/30/08	3,728	3,587	3,414	3,359	3,265	3,345	3,425	3,657	3,983	4,295	4,601	4,766	5,004	5,096	5,240	5,370	5,390	5,278	5,136	5,071	4,880	4,668	4,335	4,003
08/31/08	3,796	3,638	3,480	3,423	3,332	3,317	3,353	3,560	3,841	4,178	4,445	4,695	4,919	5,073	5,190	5,359	5,341	5,310	5,181	5,147	5,035	4,744	4,372	3,950

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
09/01/08	3,270	3,125	2,971	2,928	2,853	2,846	2,901	3,097	3,425	3,787	4,038	4,321	4,509	4,604	4,785	4,952	5,028	4,981	4,802	4,764	4,629	4,389	4,025	3,654
09/02/08	3,594	3,333	3,215	3,181	3,235	3,360	3,587	3,979	4,234	4,457	4,729	4,964	5,124	5,253	5,420	5,576	5,583	5,434	5,312	5,156	4,982	4,739	4,280	3,845
09/03/08	3,831	3,545	3,421	3,386	3,440	3,553	3,758	4,186	4,463	4,704	5,005	5,266	5,432	5,559	5,735	5,900	5,902	5,746	5,623	5,441	5,246	5,003	4,534	4,092
09/04/08	3,548	3,291	3,175	3,144	3,198	3,324	3,555	3,942	4,194	4,405	4,672	4,904	5,061	5,191	5,356	5,505	5,510	5,367	5,247	5,098	4,928	4,688	4,229	3,795
09/05/08	3,715	3,564	3,507	3,425	3,378	3,447	3,813	4,159	4,442	4,662	4,900	5,241	5,350	5,560	5,713	5,774	5,851	5,741	5,470	5,281	5,115	4,870	4,432	4,125
09/06/08	3,990	3,845	3,621	3,562	3,413	3,523	3,602	3,864	4,242	4,616	5,001	5,179	5,487	5,565	5,726	5,881	5,885	5,733	5,560	5,490	5,240	5,036	4,666	4,307
09/07/08	3,605	3,438	3,268	3,208	3,107	3,092	3,130	3,350	3,648	4,009	4,294	4,561	4,799	4,961	5,080	5,261	5,234	5,201	5,063	5,027	4,905	4,598	4,208	3,763
09/08/08	3,834	3,716	3,441	3,392	3,536	3,645	3,960	4,245	4,615	4,858	5,155	5,331	5,613	5,748	5,922	6,056	6,055	6,014	5,745	5,579	5,422	5,220	4,725	4,229
09/09/08	4,093	3,780	3,647	3,613	3,670	3,772	3,953	4,420	4,720	4,979	5,303	5,585	5,756	5,876	6,059	6,234	6,227	6,061	5,942	5,738	5,524	5,281	4,807	4,362
09/10/08	4,276	3,939	3,799	3,760	3,814	3,901	4,056	4,548	4,857	5,122	5,460	5,754	5,921	6,028	6,213	6,389	6,385	6,216	6,104	5,899	5,682	5,450	4,981	4,544
09/11/08	3,939	3,640	3,512	3,480	3,535	3,644	3,840	4,285	4,574	4,816	5,128	5,399	5,568	5,692	5,871	6,037	6,031	5,875	5,757	5,566	5,362	5,121	4,647	4,204
09/12/08	3,847	3,696	3,642	3,556	3,500	3,559	3,928	4,285	4,577	4,803	5,051	5,412	5,517	5,733	5,888	5,946	6,031	5,924	5,643	5,444	5,273	5,026	4,579	4,276
09/13/08	3,511	3,364	3,179	3,120	3,017	3,102	3,184	3,430	3,774	4,108	4,438	4,612	4,869	4,964	5,117	5,254	5,273	5,152	4,999	4,929	4,722	4,503	4,152	3,805
09/14/08	3,604	3,437	3,268	3,208	3,107	3,092	3,130	3,350	3,648	4,009	4,294	4,560	4,798	4,960	5,080	5,260	5,234	5,201	5,062	5,027	4,905	4,598	4,208	3,763
09/15/08	3,761	3,642	3,377	3,329	3,469	3,581	3,898	4,182	4,542	4,782	5,073	5,247	5,523	5,660	5,832	5,965	5,967	5,921	5,659	5,496	5,340	5,135	4,643	4,150
09/16/08	3,934	3,637	3,509	3,475	3,529	3,639	3,835	4,278	4,565	4,814	5,124	5,393	5,562	5,687	5,865	6,035	6,032	5,872	5,752	5,560	5,358	5,114	4,643	4,199
09/17/08	3,782	3,502	3,378	3,344	3,398	3,512	3,721	4,143	4,415	4,653	4,949	5,205	5,370	5,498	5,672	5,835	5,838	5,684	5,561	5,384	5,192	4,949	4,482	4,041
09/18/08	3,732	3,455	3,333	3,301	3,355	3,472	3,687	4,101	4,372	4,599	4,890	5,141	5,305	5,434	5,607	5,765	5,765	5,616	5,495	5,324	5,138	4,896	4,429	3,989
09/19/08	3,728	3,577	3,520	3,438	3,390	3,458	3,824	4,171	4,455	4,675	4,915	5,258	5,367	5,577	5,730	5,791	5,869	5,759	5,487	5,297	5,130	4,886	4,447	4,140
09/20/08	3,536	3,390	3,202	3,143	3,037	3,123	3,205	3,452	3,799	4,136	4,469	4,645	4,904	4,999	5,154	5,291	5,309	5,187	5,033	4,961	4,752	4,533	4,181	3,833
09/21/08	3,167	3,017	2,879	2,827	2,757	2,748	2,788	2,982	3,249	3,545	3,782	4,007	4,206	4,353	4,469	4,626	4,633	4,612	4,506	4,487	4,392	4,110	3,742	3,332
09/22/08	3,412	3,296	3,075	3,036	3,160	3,293	3,620	3,895	4,208	4,428	4,683	4,845	5,090	5,234	5,398	5,527	5,537	5,476	5,244	5,109	4,964	4,746	4,270	3,797
09/23/08	3,207	2,992	2,891	2,865	2,924	3,075	3,341	3,672	3,873	4,048	4,258	4,439	4,572	4,689	4,831	4,961	4,976	4,847	4,746	4,646	4,507	4,275	3,844	3,432
09/24/08	3,109	2,907	2,814	2,790	2,852	3,011	3,290	3,605	3,785	3,941	4,133	4,297	4,418	4,527	4,660	4,779	4,796	4,677	4,589	4,505	4,375	4,148	3,728	3,325
09/25/08	3,531	3,276	3,160	3,129	3,184	3,311	3,543	3,927	4,177	4,387	4,652	4,881	5,038	5,167	5,331	5,480	5,485	5,342	5,223	5,076	4,908	4,668	4,210	3,777
09/26/08	3,252	3,113	3,051	2,988	2,974	3,083	3,440	3,738	3,962	4,136	4,323	4,575	4,676	4,850	4,986	5,044	5,096	4,981	4,757	4,626	4,485	4,259	3,868	3,560
09/27/08	2,866	2,750	2,633	2,597	2,561	2,655	2,768	2,966	3,212	3,415	3,585	3,668	3,790	3,840	3,922	4,016	4,044	3,997	3,954	3,954	3,822	3,631	3,348	3,051
09/28/08	3,155	3,005	2,869	2,817	2,748	2,740	2,779	2,973	3,239	3,533	3,767	3,991	4,188	4,334	4,450	4,606	4,614	4,594	4,489	4,471	4,377	4,096	3,729	3,320
09/29/08	2,841	2,751	2,606	2,592	2,707	2,895	3,252	3,493	3,695	3,841	4,010	4,113	4,280	4,401	4,524	4,625	4,639	4,588	4,449	4,397	4,279	4,067	3,644	3,225
09/30/08	2,823	2,665	2,595	2,586	2,662	2,865	3,193	3,455	3,559	3,645	3,760	3,857	3,932	4,002	4,093	4,177	4,187	4,116	4,100	4,069	3,959	3,755	3,380	3,013
10/01/08	2,736	2,584	2,518	2,510	2,584	2,784	3,106	3,360	3,456	3,535	3,646	3,738	3,808	3,873	3,960	4,039	4,050	3,983	3,972	3,944	3,836	3,640	3,275	2,919
10/02/08	2,735	2,582	2,516	2,510	2,585	2,784	3,108	3,362	3,461	3,533	3,644	3,736	3,806	3,872	3,959	4,034	4,041	3,978	3,970	3,943	3,836	3,640	3,274	2,918
10/03/08	2,778	2,670	2,625	2,592	2,614	2,778	3,147	3,383	3,505	3,589	3,688	3,823	3,872	3,979	4,063	4,093	4,121	4,041	3,926	3,871	3,762	3,581	3,269	2,991
10/04/08	2,707	2,603	2,502	2,473	2,449	2,549	2,671	2,858	3,078	3,249	3,381	3,437	3,527	3,556	3,617	3,695	3,722	3,697	3,687	3,702	3,582	3,407	3,147	2,871
10/05/08	2,677	2,564	2,473	2,446	2,417	2,445	2,511	2,675	2,875	3,062	3,196	3,321	3,430	3,509	3,575	3,679	3,703	3,733	3,730	3,771	3,702	3,473	3,162	2,812
10/06/08	2,788	2,698	2,553	2,539	2,651	2,831	3,178	3,416	3,618	3,766	3,935	4,040	4,208	4,328	4,452	4,553	4,566	4,514	4,372	4,318	4,201	3,993	3,577	3,165
10/07/08	3,124	2,914	2,815	2,789	2,847	2,994	3,254	3,578	3,774	3,944	4,150	4,327	4,457	4,571	4,710	4,837	4,851	4,726	4,627	4,529	4,394	4,166	3,746	3,344
10/08/08	3,109	2,901	2,805	2,778	2,836	2,984	3,245	3,567	3,759	3,926	4,131	4,306	4,434	4,546	4,685	4,809	4,825	4,701	4,603	4,507	4,373	4,148	3,728	3,327
10/09/08	3,230	3,026	2,942	2,934	3,008	3,166	3,435	3,792	4,023	4,218	4,459	4,670	4,825	4,963	5,128	5,276	5,305	5,138	4,994	4,844	4,663	4,395	3,925	3,477
10/10/08	3,176	3,040	2,979	2,918	2,903	3,009	3,357	3,650	3,869	4,042	4,225	4,474	4,573	4,745	4,877	4,934	4,986	4,873	4,654	4,524	4,385	4,164	3,781	3,480
10/11/08	3,034	2,902	2,757	2,708	2,645	2,724	2,813	3,027	3,315	3,577	3,821	3,956	4,141	4,224	4,344	4,461	4,487	4,401	4,295	4,258	4,101	3,893	3,582	3,263
10/12/08	3,139	2,989	2,850	2,798	2,725	2,714	2,752	2,945	3,210	3,510	3,749	3,976	4,177	4,324	4,440	4,597	4,600	4,577	4,467	4,444	4,347	4,068	3,705	3,300
10/13/08	2,985	2,883	2,711	2,686	2,799	2,957	3,291	3,544	3,791	3,972	4,177	4,309	4,509	4,644	4,787	4,902	4,915	4,853	4,670	4,582	4,455	4,241	3,801	3,366
10/14/08	3,013	2,818	2,727	2,704	2,765	2,924	3,198	3,503	3,677	3,828	4,010	4,167	4,284	4,389	4,517	4,633	4,648	4,534	4,451	4,371	4,245	4,024	3,616	3,224
10/15/08	2,877	2,702	2,623	2,605	2,672	2,847	3,142	3,423	3,562	3,682	3,833	3,961	4,057	4,146	4,257	4,357	4,371	4,276	4,221	4,166	4,050	3,840	3,450	3,074
10/16/08	2,786	2,624	2,552	2,543	2,615	2,805	3,118	3,383	3,498	3,586	3,712	3,818	3,898	3,973	4,069	4,153	4,161	4,087	4,061	4,024	3,914	3,714	3,338	2,974
10/17/08	2,765	2,658	2,614	2,582	2,605	2,773	3,143	3,376	3,494	3,575	3,669	3,800	3,846	3,950	4,032	4,061	4,088	4,010	3,900	3,848	3,740	3,561	3,252	2,976
10/18/08	2,600	2,510	2,428	2,410	2,402	2,517	2,659	2,836	3,028	3,158	3,241	3,256	3,303	3,298	3,331	3,386	3,411	3,420	3,460	3,497	3,388	3,232	2,996	2,742
10/19/08	2,541	2,448	2,377	2,363	2,353	2,408	2,498	2,650	2,816	2,951	3,029	3,094	3,150	3,183	3,211	3,283	3,306	3,370	3,437	3,515	3,450	3,249	2,969	2,647
10/20/08	2,621	2,545	2,427	2,424	2,538	2,742	3,105	3,324	3,477	3,585	3,713	3,783	3,911	4,007	4,104	4,185	4,196	4,166	4,078	4,056	3,949	3,753	3,365	2,979
10/21/08	2,673	2,532	2,472	2,469	2,548	2,761	3,099	3,339	3,414	3,473	3,562	3,634	3,690	3,744	3,817	3,886	3,894	3,842	3,857	3,841	3,737	3,546	3,196	2,850
10/22/08	2,617	2,486	2,435	2,436	2,520	2,745	3,097	3,324	3,375	3,413	3,484	3,539	3,580	3,620	3,681	3,738	3,744	3,709	3,749	3,745	3,642	3,460	3,121	2,787
10/23/08	2,559	2,438	2,395	2,404	2,493	2,733	3,102	3,318	3,346	3,353	3,402	3,437	3,463	3,488	3,534	3,576	3,574	3,562	3,635	3,645	3,542	3,371	3,045	2,722
10/24/08	2,553	2,473	2,449	2,438	2,489	2,708	3,114	3,310	3,350	3,357	3,383	3,433	3,427	3,474	3,504	3,506	3,519	3,490	3,486	3,482	3,388	3,248	2,992	2,743
10/25/08	2,427	2,367	2,322	2,327	2,352	2,501	2,688	2,852	2,986	3,036	3,023	2,949	2,908	2,827	2,800	2,803	2,822	2,905	3,058	3,136	3,040	2,927	2,741	2,535
10/26/08	2,371	2,312	2,276	2,289	2,310	2,421	2,565	2,701	2,801	2,839	2,811	2,756	2,709	2,643	2,586	2,591	2,604	2,739	2,952	3,101	3,035	2,887	2,669	2,404
10/27/08	2,360	2,316	2,259	2,280	2,407	2,671	3,081	3,243	3,273	3,262	3,274	3,239	3,255	3,256	3,267	3,281	3,282	3,342	3,427	3,470	3,377	3,228	2,922	2,607
10/28/08	2,489	2,384	2,351	2,365	2,461	2,723	3,114	3,311	3,303	3,287	3,304	3,311	3,315	3,320	3,345	3,375	3,371	3,382	3,496	3,519	3,417	3,255	2,951	2,644
10/29/08	2,483	2,430	2,379	2,400	2,492	2,811	3,223	3,412	3,367	3,275	3,217	3,165	3,094	3,077	3,025	3,012	3,026	3,156	3,364	3,384	3,327	3,200	2,944	2,662
10/30/08	2,606	2,560	2,513	2,548	2,655	3,013	3,460	3,671	3,597	3,448	3,352	3,272	3,178	3,150	3,084	3,065	3,078	3,247	3,488	3,501	3,453	3,332	3,071	2,782
10/31/08	2,385	2,322	2,289	2,302	2,404	2,635	3,043	3,217	3,191	3,165	3,149	3,093	3,074	3,065	3,004	2,979	3,019	3,050	3,192	3,210	3,109	3,015	2,817	2,584

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
11/01/08	2,377	2,342	2,324	2,346	2,390	2,560	2,774	2,926	3,017	3,011	2,933	2,800	2,699	2,564	2,495	2,459	2,472	2,607	2,837	2,937	2,849	2,772	2,629	2,466
11/02/08	2,401	2,350	2,320	2,337	2,363	2,479	2,627	2,755	2,840	2,861	2,816	2,742	2,679	2,599	2,529	2,521	2,532	2,674	2,904	3,059	2,995	2,862	2,663	2,418
11/03/08	2,368	2,335	2,295	2,322	2,448	2,717	3,126	3,263	3,259	3,213	3,191	3,125	3,106	3,076	3,059	3,051	3,049	3,137	3,273	3,329	3,240	3,113	2,844	2,563
11/04/08	2,475	2,387	2,366	2,387	2,486	2,757	3,153	3,327	3,288	3,242	3,231	3,213	3,196	3,181	3,185	3,198	3,189	3,227	3,377	3,412	3,313	3,169	2,896	2,616
11/05/08	2,515	2,419	2,392	2,407	2,502	2,757	3,139	3,323	3,305	3,279	3,290	3,289	3,286	3,284	3,302	3,325	3,321	3,340	3,461	3,488	3,389	3,238	2,951	2,661
11/06/08	2,510	2,414	2,387	2,405	2,501	2,758	3,142	3,326	3,308	3,273	3,281	3,279	3,275	3,272	3,288	3,307	3,298	3,323	3,450	3,479	3,380	3,232	2,945	2,656
11/07/08	2,528	2,461	2,446	2,445	2,504	2,735	3,139	3,315	3,325	3,304	3,302	3,322	3,295	3,318	3,327	3,318	3,325	3,319	3,358	3,370	3,283	3,165	2,939	2,711
11/08/08	2,431	2,383	2,350	2,363	2,395	2,550	2,744	2,899	3,011	3,036	2,994	2,897	2,831	2,729	2,685	2,671	2,687	2,790	2,973	3,059	2,969	2,874	2,711	2,528
11/09/08	2,438	2,377	2,338	2,347	2,364	2,463	2,595	2,727	2,831	2,879	2,865	2,827	2,795	2,744	2,700	2,713	2,728	2,848	3,034	3,169	3,106	2,958	2,741	2,479
11/10/08	2,511	2,454	2,372	2,381	2,495	2,721	3,092	3,275	3,363	3,410	3,478	3,498	3,568	3,619	3,673	3,720	3,727	3,737	3,731	3,744	3,650	3,482	3,148	2,811
11/11/08	2,545	2,442	2,408	2,421	2,512	2,760	3,132	3,323	3,322	3,311	3,333	3,344	3,351	3,360	3,387	3,418	3,415	3,422	3,523	3,543	3,445	3,288	2,993	2,696
11/12/08	2,633	2,512	2,467	2,470	2,552	2,774	3,119	3,332	3,370	3,397	3,456	3,500	3,533	3,565	3,618	3,668	3,672	3,646	3,697	3,698	3,599	3,429	3,110	2,793
11/13/08	2,585	2,473	2,434	2,444	2,531	2,766	3,125	3,328	3,348	3,348	3,388	3,416	3,435	3,455	3,495	3,531	3,528	3,523	3,602	3,615	3,517	3,355	3,046	2,740
11/14/08	2,220	2,179	2,115	2,140	2,158	2,309	2,574	2,783	2,844	2,956	3,009	3,027	3,011	2,999	2,958	2,897	3,020	3,105	3,190	3,070	2,932	2,741	2,515	2,334
11/15/08	2,659	2,595	2,561	2,604	2,664	2,872	3,211	3,420	3,454	3,390	3,301	3,179	3,134	3,048	2,969	2,969	3,010	3,245	3,467	3,426	3,318	3,247	3,068	2,815
11/16/08	2,402	2,350	2,321	2,337	2,363	2,478	2,626	2,755	2,839	2,861	2,817	2,744	2,682	2,603	2,533	2,526	2,536	2,678	2,907	3,062	2,997	2,864	2,665	2,420
11/17/08	2,369	2,335	2,295	2,322	2,448	2,717	3,125	3,263	3,260	3,213	3,191	3,126	3,108	3,077	3,061	3,053	3,051	3,139	3,274	3,330	3,242	3,114	2,845	2,563
11/18/08	2,459	2,376	2,357	2,380	2,481	2,757	3,159	3,329	3,281	3,227	3,209	3,184	3,161	3,141	3,140	3,148	3,138	3,183	3,345	3,383	3,284	3,143	2,875	2,599
11/19/08	2,459	2,376	2,359	2,381	2,482	2,757	3,159	3,329	3,279	3,224	3,208	3,183	3,160	3,139	3,138	3,145	3,136	3,181	3,343	3,382	3,282	3,142	2,874	2,598
11/20/08	2,626	2,573	2,544	2,594	2,682	2,983	3,431	3,642	3,585	3,455	3,364	3,295	3,223	3,186	3,165	3,119	3,138	3,253	3,452	3,495	3,431	3,290	3,047	2,772
11/21/08	2,783	2,735	2,719	2,769	2,865	3,162	3,617	3,793	3,726	3,518	3,374	3,252	3,136	3,066	3,011	3,005	3,011	3,136	3,358	3,362	3,339	3,306	3,159	2,906
11/22/08	2,600	2,512	2,493	2,500	2,540	2,665	2,854	3,049	3,160	3,200	3,168	3,090	3,026	2,942	2,884	2,852	2,883	3,014	3,218	3,231	3,164	3,059	2,902	2,703
11/23/08	2,640	2,610	2,583	2,610	2,660	2,812	3,022	3,220	3,309	3,253	3,148	3,016	2,914	2,845	2,762	2,716	2,775	2,955	3,266	3,273	3,235	3,085	2,876	2,646
11/24/08	2,495	2,441	2,438	2,475	2,579	2,873	3,378	3,564	3,510	3,395	3,353	3,264	3,213	3,193	3,159	3,142	3,157	3,265	3,420	3,455	3,378	3,249	2,975	2,695
11/25/08	2,778	2,743	2,702	2,745	2,858	3,231	3,681	3,901	3,805	3,627	3,493	3,386	3,270	3,229	3,150	3,133	3,153	3,352	3,618	3,620	3,581	3,467	3,217	2,934
11/26/08	2,966	2,909	2,840	2,864	2,954	3,327	3,763	3,973	3,866	3,649	3,480	3,346	3,203	3,159	3,073	3,064	3,113	3,396	3,732	3,734	3,717	3,631	3,391	3,115
11/27/08	2,887	2,835	2,814	2,863	2,921	3,069	3,269	3,516	3,606	3,560	3,462	3,317	3,194	3,056	2,974	2,918	2,993	3,232	3,514	3,569	3,520	3,420	3,196	2,948
11/28/08	2,887	2,837	2,816	2,864	2,920	3,065	3,264	3,511	3,604	3,566	3,464	3,316	3,192	3,055	2,974	2,921	3,000	3,235	3,515	3,570	3,520	3,430	3,214	2,966
11/29/08	2,904	2,823	2,827	2,859	2,929	3,080	3,332	3,597	3,690	3,634	3,499	3,324	3,197	3,068	2,976	2,926	2,961	3,168	3,455	3,432	3,369	3,281	3,139	2,949
11/30/08	2,693	2,632	2,609	2,640	2,685	2,816	2,990	3,196	3,276	3,255	3,193	3,093	3,005	2,902	2,836	2,793	2,857	3,052	3,291	3,351	3,293	3,201	2,990	2,763
12/01/08	2,746	2,683	2,697	2,731	2,895	3,243	3,768	4,028	3,928	3,792	3,660	3,503	3,408	3,369	3,272	3,279	3,283	3,468	3,774	3,779	3,749	3,605	3,297	2,993
12/02/08	2,932	2,895	2,852	2,903	3,028	3,442	3,937	4,183	4,072	3,866	3,709	3,584	3,449	3,400	3,310	3,289	3,314	3,544	3,845	3,844	3,803	3,681	3,407	3,096
12/03/08	2,903	2,866	2,823	2,871	2,994	3,403	3,893	4,136	4,028	3,829	3,683	3,564	3,434	3,387	3,301	3,280	3,304	3,526	3,818	3,820	3,777	3,654	3,380	3,071
12/04/08	3,074	3,044	3,004	3,066	3,199	3,634	4,142	4,404	4,280	4,031	3,842	3,690	3,529	3,467	3,362	3,334	3,362	3,639	3,978	3,969	3,932	3,818	3,539	3,222
12/05/08	3,026	2,987	2,979	3,036	3,215	3,521	4,090	4,394	4,262	4,052	3,871	3,646	3,514	3,433	3,297	3,254	3,313	3,485	3,803	3,788	3,692	3,654	3,472	3,224
12/06/08	3,171	3,080	3,091	3,130	3,215	3,378	3,655	3,959	4,078	4,016	3,857	3,645	3,491	3,335	3,224	3,162	3,203	3,478	3,803	3,740	3,672	3,578	3,423	3,217
12/07/08	3,111	3,063	3,042	3,106	3,176	3,347	3,573	3,854	3,943	3,896	3,793	3,640	3,515	3,371	3,288	3,223	3,319	3,598	3,900	3,951	3,889	3,778	3,515	3,228
12/08/08	3,052	2,987	2,964	3,056	3,213	3,612	4,184	4,219	3,971	3,974	4,006	3,959	3,983	3,979	3,936	3,942	4,013	4,384	4,589	4,572	4,551	4,405	3,955	3,653
12/09/08	3,205	3,154	3,080	3,117	3,222	3,651	4,146	4,383	4,256	4,000	3,795	3,629	3,457	3,402	3,296	3,283	3,339	3,672	4,056	4,047	4,031	3,940	3,672	3,364
12/10/08	2,918	2,881	2,839	2,887	3,012	3,422	3,915	4,159	4,050	3,847	3,696	3,574	3,442	3,394	3,305	3,284	3,309	3,535	3,831	3,832	3,790	3,668	3,393	3,083
12/11/08	3,114	3,086	3,047	3,111	3,245	3,687	4,199	4,464	4,335	4,078	3,880	3,721	3,553	3,489	3,380	3,351	3,381	3,669	4,017	4,005	3,969	3,857	3,577	3,259
12/12/08	2,967	2,925	2,916	2,969	3,144	3,448	4,013	4,303	4,175	3,977	3,811	3,599	3,480	3,406	3,278	3,237	3,289	3,439	3,746	3,741	3,647	3,605	3,423	3,176
12/13/08	3,049	2,961	2,966	3,002	3,080	3,245	3,523	3,815	3,918	3,854	3,702	3,507	3,364	3,221	3,119	3,063	3,101	3,335	3,651	3,619	3,551	3,456	3,302	3,095
12/14/08	2,897	2,835	2,813	2,855	2,910	3,061	3,264	3,510	3,599	3,564	3,475	3,340	3,224	3,094	3,012	2,960	3,036	3,267	3,552	3,615	3,556	3,450	3,216	2,959
12/15/08	2,725	2,662	2,675	2,708	2,869	3,214	3,735	3,989	3,892	3,762	3,637	3,486	3,395	3,359	3,265	3,271	3,274	3,454	3,754	3,762	3,730	3,586	3,278	2,975
12/16/08	2,843	2,802	2,756	2,799	2,919	3,317	3,801	4,035	3,938	3,757	3,625	3,518	3,401	3,361	3,281	3,263	3,283	3,486	3,763	3,768	3,723	3,598	3,325	3,018
12/17/08	2,787	2,743	2,697	2,735	2,850	3,234	3,709	3,935	3,847	3,683	3,571	3,477	3,370	3,336	3,262	3,244	3,263	3,449	3,710	3,720	3,672	3,545	3,272	2,968
12/18/08	2,723	2,674	2,624	2,659	2,769	3,137	3,600	3,817	3,744	3,597	3,505	3,426	3,332	3,305	3,239	3,219	3,232	3,402	3,649	3,663	3,612	3,484	3,211	2,910
12/19/08	2,690	2,629	2,610	2,634	2,779	3,058	3,562	3,772	3,690	3,578	3,500	3,375	3,323	3,294	3,206	3,182	3,208	3,262	3,478	3,517	3,424	3,364	3,171	2,922
12/20/08	2,678	2,580	2,558	2,563	2,605	2,738	2,941	3,148	3,274	3,325	3,297	3,218	3,152	3,064	3,000	2,967	3,001	3,142	3,360	3,369	3,296	3,179	3,007	2,791
12/21/08	2,739	2,707	2,677	2,707	2,761	2,927	3,156	3,373	3,469	3,408	3,294	3,150	3,039	2,963	2,873	2,823	2,887	3,083	3,422	3,430	3,388	3,224	2,997	2,746
12/22/08	2,457	2,418	2,369	2,395	2,532	2,820	3,260	3,416	3,424	3,385	3,373	3,313	3,305	3,282	3,274	3,273	3,271	3,357	3,486	3,542	3,445	3,301	2,999	2,684
12/23/08	2,537	2,447	2,428	2,454	2,565	2,867	3,309	3,492	3,436	3,374	3,352	3,322	3,295	3,271	3,268	3,275	3,263	3,315	3,496	3,539	3,431	3,278	2,988	2,689
12/24/08	2,724	2,668	2,637	2,689	2,784	3,112	3,600	3,830	3,764	3,629	3,530	3,455	3,375	3,334	3,312	3,264	3,289	3,412	3,626	3,672	3,601	3,446	3,184	2,883
12/25/08	2,658	2,631	2,669	2,684	2,817	3,080	3,456	3,645	3,721	3,574	3,471	3,365	3,237	3,175	3,106	3,071	3,120	3,288	3,596	3,557	3,431	3,364	3,079	2,794
12/26/08	2,637	2,574	2,550	2,571	2,706	2,975	3,459	3,657	3,590	3,501	3,442	3,336	3,296	3,274	3,194	3,171	3,198	3,241	3,436	3,475	3,380	3,311	3,115	2,866
12/27/08	2,761	2,691	2,653	2,700	2,766	2,993	3,362	3,590	3,627	3,558	3,461	3,327	3,278	3,185	3,099	3,099	3,143	3,399	3,641	3,596	3,479	3,402	3,206	2,931
12/28/08	2,733	2,664	2,636	2,664	2,708	2,845	3,025	3,235	3,322	3,312	3,262	3,172	3,090	2,989	2,923	2,879	2,945	3,146	3,389	3,455	3,390	3,290	3,062	2,818
12/29/08	2,677	2,613	2,621	2,652	2,806	3,144	3,651	3,890	3,800	3,689	3,581	3,446	3,366	3,335	3,249	3,254	3,254	3,422	3,708	3,720	3,684	3,539	3,231	2,930
12/30/08	2,792	2,748	2,700	2,740	2,856	3,242	3,719	3,945	3,857	3,692	3,576	3,480	3,373	3,338	3,264	3,247	3,265	3,452	3,715	3,724	3,677	3,550	3,278	2,973
12/31/08	2,792	2,749	2,702	2,740	2,856	3,242	3,717	3,944	3,855	3,690	3,576	3,481	3,373	3,338	3,264	3,246	3,265	3,453	3,715	3,724	3,676	3,550	3,277	2,973

APS Own Load Hourly mW Forecast

52

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
01/01/09	2,921	2,853	2,828	2,869	2,923	3,079	3,285	3,529	3,622	3,583	3,499	3,370	3,255	3,126	3,046	2,992	3,064	3,299	3,587	3,655	3,594	3,493	3,255	2,996
01/02/09	2,951	2,902	2,891	2,935	3,108	3,416	3,987	4,259	4,137	3,957	3,815	3,622	3,522	3,462	3,343	3,307	3,348	3,465	3,755	3,770	3,675	3,628	3,437	3,182
01/03/09	2,962	2,869	2,864	2,889	2,954	3,118	3,376	3,642	3,743	3,716	3,609	3,458	3,345	3,221	3,136	3,089	3,127	3,310	3,597	3,608	3,538	3,432	3,265	3,043
01/04/09	2,977	2,914	2,891	2,933	2,991	3,146	3,356	3,609	3,702	3,666	3,574	3,434	3,315	3,181	3,096	3,043	3,122	3,360	3,654	3,719	3,658	3,549	3,306	3,042
01/05/09	3,015	2,945	2,977	3,020	3,208	3,575	4,149	4,456	4,345	4,165	3,987	3,778	3,643	3,581	3,455	3,475	3,498	3,742	4,098	4,069	4,044	3,889	3,575	3,260
01/06/09	3,081	3,047	3,004	3,060	3,193	3,632	4,149	4,410	4,288	4,058	3,879	3,736	3,584	3,528	3,427	3,404	3,433	3,691	4,018	4,014	3,973	3,849	3,566	3,243
01/07/09	3,175	3,146	3,106	3,168	3,305	3,757	4,281	4,552	4,419	4,167	3,968	3,808	3,638	3,573	3,464	3,437	3,472	3,758	4,108	4,097	4,058	3,940	3,654	3,326
01/08/09	3,422	3,388	3,322	3,376	3,502	3,975	4,523	4,780	4,633	4,344	4,123	3,932	3,737	3,675	3,553	3,526	3,580	3,948	4,349	4,325	4,305	4,216	3,921	3,592
01/09/09	3,306	3,268	3,260	3,327	3,526	3,841	4,423	4,755	4,622	4,376	4,153	3,893	3,729	3,630	3,467	3,426	3,505	3,741	4,080	4,048	3,946	3,922	3,739	3,464
01/10/09	3,366	3,267	3,278	3,317	3,402	3,562	3,809	4,108	4,253	4,237	4,119	3,930	3,783	3,623	3,512	3,450	3,497	3,804	4,105	4,042	3,979	3,877	3,698	3,470
01/11/09	3,078	3,020	2,998	3,049	3,113	3,274	3,495	3,767	3,866	3,823	3,716	3,557	3,423	3,273	3,181	3,123	3,210	3,467	3,778	3,840	3,782	3,666	3,415	3,139
01/12/09	3,041	2,970	3,004	3,049	3,238	3,605	4,182	4,491	4,379	4,199	4,019	3,805	3,668	3,604	3,475	3,497	3,524	3,776	4,136	4,100	4,075	3,919	3,604	3,289
01/13/09	3,014	2,977	2,932	2,984	3,114	3,542	4,052	4,306	4,192	3,979	3,817	3,687	3,548	3,498	3,405	3,383	3,408	3,646	3,957	3,956	3,914	3,787	3,505	3,184
01/14/09	2,944	2,903	2,858	2,903	3,028	3,442	3,943	4,188	4,083	3,890	3,750	3,636	3,510	3,467	3,382	3,362	3,384	3,601	3,891	3,896	3,850	3,722	3,439	3,122
01/15/09	2,900	2,855	2,807	2,852	2,975	3,379	3,876	4,115	4,020	3,834	3,707	3,603	3,487	3,448	3,368	3,346	3,362	3,568	3,850	3,859	3,811	3,683	3,399	3,083
01/16/09	2,951	2,902	2,891	2,935	3,108	3,416	3,987	4,259	4,137	3,957	3,815	3,622	3,522	3,462	3,343	3,307	3,348	3,465	3,755	3,770	3,675	3,628	3,437	3,182
01/17/09	2,924	2,830	2,822	2,844	2,905	3,066	3,316	3,572	3,675	3,661	3,568	3,430	3,324	3,207	3,126	3,081	3,118	3,292	3,568	3,585	3,515	3,406	3,237	3,013
01/18/09	2,875	2,807	2,781	2,816	2,866	3,014	3,210	3,442	3,531	3,508	3,439	3,326	3,227	3,111	3,036	2,988	3,060	3,280	3,549	3,616	3,551	3,448	3,210	2,954
01/19/09	2,820	2,750	2,722	2,755	2,803	2,949	3,140	3,358	3,447	3,432	3,374	3,253	3,161	3,058	2,989	2,943	3,012	3,224	3,480	3,549	3,485	3,383	3,150	2,902
01/20/09	2,884	2,840	2,791	2,833	2,953	3,356	3,850	4,086	3,992	3,818	3,693	3,591	3,478	3,440	3,362	3,344	3,363	3,561	3,837	3,845	3,797	3,666	3,385	3,070
01/21/09	2,780	2,729	2,677	2,709	2,819	3,194	3,667	3,887	3,813	3,676	3,586	3,508	3,415	3,388	3,322	3,306	3,323	3,489	3,735	3,751	3,696	3,563	3,283	2,973
01/22/09	2,796	2,745	2,694	2,729	2,842	3,222	3,699	3,923	3,848	3,698	3,603	3,522	3,426	3,398	3,330	3,310	3,323	3,498	3,751	3,767	3,714	3,582	3,300	2,989
01/23/09	2,800	2,740	2,722	2,751	2,906	3,199	3,732	3,958	3,865	3,735	3,642	3,500	3,438	3,402	3,306	3,279	3,307	3,373	3,609	3,647	3,552	3,495	3,298	3,041
01/24/09	2,829	2,732	2,716	2,730	2,781	2,931	3,159	3,392	3,505	3,526	3,468	3,362	3,278	3,175	3,104	3,065	3,101	3,255	3,502	3,524	3,451	3,337	3,162	2,937
01/25/09	2,816	2,782	2,751	2,783	2,838	3,009	3,246	3,469	3,569	3,506	3,388	3,239	3,125	3,046	2,953	2,902	2,968	3,170	3,521	3,529	3,485	3,316	3,081	2,823
01/26/09	2,506	2,470	2,426	2,457	2,600	2,904	3,366	3,519	3,511	3,454	3,426	3,349	3,324	3,286	3,265	3,253	3,250	3,353	3,512	3,576	3,477	3,335	3,035	2,720
01/27/09	2,628	2,530	2,506	2,531	2,642	2,947	3,394	3,590	3,544	3,492	3,479	3,457	3,438	3,421	3,425	3,439	3,428	3,472	3,642	3,682	3,571	3,409	3,102	2,788
01/28/09	2,800	2,742	2,710	2,763	2,862	3,201	3,704	3,941	3,874	3,734	3,632	3,554	3,472	3,430	3,406	3,357	3,384	3,510	3,731	3,778	3,705	3,545	3,274	2,964
01/29/09	2,614	2,519	2,498	2,526	2,640	2,949	3,402	3,594	3,542	3,475	3,458	3,431	3,406	3,384	3,383	3,389	3,373	3,428	3,612	3,656	3,543	3,387	3,082	2,771
01/30/09	2,977	2,924	2,905	2,962	3,070	3,403	3,916	4,114	4,039	3,804	3,642	3,505	3,374	3,296	3,234	3,227	3,234	3,374	3,624	3,628	3,603	3,565	3,401	3,115
01/31/09	2,831	2,734	2,718	2,732	2,783	2,933	3,161	3,395	3,508	3,528	3,470	3,363	3,278	3,175	3,104	3,065	3,101	3,255	3,503	3,525	3,453	3,338	3,163	2,938
02/01/09	2,844	2,771	2,741	2,766	2,808	2,942	3,118	3,324	3,415	3,414	3,373	3,292	3,217	3,120	3,056	3,013	3,077	3,275	3,511	3,579	3,513	3,410	3,179	2,932
02/02/09	2,818	2,753	2,760	2,791	2,947	3,290	3,804	4,046	3,955	3,844	3,735	3,599	3,519	3,488	3,401	3,406	3,406	3,575	3,865	3,877	3,841	3,694	3,380	3,075
02/03/09	2,924	2,878	2,829	2,867	2,984	3,373	3,855	4,082	3,995	3,833	3,720	3,625	3,520	3,486	3,412	3,395	3,413	3,599	3,862	3,872	3,823	3,693	3,418	3,109
02/04/09	3,003	2,962	2,918	2,962	3,084	3,490	3,982	4,222	4,120	3,932	3,797	3,687	3,564	3,522	3,439	3,420	3,442	3,652	3,936	3,941	3,895	3,769	3,491	3,179
02/05/09	3,039	2,998	2,954	3,004	3,129	3,542	4,039	4,285	4,180	3,975	3,830	3,713	3,584	3,538	3,452	3,428	3,447	3,672	3,968	3,972	3,928	3,805	3,524	3,211
02/06/09	3,116	3,074	3,065	3,118	3,296	3,605	4,179	4,473	4,343	4,142	3,974	3,758	3,637	3,562	3,432	3,391	3,443	3,595	3,907	3,902	3,806	3,764	3,579	3,328
02/07/09	3,181	3,091	3,095	3,130	3,208	3,376	3,656	3,950	4,053	3,990	3,840	3,646	3,504	3,361	3,259	3,203	3,242	3,473	3,791	3,764	3,695	3,597	3,440	3,230
02/08/09	3,188	3,133	3,112	3,166	3,232	3,394	3,615	3,891	3,989	3,945	3,837	3,675	3,541	3,390	3,298	3,238	3,327	3,590	3,900	3,959	3,902	3,785	3,533	3,255
02/09/09	3,097	3,037	3,079	3,131	3,325	3,696	4,271	4,583	4,469	4,288	4,108	3,896	3,759	3,693	3,564	3,579	3,598	3,835	4,183	4,148	4,120	3,963	3,649	3,334
02/10/09	3,106	3,071	3,028	3,081	3,210	3,635	4,140	4,393	4,277	4,061	3,894	3,762	3,620	3,568	3,473	3,451	3,477	3,719	4,032	4,030	3,989	3,865	3,587	3,270
02/11/09	2,928	2,883	2,836	2,874	2,991	3,380	3,861	4,090	4,001	3,837	3,724	3,630	3,523	3,488	3,414	3,396	3,415	3,603	3,866	3,876	3,827	3,698	3,421	3,113
02/12/09	3,003	2,961	2,916	2,963	3,086	3,491	3,985	4,225	4,126	3,931	3,796	3,686	3,565	3,523	3,440	3,417	3,435	3,649	3,936	3,942	3,896	3,772	3,492	3,180
02/13/09	2,923	2,868	2,853	2,887	3,047	3,342	3,882	4,121	4,017	3,870	3,760	3,601	3,526	3,482	3,380	3,351	3,381	3,463	3,716	3,747	3,654	3,602	3,411	3,159
02/14/09	2,927	2,833	2,820	2,836	2,889	3,040	3,271	3,507	3,615	3,624	3,556	3,443	3,353	3,248	3,175	3,135	3,171	3,327	3,579	3,601	3,531	3,420	3,249	3,028
02/15/09	2,865	2,793	2,764	2,791	2,836	2,973	3,153	3,363	3,453	3,446	3,399	3,312	3,231	3,131	3,065	3,021	3,087	3,289	3,532	3,599	3,533	3,431	3,199	2,952
02/16/09	2,747	2,678	2,679	2,706	2,849	3,173	3,660	3,880	3,809	3,732	3,651	3,537	3,474	3,451	3,374	3,379	3,378	3,528	3,796	3,807	3,763	3,613	3,303	3,005
02/17/09	2,828	2,777	2,724	2,754	2,860	3,224	3,685	3,897	3,831	3,704	3,620	3,547	3,461	3,437	3,373	3,359	3,374	3,531	3,769	3,785	3,731	3,598	3,324	3,020
02/18/09	2,706	2,608	2,585	2,608	2,717	3,014	3,451	3,645	3,602	3,553	3,545	3,527	3,509	3,493	3,499	3,513	3,505	3,545	3,708	3,747	3,636	3,478	3,173	2,862
02/19/09	2,869	2,811	2,779	2,834	2,932	3,265	3,761	3,995	3,932	3,788	3,687	3,611	3,531	3,490	3,467	3,416	3,437	3,565	3,785	3,833	3,761	3,605	3,336	3,031
02/20/09	3,044	2,991	2,973	3,028	3,135	3,463	3,968	4,162	4,088	3,857	3,698	3,563	3,434	3,358	3,296	3,289	3,296	3,434	3,680	3,685	3,659	3,622	3,460	3,180
02/21/09	2,588	2,550	2,532	2,558	2,608	2,798	3,037	3,205	3,304	3,293	3,203	3,051	2,936	2,783	2,704	2,661	2,675	2,828	3,089	3,201	3,104	3,020	2,864	2,686
02/22/09	2,885	2,852	2,821	2,852	2,907	3,075	3,308	3,528	3,626	3,564	3,448	3,302	3,189	3,112	3,020	2,969	3,035	3,234	3,578	3,586	3,544	3,377	3,146	2,892
02/23/09	2,602	2,561	2,510	2,536	2,674	2,965	3,411	3,572	3,583	3,548	3,539	3,483	3,478	3,459	3,453	3,454	3,454	3,537	3,661	3,717	3,618	3,470	3,160	2,839
02/24/09	2,716	2,616	2,590	2,612	2,720	3,014	3,448	3,644	3,609	3,565	3,560	3,546	3,533	3,521	3,530	3,549	3,540	3,575	3,731	3,767	3,658	3,496	3,189	2,875
02/25/09	2,746	2,639	2,609	2,627	2,731	3,015	3,438	3,642	3,621	3,592	3,603	3,602	3,598	3,596	3,615	3,640	3,635	3,657	3,792	3,822	3,712	3,546	3,228	2,907
02/26/09	2,700	2,602	2,580	2,606	2,716	3,015	3,456	3,649	3,605	3,546	3,535	3,515	3,495	3,477	3,481	3,491	3,477	3,524	3,695	3,736	3,625	3,469	3,165	2,856
02/27/09	2,670	2,611	2,606	2,617	2,698	2,984	3,456	3,633	3,603	3,538	3,500	3,479	3,419	3,411	3,390	3,364	3,364	3,392	3,500	3,536	3,444	3,337	3,113	2,878
02/28/09	2,906	2,835	2,797	2,845	2,912	3,142	3,517	3,749	3,787	3,716	3,617	3,482	3,432	3,337	3,250	3,250	3,295	3,555	3,801	3,755	3,636	3,557	3,359	3,079

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
03/01/09	2,654	2,624	2,596	2,624	2,674	2,826	3,037	3,236	3,325	3,269	3,164	3,031	2,929	2,859	2,776	2,730	2,789	2,970	3,282	3,289	3,250	3,100	2,890	2,660
03/02/09	2,509	2,454	2,451	2,489	2,593	2,888	3,393	3,580	3,527	3,411	3,369	3,280	3,229	3,209	3,174	3,158	3,172	3,280	3,436	3,471	3,394	3,264	2,990	2,709
03/03/09	2,639	2,587	2,558	2,606	2,694	2,997	3,446	3,656	3,598	3,474	3,381	3,310	3,238	3,201	3,179	3,137	3,159	3,271	3,469	3,511	3,447	3,303	3,063	2,786
03/04/09	2,639	2,588	2,560	2,607	2,695	2,997	3,445	3,656	3,596	3,472	3,381	3,311	3,238	3,201	3,180	3,136	3,160	3,272	3,469	3,511	3,446	3,303	3,062	2,786
03/05/09	2,610	2,562	2,515	2,545	2,642	2,972	3,391	3,586	3,526	3,402	3,326	3,260	3,180	3,158	3,100	3,083	3,094	3,242	3,461	3,476	3,427	3,309	3,058	2,782
03/06/09	2,665	2,613	2,598	2,627	2,768	3,033	3,514	3,724	3,635	3,510	3,418	3,283	3,221	3,185	3,096	3,071	3,097	3,163	3,383	3,415	3,330	3,281	3,107	2,879
03/07/09	2,654	2,567	2,552	2,562	2,607	2,739	2,938	3,143	3,246	3,269	3,223	3,132	3,059	2,970	2,907	2,874	2,906	3,041	3,258	3,276	3,211	3,108	2,952	2,751
03/08/09	2,694	2,633	2,609	2,639	2,683	2,814	2,987	3,191	3,270	3,251	3,193	3,096	3,010	2,909	2,844	2,801	2,865	3,058	3,295	3,355	3,297	3,205	2,993	2,766
03/09/09	2,777	2,727	2,761	2,806	2,978	3,314	3,828	4,102	3,999	3,843	3,690	3,512	3,397	3,343	3,234	3,242	3,250	3,444	3,745	3,728	3,700	3,561	3,276	2,991
03/10/09	2,723	2,683	2,640	2,678	2,786	3,146	3,588	3,799	3,714	3,556	3,443	3,350	3,248	3,214	3,143	3,127	3,144	3,323	3,570	3,577	3,535	3,418	3,168	2,887
03/11/09	2,661	2,618	2,574	2,606	2,708	3,053	3,483	3,685	3,610	3,473	3,381	3,303	3,212	3,184	3,121	3,105	3,122	3,282	3,511	3,523	3,476	3,359	3,109	2,830
03/12/09	2,647	2,602	2,557	2,590	2,691	3,032	3,460	3,660	3,592	3,454	3,366	3,291	3,204	3,178	3,116	3,098	3,110	3,269	3,498	3,511	3,464	3,347	3,095	2,818
03/13/09	2,644	2,590	2,575	2,601	2,739	3,001	3,476	3,679	3,595	3,478	3,394	3,266	3,210	3,177	3,091	3,067	3,092	3,152	3,364	3,397	3,313	3,262	3,086	2,858
03/14/09	2,673	2,609	2,574	2,618	2,678	2,887	3,226	3,436	3,470	3,406	3,317	3,194	3,149	3,063	2,984	2,984	3,025	3,260	3,483	3,442	3,334	3,262	3,083	2,830
03/15/09	2,654	2,624	2,596	2,624	2,674	2,826	3,037	3,236	3,325	3,269	3,164	3,031	2,929	2,859	2,776	2,730	2,789	2,970	3,282	3,289	3,250	3,100	2,890	2,660
03/16/09	2,509	2,454	2,451	2,489	2,593	2,888	3,393	3,580	3,527	3,411	3,369	3,280	3,229	3,209	3,174	3,158	3,172	3,280	3,436	3,471	3,394	3,264	2,990	2,709
03/17/09	2,639	2,587	2,558	2,606	2,694	2,997	3,446	3,656	3,598	3,474	3,381	3,310	3,238	3,201	3,179	3,137	3,159	3,271	3,469	3,511	3,447	3,303	3,063	2,786
03/18/09	2,639	2,588	2,560	2,607	2,695	2,997	3,445	3,656	3,596	3,472	3,381	3,311	3,238	3,201	3,180	3,136	3,160	3,272	3,469	3,511	3,446	3,303	3,062	2,786
03/19/09	2,472	2,387	2,369	2,395	2,496	2,772	3,176	3,348	3,300	3,238	3,222	3,197	3,174	3,153	3,152	3,157	3,143	3,192	3,358	3,397	3,297	3,159	2,888	2,612
03/20/09	2,460	2,406	2,402	2,412	2,485	2,743	3,171	3,331	3,304	3,246	3,211	3,193	3,138	3,132	3,113	3,090	3,089	3,115	3,211	3,244	3,161	3,064	2,861	2,648
03/21/09	2,673	2,609	2,574	2,618	2,678	2,887	3,226	3,436	3,470	3,406	3,317	3,194	3,149	3,063	2,984	2,984	3,025	3,260	3,483	3,442	3,334	3,262	3,083	2,830
03/22/09	2,436	2,378	2,343	2,356	2,376	2,482	2,621	2,752	2,848	2,885	2,859	2,807	2,762	2,700	2,646	2,651	2,663	2,793	2,997	3,140	3,077	2,934	2,723	2,468
03/23/09	2,399	2,362	2,315	2,339	2,464	2,726	3,129	3,275	3,286	3,256	3,249	3,199	3,195	3,179	3,175	3,177	3,176	3,251	3,362	3,411	3,322	3,187	2,907	2,615
03/24/09	2,500	2,410	2,386	2,406	2,504	2,771	3,164	3,341	3,309	3,269	3,264	3,251	3,239	3,228	3,237	3,253	3,245	3,277	3,419	3,451	3,352	3,206	2,928	2,644
03/25/09	2,494	2,405	2,384	2,404	2,503	2,771	3,166	3,342	3,304	3,260	3,254	3,239	3,223	3,210	3,216	3,229	3,222	3,257	3,404	3,438	3,338	3,194	2,918	2,636
03/26/09	2,538	2,438	2,409	2,426	2,520	2,773	3,153	3,342	3,331	3,303	3,318	3,322	3,322	3,324	3,345	3,368	3,360	3,379	3,496	3,522	3,423	3,271	2,979	2,686
03/27/09	2,500	2,440	2,430	2,434	2,500	2,745	3,161	3,329	3,321	3,281	3,263	3,264	3,223	3,231	3,227	3,211	3,214	3,223	3,291	3,313	3,228	3,121	2,906	2,685
03/28/09	2,538	2,471	2,416	2,414	2,427	2,559	2,724	2,886	3,033	3,106	3,123	3,081	3,069	3,017	3,010	3,030	3,051	3,106	3,217	3,279	3,184	3,061	2,866	2,652
03/29/09	2,520	2,444	2,390	2,387	2,390	2,465	2,572	2,712	2,845	2,936	2,969	2,984	2,997	2,991	2,985	3,028	3,048	3,137	3,258	3,362	3,300	3,127	2,882	2,595
03/30/09	2,544	2,484	2,397	2,404	2,518	2,740	3,109	3,297	3,393	3,450	3,526	3,554	3,632	3,690	3,750	3,803	3,811	3,813	3,795	3,804	3,708	3,537	3,196	2,853
03/31/09	2,590	2,480	2,441	2,451	2,539	2,778	3,141	3,341	3,354	3,358	3,392	3,415	3,432	3,450	3,486	3,525	3,524	3,519	3,602	3,615	3,517	3,354	3,050	2,744
04/01/09	2,701	2,589	2,550	2,559	2,648	2,888	3,254	3,458	3,472	3,477	3,516	3,541	3,559	3,578	3,616	3,655	3,656	3,649	3,730	3,743	3,643	3,478	3,167	2,857
04/02/09	2,747	2,625	2,579	2,585	2,670	2,898	3,250	3,466	3,505	3,523	3,580	3,623	3,656	3,687	3,738	3,785	3,784	3,764	3,822	3,826	3,726	3,555	3,230	2,910
04/03/09	2,627	2,563	2,550	2,551	2,614	2,856	3,272	3,446	3,448	3,417	3,408	3,418	3,384	3,401	3,403	3,391	3,395	3,397	3,450	3,468	3,381	3,266	3,041	2,813
04/04/09	2,527	2,483	2,456	2,473	2,510	2,673	2,878	3,034	3,140	3,153	3,097	2,984	2,903	2,787	2,733	2,710	2,725	2,842	3,047	3,139	3,049	2,959	2,801	2,623
04/05/09	2,501	2,454	2,429	2,450	2,481	2,607	2,767	2,895	2,971	2,979	2,917	2,824	2,745	2,648	2,562	2,544	2,552	2,708	2,965	3,133	3,066	2,939	2,747	2,507
04/06/09	2,496	2,460	2,415	2,440	2,567	2,836	3,247	3,393	3,398	3,361	3,349	3,293	3,284	3,262	3,253	3,251	3,250	3,331	3,452	3,505	3,415	3,281	3,000	2,708
04/07/09	2,694	2,646	2,596	2,623	2,718	3,047	3,466	3,658	3,601	3,492	3,419	3,356	3,279	3,259	3,202	3,189	3,203	3,343	3,557	3,573	3,522	3,399	3,149	2,870
04/08/09	2,866	2,828	2,787	2,828	2,940	3,311	3,762	3,982	3,889	3,718	3,595	3,494	3,383	3,344	3,269	3,251	3,271	3,463	3,722	3,727	3,685	3,569	3,314	3,028
04/09/09	2,695	2,645	2,597	2,624	2,720	3,048	3,467	3,660	3,605	3,489	3,418	3,357	3,280	3,260	3,203	3,187	3,197	3,340	3,557	3,574	3,523	3,402	3,149	2,870
04/10/09	2,630	2,569	2,544	2,561	2,679	2,923	3,358	3,536	3,484	3,419	3,377	3,292	3,262	3,246	3,176	3,155	3,183	3,217	3,384	3,418	3,327	3,255	3,069	2,838
04/11/09	2,498	2,461	2,442	2,464	2,508	2,679	2,895	3,050	3,144	3,140	3,063	2,930	2,830	2,696	2,628	2,592	2,605	2,740	2,971	3,072	2,982	2,902	2,756	2,589
04/12/09	2,556	2,494	2,455	2,464	2,481	2,582	2,715	2,850	2,956	3,005	2,991	2,953	2,920	2,870	2,825	2,839	2,853	2,976	3,164	3,301	3,237	3,086	2,865	2,599
04/13/09	2,614	2,559	2,556	2,594	2,700	2,999	3,511	3,700	3,646	3,528	3,486	3,396	3,344	3,324	3,289	3,272	3,287	3,396	3,554	3,590	3,512	3,380	3,102	2,817
04/14/09	2,638	2,539	2,509	2,525	2,621	2,881	3,268	3,456	3,441	3,417	3,426	3,426	3,425	3,425	3,444	3,469	3,463	3,482	3,603	3,629	3,529	3,375	3,083	2,787
04/15/09	2,747	2,695	2,666	2,714	2,803	3,109	3,563	3,777	3,717	3,591	3,498	3,428	3,354	3,316	3,295	3,250	3,274	3,388	3,588	3,630	3,565	3,420	3,175	2,895
04/16/09	2,680	2,571	2,535	2,548	2,640	2,886	3,259	3,459	3,466	3,455	3,485	3,503	3,515	3,528	3,560	3,591	3,586	3,591	3,687	3,705	3,606	3,446	3,139	2,834
04/17/09	2,678	2,605	2,586	2,581	2,636	2,862	3,266	3,450	3,473	3,464	3,475	3,508	3,490	3,523	3,542	3,538	3,547	3,531	3,551	3,556	3,466	3,339	3,100	2,863
04/18/09	2,584	2,528	2,486	2,493	2,518	2,666	2,852	3,011	3,139	3,183	3,164	3,087	3,041	2,958	2,927	2,927	2,945	3,031	3,187	3,266	3,172	3,065	2,887	2,689
04/19/09	2,585	2,516	2,470	2,474	2,485	2,575	2,697	2,835	2,953	3,021	3,028	3,014	3,002	2,970	2,943	2,970	2,987	3,096	3,255	3,377	3,315	3,153	2,920	2,642
04/20/09	2,560	2,512	2,446	2,463	2,584	2,832	3,224	3,392	3,443	3,453	3,486	3,473	3,508	3,528	3,556	3,582	3,586	3,625	3,675	3,708	3,615	3,460	3,147	2,827
04/21/09	2,700	2,587	2,548	2,557	2,646	2,888	3,255	3,458	3,474	3,478	3,515	3,539	3,558	3,576	3,614	3,654	3,653	3,647	3,729	3,742	3,642	3,477	3,167	2,857
04/22/09	2,725	2,608	2,566	2,572	2,658	2,892	3,250	3,460	3,486	3,501	3,550	3,584	3,609	3,634	3,680	3,724	3,726	3,711	3,778	3,786	3,685	3,517	3,200	2,884
04/23/09	2,752	2,628	2,582	2,588	2,672	2,899	3,250	3,467	3,508	3,528	3,587	3,631	3,665	3,698	3,750	3,797	3,797	3,776	3,831	3,834	3,734	3,562	3,236	2,915
04/24/09	2,841	2,747	2,710	2,687	2,720	2,901	3,274	3,488	3,575	3,627	3,695	3,793	3,820	3,901	3,963	3,982	4,003	3,944	3,872	3,840	3,740	3,579	3,296	3,036
04/25/09	2,743	2,658	2,581	2,566	2,562	2,677	2,820	2,991	3,172	3,291	3,362	3,368	3,404	3,393	3,418	3,468	3,492	3,507	3,557	3,598	3,493	3,345	3,120	2,877
04/26/09	2,714	2,621	2,551	2,537	2,525	2,576	2,662	2,812	2,977	3,112	3,192	3,260	3,320	3,355	3,386	3,459	3,482	3,541	3,601	3,674	3,611	3,412	3,136	2,820
04/27/09	2,743	2,673	2,565	2,564	2,677	2,883	3,243	3,450	3,586	3,678	3,791	3,849	3,962	4,046	4,133	4,205	4,216	4,194	4,126	4,113	4,010	3,823	3,453	3,084
04/28/09	3,160	2,949	2,839	2,798	2,838	2,972	3,218	3,499	3,654	3,785	3,948	4,086	4,183	4,269	4,377	4,473	4,469	4,395	4,351	4,310	4,226	4,049	3,690	3,346
04/29/09	3,311	3,079	2,960	2,912	2,946	3,063	3,287	3,593	3,774	3,930	4,124	4,287	4,399	4,493	4,614	4,722	4,722	4,637	4,576	4,513	4,417	4,236	3,862	3,508
04/30/09	3,037	2,864	2,786	2,772	2,837	3,007	3,295	3,571	3,711	3,822	3,971	4,098	4,193	4,281	4,390	4,484	4,494	4,404	4,352	4,299	4,185	3,981	3,598	3,230

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
05/01/09	3,205	3,075	3,018	2,972	2,984	3,145	3,542	3,821	3,990	4,115	4,254	4,441	4,515	4,657	4,770	4,814	4,852	4,748	4,580	4,495	4,366	4,149	3,780	3,462
05/02/09	3,135	3,006	2,876	2,834	2,791	2,890	3,009	3,226	3,499	3,728	3,922	4,022	4,163	4,223	4,318	4,424	4,454	4,397	4,340	4,334	4,188	3,978	3,667	3,341
05/03/09	2,892	2,779	2,690	2,668	2,647	2,694	2,781	2,955	3,157	3,332	3,447	3,549	3,639	3,699	3,750	3,847	3,873	3,926	3,964	4,032	3,958	3,721	3,396	3,025
05/04/09	3,020	2,927	2,779	2,768	2,893	3,103	3,495	3,749	3,951	4,097	4,266	4,367	4,535	4,658	4,784	4,887	4,901	4,852	4,718	4,673	4,549	4,323	3,875	3,431
05/05/09	3,035	2,868	2,795	2,787	2,871	3,094	3,454	3,732	3,837	3,923	4,040	4,138	4,214	4,286	4,380	4,467	4,478	4,405	4,397	4,368	4,249	4,032	3,630	3,238
05/06/09	2,840	2,709	2,663	2,671	2,770	3,038	3,449	3,684	3,708	3,720	3,770	3,805	3,830	3,856	3,904	3,952	3,954	3,940	4,023	4,034	3,921	3,731	3,374	3,019
05/07/09	2,822	2,694	2,650	2,663	2,764	3,037	3,453	3,685	3,704	3,702	3,745	3,774	3,794	3,815	3,859	3,899	3,895	3,892	3,988	4,004	3,891	3,705	3,351	3,000
05/08/09	2,817	2,732	2,708	2,700	2,760	3,009	3,463	3,676	3,711	3,708	3,727	3,773	3,759	3,803	3,829	3,828	3,840	3,816	3,826	3,827	3,724	3,576	3,299	3,027
05/09/09	2,685	2,622	2,577	2,585	2,616	2,785	2,997	3,178	3,321	3,367	3,341	3,250	3,195	3,097	3,059	3,057	3,077	3,178	3,360	3,451	3,345	3,225	3,025	2,803
05/10/09	2,658	2,588	2,544	2,555	2,574	2,689	2,842	2,994	3,113	3,167	3,150	3,105	3,066	3,007	2,955	2,969	2,985	3,125	3,342	3,498	3,426	3,255	3,005	2,704
05/11/09	2,691	2,633	2,551	2,566	2,702	2,975	3,413	3,612	3,685	3,713	3,766	3,765	3,820	3,856	3,899	3,939	3,944	3,976	4,009	4,038	3,932	3,750	3,383	3,011
05/12/09	3,037	2,870	2,797	2,789	2,872	3,095	3,454	3,733	3,838	3,924	4,043	4,141	4,218	4,290	4,384	4,471	4,482	4,409	4,400	4,371	4,252	4,034	3,633	3,240
05/13/09	3,069	2,896	2,821	2,810	2,891	3,107	3,459	3,744	3,859	3,955	4,085	4,194	4,276	4,353	4,454	4,545	4,558	4,479	4,457	4,422	4,301	4,081	3,672	3,274
05/14/09	3,096	2,917	2,839	2,829	2,909	3,120	3,467	3,759	3,885	3,982	4,121	4,237	4,325	4,408	4,514	4,606	4,615	4,533	4,505	4,466	4,344	4,122	3,706	3,304
05/15/09	3,150	3,025	2,971	2,929	2,947	3,117	3,520	3,790	3,943	4,054	4,178	4,348	4,413	4,544	4,647	4,686	4,722	4,624	4,475	4,401	4,276	4,067	3,709	3,396
05/16/09	3,036	2,918	2,802	2,768	2,738	2,847	2,978	3,186	3,436	3,634	3,790	3,860	3,969	4,007	4,080	4,171	4,201	4,167	4,145	4,157	4,022	3,825	3,532	3,222
05/17/09	3,034	2,903	2,795	2,760	2,721	2,745	2,811	2,996	3,229	3,454	3,621	3,778	3,914	4,016	4,101	4,226	4,252	4,274	4,249	4,283	4,204	3,941	3,588	3,191
05/18/09	3,251	3,143	2,961	2,937	3,061	3,244	3,617	3,892	4,152	4,342	4,558	4,696	4,908	5,053	5,206	5,329	5,344	5,277	5,087	5,000	4,863	4,627	4,148	3,674
05/19/09	3,377	3,158	3,055	3,029	3,096	3,268	3,568	3,911	4,109	4,280	4,488	4,666	4,799	4,918	5,063	5,194	5,211	5,081	4,985	4,892	4,751	4,504	4,049	3,613
05/20/09	3,372	3,154	3,053	3,026	3,093	3,265	3,565	3,907	4,102	4,272	4,481	4,660	4,791	4,908	5,053	5,183	5,200	5,072	4,975	4,884	4,742	4,497	4,042	3,606
05/21/09	3,461	3,229	3,121	3,095	3,160	3,322	3,612	3,970	4,186	4,365	4,592	4,787	4,929	5,055	5,208	5,344	5,356	5,222	5,116	5,011	4,862	4,614	4,147	3,703
05/22/09	3,444	3,297	3,231	3,168	3,159	3,286	3,673	3,985	4,211	4,388	4,576	4,830	4,933	5,112	5,253	5,312	5,364	5,242	5,014	4,885	4,738	4,499	4,088	3,757
05/23/09	3,371	3,225	3,065	3,011	2,941	3,029	3,128	3,364	3,683	3,973	4,241	4,390	4,595	4,687	4,819	4,948	4,977	4,882	4,765	4,724	4,551	4,321	3,977	3,625
05/24/09	3,339	3,182	3,041	2,988	2,920	2,915	2,960	3,165	3,443	3,746	3,986	4,216	4,417	4,568	4,690	4,852	4,865	4,849	4,748	4,736	4,638	4,341	3,951	3,516
05/25/09	3,748	3,584	3,399	3,351	3,251	3,238	3,291	3,499	3,880	4,310	4,607	4,962	5,189	5,298	5,511	5,707	5,766	5,689	5,466	5,417	5,213	4,943	4,553	4,155
05/26/09	4,002	3,690	3,541	3,487	3,529	3,640	3,856	4,282	4,554	4,790	5,082	5,333	5,494	5,616	5,784	5,942	5,929	5,800	5,704	5,555	5,392	5,164	4,699	4,261
05/27/09	3,997	3,685	3,537	3,482	3,523	3,633	3,848	4,274	4,544	4,778	5,071	5,323	5,482	5,603	5,771	5,927	5,915	5,787	5,691	5,545	5,381	5,156	4,691	4,254
05/28/09	4,053	3,731	3,579	3,525	3,564	3,670	3,879	4,313	4,589	4,818	5,117	5,373	5,532	5,652	5,820	5,973	5,973	5,849	5,757	5,607	5,440	5,217	4,750	4,313
05/29/09	3,898	3,719	3,637	3,535	3,473	3,538	3,912	4,259	4,537	4,751	4,982	5,316	5,417	5,621	5,766	5,815	5,875	5,792	5,544	5,388	5,250	5,026	4,599	4,303
05/30/09	3,746	3,588	3,392	3,329	3,222	3,313	3,402	3,664	4,031	4,385	4,732	4,918	5,188	5,292	5,455	5,602	5,623	5,496	5,335	5,261	5,044	4,806	4,430	4,057
05/31/09	3,355	3,197	3,055	3,002	2,932	2,926	2,970	3,176	3,456	3,763	4,006	4,238	4,442	4,594	4,717	4,881	4,892	4,875	4,771	4,757	4,659	4,360	3,969	3,533
06/01/09	3,694	3,574	3,347	3,307	3,435	3,575	3,916	4,202	4,525	4,753	5,016	5,183	5,437	5,587	5,757	5,891	5,901	5,837	5,598	5,460	5,309	5,082	4,587	4,096
06/02/09	3,547	3,317	3,210	3,181	3,242	3,395	3,667	4,020	4,236	4,425	4,652	4,848	4,990	5,115	5,267	5,406	5,421	5,284	5,174	5,062	4,914	4,670	4,217	3,785
06/03/09	3,511	3,286	3,182	3,153	3,215	3,370	3,646	3,993	4,202	4,384	4,607	4,798	4,935	5,057	5,207	5,342	5,358	5,224	5,117	5,012	4,866	4,625	4,175	3,745
06/04/09	3,484	3,261	3,158	3,133	3,196	3,354	3,634	3,977	4,184	4,355	4,572	4,758	4,894	5,015	5,162	5,291	5,303	5,175	5,074	4,974	4,832	4,593	4,144	3,716
06/05/09	3,342	3,209	3,150	3,098	3,101	3,241	3,618	3,901	4,088	4,232	4,387	4,596	4,681	4,835	4,956	5,006	5,048	4,938	4,749	4,649	4,517	4,298	3,924	3,611
06/06/09	3,152	3,030	2,908	2,870	2,833	2,930	3,048	3,254	3,512	3,724	3,901	3,989	4,118	4,170	4,255	4,353	4,383	4,334	4,288	4,287	4,149	3,950	3,655	3,345
06/07/09	3,044	2,922	2,822	2,792	2,759	2,787	2,856	3,031	3,248	3,453	3,601	3,740	3,860	3,949	4,023	4,137	4,162	4,190	4,181	4,222	4,147	3,901	3,567	3,190
06/08/09	2,860	2,790	2,685	2,690	2,815	3,053	3,456	3,671	3,794	3,871	3,971	4,014	4,115	4,190	4,268	4,335	4,344	4,337	4,295	4,296	4,188	3,992	3,604	3,215
06/09/09	3,003	2,856	2,795	2,794	2,880	3,112	3,479	3,730	3,801	3,856	3,943	4,013	4,068	4,120	4,194	4,263	4,270	4,221	4,246	4,234	4,124	3,924	3,554	3,189
06/10/09	3,166	2,991	2,914	2,900	2,975	3,174	3,503	3,788	3,915	4,022	4,163	4,281	4,370	4,453	4,559	4,655	4,669	4,581	4,544	4,500	4,381	4,163	3,760	3,369
06/11/09	3,327	3,126	3,034	3,014	3,082	3,257	3,559	3,876	4,049	4,189	4,372	4,528	4,644	4,750	4,880	4,993	5,005	4,895	4,819	4,747	4,617	4,387	3,957	3,545
06/12/09	3,343	3,210	3,151	3,098	3,101	3,241	3,619	3,901	4,089	4,233	4,388	4,597	4,682	4,836	4,957	5,007	5,050	4,940	4,750	4,650	4,518	4,299	3,925	3,612
06/13/09	3,312	3,177	3,034	2,986	2,929	3,017	3,118	3,339	3,629	3,886	4,118	4,245	4,419	4,498	4,612	4,729	4,758	4,679	4,587	4,560	4,404	4,189	3,869	3,538
06/14/09	3,282	3,137	3,010	2,964	2,906	2,908	2,955	3,147	3,404	3,675	3,888	4,091	4,269	4,404	4,513	4,661	4,678	4,671	4,592	4,591	4,503	4,226	3,859	3,449
06/15/09	3,437	3,326	3,131	3,101	3,222	3,384	3,735	4,010	4,290	4,492	4,723	4,872	5,097	5,244	5,402	5,529	5,542	5,475	5,266	5,161	5,022	4,792	4,315	3,844
06/16/09	3,784	3,526	3,407	3,374	3,431	3,568	3,815	4,205	4,457	4,677	4,943	5,173	5,333	5,467	5,635	5,790	5,801	5,650	5,525	5,379	5,209	4,957	4,486	4,038
06/17/09	3,768	3,512	3,396	3,362	3,419	3,555	3,803	4,191	4,440	4,657	4,923	5,152	5,310	5,443	5,611	5,764	5,777	5,627	5,502	5,358	5,189	4,939	4,468	4,021
06/18/09	3,852	3,585	3,465	3,432	3,489	3,621	3,862	4,264	4,525	4,745	5,023	5,263	5,426	5,561	5,733	5,888	5,894	5,744	5,620	5,465	5,289	5,039	4,561	4,110
06/19/09	3,766	3,613	3,548	3,473	3,443	3,536	3,910	4,245	4,511	4,720	4,944	5,252	5,366	5,568	5,721	5,785	5,851	5,731	5,471	5,303	5,143	4,896	4,463	4,139
06/20/09	4,027	3,874	3,664	3,602	3,475	3,573	3,657	3,923	4,299	4,668	5,039	5,226	5,518	5,611	5,776	5,926	5,939	5,801	5,632	5,553	5,317	5,093	4,718	4,351
06/21/09	3,754	3,584	3,419	3,358	3,264	3,248	3,287	3,506	3,807	4,163	4,445	4,711	4,948	5,114	5,240	5,421	5,407	5,374	5,238	5,202	5,085	4,773	4,373	3,923
06/22/09	3,880	3,757	3,506	3,461	3,596	3,724	4,059	4,351	4,701	4,941	5,223	5,399	5,670	5,817	5,993	6,129	6,136	6,079	5,823	5,667	5,510	5,287	4,783	4,280
06/23/09	4,058	3,770	3,641	3,606	3,662	3,785	4,008	4,439	4,720	4,965	5,266	5,527	5,699	5,833	6,013	6,182	6,186	6,026	5,898	5,718	5,523	5,269	4,785	4,326
06/24/09	4,418	4,065	3,903	3,842	3,875	3,954	4,114	4,578	4,865	5,110	5,426	5,698	5,849	5,947	6,114	6,270	6,308	6,179	6,100	5,932	5,752	5,546	5,097	4,678
06/25/09	4,268	3,957	3,824	3,790	3,848	3,960	4,165	4,628	4,929	5,182	5,507	5,789	5,965	6,095	6,282	6,455	6,448	6,286	6,163	5,963	5,751	5,500	5,006	4,544
06/26/09	4,698	4,515	4,457	4,325	4,197	4,180	4,545	4,924	5,225	5,442	5,703	6,128	6,185	6,405	6,554	6,569	6,667	6,605	6,307	6,137	6,011	5,791	5,360	5,117
06/27/09	4,342	4,192	3,957	3,895	3,738	3,854	3,935	4,209	4,604	4,995	5,397	5,583	5,906	5,986	6,154	6,317	6,320	6,160	5,979	5,906	5,645	5,433	5,047	4,673
06/28/09	4,045	3,869	3,684	3,622	3,509	3,494	3,535	3,771	4,088	4,479	4,785	5,070	5,325	5,494	5,616	5,811	5,772	5,737	5,588	5,553	5,421	5,095	4,683	4,209
06/29/09	4,130	4,006	3,723	3,673	3,821	3,936	4,265	4,562	4,943	5,196	5,503	5,686	5,977	6,119	6,299	6,438	6,438	6,393	6,116	5,944	5,781	5,569	5,055	4,539
06/30/09	4,022	3,738	3,610	3,575	3,631	3,756	3,982	4,408	4,685	4,928	5,224	5,482	5,652	5,787	5,965	6,133	6,137	5,978	5,851	5,675	5,483	5,229	4,746	4,289

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
07/01/09	4,127	3,863	3,747	3,714	3,765	3,874	4,073	4,468	4,724	4,948	5,226	5,467	5,622	5,743	5,907	6,060	6,064	5,918	5,802	5,636	5,457	5,227	4,787	4,371
07/02/09	4,202	3,929	3,810	3,780	3,831	3,937	4,130	4,537	4,803	5,026	5,312	5,560	5,718	5,837	6,004	6,157	6,154	6,010	5,897	5,725	5,539	5,311	4,866	4,449
07/03/09	4,246	4,113	3,924	3,892	3,770	3,752	3,804	3,989	4,352	4,764	5,046	5,452	5,686	5,767	5,973	6,157	6,160	6,052	5,816	5,745	5,490	5,272	4,982	4,659
07/04/09	4,500	4,366	4,141	4,086	3,928	4,042	4,113	4,361	4,726	5,087	5,463	5,628	5,935	6,002	6,153	6,311	6,309	6,151	5,978	5,922	5,676	5,491	5,137	4,794
07/05/09	4,440	4,280	4,092	4,041	3,915	3,908	3,943	4,179	4,481	4,872	5,171	5,450	5,703	5,858	5,964	6,165	6,099	6,068	5,915	5,901	5,775	5,460	5,070	4,599
07/06/09	4,399	4,292	4,002	3,954	4,105	4,200	4,492	4,764	5,137	5,375	5,678	5,848	6,133	6,256	6,424	6,553	6,546	6,516	6,240	6,080	5,931	5,753	5,279	4,800
07/07/09	4,495	4,194	4,067	4,035	4,089	4,182	4,347	4,797	5,085	5,334	5,645	5,917	6,079	6,190	6,364	6,532	6,522	6,362	6,251	6,054	5,848	5,620	5,171	4,751
07/08/09	4,808	4,474	4,341	4,309	4,366	4,440	4,566	5,066	5,380	5,648	5,987	6,286	6,448	6,546	6,733	6,911	6,893	6,709	6,589	6,381	6,162	5,937	5,484	5,064
07/09/09	4,943	4,593	4,455	4,425	4,485	4,547	4,654	5,177	5,507	5,780	6,130	6,441	6,604	6,697	6,892	7,072	7,047	6,850	6,724	6,516	6,295	6,073	5,617	5,197
07/10/09	5,173	5,032	5,024	4,910	4,772	4,716	5,054	5,440	5,744	5,965	6,245	6,713	6,762	7,009	7,194	7,210	7,357	7,214	6,801	6,608	6,461	6,186	5,739	5,481
07/11/09	4,923	4,797	4,533	4,478	4,269	4,409	4,461	4,698	5,076	5,452	5,855	6,015	6,366	6,424	6,571	6,776	6,761	6,543	6,333	6,320	6,061	5,897	5,527	5,167
07/12/09	4,375	4,214	4,030	3,978	3,856	3,848	3,884	4,116	4,415	4,799	5,094	5,369	5,617	5,771	5,877	6,072	6,012	5,981	5,832	5,814	5,687	5,377	4,990	4,529
07/13/09	4,294	4,184	3,909	3,862	4,005	4,104	4,398	4,669	5,030	5,264	5,555	5,724	5,999	6,124	6,290	6,417	6,414	6,379	6,116	5,955	5,806	5,622	5,151	4,677
07/14/09	4,407	4,114	3,990	3,958	4,011	4,108	4,282	4,719	4,999	5,242	5,546	5,811	5,972	6,086	6,258	6,422	6,416	6,260	6,148	5,957	5,757	5,527	5,081	4,661
07/15/09	4,519	4,215	4,089	4,057	4,111	4,202	4,363	4,818	5,106	5,355	5,671	5,946	6,107	6,216	6,392	6,560	6,551	6,390	6,277	6,079	5,872	5,644	5,195	4,774
07/16/09	4,300	4,017	3,896	3,866	3,918	4,019	4,203	4,625	4,899	5,128	5,424	5,681	5,841	5,958	6,127	6,285	6,278	6,131	6,019	5,838	5,645	5,417	4,970	4,550
07/17/09	4,329	4,186	4,140	4,055	3,992	4,037	4,389	4,735	5,018	5,235	5,477	5,836	5,930	6,139	6,287	6,338	6,426	6,327	6,051	5,856	5,692	5,455	5,027	4,744
07/18/09	3,983	3,844	3,661	3,605	3,498	3,583	3,659	3,897	4,231	4,557	4,882	5,050	5,305	5,392	5,540	5,672	5,687	5,567	5,418	5,348	5,142	4,937	4,601	4,271
07/19/09	4,064	3,905	3,739	3,682	3,581	3,568	3,605	3,818	4,103	4,455	4,731	4,988	5,218	5,371	5,482	5,657	5,624	5,592	5,458	5,426	5,307	5,013	4,640	4,213
07/20/09	4,224	4,112	3,848	3,801	3,940	4,041	4,337	4,607	4,960	5,191	5,475	5,642	5,912	6,038	6,203	6,329	6,328	6,290	6,033	5,875	5,726	5,538	5,070	4,599
07/21/09	4,339	4,053	3,930	3,898	3,950	4,051	4,231	4,658	4,933	5,172	5,469	5,728	5,888	6,005	6,175	6,337	6,333	6,180	6,067	5,881	5,686	5,456	5,010	4,591
07/22/09	3,848	3,615	3,509	3,478	3,529	3,652	3,875	4,229	4,456	4,654	4,897	5,106	5,251	5,371	5,524	5,664	5,675	5,538	5,424	5,292	5,137	4,911	4,483	4,078
07/23/09	4,052	3,795	3,681	3,651	3,702	3,814	4,020	4,405	4,657	4,869	5,138	5,372	5,526	5,648	5,809	5,957	5,958	5,818	5,704	5,547	5,374	5,146	4,707	4,293
07/24/09	3,758	3,622	3,562	3,498	3,475	3,567	3,904	4,200	4,430	4,611	4,804	5,069	5,170	5,347	5,482	5,539	5,595	5,485	5,258	5,116	4,975	4,755	4,371	4,078
07/25/09	3,602	3,471	3,321	3,270	3,199	3,275	3,357	3,571	3,863	4,136	4,394	4,537	4,735	4,822	4,948	5,066	5,091	4,997	4,880	4,833	4,670	4,465	4,155	3,841
07/26/09	3,687	3,538	3,398	3,345	3,269	3,257	3,292	3,483	3,746	4,048	4,289	4,517	4,720	4,866	4,980	5,136	5,134	5,108	4,994	4,967	4,869	4,594	4,239	3,842
07/27/09	3,973	3,861	3,629	3,587	3,711	3,825	4,128	4,393	4,714	4,934	5,194	5,354	5,602	5,735	5,895	6,019	6,024	5,974	5,740	5,595	5,451	5,251	4,793	4,335
07/28/09	3,991	3,742	3,629	3,598	3,648	3,765	3,976	4,351	4,595	4,808	5,068	5,293	5,445	5,568	5,726	5,875	5,881	5,739	5,624	5,473	5,306	5,076	4,642	4,230
07/29/09	4,310	4,027	3,907	3,874	3,926	4,027	4,209	4,632	4,903	5,140	5,436	5,694	5,853	5,969	6,139	6,299	6,297	6,146	6,032	5,849	5,654	5,425	4,980	4,560
07/30/09	4,528	4,221	4,095	4,065	4,119	4,210	4,371	4,828	5,120	5,363	5,679	5,956	6,117	6,227	6,403	6,568	6,554	6,396	6,286	6,089	5,881	5,655	5,204	4,783
07/31/09	4,418	4,274	4,232	4,144	4,075	4,112	4,466	4,818	5,105	5,323	5,569	5,940	6,031	6,243	6,393	6,441	6,534	6,435	6,151	5,952	5,787	5,548	5,116	4,837
08/01/09	4,205	4,057	3,850	3,791	3,663	3,760	3,842	4,100	4,467	4,827	5,191	5,371	5,658	5,746	5,906	6,052	6,063	5,927	5,762	5,686	5,454	5,239	4,875	4,520
08/02/09	4,420	4,248	4,056	3,999	3,873	3,863	3,903	4,146	4,462	4,865	5,176	5,465	5,725	5,888	6,002	6,205	6,146	6,113	5,959	5,935	5,801	5,474	5,065	4,582
08/03/09	4,451	4,335	4,035	3,984	4,141	4,243	4,556	4,845	5,236	5,488	5,804	5,984	6,283	6,415	6,593	6,729	6,723	6,689	6,402	6,231	6,072	5,879	5,376	4,868
08/04/09	4,307	4,017	3,890	3,855	3,910	4,023	4,227	4,662	4,944	5,189	5,493	5,757	5,926	6,053	6,230	6,398	6,398	6,240	6,118	5,932	5,733	5,488	5,017	4,572
08/05/09	4,623	4,300	4,166	4,131	4,189	4,287	4,460	4,942	5,249	5,513	5,849	6,141	6,312	6,429	6,616	6,794	6,785	6,614	6,494	6,284	6,063	5,821	5,342	4,894
08/06/09	4,665	4,336	4,201	4,169	4,227	4,323	4,492	4,982	5,295	5,555	5,894	6,190	6,362	6,478	6,667	6,843	6,828	6,658	6,541	6,330	6,107	5,866	5,385	4,937
08/07/09	4,603	4,450	4,408	4,312	4,233	4,265	4,643	5,022	5,330	5,564	5,830	6,236	6,328	6,557	6,718	6,766	6,871	6,765	6,454	6,240	6,064	5,807	5,344	5,049
08/08/09	4,536	4,393	4,159	4,101	3,940	4,057	4,135	4,399	4,784	5,165	5,560	5,737	6,057	6,130	6,292	6,455	6,455	6,294	6,115	6,049	5,792	5,591	5,216	4,853
08/09/09	4,397	4,225	4,034	3,976	3,852	3,842	3,882	4,124	4,439	4,840	5,149	5,436	5,695	5,859	5,972	6,174	6,117	6,083	5,931	5,905	5,771	5,446	5,038	4,558
08/10/09	5,068	4,978	4,507	4,439	4,648	4,709	4,959	5,233	5,675	5,935	6,336	6,514	6,890	7,018	7,211	7,357	7,356	7,345	6,938	6,927	6,874	6,800	6,324	5,835
08/11/09	5,170	4,754	4,573	4,507	4,540	4,566	4,627	5,172	5,505	5,782	6,132	6,442	6,585	6,649	6,833	7,003	7,032	6,855	6,761	6,595	6,416	6,233	5,805	5,414
08/12/09	4,610	4,289	4,155	4,121	4,178	4,276	4,451	4,931	5,237	5,501	5,835	6,126	6,297	6,414	6,601	6,779	6,770	6,600	6,480	6,270	6,050	5,808	5,330	4,882
08/13/09	4,887	4,536	4,395	4,363	4,424	4,506	4,649	5,173	5,505	5,780	6,138	6,452	6,625	6,732	6,929	7,113	7,091	6,904	6,782	6,562	6,330	6,092	5,608	5,160
08/14/09	4,620	4,468	4,427	4,330	4,249	4,280	4,658	5,038	5,347	5,580	5,848	6,255	6,347	6,576	6,738	6,786	6,891	6,785	6,472	6,258	6,082	5,824	5,361	5,066
08/15/09	4,485	4,340	4,111	4,052	3,897	4,010	4,089	4,353	4,736	5,114	5,505	5,683	5,998	6,074	6,235	6,395	6,397	6,240	6,064	5,995	5,741	5,538	5,165	4,803
08/16/09	4,498	4,327	4,130	4,075	3,943	3,936	3,974	4,222	4,541	4,953	5,268	5,562	5,827	5,991	6,104	6,314	6,248	6,215	6,056	6,037	5,903	5,571	5,158	4,664
08/17/09	4,435	4,319	4,021	3,970	4,126	4,229	4,542	4,831	5,221	5,471	5,786	5,966	6,263	6,395	6,573	6,709	6,704	6,669	6,384	6,213	6,054	5,860	5,357	4,850
08/18/09	4,368	4,071	3,942	3,908	3,963	4,073	4,272	4,716	5,003	5,252	5,562	5,831	6,001	6,127	6,306	6,476	6,474	6,314	6,193	6,001	5,798	5,553	5,080	4,634
08/19/09	4,580	4,261	4,129	4,094	4,151	4,251	4,428	4,904	5,207	5,469	5,801	6,089	6,260	6,379	6,565	6,741	6,733	6,565	6,445	6,237	6,019	5,776	5,298	4,851
08/20/09	4,515	4,202	4,070	4,038	4,094	4,197	4,382	4,849	5,150	5,401	5,727	6,011	6,182	6,304	6,487	6,659	6,648	6,486	6,369	6,167	5,953	5,711	5,232	4,785
08/21/09	4,432	4,280	4,231	4,140	4,073	4,122	4,496	4,865	5,166	5,397	5,655	6,037	6,138	6,360	6,518	6,573	6,666	6,561	6,266	6,059	5,884	5,632	5,176	4,875
08/22/09	3,835	3,689	3,513	3,455	3,362	3,444	3,528	3,768	4,102	4,422	4,733	4,902	5,143	5,240	5,388	5,522	5,543	5,430	5,285	5,220	5,026	4,805	4,460	4,115
08/23/09	4,208	4,037	3,857	3,797	3,685	3,672	3,712	3,942	4,249	4,630	4,928	5,205	5,453	5,616	5,733	5,923	5,882	5,849	5,704	5,670	5,541	5,225	4,827	4,366
08/24/09	4,453	4,338	4,037	3,986	4,143	4,246	4,558	4,847	5,239	5,490	5,807	5,987	6,286	6,418	6,596	6,732	6,726	6,692	6,405	6,234	6,075	5,882	5,379	4,871
08/25/09	4,268	3,981	3,855	3,821	3,875	3,990	4,198	4,626	4,905	5,148	5,447	5,707	5,875	6,003	6,179	6,346	6,347	6,190	6,068	5,885	5,690	5,445	4,975	4,530
08/26/09	4,221	3,939	3,816	3,781	3,835	3,951	4,162	4,584	4,857	5,096	5,393	5,649	5,815	5,943	6,118	6,282	6,286	6,130	6,007	5,829	5,638	5,393	4,924	4,481
08/27/09	4,179	3,900	3,777	3,745	3,800	3,917	4,133	4,549	4,822	5,051	5,343	5,595	5,761	5,890	6,064	6,223	6,223	6,073	5,952	5,780	5,592	5,349	4,879	4,437
08/28/09	3,891	3,745	3,682	3,610	3,581	3,672	4,033	4,355	4,610	4,811	5,025	5,321	5,431	5,625	5,771	5,834	5,897	5,781	5,531	5,370	5,216	4,978	4,561	4,249
08/29/09	3,609	3,471	3,316	3,264	3,193	3,274	3,363	3,588	3,892	4,173	4,437	4,583	4,785	4,875	5,003	5,127	5,153	5,059	4,941	4,897	4,729	4,512	4,186	3,855
08/30/09	3,895	3,731	3,571	3,512	3,421	3,406	3,443	3,655	3,946	4,289	4,562	4,819	5,048	5,208	5,330	5,505	5,491	5,459	5,327	5,293	5,179	4,878	4,493	4,058
08/31/09	4,044	3,924	3,679	3,634	3,766	3,888	4,210	4,492	4,834	5,067	5,343	5,514	5,778	5,919	6,090	6,222	6,227	6,174	5,924	5,771	5,618	5,405	4,917	4,430

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
09/01/09	3,572	3,318	3,201	3,168	3,226	3,365	3,618	4,002	4,248	4,464	4,723	4,948	5,106	5,239	5,405	5,558	5,570	5,421	5,297	5,156	4,991	4,740	4,270	3,824
09/02/09	3,741	3,469	3,346	3,311	3,367	3,496	3,732	4,142	4,407	4,640	4,926	5,172	5,338	5,473	5,648	5,809	5,818	5,663	5,534	5,371	5,189	4,936	4,456	4,002
09/03/09	3,988	3,688	3,557	3,524	3,581	3,698	3,913	4,361	4,653	4,899	5,213	5,486	5,660	5,793	5,977	6,146	6,143	5,984	5,859	5,670	5,466	5,214	4,722	4,261
09/04/09	3,612	3,459	3,394	3,318	3,286	3,379	3,754	4,091	4,360	4,571	4,796	5,108	5,222	5,426	5,579	5,644	5,711	5,591	5,328	5,159	4,997	4,749	4,313	3,989
09/05/09	3,728	3,575	3,375	3,313	3,198	3,290	3,375	3,636	4,003	4,360	4,715	4,899	5,177	5,275	5,437	5,583	5,600	5,469	5,306	5,229	5,006	4,778	4,408	4,043
09/06/09	4,174	3,996	3,794	3,735	3,602	3,593	3,633	3,888	4,218	4,641	4,966	5,268	5,541	5,711	5,829	6,043	5,978	5,944	5,781	5,759	5,619	5,277	4,851	4,344
09/07/09	3,675	3,516	3,330	3,285	3,181	3,168	3,219	3,419	3,794	4,220	4,514	4,873	5,099	5,206	5,416	5,609	5,658	5,576	5,351	5,300	5,085	4,822	4,449	4,066
09/08/09	4,105	3,794	3,660	3,624	3,682	3,795	4,000	4,464	4,764	5,025	5,349	5,631	5,807	5,937	6,124	6,302	6,298	6,132	6,006	5,805	5,592	5,338	4,846	4,382
09/09/09	4,261	3,935	3,798	3,762	3,820	3,926	4,115	4,603	4,914	5,184	5,525	5,821	5,999	6,123	6,315	6,497	6,490	6,317	6,192	5,979	5,755	5,503	5,007	4,542
09/10/09	4,452	4,099	3,952	3,914	3,970	4,060	4,223	4,737	5,063	5,333	5,685	5,993	6,167	6,280	6,473	6,653	6,644	6,473	6,359	6,145	5,920	5,680	5,188	4,732
09/11/09	3,990	3,832	3,775	3,686	3,629	3,692	4,077	4,448	4,752	4,988	5,246	5,621	5,731	5,956	6,118	6,178	6,266	6,154	5,861	5,655	5,477	5,219	4,753	4,435
09/12/09	3,871	3,718	3,506	3,444	3,316	3,415	3,499	3,766	4,144	4,515	4,888	5,075	5,369	5,462	5,628	5,778	5,791	5,652	5,482	5,403	5,166	4,941	4,565	4,197
09/13/09	3,669	3,496	3,324	3,262	3,163	3,147	3,186	3,411	3,717	4,085	4,375	4,648	4,891	5,059	5,185	5,370	5,349	5,315	5,174	5,137	5,015	4,698	4,294	3,836
09/14/09	3,868	3,744	3,473	3,424	3,567	3,687	4,019	4,314	4,685	4,934	5,233	5,414	5,698	5,842	6,022	6,160	6,163	6,113	5,844	5,676	5,514	5,298	4,785	4,273
09/15/09	4,003	3,703	3,571	3,535	3,592	3,710	3,924	4,373	4,664	4,918	5,232	5,504	5,679	5,812	5,995	6,169	6,170	6,006	5,879	5,687	5,483	5,228	4,739	4,277
09/16/09	4,096	3,786	3,653	3,617	3,674	3,787	3,991	4,455	4,753	5,013	5,338	5,620	5,796	5,925	6,112	6,288	6,287	6,120	5,994	5,794	5,581	5,328	4,835	4,372
09/17/09	3,937	3,642	3,513	3,480	3,536	3,656	3,876	4,316	4,604	4,845	5,155	5,422	5,595	5,729	5,911	6,079	6,077	5,920	5,794	5,610	5,411	5,158	4,668	4,208
09/18/09	3,811	3,654	3,592	3,509	3,464	3,541	3,921	4,277	4,567	4,794	5,039	5,386	5,500	5,717	5,875	5,939	6,017	5,901	5,622	5,430	5,259	5,004	4,551	4,229
09/19/09	3,727	3,573	3,373	3,311	3,197	3,288	3,374	3,634	4,001	4,358	4,712	4,897	5,174	5,272	5,435	5,580	5,597	5,467	5,304	5,227	5,004	4,776	4,406	4,041
09/20/09	3,703	3,529	3,355	3,293	3,191	3,175	3,215	3,441	3,750	4,121	4,415	4,690	4,935	5,104	5,229	5,416	5,392	5,358	5,215	5,178	5,054	4,736	4,330	3,869
09/21/09	3,387	3,271	3,060	3,025	3,150	3,301	3,648	3,929	4,231	4,447	4,694	4,853	5,093	5,242	5,407	5,538	5,550	5,483	5,259	5,137	4,992	4,762	4,275	3,793
09/22/09	3,653	3,391	3,270	3,236	3,293	3,428	3,672	4,069	4,325	4,550	4,822	5,057	5,220	5,354	5,524	5,682	5,693	5,540	5,414	5,261	5,088	4,835	4,361	3,910
09/23/09	3,337	3,113	3,009	2,980	3,042	3,198	3,475	3,822	4,030	4,212	4,434	4,624	4,762	4,883	5,033	5,168	5,184	5,050	4,944	4,839	4,694	4,452	4,001	3,571
09/24/09	3,234	3,022	2,924	2,901	2,966	3,133	3,425	3,755	3,946	4,102	4,303	4,475	4,601	4,715	4,854	4,976	4,988	4,868	4,779	4,693	4,557	4,322	3,880	3,460
09/25/09	3,645	3,491	3,426	3,349	3,315	3,405	3,781	4,122	4,394	4,608	4,837	5,155	5,270	5,477	5,631	5,696	5,765	5,645	5,379	5,206	5,042	4,793	4,354	4,030
09/26/09	3,221	3,081	2,928	2,876	2,811	2,896	2,992	3,219	3,524	3,800	4,055	4,196	4,390	4,477	4,602	4,726	4,754	4,665	4,555	4,518	4,352	4,131	3,801	3,462
09/27/09	2,927	2,799	2,693	2,658	2,619	2,639	2,702	2,881	3,110	3,332	3,498	3,654	3,790	3,892	3,977	4,101	4,125	4,143	4,114	4,144	4,067	3,811	3,467	3,081
09/28/09	3,332	3,218	3,014	2,981	3,105	3,260	3,610	3,888	4,180	4,391	4,631	4,786	5,019	5,168	5,330	5,459	5,472	5,405	5,187	5,072	4,930	4,700	4,217	3,739
09/29/09	3,124	2,929	2,838	2,818	2,887	3,069	3,377	3,686	3,849	3,990	4,163	4,311	4,422	4,525	4,650	4,764	4,779	4,669	4,599	4,530	4,403	4,173	3,749	3,340
09/30/09	2,936	2,771	2,700	2,689	2,768	2,979	3,321	3,595	3,702	3,791	3,915	4,016	4,094	4,167	4,262	4,348	4,361	4,286	4,269	4,237	4,121	3,909	3,516	3,133
10/01/09	2,853	2,692	2,623	2,617	2,695	2,904	3,243	3,509	3,612	3,689	3,805	3,901	3,975	4,044	4,135	4,215	4,222	4,155	4,146	4,118	4,005	3,801	3,417	3,045
10/02/09	2,848	2,740	2,697	2,666	2,695	2,877	3,270	3,508	3,620	3,693	3,782	3,907	3,948	4,048	4,126	4,153	4,179	4,104	4,004	3,957	3,846	3,664	3,348	3,063
10/03/09	2,750	2,650	2,557	2,534	2,519	2,634	2,774	2,963	3,174	3,327	3,433	3,465	3,531	3,540	3,586	3,653	3,680	3,675	3,697	3,727	3,609	3,438	3,182	2,907
10/04/09	2,768	2,653	2,561	2,534	2,506	2,540	2,612	2,782	2,986	3,175	3,307	3,429	3,535	3,611	3,675	3,780	3,805	3,841	3,847	3,896	3,824	3,589	3,268	2,906
10/05/09	2,834	2,745	2,605	2,594	2,712	2,911	3,280	3,521	3,714	3,852	4,013	4,111	4,270	4,387	4,506	4,604	4,618	4,571	4,443	4,400	4,282	4,068	3,644	3,223
10/06/09	3,053	2,861	2,772	2,753	2,820	2,997	3,298	3,601	3,762	3,900	4,070	4,215	4,325	4,425	4,548	4,660	4,675	4,567	4,497	4,430	4,306	4,080	3,665	3,265
10/07/09	3,259	3,040	2,938	2,910	2,970	3,123	3,394	3,734	3,938	4,116	4,333	4,519	4,654	4,773	4,919	5,051	5,067	4,936	4,832	4,729	4,587	4,350	3,909	3,488
10/08/09	3,243	3,024	2,923	2,898	2,959	3,113	3,387	3,725	3,929	4,098	4,312	4,496	4,630	4,748	4,893	5,021	5,032	4,906	4,807	4,708	4,567	4,333	3,891	3,471
10/09/09	3,301	3,159	3,096	3,032	3,018	3,130	3,494	3,799	4,026	4,205	4,395	4,652	4,755	4,933	5,071	5,130	5,184	5,066	4,838	4,704	4,561	4,329	3,930	3,615
10/10/09	3,164	3,026	2,874	2,823	2,757	2,839	2,933	3,157	3,458	3,733	3,987	4,129	4,323	4,410	4,535	4,657	4,685	4,594	4,484	4,445	4,280	4,063	3,737	3,404
10/11/09	3,145	2,995	2,861	2,811	2,745	2,739	2,782	2,976	3,241	3,530	3,759	3,978	4,171	4,315	4,431	4,586	4,597	4,581	4,483	4,470	4,377	4,095	3,725	3,313
10/12/09	3,354	3,241	3,032	2,998	3,123	3,270	3,610	3,889	4,194	4,412	4,662	4,823	5,064	5,213	5,379	5,511	5,524	5,455	5,225	5,096	4,947	4,717	4,233	3,753
10/13/09	3,253	3,034	2,931	2,904	2,964	3,119	3,391	3,730	3,934	4,111	4,325	4,509	4,644	4,764	4,909	5,041	5,056	4,925	4,823	4,721	4,580	4,342	3,903	3,482
10/14/09	3,143	2,939	2,845	2,821	2,885	3,049	3,336	3,656	3,836	3,993	4,187	4,352	4,473	4,583	4,717	4,838	4,855	4,735	4,647	4,564	4,432	4,201	3,773	3,363
10/15/09	3,000	2,816	2,732	2,717	2,787	2,970	3,280	3,575	3,724	3,842	4,001	4,135	4,236	4,330	4,446	4,547	4,558	4,462	4,407	4,351	4,229	4,011	3,601	3,207
10/16/09	2,901	2,788	2,740	2,705	2,727	2,899	3,285	3,532	3,660	3,750	3,854	3,998	4,049	4,162	4,251	4,283	4,313	4,228	4,106	4,048	3,933	3,743	3,415	3,124
10/17/09	2,737	2,639	2,548	2,526	2,514	2,630	2,773	2,961	3,169	3,316	3,416	3,443	3,504	3,509	3,550	3,615	3,642	3,641	3,669	3,702	3,585	3,417	3,164	2,891
10/18/09	2,658	2,559	2,483	2,468	2,455	2,510	2,603	2,763	2,940	3,084	3,171	3,244	3,307	3,345	3,378	3,456	3,480	3,544	3,608	3,687	3,619	3,406	3,111	2,771
10/19/09	2,680	2,605	2,491	2,492	2,612	2,836	3,222	3,443	3,585	3,681	3,798	3,858	3,976	4,064	4,155	4,231	4,242	4,220	4,152	4,140	4,031	3,832	3,437	3,043
10/20/09	2,886	2,721	2,648	2,637	2,713	2,916	3,248	3,519	3,632	3,727	3,851	3,955	4,036	4,112	4,209	4,297	4,309	4,231	4,208	4,172	4,058	3,847	3,460	3,082
10/21/09	2,787	2,640	2,579	2,575	2,658	2,879	3,232	3,484	3,561	3,622	3,717	3,794	3,852	3,908	3,985	4,056	4,065	4,012	4,026	4,010	3,900	3,702	3,333	2,972
10/22/09	2,728	2,590	2,536	2,540	2,628	2,863	3,232	3,472	3,528	3,561	3,635	3,693	3,737	3,779	3,843	3,900	3,901	3,869	3,913	3,910	3,802	3,613	3,257	2,906
10/23/09	2,676	2,591	2,563	2,551	2,602	2,827	3,248	3,456	3,505	3,518	3,550	3,609	3,607	3,661	3,697	3,702	3,716	3,682	3,668	3,660	3,561	3,411	3,139	2,875
10/24/09	2,542	2,477	2,426	2,430	2,453	2,606	2,797	2,970	3,115	3,174	3,168	3,100	3,064	2,986	2,962	2,971	2,991	3,071	3,222	3,300	3,198	3,076	2,878	2,658
10/25/09	2,501	2,432	2,387	2,394	2,410	2,513	2,651	2,797	2,916	2,977	2,971	2,941	2,915	2,869	2,829	2,849	2,866	2,991	3,181	3,321	3,253	3,086	2,844	2,554
10/26/09	2,470	2,423	2,359	2,379	2,511	2,784	3,210	3,383	3,423	3,419	3,440	3,412	3,436	3,444	3,462	3,481	3,484	3,539	3,615	3,657	3,559	3,399	3,074	2,739
10/27/09	2,574	2,468	2,437	2,455	2,558	2,837	3,254	3,455	3,436	3,409	3,418	3,417	3,415	3,414	3,433	3,459	3,453	3,474	3,606	3,635	3,528	3,362	3,050	2,734
10/28/09	2,594	2,485	2,452	2,466	2,566	2,839	3,247	3,454	3,445	3,427	3,448	3,456	3,459	3,464	3,491	3,521	3,518	3,530	3,648	3,672	3,565	3,397	3,078	2,756
10/29/09	2,588	2,531	2,477	2,502	2,598	2,932	3,365	3,563	3,519	3,416	3,356	3,301	3,228	3,211	3,156	3,139	3,150	3,289	3,510	3,531	3,473	3,341	3,071	2,776
10/30/09	2,736	2,681	2,666	2,698	2,854	3,143	3,672	3,904	3,804	3,662	3,558	3,405	3,335	3,293	3,194	3,166	3,195	3,272	3,517	3,549	3,457	3,405	3,216	2,968
10/31/09	2,571	2,469	2,438	2,435	2,470	2,586	2,771	2,962	3,114	3,199	3,196	3,137	3,085	3,006	2,947	2,915	2,948	3,093	3,290	3,267	3,188	3,066	2,894	2,684

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
11/01/09	2,456	2,409	2,383	2,404	2,435	2,564	2,726	2,857	2,934	2,941	2,879	2,784	2,703	2,605	2,518	2,500	2,508	2,666	2,927	3,098	3,030	2,901	2,706	2,462
11/02/09	2,448	2,412	2,368	2,394	2,523	2,798	3,216	3,362	3,365	3,324	3,308	3,248	3,235	3,210	3,198	3,194	3,193	3,278	3,407	3,461	3,370	3,236	2,953	2,658
11/03/09	2,535	2,448	2,429	2,453	2,557	2,842	3,257	3,432	3,383	3,327	3,309	3,283	3,260	3,239	3,238	3,247	3,236	3,282	3,449	3,489	3,386	3,241	2,964	2,679
11/04/09	2,551	2,461	2,440	2,461	2,563	2,841	3,250	3,430	3,388	3,340	3,332	3,313	3,295	3,280	3,284	3,297	3,288	3,328	3,482	3,518	3,415	3,268	2,985	2,696
11/05/09	2,592	2,492	2,463	2,481	2,579	2,843	3,238	3,429	3,413	3,380	3,391	3,391	3,388	3,387	3,406	3,426	3,417	3,441	3,568	3,597	3,495	3,341	3,043	2,743
11/06/09	2,591	2,524	2,510	2,511	2,574	2,817	3,238	3,417	3,421	3,393	3,386	3,399	3,367	3,385	3,390	3,378	3,384	3,383	3,433	3,449	3,360	3,242	3,012	2,779
11/07/09	2,512	2,461	2,426	2,437	2,469	2,627	2,824	2,984	3,104	3,133	3,096	3,001	2,937	2,837	2,794	2,783	2,800	2,902	3,084	3,171	3,078	2,977	2,806	2,614
11/08/09	2,489	2,432	2,398	2,411	2,434	2,547	2,693	2,827	2,922	2,955	2,922	2,862	2,810	2,740	2,679	2,680	2,692	2,830	3,049	3,200	3,134	2,990	2,777	2,517
11/09/09	2,530	2,479	2,408	2,424	2,545	2,793	3,188	3,362	3,422	3,441	3,482	3,476	3,520	3,547	3,580	3,612	3,617	3,650	3,689	3,718	3,623	3,463	3,139	2,809
11/10/09	2,730	2,602	2,551	2,554	2,637	2,864	3,215	3,439	3,486	3,521	3,586	3,636	3,676	3,714	3,772	3,827	3,831	3,800	3,844	3,842	3,740	3,561	3,228	2,898
11/11/09	2,624	2,517	2,484	2,496	2,590	2,845	3,228	3,426	3,424	3,412	3,436	3,449	3,456	3,464	3,493	3,524	3,522	3,529	3,633	3,654	3,552	3,390	3,085	2,778
11/12/09	2,714	2,588	2,540	2,546	2,631	2,861	3,217	3,438	3,480	3,502	3,562	3,609	3,643	3,677	3,731	3,780	3,780	3,757	3,812	3,814	3,712	3,538	3,206	2,879
11/13/09	2,680	2,600	2,575	2,565	2,614	2,830	3,231	3,426	3,468	3,477	3,504	3,556	3,551	3,598	3,630	3,633	3,645	3,616	3,609	3,604	3,510	3,371	3,115	2,868
11/14/09	2,541	2,440	2,406	2,398	2,426	2,522	2,688	2,860	3,027	3,130	3,141	3,093	3,051	2,982	2,925	2,896	2,926	3,075	3,250	3,191	3,111	2,991	2,830	2,641
11/15/09	2,720	2,690	2,661	2,690	2,741	2,898	3,115	3,320	3,411	3,354	3,245	3,109	3,004	2,932	2,847	2,799	2,860	3,046	3,367	3,374	3,334	3,180	2,964	2,727
11/16/09	2,455	2,417	2,370	2,395	2,524	2,796	3,212	3,361	3,369	3,334	3,324	3,270	3,263	3,243	3,236	3,236	3,235	3,314	3,434	3,486	3,395	3,258	2,971	2,672
11/17/09	2,522	2,438	2,422	2,448	2,553	2,842	3,263	3,434	3,377	3,314	3,290	3,258	3,230	3,205	3,199	3,204	3,192	3,244	3,422	3,464	3,361	3,218	2,946	2,665
11/18/09	2,535	2,449	2,431	2,454	2,558	2,842	3,256	3,432	3,381	3,325	3,309	3,284	3,260	3,238	3,237	3,245	3,236	3,282	3,449	3,489	3,385	3,241	2,963	2,679
11/19/09	2,535	2,447	2,429	2,454	2,559	2,843	3,259	3,435	3,386	3,323	3,307	3,282	3,258	3,237	3,236	3,241	3,227	3,277	3,447	3,488	3,385	3,242	2,963	2,678
11/20/09	2,869	2,820	2,803	2,854	2,954	3,259	3,730	3,911	3,842	3,627	3,478	3,353	3,233	3,161	3,104	3,098	3,104	3,233	3,462	3,466	3,442	3,408	3,257	2,995
11/21/09	2,740	2,674	2,639	2,683	2,745	2,960	3,310	3,525	3,561	3,495	3,403	3,277	3,231	3,142	3,060	3,060	3,103	3,345	3,574	3,531	3,420	3,347	3,162	2,901
11/22/09	2,649	2,579	2,548	2,568	2,605	2,724	2,882	3,065	3,154	3,163	3,135	3,071	3,008	2,923	2,866	2,827	2,885	3,062	3,272	3,336	3,274	3,176	2,961	2,732
11/23/09	2,571	2,515	2,512	2,550	2,658	2,961	3,482	3,674	3,619	3,500	3,457	3,366	3,313	3,292	3,257	3,240	3,255	3,366	3,526	3,562	3,483	3,349	3,067	2,778
11/24/09	2,706	2,652	2,622	2,672	2,762	3,074	3,536	3,753	3,692	3,565	3,469	3,397	3,322	3,284	3,262	3,218	3,241	3,357	3,560	3,603	3,537	3,389	3,142	2,857
11/25/09	2,880	2,858	2,831	2,889	3,019	3,418	3,895	4,137	4,031	3,839	3,697	3,580	3,453	3,404	3,316	3,290	3,306	3,506	3,773	3,769	3,721	3,598	3,332	3,032
11/26/09	2,937	2,881	2,860	2,906	2,964	3,114	3,316	3,564	3,656	3,611	3,513	3,368	3,244	3,106	3,023	2,967	3,042	3,280	3,567	3,626	3,574	3,473	3,246	2,996
11/27/09	2,976	2,924	2,903	2,952	3,011	3,160	3,366	3,621	3,716	3,677	3,572	3,419	3,291	3,149	3,066	3,011	3,093	3,336	3,625	3,681	3,630	3,536	3,313	3,057
11/28/09	3,089	3,004	3,013	3,050	3,128	3,284	3,549	3,835	3,942	3,878	3,726	3,528	3,384	3,240	3,136	3,079	3,117	3,365	3,672	3,621	3,556	3,468	3,322	3,129
11/29/09	2,903	2,846	2,826	2,868	2,923	3,067	3,263	3,502	3,589	3,553	3,463	3,327	3,212	3,083	3,003	2,952	3,027	3,252	3,528	3,586	3,532	3,429	3,205	2,959
11/30/09	2,699	2,639	2,650	2,681	2,832	3,158	3,649	3,886	3,795	3,676	3,560	3,421	3,336	3,303	3,215	3,221	3,223	3,391	3,673	3,682	3,651	3,514	3,222	2,936
12/01/09	2,987	2,945	2,898	2,946	3,073	3,494	4,003	4,251	4,145	3,949	3,803	3,686	3,558	3,514	3,427	3,407	3,430	3,650	3,946	3,951	3,905	3,774	3,489	3,167
12/02/09	3,054	3,016	2,973	3,024	3,155	3,587	4,103	4,360	4,244	4,028	3,866	3,736	3,595	3,543	3,449	3,427	3,453	3,694	4,008	4,008	3,964	3,837	3,550	3,225
12/03/09	3,024	2,983	2,938	2,990	3,120	3,547	4,060	4,315	4,205	3,991	3,837	3,714	3,579	3,531	3,440	3,416	3,436	3,671	3,980	3,983	3,938	3,811	3,523	3,199
12/04/09	3,139	3,098	3,090	3,149	3,335	3,654	4,248	4,563	4,426	4,208	4,023	3,790	3,655	3,572	3,431	3,387	3,447	3,622	3,952	3,938	3,839	3,797	3,607	3,348
12/05/09	3,211	3,119	3,126	3,165	3,249	3,422	3,714	4,025	4,137	4,067	3,902	3,690	3,537	3,382	3,272	3,212	3,252	3,509	3,845	3,801	3,730	3,631	3,471	3,256
12/06/09	3,158	3,101	3,079	3,135	3,202	3,368	3,596	3,878	3,979	3,934	3,823	3,657	3,519	3,364	3,270	3,208	3,299	3,568	3,887	3,948	3,889	3,770	3,511	3,226
12/07/09	3,242	3,171	3,195	3,272	3,464	3,855	4,456	4,669	4,506	4,407	4,314	4,156	4,080	4,036	3,936	3,968	4,039	4,388	4,711	4,631	4,586	4,402	4,001	3,666
12/08/09	3,527	3,478	3,379	3,408	3,515	3,989	4,555	4,779	4,628	4,352	4,150	3,958	3,770	3,727	3,611	3,599	3,671	4,063	4,470	4,445	4,441	4,370	4,071	3,745
12/09/09	3,332	3,272	3,191	3,221	3,325	3,765	4,276	4,518	4,386	4,122	3,913	3,743	3,566	3,510	3,404	3,392	3,455	3,806	4,209	4,204	4,189	4,097	3,820	3,501
12/10/09	3,039	2,999	2,954	3,008	3,138	3,568	4,083	4,339	4,228	4,009	3,851	3,725	3,587	3,537	3,445	3,420	3,441	3,681	3,993	3,996	3,951	3,825	3,536	3,212
12/11/09	3,167	3,127	3,119	3,180	3,368	3,688	4,283	4,603	4,465	4,242	4,051	3,812	3,671	3,585	3,440	3,396	3,459	3,644	3,979	3,960	3,860	3,820	3,630	3,370
12/12/09	3,123	3,031	3,034	3,068	3,145	3,317	3,601	3,897	4,001	3,942	3,796	3,604	3,465	3,322	3,221	3,165	3,205	3,430	3,751	3,733	3,662	3,560	3,398	3,179
12/13/09	3,060	2,998	2,975	3,022	3,083	3,243	3,460	3,725	3,821	3,782	3,681	3,530	3,401	3,258	3,169	3,113	3,196	3,445	3,751	3,816	3,756	3,642	3,394	3,121
12/14/09	2,945	2,877	2,901	2,940	3,120	3,490	4,056	4,349	4,239	4,074	3,913	3,725	3,606	3,555	3,441	3,453	3,464	3,680	4,021	4,013	3,986	3,834	3,515	3,196
12/15/09	2,974	2,932	2,884	2,931	3,057	3,475	3,983	4,229	4,125	3,932	3,791	3,676	3,551	3,508	3,423	3,404	3,425	3,641	3,934	3,939	3,893	3,762	3,477	3,156
12/16/09	2,961	2,918	2,872	2,916	3,042	3,456	3,961	4,206	4,103	3,914	3,779	3,668	3,545	3,502	3,419	3,399	3,421	3,634	3,922	3,928	3,881	3,750	3,464	3,144
12/17/09	2,903	2,855	2,806	2,848	2,969	3,371	3,868	4,105	4,015	3,838	3,721	3,623	3,512	3,477	3,400	3,378	3,393	3,592	3,867	3,878	3,828	3,697	3,410	3,092
12/18/09	2,853	2,793	2,776	2,807	2,966	3,265	3,809	4,044	3,945	3,808	3,708	3,558	3,491	3,452	3,353	3,325	3,354	3,425	3,671	3,708	3,612	3,555	3,356	3,096
12/19/09	2,825	2,725	2,705	2,715	2,762	2,908	3,128	3,354	3,477	3,514	3,472	3,378	3,301	3,203	3,134	3,097	3,133	3,284	3,522	3,539	3,465	3,346	3,167	2,940
12/20/09	2,753	2,674	2,638	2,658	2,697	2,824	2,993	3,191	3,292	3,310	3,286	3,221	3,157	3,065	3,003	2,962	3,025	3,216	3,441	3,512	3,444	3,334	3,096	2,844
12/21/09	2,688	2,625	2,622	2,664	2,783	3,118	3,693	3,905	3,844	3,712	3,665	3,565	3,506	3,484	3,444	3,426	3,442	3,565	3,742	3,782	3,694	3,547	3,235	2,915
12/22/09	2,651	2,555	2,533	2,559	2,673	2,986	3,443	3,638	3,585	3,526	3,508	3,481	3,457	3,435	3,435	3,447	3,435	3,484	3,666	3,708	3,595	3,434	3,127	2,811
12/23/09	2,641	2,548	2,529	2,555	2,671	2,986	3,446	3,639	3,579	3,514	3,493	3,463	3,434	3,408	3,405	3,412	3,401	3,455	3,644	3,689	3,575	3,417	3,112	2,799
12/24/09	2,836	2,776	2,744	2,800	2,901	3,243	3,754	3,995	3,930	3,781	3,678	3,600	3,517	3,475	3,451	3,399	3,421	3,552	3,779	3,828	3,754	3,593	3,317	3,003
12/25/09	2,767	2,742	2,781	2,796	2,933	3,204	3,596	3,794	3,876	3,731	3,620	3,506	3,370	3,307	3,236	3,203	3,258	3,430	3,749	3,708	3,576	3,517	3,227	2,929
12/26/09	2,797	2,696	2,673	2,680	2,725	2,866	3,080	3,299	3,428	3,477	3,445	3,359	3,288	3,194	3,128	3,092	3,127	3,276	3,506	3,518	3,442	3,321	3,142	2,915
12/27/09	2,852	2,818	2,787	2,818	2,875	3,048	3,288	3,514	3,615	3,551	3,432	3,281	3,165	3,086	2,992	2,939	3,006	3,211	3,566	3,574	3,530	3,359	3,121	2,860
12/28/09	2,749	2,681	2,685	2,715	2,869	3,214	3,731	3,970	3,884	3,786	3,686	3,558	3,484	3,456	3,371	3,376	3,376	3,540	3,828	3,841	3,800	3,648	3,326	3,015
12/29/09	2,880	2,832	2,781	2,820	2,938	3,336	3,829	4,061	3,974	3,812	3,699	3,605	3,498	3,465	3,390	3,374	3,391	3,579	3,846	3,857	3,807	3,672	3,389	3,072
12/30/09	2,908	2,862	2,814	2,854	2,975	3,378	3,875	4,112	4,019	3,846	3,727	3,628	3,515	3,478	3,401	3,382	3,402	3,599	3,873	3,882	3,832	3,700	3,415	3,097
12/31/09	2,908	2,861	2,812	2,854	2,976	3,379	3,877	4,115	4,024	3,845	3,726	3,627	3,515	3,479	3,402	3,380	3,395	3,595	3,872	3,883	3,833	3,702	3,415	3,097

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
01/01/10	3,037	2,968	2,942	2,983	3,038	3,199	3,414	3,672	3,773	3,740	3,648	3,508	3,387	3,252	3,169	3,115	3,195	3,439	3,739	3,810	3,745	3,651	3,409	3,136
01/02/10	3,080	2,982	2,977	3,003	3,071	3,244	3,515	3,795	3,901	3,873	3,761	3,602	3,482	3,353	3,263	3,214	3,253	3,446	3,748	3,760	3,686	3,574	3,398	3,165
01/03/10	3,053	2,984	2,959	3,000	3,058	3,219	3,434	3,691	3,787	3,753	3,666	3,530	3,412	3,278	3,193	3,139	3,219	3,462	3,762	3,831	3,765	3,653	3,401	3,126
01/04/10	3,030	2,960	2,985	3,026	3,215	3,599	4,189	4,495	4,380	4,207	4,037	3,840	3,715	3,661	3,541	3,555	3,567	3,793	4,149	4,140	4,112	3,954	3,622	3,291
01/05/10	3,294	3,263	3,220	3,285	3,429	3,904	4,456	4,740	4,602	4,339	4,129	3,962	3,786	3,719	3,604	3,578	3,612	3,910	4,277	4,265	4,226	4,100	3,800	3,455
01/06/10	3,205	3,170	3,126	3,185	3,325	3,785	4,328	4,603	4,474	4,231	4,045	3,896	3,735	3,675	3,570	3,545	3,576	3,848	4,192	4,187	4,143	4,014	3,715	3,375
01/07/10	3,304	3,272	3,230	3,297	3,442	3,917	4,470	4,756	4,619	4,347	4,137	3,970	3,792	3,725	3,609	3,578	3,610	3,915	4,286	4,275	4,235	4,112	3,808	3,464
01/08/10	3,409	3,376	3,375	3,451	3,664	4,003	4,626	4,982	4,836	4,579	4,348	4,075	3,903	3,798	3,627	3,579	3,656	3,891	4,245	4,209	4,099	4,065	3,868	3,581
01/09/10	3,483	3,380	3,392	3,435	3,526	3,697	3,971	4,292	4,439	4,405	4,264	4,052	3,891	3,721	3,601	3,534	3,583	3,903	4,234	4,161	4,092	3,987	3,806	3,572
01/10/10	3,309	3,255	3,232	3,298	3,373	3,554	3,797	4,100	4,201	4,151	4,037	3,866	3,726	3,565	3,471	3,403	3,504	3,800	4,132	4,189	4,125	4,002	3,721	3,414
01/11/10	3,182	3,107	3,144	3,192	3,392	3,779	4,387	4,712	4,594	4,404	4,214	3,988	3,843	3,774	3,638	3,662	3,693	3,964	4,345	4,303	4,276	4,110	3,778	3,446
01/12/10	3,256	3,223	3,179	3,242	3,384	3,854	4,402	4,682	4,548	4,294	4,093	3,933	3,764	3,700	3,589	3,563	3,596	3,883	4,240	4,231	4,190	4,063	3,763	3,421
01/13/10	3,136	3,096	3,051	3,105	3,241	3,690	4,226	4,493	4,372	4,148	3,980	3,845	3,697	3,644	3,546	3,523	3,551	3,801	4,127	4,127	4,081	3,949	3,651	3,314
01/14/10	3,061	3,016	2,968	3,019	3,151	3,586	4,115	4,373	4,266	4,055	3,909	3,790	3,658	3,612	3,523	3,498	3,518	3,749	4,058	4,064	4,015	3,882	3,583	3,249
01/15/10	3,043	2,990	2,977	3,022	3,201	3,524	4,119	4,397	4,273	4,091	3,949	3,754	3,655	3,596	3,475	3,438	3,479	3,592	3,889	3,909	3,810	3,759	3,557	3,289
01/16/10	3,080	2,982	2,977	3,003	3,071	3,244	3,515	3,795	3,901	3,873	3,761	3,602	3,482	3,353	3,263	3,214	3,253	3,446	3,748	3,760	3,686	3,574	3,398	3,165
01/17/10	3,012	2,941	2,915	2,953	3,008	3,166	3,375	3,624	3,719	3,690	3,612	3,487	3,377	3,251	3,170	3,118	3,195	3,431	3,720	3,791	3,723	3,613	3,362	3,092
01/18/10	2,983	2,911	2,885	2,924	2,978	3,137	3,346	3,587	3,681	3,655	3,580	3,438	3,329	3,212	3,134	3,083	3,159	3,392	3,676	3,747	3,681	3,574	3,327	3,062
01/19/10	2,931	2,880	2,827	2,865	2,986	3,393	3,901	4,139	4,053	3,893	3,782	3,690	3,584	3,552	3,477	3,460	3,477	3,665	3,937	3,950	3,896	3,755	3,461	3,133
01/20/10	2,999	2,952	2,903	2,945	3,072	3,495	4,014	4,262	4,162	3,978	3,850	3,743	3,623	3,584	3,501	3,482	3,503	3,711	4,000	4,009	3,958	3,821	3,525	3,193
01/21/10	2,889	2,833	2,779	2,815	2,931	3,326	3,824	4,056	3,982	3,830	3,736	3,655	3,557	3,530	3,460	3,440	3,453	3,631	3,894	3,911	3,854	3,715	3,418	3,092
01/22/10	2,924	2,862	2,844	2,876	3,041	3,351	3,916	4,159	4,057	3,915	3,812	3,658	3,589	3,549	3,446	3,417	3,447	3,520	3,774	3,813	3,713	3,654	3,447	3,177
01/23/10	2,927	2,825	2,807	2,820	2,872	3,028	3,264	3,506	3,628	3,655	3,599	3,492	3,406	3,300	3,226	3,186	3,224	3,383	3,640	3,661	3,585	3,464	3,279	3,042
01/24/10	2,891	2,814	2,782	2,810	2,856	3,000	3,190	3,412	3,509	3,505	3,459	3,370	3,287	3,182	3,113	3,066	3,136	3,349	3,604	3,677	3,606	3,497	3,249	2,985
01/25/10	2,755	2,690	2,687	2,731	2,854	3,202	3,800	4,020	3,957	3,820	3,771	3,667	3,606	3,582	3,541	3,522	3,539	3,667	3,851	3,892	3,801	3,648	3,323	2,992
01/26/10	2,710	2,611	2,590	2,618	2,738	3,065	3,543	3,743	3,685	3,619	3,597	3,566	3,538	3,513	3,511	3,520	3,507	3,562	3,756	3,802	3,684	3,518	3,201	2,875
01/27/10	2,729	2,627	2,603	2,628	2,745	3,065	3,534	3,740	3,691	3,635	3,625	3,603	3,582	3,563	3,568	3,582	3,572	3,617	3,796	3,838	3,720	3,551	3,227	2,896
01/28/10	2,910	2,847	2,813	2,872	2,977	3,333	3,863	4,113	4,046	3,892	3,784	3,703	3,617	3,573	3,549	3,494	3,517	3,653	3,889	3,940	3,864	3,696	3,409	3,083
01/29/10	2,692	2,630	2,626	2,638	2,725	3,032	3,538	3,726	3,693	3,621	3,578	3,554	3,488	3,479	3,454	3,426	3,425	3,457	3,575	3,615	3,517	3,404	3,165	2,914
01/30/10	2,949	2,873	2,832	2,883	2,955	3,201	3,602	3,849	3,890	3,815	3,709	3,565	3,511	3,409	3,316	3,316	3,364	3,642	3,905	3,856	3,729	3,645	3,433	3,133
01/31/10	2,904	2,828	2,796	2,825	2,872	3,019	3,211	3,436	3,532	3,525	3,475	3,382	3,296	3,189	3,118	3,071	3,142	3,357	3,617	3,689	3,618	3,509	3,261	2,997
02/01/10	2,886	2,815	2,819	2,849	3,006	3,356	3,882	4,124	4,039	3,941	3,843	3,714	3,640	3,613	3,527	3,532	3,532	3,698	3,990	4,003	3,960	3,804	3,476	3,158
02/02/10	3,012	2,962	2,910	2,948	3,068	3,471	3,972	4,207	4,121	3,961	3,850	3,757	3,651	3,619	3,544	3,527	3,545	3,732	4,001	4,014	3,961	3,823	3,533	3,210
02/03/10	3,041	2,993	2,943	2,983	3,105	3,514	4,019	4,260	4,167	3,996	3,879	3,781	3,668	3,632	3,555	3,536	3,556	3,752	4,028	4,039	3,987	3,851	3,560	3,235
02/04/10	3,124	3,080	3,032	3,082	3,211	3,638	4,157	4,410	4,306	4,101	3,959	3,843	3,715	3,671	3,584	3,560	3,579	3,804	4,106	4,112	4,064	3,933	3,638	3,310
02/05/10	3,146	3,096	3,084	3,131	3,310	3,631	4,222	4,506	4,379	4,191	4,041	3,840	3,735	3,672	3,548	3,510	3,553	3,677	3,979	3,993	3,894	3,846	3,648	3,384
02/06/10	3,276	3,182	3,185	3,220	3,299	3,475	3,765	4,068	4,174	4,114	3,964	3,769	3,626	3,479	3,376	3,320	3,360	3,590	3,919	3,900	3,827	3,723	3,557	3,334
02/07/10	3,226	3,163	3,140	3,189	3,252	3,416	3,640	3,914	4,014	3,972	3,867	3,710	3,576	3,427	3,335	3,277	3,363	3,621	3,936	4,002	3,941	3,824	3,568	3,288
02/08/10	3,309	3,226	3,259	3,305	3,498	3,873	4,470	4,776	4,658	4,482	4,305	4,084	3,947	3,880	3,748	3,780	3,826	4,121	4,500	4,445	4,419	4,253	3,919	3,594
02/09/10	3,216	3,177	3,132	3,186	3,321	3,766	4,295	4,559	4,440	4,217	4,046	3,910	3,764	3,711	3,613	3,591	3,617	3,867	4,191	4,190	4,146	4,016	3,723	3,390
02/10/10	3,233	3,196	3,152	3,207	3,343	3,789	4,320	4,586	4,464	4,235	4,062	3,924	3,774	3,718	3,619	3,595	3,624	3,879	4,207	4,205	4,161	4,032	3,738	3,405
02/11/10	3,046	2,997	2,946	2,989	3,112	3,522	4,030	4,271	4,180	4,001	3,882	3,784	3,671	3,636	3,557	3,536	3,551	3,752	4,032	4,044	3,993	3,858	3,565	3,240
02/12/10	3,123	3,070	3,058	3,103	3,280	3,598	4,185	4,462	4,338	4,157	4,015	3,821	3,722	3,662	3,542	3,505	3,546	3,660	3,955	3,974	3,875	3,826	3,627	3,363
02/13/10	3,057	2,958	2,946	2,964	3,021	3,183	3,429	3,681	3,792	3,796	3,720	3,596	3,499	3,386	3,308	3,265	3,303	3,470	3,739	3,762	3,688	3,572	3,394	3,161
02/14/10	3,020	2,946	2,918	2,950	3,000	3,149	3,346	3,577	3,669	3,653	3,592	3,487	3,393	3,281	3,208	3,159	3,231	3,451	3,719	3,789	3,721	3,614	3,369	3,107
02/15/10	2,900	2,830	2,835	2,866	3,026	3,380	3,911	4,157	4,068	3,964	3,860	3,727	3,649	3,620	3,533	3,538	3,537	3,708	4,004	4,017	3,976	3,821	3,491	3,172
02/16/10	2,977	2,925	2,871	2,907	3,023	3,416	3,911	4,140	4,062	3,914	3,814	3,729	3,630	3,601	3,530	3,514	3,531	3,708	3,968	3,982	3,928	3,788	3,499	3,177
02/17/10	2,941	2,886	2,832	2,863	2,975	3,356	3,840	4,064	3,994	3,860	3,774	3,698	3,606	3,581	3,515	3,498	3,515	3,681	3,931	3,948	3,890	3,751	3,461	3,141
02/18/10	2,811	2,707	2,682	2,709	2,824	3,137	3,598	3,803	3,761	3,702	3,694	3,675	3,657	3,641	3,647	3,659	3,645	3,691	3,866	3,908	3,792	3,626	3,303	2,976
02/19/10	3,167	3,111	3,092	3,151	3,263	3,608	4,139	4,344	4,266	4,023	3,855	3,714	3,578	3,497	3,433	3,425	3,433	3,578	3,837	3,841	3,815	3,775	3,605	3,309
02/20/10	3,022	2,947	2,907	2,957	3,027	3,270	3,665	3,908	3,948	3,874	3,770	3,628	3,575	3,475	3,383	3,383	3,431	3,704	3,963	3,915	3,790	3,707	3,498	3,204
02/21/10	2,698	2,645	2,617	2,642	2,677	2,824	3,009	3,156	3,241	3,247	3,174	3,064	2,971	2,856	2,756	2,734	2,742	2,923	3,222	3,416	3,339	3,196	2,976	2,703
02/22/10	2,831	2,767	2,764	2,807	2,929	3,271	3,859	4,076	4,014	3,879	3,831	3,728	3,668	3,645	3,605	3,586	3,603	3,728	3,909	3,950	3,861	3,710	3,391	3,064
02/23/10	2,812	2,709	2,683	2,707	2,822	3,136	3,596	3,800	3,757	3,706	3,696	3,676	3,659	3,643	3,650	3,666	3,656	3,697	3,869	3,909	3,794	3,625	3,305	2,978
02/24/10	2,822	2,717	2,691	2,713	2,827	3,136	3,592	3,799	3,760	3,714	3,711	3,697	3,682	3,669	3,680	3,698	3,690	3,727	3,890	3,928	3,813	3,643	3,319	2,989
02/25/10	2,853	2,740	2,708	2,729	2,839	3,138	3,584	3,800	3,781	3,743	3,755	3,754	3,751	3,749	3,769	3,792	3,782	3,810	3,954	3,987	3,872	3,698	3,362	3,024
02/26/10	2,800	2,734	2,725	2,733	2,813	3,105	3,594	3,786	3,767	3,711	3,681	3,673	3,618	3,621	3,608	3,586	3,587	3,607	3,700	3,731	3,633	3,513	3,269	3,016
02/27/10	2,694	2,652	2,631	2,657	2,708	2,906	3,155	3,332	3,439	3,432	3,342	3,187	3,071	2,914	2,835	2,792	2,807	2,965	3,232	3,348	3,246	3,155	2,988	2,798
02/28/10	2,999	2,964	2,933	2,965	3,022	3,199	3,445	3,676	3,779	3,714	3,592	3,438	3,319	3,238	3,142	3,088	3,157	3,366	3,729	3,737	3,693	3,518	3,274	3,007

APS Own Load Hourly mW Forecast

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Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
03/01/10	2,600	2,543	2,540	2,579	2,688	2,996	3,525	3,721	3,665	3,543	3,500	3,407	3,354	3,333	3,297	3,279	3,295	3,408	3,571	3,607	3,527	3,391	3,104	2,810
03/02/10	2,736	2,682	2,652	2,702	2,794	3,111	3,580	3,801	3,739	3,610	3,512	3,439	3,363	3,324	3,302	3,257	3,281	3,398	3,605	3,649	3,581	3,431	3,180	2,890
03/03/10	2,737	2,683	2,654	2,703	2,795	3,111	3,579	3,801	3,738	3,608	3,513	3,440	3,364	3,324	3,302	3,257	3,281	3,399	3,605	3,649	3,581	3,432	3,179	2,890
03/04/10	2,737	2,682	2,652	2,704	2,796	3,112	3,581	3,803	3,743	3,607	3,512	3,440	3,364	3,325	3,303	3,255	3,275	3,396	3,605	3,650	3,582	3,434	3,179	2,891
03/05/10	2,704	2,646	2,627	2,651	2,790	3,058	3,543	3,745	3,666	3,559	3,484	3,364	3,314	3,285	3,201	3,178	3,203	3,255	3,462	3,500	3,411	3,352	3,166	2,927
03/06/10	2,778	2,688	2,674	2,688	2,737	2,879	3,094	3,315	3,418	3,432	3,373	3,270	3,188	3,091	3,023	2,986	3,020	3,165	3,400	3,420	3,353	3,248	3,086	2,876
03/07/10	2,722	2,653	2,625	2,650	2,691	2,819	2,987	3,184	3,270	3,266	3,225	3,146	3,072	2,979	2,917	2,876	2,938	3,127	3,353	3,417	3,355	3,258	3,039	2,805
03/08/10	2,733	2,672	2,684	2,715	2,870	3,201	3,701	3,944	3,851	3,728	3,609	3,467	3,380	3,345	3,256	3,262	3,264	3,436	3,723	3,731	3,700	3,562	3,265	2,974
03/09/10	2,936	2,921	2,901	2,969	3,109	3,525	4,020	4,275	4,162	3,960	3,806	3,680	3,545	3,490	3,396	3,367	3,379	3,583	3,856	3,848	3,797	3,668	3,395	3,087
03/10/10	2,824	2,784	2,740	2,778	2,892	3,267	3,728	3,950	3,860	3,694	3,578	3,482	3,374	3,338	3,264	3,246	3,266	3,453	3,711	3,718	3,673	3,552	3,290	2,996
03/11/10	2,760	2,714	2,667	2,702	2,810	3,170	3,621	3,833	3,758	3,608	3,512	3,431	3,336	3,308	3,241	3,223	3,235	3,406	3,649	3,662	3,614	3,491	3,228	2,937
03/12/10	2,764	2,709	2,694	2,724	2,872	3,148	3,652	3,871	3,778	3,647	3,552	3,410	3,346	3,308	3,215	3,189	3,216	3,285	3,515	3,548	3,460	3,408	3,226	2,987
03/13/10	2,759	2,668	2,653	2,665	2,712	2,851	3,062	3,278	3,384	3,406	3,354	3,257	3,179	3,085	3,019	2,983	3,016	3,159	3,388	3,407	3,340	3,233	3,070	2,860
03/14/10	2,751	2,720	2,692	2,721	2,772	2,932	3,153	3,361	3,453	3,395	3,285	3,146	3,039	2,966	2,880	2,832	2,893	3,082	3,408	3,416	3,375	3,218	2,999	2,758
03/15/10	2,600	2,543	2,540	2,579	2,688	2,996	3,525	3,721	3,665	3,543	3,500	3,407	3,354	3,333	3,297	3,279	3,295	3,408	3,571	3,607	3,527	3,391	3,104	2,810
03/16/10	2,736	2,682	2,652	2,702	2,794	3,111	3,580	3,801	3,739	3,610	3,512	3,439	3,363	3,324	3,302	3,257	3,281	3,398	3,605	3,649	3,581	3,431	3,180	2,890
03/17/10	2,737	2,683	2,654	2,703	2,795	3,111	3,579	3,801	3,738	3,608	3,513	3,440	3,364	3,324	3,302	3,257	3,281	3,399	3,605	3,649	3,581	3,432	3,179	2,890
03/18/10	2,737	2,682	2,652	2,704	2,796	3,112	3,581	3,803	3,743	3,607	3,512	3,440	3,364	3,325	3,303	3,255	3,275	3,396	3,605	3,650	3,582	3,434	3,179	2,891
03/19/10	2,549	2,493	2,489	2,499	2,575	2,846	3,293	3,460	3,432	3,371	3,335	3,316	3,259	3,252	3,232	3,208	3,208	3,234	3,335	3,369	3,282	3,181	2,968	2,745
03/20/10	2,478	2,440	2,421	2,444	2,490	2,667	2,891	3,050	3,147	3,141	3,061	2,923	2,818	2,678	2,607	2,569	2,583	2,724	2,964	3,068	2,976	2,894	2,743	2,572
03/21/10	2,751	2,720	2,692	2,721	2,772	2,932	3,153	3,361	3,453	3,395	3,285	3,146	3,039	2,966	2,880	2,832	2,893	3,082	3,408	3,416	3,375	3,218	2,999	2,758
03/22/10	2,512	2,468	2,410	2,431	2,559	2,824	3,237	3,400	3,432	3,422	3,435	3,403	3,419	3,421	3,433	3,448	3,450	3,509	3,592	3,635	3,541	3,391	3,082	2,764
03/23/10	2,572	2,482	2,460	2,484	2,589	2,875	3,293	3,474	3,428	3,377	3,362	3,340	3,320	3,301	3,303	3,315	3,305	3,347	3,511	3,549	3,445	3,295	3,011	2,719
03/24/10	2,592	2,497	2,474	2,494	2,596	2,874	3,285	3,471	3,436	3,394	3,391	3,378	3,365	3,353	3,362	3,378	3,371	3,405	3,552	3,587	3,482	3,330	3,038	2,741
03/25/10	2,585	2,491	2,468	2,491	2,595	2,876	3,290	3,475	3,438	3,386	3,380	3,364	3,348	3,334	3,341	3,352	3,340	3,381	3,536	3,573	3,469	3,319	3,028	2,733
03/26/10	2,639	2,568	2,552	2,550	2,611	2,852	3,275	3,460	3,473	3,452	3,452	3,474	3,448	3,473	3,483	3,475	3,482	3,475	3,513	3,525	3,434	3,309	3,069	2,829
03/27/10	2,503	2,460	2,433	2,451	2,492	2,662	2,876	3,036	3,143	3,153	3,090	2,969	2,882	2,758	2,699	2,672	2,687	2,812	3,029	3,126	3,033	2,943	2,782	2,601
03/28/10	2,592	2,517	2,464	2,465	2,471	2,556	2,674	2,818	2,950	3,034	3,057	3,059	3,062	3,044	3,028	3,066	3,085	3,187	3,330	3,446	3,382	3,207	2,957	2,663
03/29/10	2,637	2,574	2,483	2,491	2,610	2,842	3,227	3,424	3,525	3,584	3,665	3,694	3,776	3,836	3,899	3,954	3,962	3,965	3,946	3,955	3,855	3,675	3,319	2,960
03/30/10	2,773	2,641	2,588	2,589	2,673	2,900	3,254	3,484	3,538	3,578	3,648	3,704	3,747	3,789	3,850	3,909	3,914	3,878	3,917	3,913	3,809	3,625	3,283	2,945
03/31/10	2,685	2,570	2,532	2,541	2,633	2,882	3,261	3,470	3,484	3,487	3,525	3,550	3,567	3,585	3,623	3,662	3,663	3,658	3,743	3,758	3,654	3,485	3,166	2,846
04/01/10	2,796	2,678	2,637	2,649	2,742	2,992	3,373	3,587	3,605	3,603	3,643	3,670	3,690	3,709	3,749	3,787	3,783	3,780	3,867	3,881	3,777	3,607	3,282	2,959
04/02/10	2,835	2,750	2,723	2,710	2,758	2,975	3,382	3,585	3,635	3,651	3,685	3,746	3,746	3,800	3,838	3,843	3,857	3,822	3,804	3,795	3,698	3,551	3,284	3,028
04/03/10	2,631	2,582	2,549	2,563	2,599	2,764	2,971	3,135	3,252	3,274	3,227	3,120	3,046	2,935	2,886	2,869	2,885	2,998	3,196	3,289	3,194	3,095	2,924	2,733
04/04/10	2,616	2,559	2,525	2,540	2,565	2,682	2,834	2,971	3,067	3,097	3,059	2,993	2,936	2,860	2,794	2,793	2,805	2,949	3,178	3,336	3,269	3,123	2,907	2,643
04/05/10	2,577	2,541	2,496	2,523	2,656	2,938	3,368	3,517	3,518	3,475	3,457	3,394	3,380	3,353	3,340	3,335	3,333	3,422	3,556	3,612	3,519	3,382	3,093	2,791
04/06/10	2,697	2,601	2,576	2,598	2,701	2,982	3,397	3,584	3,550	3,508	3,503	3,489	3,476	3,465	3,474	3,491	3,483	3,516	3,666	3,700	3,596	3,441	3,148	2,848
04/07/10	2,789	2,739	2,689	2,715	2,815	3,157	3,591	3,792	3,732	3,617	3,544	3,479	3,398	3,377	3,318	3,304	3,319	3,465	3,687	3,704	3,651	3,523	3,262	2,972
04/08/10	2,968	2,927	2,884	2,928	3,046	3,432	3,903	4,132	4,038	3,853	3,726	3,622	3,506	3,467	3,388	3,366	3,383	3,586	3,859	3,865	3,822	3,702	3,435	3,137
04/09/10	2,785	2,725	2,704	2,726	2,862	3,128	3,607	3,805	3,732	3,635	3,568	3,456	3,412	3,387	3,306	3,283	3,309	3,355	3,554	3,593	3,502	3,439	3,250	3,008
04/10/10	2,763	2,666	2,641	2,643	2,680	2,801	2,990	3,183	3,316	3,381	3,366	3,299	3,242	3,161	3,102	3,070	3,103	3,240	3,441	3,438	3,365	3,249	3,082	2,874
04/11/10	2,588	2,539	2,513	2,534	2,566	2,698	2,864	2,998	3,077	3,085	3,021	2,924	2,841	2,740	2,651	2,632	2,641	2,803	3,070	3,245	3,176	3,044	2,843	2,594
04/12/10	2,605	2,563	2,508	2,531	2,661	2,932	3,353	3,513	3,536	3,516	3,521	3,479	3,487	3,481	3,486	3,495	3,496	3,564	3,662	3,710	3,615	3,467	3,163	2,847
04/13/10	2,843	2,789	2,758	2,808	2,901	3,221	3,694	3,917	3,855	3,724	3,626	3,552	3,475	3,436	3,414	3,369	3,392	3,511	3,719	3,763	3,696	3,544	3,290	2,998
04/14/10	2,730	2,628	2,598	2,614	2,714	2,983	3,386	3,582	3,565	3,539	3,551	3,552	3,550	3,549	3,570	3,595	3,590	3,609	3,735	3,762	3,658	3,498	3,193	2,885
04/15/10	2,844	2,788	2,758	2,810	2,904	3,222	3,696	3,919	3,859	3,721	3,625	3,552	3,476	3,437	3,415	3,366	3,386	3,508	3,719	3,764	3,696	3,547	3,290	2,999
04/16/10	2,779	2,702	2,681	2,675	2,732	2,964	3,384	3,576	3,604	3,597	3,610	3,647	3,631	3,668	3,689	3,686	3,696	3,677	3,694	3,698	3,604	3,469	3,218	2,970
04/17/10	2,663	2,607	2,566	2,575	2,603	2,760	2,956	3,122	3,251	3,291	3,265	3,178	3,124	3,032	2,996	2,991	3,010	3,104	3,276	3,360	3,264	3,155	2,973	2,770
04/18/10	2,649	2,583	2,541	2,550	2,567	2,670	2,808	2,949	3,060	3,114	3,102	3,065	3,034	2,984	2,940	2,956	2,971	3,097	3,289	3,430	3,364	3,205	2,973	2,695
04/19/10	2,692	2,636	2,556	2,568	2,691	2,937	3,336	3,522	3,600	3,636	3,694	3,702	3,762	3,803	3,850	3,892	3,898	3,919	3,935	3,957	3,858	3,687	3,344	2,996
04/20/10	2,799	2,682	2,640	2,649	2,741	2,991	3,372	3,585	3,603	3,610	3,650	3,677	3,698	3,719	3,760	3,802	3,802	3,793	3,876	3,888	3,785	3,611	3,288	2,964
04/21/10	2,795	2,679	2,639	2,648	2,740	2,990	3,371	3,584	3,599	3,603	3,643	3,670	3,688	3,707	3,747	3,787	3,788	3,781	3,866	3,880	3,775	3,604	3,281	2,958
04/22/10	2,821	2,698	2,653	2,662	2,753	2,996	3,370	3,589	3,619	3,628	3,679	3,715	3,742	3,768	3,815	3,859	3,857	3,844	3,917	3,926	3,822	3,647	3,315	2,987
04/23/10	2,858	2,771	2,741	2,725	2,770	2,980	3,383	3,591	3,650	3,675	3,717	3,788	3,794	3,856	3,900	3,908	3,924	3,883	3,852	3,837	3,738	3,586	3,313	3,053
04/24/10	2,810	2,726	2,652	2,640	2,641	2,766	2,921	3,097	3,276	3,387	3,446	3,439	3,464	3,441	3,458	3,502	3,526	3,553	3,622	3,671	3,564	3,416	3,190	2,944
04/25/10	2,789	2,695	2,625	2,613	2,604	2,663	2,757	2,911	3,076	3,207	3,282	3,341	3,393	3,422	3,446	3,516	3,539	3,608	3,683	3,766	3,700	3,498	3,217	2,893
04/26/10	2,837	2,764	2,652	2,652	2,769	2,984	3,359	3,574	3,715	3,810	3,926	3,987	4,104	4,191	4,280	4,355	4,366	4,344	4,274	4,261	4,154	3,960	3,576	3,192
04/27/10	3,008	2,851	2,782	2,774	2,849	3,051	3,377	3,636	3,738	3,823	3,936	4,031	4,105	4,174	4,264	4,347	4,357	4,287	4,272	4,242	4,132	3,930	3,559	3,195
04/28/10	3,276	3,058	2,947	2,905	2,948	3,087	3,344	3,639	3,800	3,938	4,112	4,257	4,359	4,449	4,564	4,665	4,662	4,583	4,533	4,487	4,396	4,210	3,831	3,470
04/29/10	3,434	3,191	3,068	3,022	3,060	3,183	3,418	3,739	3,932	4,088	4,292	4,464	4,582	4,682	4,810	4,920	4,921	4,833	4,769	4,700	4,597	4,407	4,012	3,640
04/30/10	3,136	3,018	2,966	2,924	2,936	3,085	3,451	3,705	3,858	3,970	4,095	4,264	4,331	4,459	4,561	4,601	4,635	4,540	4,389	4,314	4,196	3,998	3,661	3,370

APS Own Load Hourly mW Forecast

60

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
05/01/10	3,152	3,027	2,905	2,869	2,836	2,948	3,084	3,302	3,565	3,775	3,942	4,018	4,135	4,177	4,256	4,352	4,384	4,346	4,319	4,330	4,188	3,981	3,673	3,348
05/02/10	3,192	3,050	2,931	2,890	2,844	2,862	2,926	3,122	3,375	3,626	3,816	3,995	4,152	4,270	4,367	4,507	4,532	4,546	4,503	4,528	4,442	4,161	3,784	3,362
05/03/10	3,035	2,945	2,806	2,801	2,932	3,166	3,583	3,838	4,021	4,150	4,302	4,389	4,542	4,655	4,770	4,866	4,880	4,842	4,734	4,705	4,580	4,352	3,901	3,452
05/04/10	3,282	3,084	2,994	2,977	3,056	3,264	3,612	3,930	4,083	4,213	4,378	4,517	4,624	4,722	4,845	4,957	4,972	4,867	4,813	4,755	4,624	4,382	3,938	3,507
05/05/10	3,142	2,968	2,893	2,884	2,971	3,203	3,578	3,869	3,976	4,066	4,191	4,294	4,373	4,447	4,546	4,635	4,648	4,573	4,563	4,533	4,408	4,182	3,762	3,353
05/06/10	2,938	2,800	2,751	2,763	2,867	3,146	3,575	3,822	3,850	3,856	3,908	3,945	3,972	3,999	4,050	4,096	4,093	4,083	4,172	4,185	4,067	3,870	3,496	3,125
05/07/10	2,922	2,832	2,806	2,796	2,858	3,116	3,588	3,811	3,851	3,852	3,875	3,926	3,914	3,962	3,992	3,992	4,005	3,978	3,983	3,983	3,875	3,717	3,426	3,140
05/08/10	2,788	2,720	2,669	2,676	2,705	2,879	3,097	3,286	3,439	3,494	3,475	3,388	3,337	3,241	3,207	3,208	3,230	3,329	3,510	3,601	3,490	3,361	3,149	2,912
05/09/10	2,748	2,675	2,628	2,640	2,660	2,780	2,939	3,098	3,222	3,279	3,262	3,215	3,175	3,113	3,060	3,075	3,092	3,238	3,463	3,625	3,550	3,372	3,111	2,797
05/10/10	2,732	2,679	2,607	2,630	2,775	3,075	3,544	3,736	3,782	3,780	3,805	3,776	3,804	3,815	3,836	3,859	3,862	3,921	4,002	4,048	3,939	3,762	3,401	3,031
05/11/10	2,923	2,790	2,742	2,753	2,858	3,143	3,576	3,818	3,838	3,845	3,889	3,920	3,943	3,966	4,012	4,060	4,060	4,050	4,145	4,160	4,042	3,845	3,478	3,110
05/12/10	3,144	2,969	2,895	2,885	2,972	3,204	3,578	3,869	3,978	4,068	4,194	4,298	4,376	4,451	4,550	4,640	4,652	4,577	4,566	4,536	4,411	4,185	3,765	3,355
05/13/10	3,177	2,995	2,916	2,908	2,993	3,218	3,586	3,885	4,008	4,100	4,237	4,350	4,437	4,518	4,624	4,716	4,724	4,645	4,626	4,590	4,464	4,235	3,807	3,391
05/14/10	3,208	3,083	3,030	2,991	3,015	3,204	3,629	3,902	4,046	4,146	4,262	4,422	4,480	4,605	4,703	4,739	4,772	4,679	4,542	4,477	4,350	4,139	3,777	3,455
05/15/10	3,096	2,978	2,864	2,833	2,809	2,927	3,071	3,285	3,534	3,724	3,868	3,925	4,021	4,049	4,114	4,200	4,231	4,208	4,205	4,227	4,090	3,892	3,596	3,281
05/16/10	3,094	2,962	2,855	2,823	2,788	2,819	2,894	3,083	3,317	3,538	3,696	3,844	3,973	4,068	4,147	4,269	4,297	4,329	4,321	4,366	4,285	4,019	3,658	3,252
05/17/10	3,173	3,072	2,910	2,896	3,025	3,239	3,643	3,914	4,137	4,300	4,488	4,604	4,789	4,924	5,061	5,174	5,189	5,133	4,979	4,923	4,790	4,552	4,077	3,606
05/18/10	3,539	3,304	3,194	3,166	3,234	3,410	3,718	4,082	4,296	4,483	4,708	4,902	5,046	5,173	5,328	5,469	5,486	5,347	5,240	5,137	4,986	4,726	4,247	3,787
05/19/10	3,499	3,270	3,164	3,136	3,206	3,385	3,697	4,055	4,260	4,439	4,658	4,846	4,983	5,107	5,258	5,395	5,413	5,278	5,176	5,080	4,932	4,675	4,200	3,744
05/20/10	3,494	3,264	3,158	3,133	3,203	3,382	3,696	4,054	4,261	4,432	4,650	4,837	4,974	5,098	5,249	5,381	5,394	5,264	5,166	5,072	4,925	4,670	4,193	3,738
05/21/10	3,549	3,397	3,329	3,264	3,256	3,391	3,795	4,118	4,350	4,531	4,724	4,985	5,090	5,275	5,420	5,481	5,534	5,407	5,174	5,042	4,890	4,641	4,215	3,870
05/22/10	3,400	3,253	3,097	3,045	2,981	3,076	3,185	3,424	3,740	4,022	4,276	4,416	4,607	4,694	4,819	4,947	4,978	4,891	4,788	4,758	4,588	4,354	4,006	3,647
05/23/10	3,462	3,298	3,150	3,095	3,024	3,018	3,065	3,279	3,570	3,887	4,138	4,378	4,589	4,747	4,874	5,044	5,057	5,040	4,934	4,921	4,819	4,508	4,101	3,647
05/24/10	3,517	3,396	3,187	3,154	3,286	3,461	3,842	4,139	4,440	4,659	4,908	5,069	5,312	5,470	5,641	5,777	5,792	5,719	5,495	5,382	5,231	4,983	4,467	3,958
05/25/10	3,797	3,530	3,406	3,371	3,434	3,588	3,866	4,273	4,531	4,757	5,029	5,264	5,431	5,573	5,749	5,911	5,925	5,766	5,636	5,491	5,317	5,048	4,545	4,065
05/26/10	4,154	3,831	3,679	3,624	3,670	3,787	4,014	4,462	4,747	4,994	5,304	5,570	5,739	5,868	6,047	6,212	6,203	6,063	5,957	5,798	5,621	5,380	4,888	4,426
05/27/10	4,149	3,824	3,671	3,619	3,664	3,781	4,009	4,457	4,745	4,984	5,293	5,558	5,727	5,857	6,035	6,197	6,182	6,047	5,945	5,788	5,613	5,374	4,881	4,420
05/28/10	4,095	3,910	3,828	3,722	3,657	3,724	4,118	4,488	4,785	5,014	5,263	5,622	5,730	5,948	6,103	6,156	6,225	6,133	5,865	5,692	5,540	5,299	4,842	4,529
05/29/10	3,921	3,756	3,548	3,482	3,367	3,463	3,555	3,832	4,219	4,593	4,962	5,157	5,444	5,552	5,724	5,878	5,900	5,764	5,593	5,515	5,284	5,036	4,642	4,251
05/30/10	3,897	3,712	3,531	3,464	3,361	3,344	3,386	3,625	3,952	4,341	4,650	4,940	5,198	5,379	5,515	5,712	5,694	5,659	5,509	5,471	5,342	5,003	4,569	4,079
05/31/10	3,891	3,719	3,525	3,476	3,370	3,357	3,412	3,629	4,027	4,477	4,787	5,159	5,397	5,511	5,733	5,938	5,999	5,919	5,685	5,633	5,419	5,137	4,730	4,315
06/01/10	3,914	3,645	3,521	3,487	3,546	3,688	3,946	4,352	4,614	4,843	5,121	5,360	5,527	5,667	5,842	6,004	6,015	5,858	5,728	5,575	5,398	5,136	4,645	4,178
06/02/10	3,667	3,428	3,318	3,287	3,350	3,508	3,791	4,159	4,383	4,579	4,818	5,023	5,171	5,300	5,459	5,603	5,620	5,477	5,361	5,245	5,091	4,837	4,365	3,914
06/03/10	3,629	3,394	3,285	3,257	3,322	3,484	3,772	4,135	4,355	4,538	4,770	4,969	5,114	5,241	5,397	5,534	5,546	5,410	5,302	5,193	5,042	4,792	4,321	3,873
06/04/10	3,558	3,414	3,348	3,287	3,281	3,412	3,802	4,111	4,330	4,501	4,684	4,930	5,031	5,206	5,344	5,402	5,452	5,331	5,109	4,986	4,841	4,602	4,195	3,864
06/05/10	3,290	3,160	3,028	2,986	2,942	3,041	3,159	3,378	3,654	3,886	4,084	4,186	4,331	4,393	4,489	4,596	4,627	4,568	4,508	4,501	4,353	4,141	3,828	3,500
06/06/10	3,204	3,070	2,959	2,922	2,881	2,901	2,965	3,152	3,391	3,624	3,798	3,963	4,106	4,214	4,303	4,432	4,457	4,476	4,443	4,473	4,392	4,125	3,767	3,365
06/07/10	3,210	3,114	2,959	2,945	3,069	3,275	3,664	3,925	4,139	4,295	4,475	4,586	4,764	4,893	5,025	5,133	5,148	5,094	4,947	4,894	4,766	4,537	4,080	3,627
06/08/10	3,130	2,972	2,905	2,901	2,988	3,223	3,598	3,866	3,951	4,020	4,121	4,204	4,268	4,329	4,413	4,491	4,499	4,440	4,453	4,434	4,318	4,105	3,713	3,328
06/09/10	3,100	2,947	2,886	2,883	2,973	3,214	3,594	3,857	3,930	3,987	4,080	4,154	4,210	4,264	4,341	4,412	4,420	4,370	4,395	4,383	4,267	4,060	3,673	3,294
06/10/10	3,270	3,086	3,005	2,993	3,072	3,279	3,623	3,921	4,056	4,160	4,307	4,431	4,524	4,611	4,722	4,818	4,828	4,741	4,705	4,660	4,537	4,311	3,889	3,481
06/11/10	3,416	3,281	3,220	3,169	3,175	3,327	3,722	4,011	4,197	4,338	4,492	4,699	4,783	4,937	5,058	5,107	5,150	5,038	4,851	4,753	4,619	4,394	4,011	3,687
06/12/10	3,291	3,161	3,029	2,987	2,943	3,042	3,160	3,378	3,654	3,887	4,085	4,187	4,332	4,394	4,491	4,598	4,629	4,570	4,509	4,502	4,354	4,142	3,829	3,500
06/13/10	3,399	3,247	3,114	3,066	3,005	3,006	3,055	3,255	3,524	3,809	4,032	4,246	4,433	4,574	4,689	4,844	4,862	4,854	4,769	4,767	4,675	4,385	4,002	3,574
06/14/10	3,457	3,345	3,155	3,127	3,253	3,430	3,801	4,082	4,354	4,553	4,780	4,926	5,147	5,297	5,455	5,581	5,596	5,527	5,326	5,230	5,089	4,851	4,364	3,882
06/15/10	3,701	3,457	3,343	3,313	3,375	3,532	3,812	4,184	4,416	4,618	4,860	5,070	5,221	5,353	5,514	5,662	5,677	5,531	5,414	5,292	5,135	4,879	4,404	3,951
06/16/10	3,914	3,646	3,523	3,488	3,547	3,688	3,945	4,352	4,613	4,841	5,121	5,362	5,528	5,666	5,842	6,003	6,016	5,859	5,728	5,575	5,397	5,137	4,645	4,178
06/17/10	3,897	3,629	3,507	3,474	3,534	3,676	3,936	4,341	4,603	4,822	5,099	5,338	5,504	5,643	5,818	5,975	5,983	5,830	5,703	5,554	5,378	5,119	4,626	4,160
06/18/10	3,908	3,749	3,682	3,603	3,570	3,667	4,056	4,407	4,686	4,905	5,139	5,463	5,582	5,794	5,953	6,020	6,090	5,965	5,693	5,516	5,348	5,090	4,637	4,300
06/19/10	3,745	3,590	3,406	3,345	3,252	3,340	3,431	3,685	4,037	4,371	4,692	4,869	5,117	5,221	5,375	5,517	5,542	5,425	5,276	5,212	5,011	4,773	4,406	4,037
06/20/10	4,195	4,011	3,818	3,753	3,635	3,620	3,663	3,909	4,239	4,648	4,967	5,265	5,531	5,707	5,834	6,037	5,996	5,960	5,804	5,768	5,630	5,290	4,860	4,365
06/21/10	3,986	3,858	3,601	3,554	3,694	3,829	4,179	4,482	4,843	5,091	5,383	5,566	5,845	5,999	6,181	6,323	6,330	6,270	6,006	5,845	5,683	5,450	4,926	4,403
06/22/10	4,132	3,839	3,708	3,671	3,730	3,860	4,099	4,538	4,824	5,074	5,380	5,645	5,822	5,963	6,147	6,320	6,326	6,161	6,028	5,848	5,651	5,386	4,884	4,409
06/23/10	4,199	3,899	3,767	3,729	3,788	3,915	4,146	4,596	4,887	5,142	5,458	5,731	5,909	6,048	6,236	6,411	6,416	6,250	6,116	5,928	5,725	5,461	4,955	4,478
06/24/10	4,609	4,267	4,124	4,090	4,152	4,262	4,457	4,970	5,299	5,575	5,932	6,243	6,429	6,560	6,760	6,948	6,934	6,755	6,627	6,404	6,169	5,906	5,387	4,902
06/25/10	4,286	4,121	4,062	3,970	3,911	3,978	4,378	4,763	5,078	5,321	5,589	5,976	6,092	6,324	6,492	6,556	6,646	6,530	6,226	6,013	5,828	5,560	5,077	4,746
06/26/10	4,799	4,647	4,376	4,314	4,116	4,256	4,334	4,618	5,042	5,463	5,905	6,093	6,460	6,531	6,704	6,897	6,891	6,693	6,486	6,432	6,143	5,937	5,525	5,126
06/27/10	4,508	4,323	4,112	4,052	3,912	3,903	3,945	4,211	4,555	4,996	5,334	5,650	5,934	6,111	6,233	6,457	6,388	6,352	6,183	6,161	6,015	5,659	5,215	4,686
06/28/10	4,286	4,157	3,861	3,808	3,963	4,082	4,424	4,734	5,133	5,396	5,717	5,909	6,214	6,360	6,549	6,694	6,693	6,647	6,357	6,177	6,007	5,787	5,251	4,712
06/29/10	4,389	4,069	3,930	3,893	3,953	4,072	4,288	4,765	5,075	5,344	5,677	5,967	6,150	6,287	6,479	6,663	6,661	6,488	6,358	6,151	5,933	5,668	5,158	4,676
06/30/10	4,161	3,866	3,735	3,697	3,756	3,884	4,119	4,563	4,851	5,103	5,414	5,683	5,860	6,000	6,186	6,360	6,366	6,201	6,067	5,883	5,683	5,419	4,915	4,439

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
07/01/10	4,302	4,025	3,903	3,871	3,925	4,039	4,247	4,662	4,933	5,160	5,451	5,703	5,867	5,994	6,165	6,323	6,322	6,173	6,055	5,882	5,694	5,455	4,992	4,557
07/02/10	4,270	4,121	4,065	3,984	3,935	4,002	4,364	4,708	4,988	5,207	5,444	5,784	5,892	6,100	6,251	6,311	6,389	6,281	6,011	5,823	5,657	5,415	4,980	4,678
07/03/10	4,190	4,045	3,850	3,791	3,675	3,766	3,846	4,096	4,449	4,794	5,139	5,315	5,586	5,677	5,833	5,972	5,986	5,859	5,700	5,626	5,408	5,194	4,840	4,494
07/04/10	4,686	4,519	4,319	4,268	4,131	4,125	4,160	4,411	4,730	5,145	5,460	5,758	6,026	6,190	6,301	6,518	6,444	6,411	6,246	6,236	6,105	5,772	5,359	4,858
07/05/10	4,445	4,307	4,111	4,080	3,954	3,939	3,996	4,187	4,561	4,991	5,288	5,698	5,944	6,033	6,248	6,440	6,443	6,329	6,081	6,005	5,738	5,496	5,187	4,853
07/06/10	4,724	4,405	4,272	4,238	4,295	4,391	4,559	5,036	5,340	5,602	5,931	6,219	6,389	6,503	6,687	6,864	6,853	6,683	6,566	6,358	6,141	5,902	5,433	4,992
07/07/10	4,688	4,372	4,241	4,207	4,263	4,360	4,531	5,003	5,303	5,562	5,891	6,176	6,344	6,460	6,643	6,817	6,809	6,642	6,524	6,319	6,103	5,864	5,394	4,954
07/08/10	5,015	4,664	4,524	4,493	4,553	4,630	4,763	5,287	5,618	5,892	6,248	6,561	6,731	6,834	7,030	7,213	7,190	7,001	6,878	6,661	6,432	6,198	5,723	5,283
07/09/10	5,065	4,937	4,933	4,847	4,759	4,773	5,162	5,574	5,907	6,159	6,457	6,922	7,014	7,274	7,466	7,519	7,667	7,506	7,106	6,850	6,637	6,326	5,818	5,496
07/10/10	5,308	5,180	4,885	4,828	4,585	4,740	4,780	5,019	5,419	5,817	6,249	6,417	6,805	6,868	7,021	7,262	7,242	6,980	6,734	6,747	6,476	6,311	5,917	5,530
07/11/10	5,012	4,853	4,634	4,597	4,430	4,425	4,436	4,711	5,052	5,504	5,848	6,191	6,498	6,688	6,819	7,094	6,994	6,950	6,724	6,755	6,646	6,278	5,827	5,252
07/12/10	4,654	4,544	4,230	4,180	4,344	4,442	4,745	5,031	5,429	5,681	6,005	6,185	6,491	6,618	6,796	6,932	6,922	6,893	6,595	6,429	6,274	6,093	5,594	5,089
07/13/10	4,612	4,304	4,174	4,140	4,196	4,297	4,477	4,937	5,232	5,487	5,807	6,085	6,254	6,372	6,553	6,726	6,718	6,555	6,438	6,237	6,026	5,786	5,318	4,878
07/14/10	4,595	4,289	4,160	4,126	4,181	4,282	4,463	4,921	5,213	5,467	5,787	6,065	6,232	6,351	6,532	6,703	6,697	6,535	6,417	6,217	6,007	5,768	5,299	4,860
07/15/10	4,712	4,393	4,261	4,229	4,286	4,381	4,551	5,027	5,332	5,586	5,917	6,205	6,374	6,489	6,673	6,845	6,831	6,666	6,551	6,345	6,128	5,892	5,419	4,979
07/16/10	4,373	4,224	4,171	4,086	4,031	4,090	4,454	4,806	5,094	5,317	5,562	5,917	6,022	6,235	6,388	6,445	6,529	6,423	6,145	5,950	5,781	5,536	5,095	4,795
07/17/10	4,394	4,250	4,039	3,981	3,845	3,947	4,026	4,282	4,649	5,011	5,379	5,556	5,849	5,931	6,089	6,237	6,244	6,104	5,938	5,864	5,627	5,420	5,059	4,708
07/18/10	4,172	4,007	3,837	3,778	3,676	3,662	3,700	3,919	4,214	4,575	4,859	5,124	5,361	5,521	5,639	5,819	5,790	5,757	5,619	5,584	5,462	5,158	4,771	4,329
07/19/10	4,308	4,190	3,926	3,879	4,018	4,128	4,441	4,721	5,079	5,317	5,605	5,778	6,052	6,187	6,357	6,489	6,490	6,446	6,186	6,024	5,870	5,668	5,181	4,693
07/20/10	4,476	4,181	4,054	4,021	4,075	4,182	4,375	4,815	5,099	5,346	5,652	5,919	6,086	6,209	6,385	6,554	6,551	6,393	6,274	6,083	5,882	5,642	5,176	4,738
07/21/10	4,524	4,225	4,098	4,064	4,118	4,222	4,410	4,857	5,144	5,393	5,707	5,979	6,145	6,267	6,445	6,614	6,610	6,451	6,332	6,138	5,932	5,693	5,226	4,787
07/22/10	4,010	3,765	3,653	3,623	3,678	3,806	4,041	4,411	4,651	4,853	5,107	5,326	5,478	5,605	5,764	5,908	5,915	5,776	5,659	5,521	5,360	5,124	4,675	4,251
07/23/10	4,174	4,026	3,968	3,890	3,848	3,923	4,281	4,617	4,889	5,102	5,332	5,656	5,765	5,969	6,118	6,179	6,252	6,141	5,879	5,699	5,538	5,298	4,870	4,566
07/24/10	3,760	3,622	3,465	3,412	3,337	3,415	3,501	3,726	4,033	4,319	4,591	4,742	4,951	5,042	5,174	5,299	5,324	5,225	5,101	5,052	4,881	4,666	4,341	4,011
07/25/10	3,750	3,599	3,460	3,407	3,334	3,324	3,362	3,557	3,824	4,125	4,365	4,593	4,795	4,943	5,060	5,218	5,222	5,199	5,089	5,067	4,969	4,688	4,322	3,914
07/26/10	3,920	3,806	3,592	3,554	3,675	3,809	4,132	4,403	4,708	4,924	5,172	5,331	5,571	5,713	5,874	6,001	6,010	5,950	5,724	5,594	5,451	5,235	4,766	4,301
07/27/10	4,232	3,964	3,843	3,810	3,863	3,981	4,196	4,599	4,861	5,091	5,372	5,615	5,777	5,904	6,073	6,232	6,236	6,086	5,965	5,798	5,617	5,376	4,918	4,485
07/28/10	4,160	3,900	3,783	3,749	3,802	3,923	4,143	4,536	4,790	5,013	5,287	5,524	5,682	5,809	5,976	6,130	6,138	5,990	5,868	5,710	5,535	5,295	4,840	4,409
07/29/10	4,493	4,196	4,070	4,038	4,092	4,198	4,389	4,833	5,120	5,361	5,671	5,941	6,108	6,231	6,408	6,573	6,566	6,411	6,295	6,104	5,901	5,663	5,194	4,756
07/30/10	4,645	4,495	4,452	4,360	4,284	4,320	4,690	5,060	5,362	5,591	5,851	6,244	6,337	6,560	6,718	6,767	6,867	6,764	6,462	6,253	6,080	5,828	5,375	5,083
07/31/10	4,479	4,335	4,117	4,059	3,916	4,022	4,100	4,359	4,730	5,097	5,473	5,650	5,950	6,029	6,188	6,339	6,344	6,197	6,028	5,957	5,713	5,510	5,146	4,793
08/01/10	4,383	4,206	4,018	3,956	3,839	3,825	3,866	4,106	4,426	4,824	5,134	5,422	5,681	5,850	5,971	6,168	6,125	6,090	5,939	5,905	5,770	5,442	5,027	4,547
08/02/10	4,631	4,512	4,197	4,144	4,308	4,414	4,738	5,038	5,446	5,707	6,037	6,225	6,537	6,673	6,858	6,999	6,993	6,958	6,658	6,481	6,316	6,117	5,595	5,067
08/03/10	4,717	4,389	4,251	4,216	4,275	4,381	4,569	5,057	5,370	5,641	5,980	6,275	6,454	6,578	6,769	6,952	6,944	6,770	6,647	6,433	6,209	5,956	5,462	4,998
08/04/10	4,464	4,163	4,032	3,996	4,053	4,169	4,380	4,831	5,122	5,376	5,693	5,968	6,142	6,273	6,458	6,631	6,632	6,468	6,341	6,148	5,942	5,688	5,199	4,737
08/05/10	4,791	4,455	4,315	4,282	4,342	4,443	4,624	5,125	5,445	5,713	6,061	6,364	6,542	6,664	6,858	7,040	7,026	6,852	6,731	6,514	6,285	6,035	5,537	5,072
08/06/10	4,727	4,569	4,523	4,425	4,346	4,384	4,775	5,166	5,484	5,725	5,999	6,414	6,512	6,748	6,914	6,966	7,071	6,962	6,644	6,424	6,241	5,976	5,497	5,189
08/07/10	4,650	4,500	4,262	4,201	4,040	4,158	4,239	4,513	4,910	5,303	5,708	5,893	6,219	6,298	6,466	6,631	6,633	6,470	6,287	6,217	5,953	5,742	5,355	4,980
08/08/10	4,705	4,528	4,321	4,265	4,126	4,118	4,157	4,417	4,751	5,181	5,511	5,819	6,097	6,268	6,385	6,607	6,535	6,500	6,331	6,316	6,176	5,830	5,398	4,881
08/09/10	4,656	4,538	4,219	4,166	4,332	4,438	4,760	5,061	5,472	5,734	6,067	6,255	6,569	6,705	6,890	7,032	7,025	6,991	6,688	6,511	6,347	6,149	5,626	5,097
08/10/10	5,655	5,191	4,993	4,924	4,963	4,956	4,962	5,584	5,972	6,293	6,685	7,039	7,194	7,254	7,472	7,667	7,665	7,421	7,275	7,115	6,939	6,749	6,299	5,896
08/11/10	5,363	4,935	4,752	4,687	4,724	4,753	4,819	5,389	5,737	6,026	6,395	6,721	6,873	6,941	7,136	7,315	7,340	7,151	7,046	6,868	6,676	6,481	6,029	5,618
08/12/10	4,778	4,443	4,304	4,271	4,330	4,432	4,614	5,113	5,433	5,700	6,047	6,349	6,527	6,649	6,843	7,024	7,010	6,837	6,716	6,500	6,272	6,022	5,524	5,059
08/13/10	4,967	4,809	4,774	4,668	4,569	4,583	4,975	5,378	5,704	5,947	6,232	6,678	6,763	7,008	7,180	7,223	7,343	7,230	6,882	6,658	6,477	6,203	5,718	5,419
08/14/10	4,667	4,518	4,278	4,217	4,054	4,173	4,255	4,528	4,926	5,320	5,726	5,911	6,239	6,317	6,485	6,651	6,653	6,489	6,304	6,235	5,970	5,760	5,372	4,997
08/15/10	4,659	4,481	4,277	4,220	4,084	4,076	4,116	4,372	4,704	5,130	5,456	5,761	6,036	6,206	6,323	6,541	6,472	6,438	6,273	6,254	6,114	5,770	5,342	4,831
08/16/10	4,721	4,605	4,276	4,223	4,395	4,498	4,819	5,121	5,539	5,803	6,143	6,333	6,654	6,788	6,975	7,119	7,109	7,078	6,766	6,590	6,426	6,233	5,708	5,176
08/17/10	4,716	4,389	4,250	4,215	4,274	4,380	4,568	5,056	5,369	5,640	5,979	6,274	6,452	6,577	6,768	6,951	6,943	6,769	6,646	6,432	6,208	5,955	5,461	4,997
08/18/10	4,527	4,219	4,087	4,050	4,107	4,221	4,426	4,887	5,183	5,441	5,765	6,045	6,220	6,350	6,536	6,712	6,710	6,545	6,419	6,220	6,009	5,756	5,264	4,802
08/19/10	4,746	4,415	4,276	4,243	4,302	4,406	4,591	5,085	5,402	5,668	6,011	6,311	6,489	6,613	6,805	6,985	6,972	6,801	6,680	6,465	6,240	5,989	5,492	5,027
08/20/10	4,593	4,434	4,384	4,290	4,221	4,271	4,660	5,041	5,354	5,593	5,860	6,257	6,362	6,592	6,756	6,812	6,909	6,800	6,495	6,280	6,098	5,836	5,363	5,051
08/21/10	4,452	4,299	4,077	4,016	3,875	3,981	4,064	4,335	4,721	5,102	5,489	5,676	5,983	6,071	6,238	6,393	6,402	6,254	6,079	6,001	5,753	5,533	5,153	4,782
08/22/10	3,979	3,811	3,649	3,588	3,498	3,483	3,521	3,738	4,036	4,384	4,661	4,923	5,155	5,320	5,447	5,625	5,615	5,583	5,450	5,416	5,302	4,993	4,595	4,149
08/23/10	4,465	4,342	4,051	4,000	4,152	4,264	4,592	4,890	5,278	5,533	5,846	6,031	6,328	6,468	6,649	6,789	6,788	6,745	6,463	6,288	6,124	5,916	5,399	4,879
08/24/10	4,704	4,378	4,240	4,205	4,263	4,370	4,559	5,046	5,358	5,628	5,965	6,260	6,438	6,563	6,754	6,936	6,928	6,755	6,632	6,419	6,196	5,943	5,449	4,985
08/25/10	4,423	4,126	3,996	3,960	4,016	4,134	4,349	4,794	5,082	5,333	5,646	5,916	6,089	6,222	6,405	6,576	6,579	6,416	6,289	6,100	5,897	5,643	5,155	4,694
08/26/10	4,374	4,081	3,952	3,918	3,975	4,095	4,315	4,753	5,039	5,280	5,588	5,855	6,027	6,161	6,342	6,509	6,508	6,351	6,226	6,042	5,844	5,592	5,103	4,644
08/27/10	4,267	4,110	4,049	3,966	3,920	3,996	4,375	4,732	5,023	5,249	5,495	5,843	5,957	6,174	6,332	6,396	6,475	6,359	6,079	5,887	5,715	5,461	5,007	4,686
08/28/10	3,879	3,730	3,556	3,498	3,411	3,494	3,583	3,825	4,161	4,477	4,782	4,950	5,185	5,284	5,431	5,566	5,591	5,480	5,339	5,279	5,088	4,860	4,509	4,157
08/29/10	3,726	3,570	3,427	3,374	3,302	3,294	3,335	3,537	3,813	4,120	4,364	4,597	4,802	4,954	5,075	5,237	5,245	5,225	5,116	5,097	4,999	4,706	4,324	3,898
08/30/10	4,115	3,992	3,746	3,702	3,836	3,966	4,303	4,593	4,938	5,175	5,454	5,629	5,896	6,044	6,218	6,354	6,362	6,303	6,051	5,898	5,742	5,518	5,016	4,515
08/31/10	4,294	4,010	3,883	3,848	3,904	4,029	4,255	4,681	4,958	5,200	5,496	5,753	5,924	6,058	6,236	6,404	6,409	6,250	6,122	5,946	5,755	5,501	5,018	4,561

APS Own Load Hourly mW Forecast

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Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
09/01/10	3,701	3,436	3,315	3,280	3,340	3,485	3,747	4,149	4,405	4,630	4,904	5,139	5,303	5,442	5,616	5,774	5,788	5,632	5,502	5,356	5,182	4,921	4,429	3,963
09/02/10	3,877	3,591	3,463	3,429	3,488	3,622	3,870	4,299	4,579	4,815	5,113	5,372	5,546	5,687	5,869	6,035	6,040	5,881	5,750	5,581	5,390	5,128	4,624	4,150
09/03/10	4,054	3,889	3,827	3,737	3,682	3,755	4,155	4,536	4,847	5,090	5,353	5,732	5,850	6,081	6,249	6,314	6,401	6,282	5,983	5,774	5,590	5,322	4,840	4,507
09/04/10	3,592	3,435	3,250	3,188	3,094	3,181	3,273	3,530	3,885	4,222	4,548	4,727	4,979	5,083	5,240	5,382	5,408	5,288	5,137	5,072	4,868	4,628	4,259	3,888
09/05/10	3,885	3,703	3,518	3,453	3,343	3,327	3,368	3,608	3,932	4,327	4,637	4,927	5,187	5,363	5,493	5,690	5,661	5,625	5,474	5,436	5,303	4,969	4,543	4,058
09/06/10	4,363	4,224	4,004	3,978	3,833	3,814	3,885	4,101	4,512	4,983	5,311	5,784	6,065	6,154	6,395	6,606	6,598	6,461	6,176	6,079	5,784	5,527	5,212	4,858
09/07/10	4,105	3,797	3,660	3,623	3,682	3,808	4,035	4,497	4,797	5,059	5,382	5,663	5,844	5,984	6,174	6,354	6,356	6,186	6,053	5,857	5,647	5,381	4,871	4,390
09/08/10	4,258	3,933	3,794	3,756	3,816	3,934	4,146	4,632	4,944	5,216	5,557	5,852	6,035	6,171	6,366	6,551	6,549	6,374	6,243	6,033	5,810	5,545	5,030	4,546
09/09/10	4,421	4,078	3,935	3,899	3,961	4,072	4,269	4,780	5,108	5,383	5,739	6,049	6,235	6,366	6,566	6,753	6,741	6,564	6,437	6,215	5,982	5,719	5,199	4,714
09/10/10	4,505	4,338	4,291	4,184	4,094	4,125	4,533	4,943	5,276	5,527	5,815	6,255	6,352	6,599	6,772	6,822	6,934	6,824	6,488	6,261	6,074	5,799	5,301	4,986
09/11/10	4,006	3,846	3,625	3,561	3,427	3,530	3,618	3,897	4,291	4,677	5,067	5,262	5,568	5,666	5,839	5,995	6,009	5,864	5,687	5,604	5,357	5,123	4,730	4,345
09/12/10	4,040	3,855	3,661	3,596	3,476	3,461	3,504	3,753	4,085	4,496	4,818	5,117	5,386	5,562	5,690	5,894	5,852	5,816	5,659	5,623	5,483	5,142	4,710	4,211
09/13/10	3,914	3,784	3,514	3,464	3,609	3,739	4,088	4,395	4,770	5,025	5,328	5,515	5,804	5,956	6,142	6,286	6,291	6,234	5,961	5,792	5,625	5,395	4,864	4,334
09/14/10	4,100	3,791	3,655	3,618	3,677	3,803	4,030	4,492	4,792	5,053	5,376	5,655	5,837	5,977	6,166	6,346	6,348	6,179	6,046	5,850	5,641	5,374	4,865	4,384
09/15/10	4,151	3,838	3,702	3,663	3,723	3,845	4,067	4,536	4,840	5,104	5,434	5,720	5,902	6,040	6,232	6,413	6,414	6,243	6,110	5,910	5,696	5,430	4,918	4,436
09/16/10	4,248	3,923	3,784	3,748	3,808	3,927	4,141	4,626	4,940	5,204	5,544	5,839	6,023	6,159	6,354	6,535	6,529	6,359	6,230	6,022	5,800	5,537	5,020	4,536
09/17/10	4,004	3,840	3,777	3,688	3,637	3,713	4,112	4,489	4,797	5,036	5,296	5,668	5,787	6,015	6,182	6,248	6,332	6,212	5,917	5,711	5,530	5,263	4,785	4,450
09/18/10	3,798	3,638	3,435	3,371	3,257	3,350	3,439	3,708	4,086	4,451	4,813	5,003	5,285	5,389	5,556	5,706	5,726	5,593	5,426	5,348	5,122	4,882	4,499	4,120
09/19/10	3,889	3,707	3,521	3,456	3,346	3,330	3,372	3,612	3,936	4,331	4,642	4,932	5,192	5,368	5,498	5,695	5,666	5,630	5,479	5,440	5,308	4,973	4,547	4,062
09/20/10	3,942	3,812	3,538	3,488	3,634	3,763	4,111	4,418	4,797	5,054	5,359	5,547	5,838	5,990	6,176	6,320	6,325	6,269	5,994	5,823	5,656	5,426	4,894	4,362
09/21/10	3,638	3,381	3,261	3,228	3,289	3,438	3,708	4,100	4,348	4,566	4,827	5,054	5,214	5,351	5,521	5,677	5,690	5,537	5,412	5,273	5,106	4,845	4,360	3,897
09/22/10	3,786	3,512	3,387	3,351	3,410	3,550	3,804	4,219	4,486	4,720	5,006	5,253	5,422	5,562	5,740	5,904	5,916	5,756	5,624	5,465	5,283	5,021	4,524	4,053
09/23/10	3,455	3,219	3,110	3,083	3,148	3,311	3,601	3,965	4,185	4,368	4,600	4,799	4,944	5,071	5,227	5,365	5,377	5,241	5,133	5,025	4,873	4,622	4,149	3,700
09/24/10	3,324	3,182	3,119	3,061	3,061	3,202	3,595	3,896	4,102	4,261	4,432	4,662	4,755	4,923	5,054	5,108	5,156	5,037	4,829	4,717	4,576	4,342	3,944	3,614
09/25/10	3,607	3,450	3,263	3,202	3,105	3,193	3,285	3,542	3,899	4,239	4,568	4,748	5,003	5,107	5,264	5,408	5,433	5,313	5,160	5,093	4,888	4,648	4,277	3,905
09/26/10	3,307	3,149	3,008	2,956	2,888	2,884	2,930	3,135	3,415	3,719	3,958	4,188	4,389	4,540	4,662	4,825	4,838	4,823	4,723	4,712	4,615	4,316	3,924	3,486
09/27/10	3,082	2,981	2,819	2,803	2,928	3,129	3,516	3,782	4,009	4,174	4,364	4,483	4,670	4,804	4,943	5,055	5,070	5,012	4,853	4,792	4,661	4,429	3,964	3,503
09/28/10	3,592	3,341	3,223	3,191	3,252	3,405	3,680	4,064	4,306	4,517	4,771	4,991	5,148	5,284	5,450	5,603	5,617	5,467	5,344	5,213	5,049	4,790	4,308	3,848
09/29/10	3,233	3,029	2,937	2,915	2,987	3,175	3,496	3,819	3,989	4,135	4,318	4,473	4,589	4,695	4,827	4,945	4,961	4,847	4,773	4,702	4,568	4,329	3,885	3,458
09/30/10	3,037	2,863	2,787	2,780	2,863	3,082	3,441	3,728	3,843	3,929	4,058	4,165	4,246	4,323	4,422	4,510	4,518	4,443	4,428	4,396	4,275	4,055	3,642	3,243
10/01/10	2,964	2,852	2,807	2,775	2,806	2,998	3,410	3,659	3,775	3,851	3,943	4,073	4,115	4,220	4,301	4,328	4,356	4,278	4,174	4,125	4,009	3,818	3,488	3,189
10/02/10	2,817	2,719	2,630	2,611	2,604	2,731	2,887	3,081	3,290	3,430	3,519	3,533	3,582	3,575	3,609	3,669	3,696	3,707	3,754	3,796	3,677	3,507	3,250	2,972
10/03/10	2,817	2,705	2,618	2,597	2,576	2,624	2,711	2,884	3,082	3,254	3,366	3,466	3,552	3,610	3,660	3,754	3,781	3,834	3,874	3,943	3,870	3,636	3,314	2,948
10/04/10	2,904	2,815	2,676	2,668	2,792	3,007	3,399	3,647	3,834	3,967	4,124	4,216	4,372	4,487	4,604	4,701	4,714	4,672	4,554	4,518	4,397	4,177	3,740	3,306
10/05/10	3,123	2,931	2,843	2,826	2,899	3,093	3,419	3,726	3,879	4,009	4,172	4,311	4,417	4,514	4,635	4,744	4,759	4,655	4,597	4,537	4,411	4,179	3,753	3,340
10/06/10	3,183	2,982	2,891	2,869	2,940	3,124	3,439	3,758	3,925	4,069	4,250	4,403	4,517	4,622	4,752	4,867	4,884	4,771	4,697	4,627	4,496	4,261	3,824	3,404
10/07/10	3,399	3,167	3,060	3,033	3,097	3,257	3,542	3,900	4,116	4,296	4,524	4,720	4,862	4,988	5,141	5,276	5,289	5,155	5,048	4,941	4,793	4,546	4,081	3,640
10/08/10	3,348	3,204	3,139	3,078	3,070	3,199	3,583	3,890	4,109	4,280	4,464	4,710	4,810	4,986	5,123	5,180	5,231	5,111	4,889	4,765	4,621	4,384	3,979	3,652
10/09/10	3,284	3,141	2,983	2,930	2,862	2,949	3,048	3,281	3,595	3,880	4,143	4,289	4,489	4,580	4,709	4,836	4,865	4,772	4,658	4,620	4,449	4,221	3,882	3,534
10/10/10	3,279	3,122	2,981	2,928	2,859	2,854	2,898	3,102	3,380	3,683	3,923	4,153	4,355	4,506	4,627	4,790	4,801	4,784	4,682	4,668	4,571	4,275	3,887	3,455
10/11/10	3,308	3,194	2,996	2,966	3,091	3,258	3,621	3,902	4,186	4,392	4,627	4,779	5,008	5,158	5,320	5,449	5,463	5,394	5,182	5,077	4,934	4,698	4,210	3,727
10/12/10	3,636	3,382	3,266	3,238	3,301	3,450	3,714	4,112	4,368	4,593	4,863	5,097	5,263	5,404	5,579	5,740	5,757	5,594	5,458	5,305	5,125	4,858	4,367	3,899
10/13/10	3,393	3,163	3,057	3,028	3,091	3,252	3,537	3,892	4,105	4,290	4,517	4,711	4,852	4,976	5,129	5,267	5,284	5,147	5,038	4,932	4,783	4,535	4,074	3,632
10/14/10	3,278	3,062	2,963	2,940	3,008	3,180	3,481	3,818	4,010	4,168	4,371	4,544	4,673	4,788	4,929	5,053	5,065	4,944	4,854	4,768	4,630	4,389	3,939	3,508
10/15/10	3,123	2,995	2,939	2,893	2,906	3,068	3,463	3,737	3,902	4,024	4,159	4,342	4,414	4,553	4,663	4,706	4,744	4,641	4,477	4,395	4,268	4,054	3,689	3,375
10/16/10	2,869	2,763	2,665	2,640	2,625	2,744	2,890	3,088	3,312	3,473	3,586	3,622	3,693	3,704	3,752	3,824	3,852	3,846	3,866	3,897	3,773	3,593	3,323	3,034
10/17/10	2,797	2,688	2,604	2,585	2,568	2,619	2,710	2,881	3,074	3,238	3,342	3,433	3,511	3,563	3,606	3,696	3,722	3,781	3,831	3,905	3,833	3,603	3,286	2,924
10/18/10	2,798	2,719	2,599	2,598	2,725	2,958	3,362	3,595	3,746	3,849	3,974	4,040	4,166	4,260	4,356	4,437	4,449	4,425	4,350	4,336	4,221	4,011	3,596	3,182
10/19/10	2,960	2,795	2,723	2,715	2,798	3,020	3,378	3,653	3,755	3,839	3,955	4,051	4,125	4,196	4,288	4,373	4,384	4,313	4,306	4,278	4,161	3,946	3,549	3,160
10/20/10	3,008	2,835	2,760	2,748	2,828	3,040	3,386	3,672	3,789	3,887	4,020	4,130	4,214	4,293	4,395	4,487	4,500	4,419	4,394	4,356	4,236	4,016	3,609	3,213
10/21/10	2,905	2,748	2,684	2,682	2,770	3,002	3,373	3,638	3,721	3,779	3,879	3,960	4,021	4,080	4,161	4,233	4,237	4,185	4,203	4,187	4,072	3,865	3,477	3,098
10/22/10	2,855	2,756	2,720	2,700	2,744	2,962	3,391	3,621	3,698	3,737	3,794	3,883	3,899	3,975	4,031	4,045	4,065	4,011	3,960	3,936	3,828	3,656	3,353	3,067
10/23/10	2,660	2,589	2,533	2,535	2,556	2,713	2,909	3,092	3,249	3,318	3,321	3,257	3,228	3,154	3,134	3,148	3,170	3,247	3,394	3,472	3,365	3,233	3,020	2,785
10/24/10	2,613	2,538	2,489	2,495	2,509	2,614	2,755	2,909	3,038	3,108	3,109	3,085	3,065	3,023	2,987	3,013	3,031	3,158	3,346	3,489	3,418	3,240	2,981	2,673
10/25/10	2,626	2,567	2,485	2,500	2,634	2,904	3,338	3,535	3,610	3,640	3,694	3,695	3,752	3,788	3,832	3,872	3,878	3,908	3,938	3,967	3,861	3,680	3,315	2,945
10/26/10	2,695	2,581	2,546	2,563	2,669	2,958	3,389	3,604	3,592	3,571	3,587	3,591	3,594	3,597	3,622	3,653	3,648	3,664	3,793	3,819	3,707	3,531	3,200	2,864
10/27/10	2,681	2,571	2,539	2,557	2,665	2,957	3,392	3,604	3,583	3,554	3,567	3,566	3,563	3,561	3,582	3,609	3,603	3,625	3,763	3,793	3,680	3,508	3,180	2,848
10/28/10	2,702	2,586	2,550	2,568	2,674	2,959	3,389	3,606	3,600	3,574	3,596	3,605	3,610	3,615	3,643	3,671	3,664	3,680	3,807	3,833	3,721	3,546	3,209	2,872
10/29/10	2,572	2,503	2,464	2,479	2,586	2,835	3,275	3,465	3,442	3,423	3,412	3,356	3,337	3,328	3,263	3,235	3,282	3,316	3,467	3,481	3,368	3,259	3,039	2,785
10/30/10	2,866	2,768	2,755	2,771	2,826	2,983	3,221	3,465	3,576	3,585	3,515	3,398	3,305	3,196	3,121	3,080	3,117	3,278	3,538	3,561	3,488	3,374	3,198	2,969
10/31/10	2,620	2,535	2,486	2,491	2,520	2,619	2,761	2,934	3,064	3,132	3,145	3,111	3,070	2,986	2,927	2,892	2,949	3,116	3,306	3,378	3,317	3,185	2,944	2,690

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
11/01/10	2,533	2,497	2,454	2,482	2,618	2,907	3,346	3,496	3,492	3,443	3,421	3,353	3,334	3,301	3,285	3,276	3,274	3,369	3,513	3,572	3,477	3,340	3,049	2,745
11/02/10	2,646	2,552	2,529	2,553	2,659	2,951	3,379	3,565	3,522	3,472	3,460	3,439	3,421	3,404	3,408	3,421	3,411	3,453	3,616	3,654	3,547	3,393	3,099	2,798
11/03/10	2,632	2,541	2,523	2,547	2,656	2,951	3,384	3,567	3,514	3,456	3,439	3,413	3,388	3,366	3,365	3,373	3,363	3,412	3,585	3,627	3,519	3,368	3,078	2,781
11/04/10	2,648	2,553	2,530	2,555	2,662	2,952	3,379	3,568	3,527	3,471	3,462	3,443	3,425	3,409	3,414	3,424	3,411	3,455	3,619	3,658	3,551	3,398	3,101	2,800
11/05/10	2,697	2,627	2,611	2,611	2,676	2,927	3,364	3,552	3,559	3,533	3,529	3,547	3,516	3,538	3,545	3,534	3,541	3,537	3,584	3,599	3,506	3,380	3,137	2,893
11/06/10	2,594	2,543	2,510	2,524	2,560	2,728	2,939	3,105	3,225	3,248	3,200	3,092	3,018	2,906	2,855	2,838	2,855	2,969	3,170	3,264	3,167	3,066	2,893	2,698
11/07/10	2,590	2,529	2,491	2,504	2,526	2,640	2,789	2,930	3,033	3,073	3,045	2,989	2,940	2,873	2,815	2,820	2,833	2,973	3,192	3,346	3,278	3,125	2,899	2,625
11/08/10	2,578	2,533	2,473	2,495	2,626	2,899	3,323	3,490	3,522	3,511	3,524	3,490	3,506	3,507	3,519	3,533	3,535	3,597	3,683	3,728	3,631	3,477	3,161	2,835
11/09/10	2,738	2,624	2,585	2,598	2,694	2,956	3,352	3,562	3,568	3,563	3,592	3,610	3,623	3,637	3,671	3,707	3,705	3,707	3,807	3,825	3,720	3,548	3,226	2,902
11/10/10	2,835	2,701	2,650	2,652	2,739	2,974	3,340	3,574	3,623	3,658	3,728	3,782	3,822	3,861	3,922	3,979	3,984	3,952	3,997	3,995	3,888	3,702	3,354	3,009
11/11/10	2,724	2,612	2,576	2,592	2,690	2,955	3,356	3,564	3,564	3,546	3,571	3,584	3,592	3,601	3,631	3,661	3,654	3,665	3,777	3,799	3,693	3,526	3,206	2,885
11/12/10	2,838	2,747	2,715	2,698	2,742	2,952	3,360	3,573	3,639	3,669	3,717	3,794	3,804	3,871	3,919	3,930	3,947	3,901	3,862	3,844	3,743	3,585	3,303	3,036
11/13/10	2,676	2,608	2,555	2,556	2,575	2,722	2,906	3,078	3,228	3,294	3,299	3,241	3,215	3,147	3,130	3,144	3,165	3,236	3,372	3,445	3,343	3,218	3,016	2,794
11/14/10	2,517	2,426	2,349	2,325	2,337	2,360	2,439	2,570	2,779	2,959	3,027	3,027	3,009	2,914	2,844	2,822	2,868	2,983	3,113	3,183	3,156	2,960	2,727	2,473
11/15/10	2,669	2,610	2,607	2,647	2,759	3,076	3,619	3,819	3,762	3,637	3,593	3,498	3,443	3,421	3,384	3,367	3,382	3,498	3,666	3,703	3,620	3,481	3,186	2,884
11/16/10	2,658	2,561	2,536	2,558	2,663	2,951	3,374	3,564	3,527	3,484	3,477	3,462	3,448	3,435	3,443	3,460	3,451	3,487	3,641	3,677	3,570	3,413	3,116	2,812
11/17/10	2,618	2,531	2,515	2,541	2,651	2,952	3,390	3,569	3,509	3,443	3,419	3,387	3,357	3,330	3,324	3,329	3,317	3,372	3,556	3,601	3,492	3,345	3,060	2,766
11/18/10	2,632	2,540	2,521	2,548	2,657	2,952	3,386	3,570	3,520	3,455	3,438	3,412	3,388	3,366	3,365	3,371	3,356	3,408	3,585	3,627	3,519	3,370	3,079	2,782
11/19/10	2,611	2,554	2,551	2,562	2,641	2,921	3,382	3,553	3,521	3,456	3,416	3,393	3,332	3,323	3,300	3,275	3,274	3,303	3,412	3,448	3,359	3,257	3,040	2,812
11/20/10	2,845	2,776	2,739	2,786	2,850	3,074	3,439	3,664	3,701	3,632	3,536	3,405	3,357	3,264	3,179	3,179	3,223	3,476	3,715	3,670	3,554	3,478	3,285	3,013
11/21/10	2,824	2,792	2,763	2,793	2,846	3,009	3,236	3,450	3,545	3,485	3,372	3,230	3,120	3,045	2,956	2,907	2,970	3,164	3,499	3,506	3,465	3,303	3,079	2,832
11/22/10	2,665	2,595	2,594	2,617	2,750	3,055	3,515	3,721	3,664	3,604	3,536	3,436	3,380	3,359	3,288	3,294	3,293	3,431	3,684	3,691	3,645	3,497	3,199	2,913
11/23/10	2,809	2,754	2,722	2,774	2,869	3,193	3,676	3,902	3,839	3,706	3,606	3,530	3,453	3,413	3,390	3,344	3,368	3,489	3,701	3,746	3,677	3,522	3,264	2,967
11/24/10	2,810	2,754	2,724	2,775	2,870	3,193	3,675	3,902	3,837	3,704	3,606	3,532	3,453	3,413	3,390	3,344	3,369	3,489	3,701	3,746	3,676	3,523	3,264	2,967
11/25/10	2,971	2,909	2,886	2,928	2,983	3,135	3,338	3,581	3,672	3,630	3,541	3,405	3,288	3,156	3,075	3,021	3,093	3,327	3,612	3,676	3,619	3,520	3,289	3,037
11/26/10	3,050	2,994	2,972	3,020	3,078	3,231	3,442	3,701	3,799	3,759	3,654	3,500	3,369	3,226	3,141	3,086	3,167	3,413	3,709	3,770	3,716	3,621	3,391	3,130
11/27/10	3,208	3,120	3,129	3,167	3,250	3,412	3,689	3,987	4,098	4,032	3,873	3,667	3,516	3,366	3,258	3,199	3,238	3,496	3,817	3,764	3,696	3,604	3,452	3,250
11/28/10	3,103	3,049	3,028	3,079	3,142	3,299	3,512	3,778	3,873	3,831	3,726	3,571	3,440	3,295	3,206	3,148	3,234	3,485	3,786	3,844	3,789	3,676	3,433	3,165
11/29/10	2,963	2,897	2,923	2,960	3,135	3,484	4,026	4,312	4,207	4,042	3,879	3,690	3,569	3,515	3,400	3,416	3,433	3,651	3,985	3,968	3,944	3,800	3,500	3,199
11/30/10	2,875	2,831	2,784	2,822	2,937	3,318	3,788	4,011	3,924	3,763	3,649	3,554	3,449	3,416	3,342	3,325	3,343	3,528	3,787	3,796	3,749	3,623	3,354	3,054
12/01/10	3,100	3,057	3,009	3,058	3,191	3,630	4,162	4,422	4,310	4,104	3,954	3,833	3,698	3,651	3,561	3,539	3,564	3,794	4,104	4,108	4,060	3,924	3,625	3,288
12/02/10	3,170	3,129	3,083	3,140	3,277	3,729	4,270	4,540	4,421	4,188	4,019	3,883	3,736	3,683	3,584	3,558	3,581	3,837	4,167	4,169	4,123	3,991	3,689	3,349
12/03/10	3,175	3,128	3,118	3,172	3,361	3,693	4,307	4,616	4,478	4,269	4,097	3,873	3,750	3,675	3,539	3,496	3,548	3,700	4,027	4,028	3,926	3,879	3,678	3,409
12/04/10	3,347	3,250	3,258	3,299	3,388	3,569	3,875	4,202	4,320	4,247	4,073	3,849	3,687	3,524	3,407	3,343	3,386	3,659	4,012	3,963	3,888	3,785	3,617	3,393
12/05/10	3,221	3,158	3,135	3,188	3,254	3,424	3,656	3,942	4,046	4,001	3,890	3,723	3,583	3,426	3,330	3,269	3,359	3,629	3,956	4,022	3,961	3,839	3,575	3,284
12/06/10	3,277	3,199	3,239	3,292	3,496	3,886	4,503	4,826	4,702	4,518	4,331	4,103	3,958	3,886	3,747	3,777	3,818	4,114	4,499	4,441	4,413	4,240	3,897	3,561
12/07/10	3,601	3,547	3,454	3,489	3,601	4,086	4,652	4,900	4,749	4,460	4,235	4,039	3,841	3,787	3,666	3,652	3,724	4,123	4,554	4,535	4,526	4,441	4,138	3,799
12/08/10	3,666	3,616	3,515	3,545	3,657	4,153	4,744	4,981	4,821	4,532	4,322	4,122	3,924	3,878	3,757	3,743	3,820	4,229	4,653	4,628	4,622	4,548	4,234	3,893
12/09/10	3,462	3,398	3,314	3,349	3,459	3,920	4,455	4,710	4,575	4,292	4,072	3,895	3,710	3,652	3,540	3,524	3,585	3,956	4,380	4,375	4,360	4,265	3,972	3,638
12/10/10	3,198	3,153	3,143	3,199	3,390	3,722	4,339	4,654	4,514	4,300	4,122	3,892	3,763	3,685	3,545	3,502	3,557	3,717	4,050	4,047	3,944	3,898	3,697	3,428
12/11/10	3,382	3,284	3,295	3,337	3,428	3,608	3,914	4,245	4,367	4,294	4,118	3,889	3,723	3,557	3,437	3,372	3,415	3,701	4,056	3,997	3,923	3,820	3,652	3,429
12/12/10	3,169	3,104	3,081	3,129	3,192	3,359	3,586	3,862	3,963	3,921	3,817	3,660	3,527	3,378	3,285	3,226	3,313	3,572	3,892	3,959	3,896	3,778	3,519	3,234
12/13/10	3,123	3,050	3,081	3,124	3,319	3,708	4,310	4,629	4,513	4,328	4,145	3,934	3,797	3,736	3,608	3,625	3,644	3,888	4,258	4,237	4,210	4,049	3,717	3,382
12/14/10	3,192	3,153	3,107	3,163	3,302	3,759	4,301	4,573	4,449	4,218	4,040	3,899	3,747	3,692	3,591	3,568	3,595	3,854	4,188	4,187	4,142	4,009	3,710	3,369
12/15/10	3,087	3,043	2,994	3,042	3,174	3,610	4,140	4,399	4,289	4,087	3,941	3,823	3,691	3,645	3,556	3,535	3,559	3,785	4,091	4,097	4,047	3,911	3,612	3,276
12/16/10	3,073	3,027	2,977	3,027	3,158	3,592	4,121	4,378	4,274	4,069	3,927	3,812	3,684	3,640	3,553	3,529	3,547	3,773	4,078	4,085	4,036	3,901	3,600	3,264
12/17/10	3,020	2,962	2,947	2,985	3,159	3,479	4,065	4,328	4,213	4,048	3,923	3,746	3,661	3,610	3,497	3,464	3,499	3,593	3,872	3,903	3,803	3,747	3,542	3,271
12/18/10	2,976	2,873	2,857	2,872	2,926	3,086	3,327	3,575	3,695	3,715	3,653	3,540	3,449	3,340	3,264	3,223	3,261	3,424	3,688	3,710	3,634	3,513	3,328	3,089
12/19/10	2,899	2,820	2,786	2,811	2,856	2,998	3,184	3,402	3,501	3,505	3,465	3,383	3,305	3,203	3,136	3,090	3,159	3,368	3,618	3,691	3,620	3,509	3,259	2,995
12/20/10	2,800	2,724	2,724	2,752	2,903	3,248	3,766	4,000	3,928	3,852	3,769	3,652	3,586	3,562	3,481	3,486	3,486	3,644	3,929	3,939	3,891	3,729	3,396	3,077
12/21/10	2,942	2,880	2,845	2,903	3,007	3,367	3,901	4,151	4,081	3,934	3,824	3,740	3,654	3,610	3,585	3,534	3,560	3,694	3,929	3,979	3,902	3,731	3,445	3,117
12/22/10	2,749	2,648	2,627	2,653	2,773	3,099	3,576	3,780	3,724	3,662	3,645	3,618	3,592	3,569	3,570	3,580	3,569	3,621	3,810	3,855	3,735	3,568	3,246	2,916
12/23/10	2,739	2,639	2,619	2,649	2,771	3,101	3,583	3,785	3,726	3,650	3,629	3,597	3,568	3,542	3,538	3,543	3,526	3,587	3,787	3,835	3,716	3,552	3,231	2,904
12/24/10	2,870	2,843	2,884	2,900	3,043	3,327	3,737	3,944	4,030	3,878	3,762	3,643	3,501	3,435	3,361	3,326	3,384	3,564	3,897	3,854	3,716	3,654	3,350	3,038
12/25/10	2,981	2,905	2,864	2,915	2,987	3,235	3,639	3,888	3,929	3,853	3,747	3,601	3,548	3,445	3,351	3,351	3,400	3,679	3,944	3,895	3,767	3,682	3,468	3,167
12/26/10	2,862	2,781	2,744	2,765	2,806	2,942	3,120	3,329	3,433	3,449	3,422	3,351	3,282	3,185	3,120	3,076	3,143	3,344	3,582	3,656	3,585	3,471	3,222	2,958
12/27/10	2,786	2,721	2,718	2,762	2,886	3,237	3,838	4,060	3,996	3,858	3,809	3,705	3,644	3,619	3,578	3,559	3,576	3,705	3,890	3,931	3,840	3,686	3,359	3,025
12/28/10	2,950	2,898	2,843	2,881	3,001	3,407	3,916	4,153	4,069	3,913	3,806	3,716	3,613	3,582	3,508	3,491	3,509	3,693	3,963	3,977	3,922	3,780	3,484	3,154
12/29/10	2,988	2,939	2,887	2,926	3,050	3,465	3,980	4,224	4,131	3,961	3,845	3,748	3,635	3,600	3,523	3,504	3,524	3,720	3,999	4,011	3,957	3,817	3,520	3,188
12/30/10	3,018	2,968	2,917	2,962	3,089	3,510	4,031	4,280	4,185	3,998	3,873	3,770	3,653	3,615	3,534	3,511	3,528	3,737	4,026	4,037	3,985	3,848	3,548	3,215
12/31/10	3,013	2,941	2,913	2,950	3,002	3,159	3,368	3,615	3,715	3,690	3,610	3,486	3,375	3,250	3,172	3,121	3,197	3,433	3,720	3,793	3,725	3,632	3,391	3,121

APS Own Load Hourly mW Forecast

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Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
01/01/11	3,238	3,139	3,138	3,171	3,248	3,430	3,724	4,028	4,137	4,088	3,949	3,762	3,624	3,479	3,378	3,323	3,364	3,585	3,915	3,911	3,835	3,724	3,547	3,310
01/02/11	3,139	3,068	3,042	3,085	3,144	3,310	3,531	3,797	3,895	3,861	3,770	3,630	3,508	3,371	3,283	3,228	3,310	3,561	3,869	3,941	3,873	3,757	3,497	3,215
01/03/11	3,087	3,015	3,038	3,079	3,270	3,665	4,267	4,576	4,459	4,287	4,120	3,925	3,803	3,750	3,631	3,643	3,652	3,878	4,238	4,234	4,203	4,041	3,699	3,357
01/04/11	3,203	3,161	3,112	3,167	3,306	3,766	4,317	4,589	4,468	4,244	4,074	3,938	3,792	3,739	3,641	3,618	3,644	3,895	4,226	4,227	4,180	4,042	3,736	3,389
01/05/11	3,389	3,357	3,314	3,380	3,528	4,016	4,584	4,877	4,733	4,462	4,249	4,078	3,895	3,826	3,708	3,679	3,717	4,024	4,400	4,389	4,347	4,218	3,908	3,554
01/06/11	3,297	3,259	3,213	3,276	3,421	3,895	4,455	4,740	4,610	4,353	4,161	4,008	3,843	3,782	3,673	3,644	3,672	3,955	4,312	4,308	4,264	4,133	3,822	3,472
01/07/11	3,352	3,310	3,301	3,367	3,569	3,911	4,549	4,892	4,744	4,505	4,298	4,042	3,890	3,797	3,641	3,593	3,662	3,862	4,221	4,200	4,093	4,050	3,847	3,568
01/08/11	3,620	3,510	3,521	3,563	3,653	3,825	4,080	4,396	4,557	4,556	4,445	4,253	4,099	3,928	3,811	3,744	3,796	4,129	4,444	4,383	4,315	4,203	4,004	3,751
01/09/11	3,412	3,357	3,334	3,403	3,480	3,669	3,921	4,234	4,336	4,285	4,168	3,994	3,850	3,687	3,591	3,520	3,626	3,933	4,273	4,332	4,265	4,139	3,848	3,529
01/10/11	3,439	3,380	3,436	3,528	3,758	4,188	4,849	5,142	4,979	4,829	4,680	4,471	4,349	4,278	4,144	4,169	4,226	4,570	4,929	4,836	4,786	4,585	4,178	3,816
01/11/11	3,363	3,330	3,285	3,351	3,498	3,983	4,550	4,839	4,700	4,435	4,224	4,057	3,880	3,813	3,697	3,671	3,705	4,005	4,376	4,366	4,325	4,193	3,885	3,531
01/12/11	3,349	3,316	3,272	3,336	3,482	3,965	4,529	4,818	4,679	4,416	4,211	4,048	3,872	3,806	3,692	3,665	3,700	3,995	4,363	4,354	4,311	4,180	3,871	3,518
01/13/11	3,225	3,183	3,136	3,194	3,335	3,797	4,350	4,626	4,505	4,266	4,094	3,955	3,804	3,749	3,649	3,622	3,645	3,907	4,246	4,247	4,200	4,065	3,756	3,408
01/14/11	3,187	3,136	3,124	3,176	3,366	3,702	4,325	4,629	4,493	4,290	4,126	3,909	3,793	3,723	3,590	3,548	3,596	3,735	4,059	4,068	3,965	3,914	3,707	3,432
01/15/11	3,142	3,041	3,034	3,059	3,127	3,303	3,577	3,859	3,970	3,948	3,841	3,686	3,568	3,439	3,349	3,300	3,340	3,532	3,836	3,852	3,776	3,659	3,476	3,235
01/16/11	3,139	3,068	3,042	3,085	3,144	3,310	3,531	3,797	3,895	3,861	3,770	3,630	3,508	3,371	3,283	3,228	3,310	3,561	3,869	3,941	3,873	3,757	3,497	3,215
01/17/11	3,091	3,019	2,992	3,034	3,091	3,257	3,476	3,730	3,827	3,796	3,713	3,561	3,444	3,318	3,236	3,182	3,262	3,507	3,805	3,878	3,811	3,699	3,444	3,170
01/18/11	3,065	3,016	2,962	3,006	3,135	3,567	4,100	4,353	4,254	4,072	3,942	3,836	3,716	3,678	3,595	3,576	3,596	3,805	4,099	4,109	4,056	3,913	3,609	3,268
01/19/11	3,015	2,963	2,909	2,947	3,072	3,490	4,012	4,258	4,168	4,003	3,891	3,797	3,687	3,653	3,577	3,558	3,578	3,771	4,050	4,064	4,007	3,864	3,560	3,221
01/20/11	3,084	3,034	2,983	3,030	3,161	3,596	4,131	4,388	4,288	4,092	3,960	3,851	3,727	3,687	3,602	3,579	3,596	3,815	4,115	4,126	4,073	3,933	3,626	3,284
01/21/11	2,937	2,869	2,846	2,872	3,031	3,341	3,899	4,129	4,042	3,924	3,843	3,709	3,654	3,624	3,528	3,501	3,531	3,587	3,822	3,866	3,762	3,691	3,474	3,195
01/22/11	3,023	2,918	2,901	2,916	2,972	3,134	3,381	3,634	3,757	3,779	3,716	3,601	3,509	3,398	3,321	3,279	3,318	3,484	3,753	3,776	3,698	3,573	3,384	3,140
01/23/11	2,973	2,894	2,861	2,889	2,937	3,086	3,282	3,511	3,610	3,606	3,558	3,466	3,380	3,272	3,201	3,153	3,225	3,444	3,708	3,782	3,709	3,597	3,342	3,070
01/24/11	2,848	2,771	2,771	2,799	2,955	3,309	3,840	4,080	4,006	3,926	3,840	3,720	3,652	3,627	3,544	3,550	3,549	3,711	4,004	4,014	3,965	3,799	3,459	3,132
01/25/11	2,991	2,928	2,893	2,951	3,058	3,426	3,973	4,229	4,158	4,007	3,894	3,808	3,720	3,675	3,649	3,597	3,624	3,761	4,001	4,052	3,974	3,799	3,506	3,170
01/26/11	2,787	2,685	2,665	2,693	2,816	3,152	3,643	3,850	3,789	3,721	3,700	3,669	3,640	3,614	3,612	3,620	3,608	3,665	3,864	3,912	3,789	3,619	3,292	2,956
01/27/11	2,807	2,699	2,674	2,702	2,824	3,153	3,637	3,851	3,803	3,739	3,728	3,706	3,685	3,666	3,671	3,682	3,667	3,718	3,905	3,949	3,828	3,655	3,320	2,979
01/28/11	3,184	3,126	3,106	3,167	3,284	3,646	4,202	4,416	4,334	4,080	3,905	3,756	3,615	3,530	3,463	3,455	3,463	3,615	3,886	3,890	3,862	3,821	3,642	3,333
01/29/11	2,698	2,652	2,627	2,652	2,704	2,908	3,165	3,351	3,466	3,465	3,377	3,222	3,106	2,948	2,869	2,829	2,845	3,004	3,275	3,395	3,287	3,189	3,011	2,808
01/30/11	3,008	2,972	2,938	2,972	3,032	3,218	3,475	3,717	3,825	3,757	3,629	3,467	3,343	3,258	3,157	3,101	3,173	3,393	3,772	3,781	3,734	3,551	3,296	3,016
01/31/11	2,878	2,803	2,806	2,836	2,998	3,362	3,907	4,156	4,071	3,975	3,877	3,747	3,672	3,645	3,557	3,562	3,561	3,732	4,034	4,047	4,001	3,837	3,494	3,163
02/01/11	3,055	3,000	2,943	2,978	3,096	3,497	4,004	4,238	4,162	4,017	3,919	3,836	3,738	3,710	3,639	3,622	3,639	3,816	4,080	4,097	4,039	3,894	3,595	3,263
02/02/11	3,111	3,060	3,007	3,045	3,169	3,585	4,103	4,347	4,257	4,090	3,978	3,883	3,773	3,739	3,662	3,643	3,663	3,857	4,134	4,148	4,092	3,950	3,649	3,315
02/03/11	3,141	3,090	3,037	3,081	3,208	3,631	4,155	4,405	4,312	4,128	4,007	3,906	3,790	3,754	3,673	3,651	3,667	3,873	4,162	4,174	4,121	3,982	3,678	3,342
02/04/11	3,225	3,171	3,158	3,204	3,387	3,717	4,325	4,611	4,483	4,295	4,148	3,948	3,845	3,783	3,659	3,621	3,663	3,782	4,087	4,106	4,004	3,952	3,746	3,473
02/05/11	3,308	3,210	3,208	3,239	3,314	3,493	3,781	4,079	4,186	4,141	4,009	3,829	3,696	3,555	3,457	3,403	3,444	3,657	3,980	3,980	3,905	3,794	3,618	3,383
02/06/11	3,310	3,244	3,221	3,269	3,334	3,502	3,732	4,011	4,113	4,071	3,966	3,807	3,672	3,521	3,427	3,368	3,455	3,718	4,041	4,110	4,046	3,926	3,664	3,376
02/07/11	3,290	3,216	3,249	3,294	3,493	3,887	4,499	4,826	4,708	4,517	4,329	4,109	3,968	3,903	3,770	3,789	3,811	4,066	4,445	4,419	4,392	4,227	3,891	3,553
02/08/11	3,532	3,489	3,430	3,485	3,618	4,098	4,652	4,930	4,790	4,515	4,293	4,116	3,931	3,865	3,748	3,726	3,774	4,106	4,504	4,493	4,463	4,346	4,045	3,699
02/09/11	3,322	3,282	3,236	3,292	3,431	3,890	4,438	4,711	4,587	4,355	4,181	4,041	3,889	3,834	3,733	3,709	3,738	3,996	4,331	4,330	4,284	4,150	3,846	3,502
02/10/11	3,340	3,300	3,253	3,313	3,454	3,916	4,466	4,743	4,619	4,375	4,197	4,054	3,899	3,842	3,740	3,712	3,737	4,005	4,347	4,346	4,301	4,169	3,862	3,518
02/11/11	3,172	3,115	3,100	3,141	3,318	3,643	4,240	4,510	4,390	4,219	4,089	3,905	3,815	3,762	3,646	3,611	3,648	3,747	4,035	4,063	3,962	3,907	3,699	3,426
02/12/11	3,271	3,172	3,168	3,197	3,268	3,445	3,725	4,014	4,122	4,088	3,967	3,800	3,674	3,539	3,445	3,394	3,434	3,636	3,949	3,957	3,882	3,769	3,591	3,354
02/13/11	3,134	3,059	3,030	3,065	3,117	3,274	3,480	3,722	3,818	3,797	3,730	3,617	3,516	3,397	3,320	3,269	3,345	3,575	3,857	3,929	3,859	3,748	3,495	3,222
02/14/11	3,053	2,983	2,994	3,029	3,203	3,581	4,150	4,422	4,318	4,186	4,057	3,901	3,807	3,770	3,670	3,676	3,678	3,870	4,194	4,205	4,167	4,008	3,666	3,332
02/15/11	3,072	3,018	2,962	2,998	3,119	3,525	4,036	4,273	4,192	4,041	3,938	3,850	3,749	3,719	3,646	3,630	3,647	3,829	4,097	4,113	4,056	3,912	3,612	3,279
02/16/11	3,075	3,022	2,967	3,003	3,123	3,529	4,040	4,278	4,195	4,042	3,941	3,854	3,751	3,720	3,648	3,630	3,648	3,831	4,100	4,115	4,058	3,915	3,614	3,281
02/17/11	3,037	2,979	2,922	2,957	3,073	3,468	3,970	4,203	4,133	3,987	3,898	3,821	3,726	3,700	3,632	3,612	3,624	3,800	4,061	4,080	4,020	3,877	3,576	3,245
02/18/11	2,876	2,810	2,803	2,813	2,899	3,206	3,717	3,912	3,885	3,820	3,784	3,768	3,706	3,703	3,684	3,659	3,659	3,685	3,793	3,829	3,728	3,608	3,359	3,100
02/19/11	3,120	3,042	3,001	3,053	3,126	3,377	3,785	4,037	4,079	4,002	3,894	3,747	3,693	3,590	3,494	3,494	3,543	3,826	4,094	4,045	3,915	3,829	3,613	3,308
02/20/11	3,097	3,061	3,028	3,061	3,121	3,304	3,558	3,797	3,904	3,837	3,711	3,551	3,428	3,344	3,244	3,189	3,260	3,477	3,852	3,861	3,814	3,634	3,382	3,105
02/21/11	2,763	2,725	2,679	2,712	2,865	3,193	3,688	3,851	3,840	3,778	3,745	3,663	3,634	3,590	3,566	3,551	3,548	3,661	3,835	3,904	3,798	3,647	3,327	2,990
02/22/11	3,080	3,018	2,983	3,041	3,147	3,510	4,051	4,304	4,233	4,084	3,973	3,888	3,801	3,756	3,731	3,679	3,706	3,841	4,079	4,129	4,052	3,879	3,590	3,257
02/23/11	2,904	2,798	2,772	2,797	2,915	3,239	3,714	3,926	3,880	3,827	3,819	3,800	3,781	3,764	3,771	3,787	3,777	3,821	3,998	4,039	3,919	3,746	3,414	3,075
02/24/11	2,914	2,804	2,776	2,802	2,920	3,240	3,713	3,928	3,891	3,836	3,833	3,819	3,804	3,792	3,803	3,818	3,805	3,847	4,020	4,060	3,940	3,766	3,428	3,087
02/25/11	2,948	2,870	2,854	2,854	2,928	3,211	3,703	3,911	3,917	3,885	3,878	3,895	3,858	3,880	3,886	3,873	3,880	3,879	3,935	3,953	3,849	3,710	3,440	3,167
02/26/11	2,799	2,751	2,724	2,748	2,797	2,996	3,247	3,431	3,549	3,552	3,472	3,325	3,216	3,066	2,991	2,955	2,972	3,124	3,384	3,499	3,392	3,292	3,113	2,909
02/27/11	2,787	2,732	2,702	2,727	2,764	2,915	3,105	3,257	3,347	3,355	3,281	3,170	3,074	2,958	2,857	2,834	2,844	3,029	3,335	3,535	3,456	3,306	3,078	2,794
02/28/11	2,923	2,857	2,854	2,898	3,024	3,378	3,987	4,211	4,147	4,008	3,957	3,852	3,790	3,766	3,724	3,705	3,722	3,852	4,040	4,082	3,989	3,833	3,502	3,164

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
03/01/11	2,822	2,766	2,734	2,786	2,881	3,208	3,693	3,921	3,857	3,724	3,623	3,547	3,469	3,429	3,406	3,360	3,384	3,505	3,719	3,764	3,694	3,539	3,279	2,981
03/02/11	2,822	2,766	2,736	2,787	2,882	3,208	3,692	3,921	3,856	3,722	3,623	3,548	3,469	3,429	3,406	3,359	3,384	3,506	3,719	3,764	3,694	3,540	3,279	2,980
03/03/11	2,822	2,765	2,734	2,788	2,883	3,209	3,694	3,923	3,861	3,721	3,623	3,548	3,470	3,430	3,407	3,357	3,378	3,503	3,718	3,765	3,695	3,542	3,279	2,981
03/04/11	2,993	2,941	2,923	2,978	3,082	3,403	3,897	4,087	4,014	3,789	3,633	3,501	3,375	3,300	3,240	3,233	3,240	3,375	3,616	3,620	3,595	3,558	3,399	3,125
03/05/11	2,811	2,716	2,698	2,707	2,752	2,891	3,101	3,316	3,432	3,467	3,426	3,337	3,264	3,171	3,105	3,070	3,104	3,247	3,474	3,490	3,419	3,307	3,137	2,921
03/06/11	2,832	2,763	2,735	2,763	2,807	2,944	3,122	3,332	3,418	3,408	3,358	3,268	3,186	3,085	3,020	2,976	3,041	3,241	3,483	3,549	3,485	3,385	3,158	2,916
03/07/11	2,798	2,735	2,744	2,776	2,933	3,272	3,783	4,028	3,934	3,815	3,699	3,559	3,474	3,441	3,352	3,357	3,359	3,531	3,822	3,832	3,798	3,655	3,348	3,048
03/08/11	2,868	2,823	2,775	2,812	2,925	3,304	3,773	3,995	3,911	3,755	3,647	3,556	3,454	3,422	3,351	3,335	3,352	3,531	3,786	3,797	3,749	3,621	3,351	3,050
03/09/11	3,029	3,014	2,994	3,064	3,209	3,638	4,148	4,412	4,295	4,086	3,928	3,799	3,659	3,602	3,505	3,474	3,487	3,698	3,979	3,970	3,917	3,785	3,501	3,183
03/10/11	2,913	2,869	2,823	2,866	2,983	3,371	3,848	4,077	3,987	3,810	3,690	3,591	3,480	3,444	3,367	3,346	3,362	3,559	3,828	3,836	3,790	3,666	3,393	3,090
03/11/11	2,865	2,810	2,795	2,827	2,982	3,270	3,795	4,025	3,925	3,785	3,681	3,530	3,460	3,418	3,320	3,292	3,321	3,397	3,640	3,672	3,581	3,529	3,341	3,094
03/12/11	2,864	2,771	2,757	2,771	2,822	2,968	3,190	3,418	3,525	3,539	3,479	3,373	3,288	3,187	3,117	3,079	3,114	3,264	3,506	3,527	3,458	3,349	3,182	2,965
03/13/11	2,819	2,749	2,720	2,747	2,790	2,925	3,101	3,307	3,395	3,388	3,341	3,256	3,176	3,078	3,014	2,970	3,035	3,232	3,470	3,536	3,472	3,372	3,146	2,904
03/14/11	2,680	2,621	2,618	2,658	2,771	3,090	3,636	3,838	3,780	3,655	3,610	3,515	3,459	3,438	3,400	3,383	3,398	3,515	3,683	3,721	3,638	3,498	3,201	2,897
03/15/11	2,822	2,766	2,734	2,786	2,881	3,208	3,693	3,921	3,857	3,724	3,623	3,547	3,469	3,429	3,406	3,360	3,384	3,505	3,719	3,764	3,694	3,539	3,279	2,981
03/16/11	2,822	2,766	2,736	2,787	2,882	3,208	3,692	3,921	3,856	3,722	3,623	3,548	3,469	3,429	3,406	3,359	3,384	3,506	3,719	3,764	3,694	3,540	3,279	2,980
03/17/11	2,822	2,765	2,734	2,788	2,883	3,209	3,694	3,923	3,861	3,721	3,623	3,548	3,470	3,430	3,407	3,357	3,378	3,503	3,718	3,765	3,695	3,542	3,279	2,981
03/18/11	2,993	2,941	2,923	2,978	3,082	3,403	3,897	4,087	4,014	3,789	3,633	3,501	3,375	3,300	3,240	3,233	3,240	3,375	3,616	3,620	3,595	3,558	3,399	3,125
03/19/11	2,554	2,515	2,495	2,519	2,566	2,750	2,981	3,145	3,245	3,239	3,156	3,014	2,906	2,761	2,688	2,649	2,663	2,808	3,056	3,163	3,068	2,983	2,828	2,651
03/20/11	2,560	2,510	2,483	2,505	2,537	2,672	2,842	2,979	3,060	3,069	3,004	2,906	2,822	2,719	2,629	2,610	2,619	2,784	3,057	3,235	3,164	3,029	2,823	2,567
03/21/11	2,680	2,621	2,618	2,658	2,771	3,090	3,636	3,838	3,780	3,655	3,610	3,515	3,459	3,438	3,400	3,383	3,398	3,515	3,683	3,721	3,638	3,498	3,201	2,897
03/22/11	2,696	2,593	2,563	2,582	2,684	2,965	3,381	3,579	3,557	3,526	3,532	3,528	3,524	3,520	3,537	3,561	3,555	3,578	3,715	3,744	3,638	3,475	3,167	2,854
03/23/11	2,652	2,559	2,539	2,562	2,670	2,964	3,396	3,583	3,535	3,481	3,468	3,446	3,424	3,405	3,408	3,419	3,409	3,454	3,621	3,661	3,553	3,399	3,105	2,804
03/24/11	2,672	2,574	2,549	2,572	2,678	2,965	3,390	3,583	3,549	3,500	3,497	3,484	3,471	3,459	3,469	3,483	3,471	3,509	3,664	3,700	3,593	3,437	3,134	2,827
03/25/11	2,658	2,595	2,587	2,593	2,666	2,936	3,389	3,568	3,553	3,504	3,479	3,474	3,425	3,430	3,420	3,400	3,403	3,418	3,500	3,528	3,436	3,323	3,094	2,857
03/26/11	2,624	2,569	2,530	2,541	2,573	2,737	2,943	3,111	3,239	3,273	3,237	3,141	3,078	2,976	2,933	2,924	2,942	3,046	3,232	3,322	3,223	3,116	2,934	2,731
03/27/11	2,574	2,519	2,489	2,508	2,536	2,664	2,827	2,966	3,055	3,074	3,022	2,938	2,867	2,776	2,697	2,686	2,697	2,854	3,108	3,278	3,208	3,067	2,853	2,590
03/28/11	2,701	2,639	2,548	2,558	2,682	2,925	3,326	3,526	3,622	3,676	3,751	3,775	3,853	3,908	3,968	4,021	4,028	4,037	4,029	4,043	3,939	3,757	3,394	3,028
03/29/11	2,860	2,723	2,668	2,670	2,756	2,991	3,356	3,594	3,649	3,691	3,763	3,821	3,865	3,908	3,972	4,033	4,038	4,001	4,041	4,036	3,929	3,739	3,386	3,037
03/30/11	2,860	2,723	2,670	2,671	2,757	2,991	3,356	3,593	3,648	3,689	3,764	3,822	3,866	3,908	3,972	4,032	4,038	4,002	4,041	4,037	3,929	3,739	3,386	3,037
03/31/11	2,769	2,649	2,608	2,620	2,716	2,973	3,365	3,582	3,599	3,595	3,635	3,661	3,680	3,699	3,738	3,776	3,772	3,770	3,862	3,877	3,771	3,597	3,265	2,935
04/01/11	2,882	2,801	2,778	2,770	2,827	3,064	3,495	3,697	3,731	3,729	3,748	3,792	3,779	3,821	3,847	3,846	3,857	3,834	3,843	3,844	3,746	3,603	3,339	3,080
04/02/11	2,812	2,741	2,684	2,683	2,700	2,848	3,032	3,207	3,364	3,437	3,449	3,396	3,376	3,312	3,299	3,317	3,339	3,406	3,536	3,607	3,503	3,373	3,164	2,934
04/03/11	2,713	2,650	2,612	2,626	2,648	2,765	2,916	3,060	3,165	3,205	3,175	3,118	3,068	2,999	2,939	2,944	2,958	3,100	3,324	3,481	3,412	3,256	3,027	2,748
04/04/11	2,679	2,637	2,584	2,609	2,745	3,030	3,469	3,630	3,646	3,617	3,614	3,564	3,564	3,550	3,549	3,553	3,553	3,631	3,745	3,798	3,701	3,551	3,241	2,920
04/05/11	2,751	2,660	2,640	2,667	2,778	3,081	3,524	3,709	3,653	3,592	3,570	3,541	3,515	3,491	3,488	3,497	3,484	3,536	3,717	3,760	3,650	3,497	3,205	2,903
04/06/11	2,785	2,687	2,662	2,683	2,790	3,080	3,509	3,704	3,667	3,623	3,620	3,607	3,593	3,580	3,590	3,607	3,599	3,634	3,789	3,824	3,716	3,556	3,252	2,941
04/07/11	2,881	2,827	2,775	2,805	2,908	3,262	3,713	3,921	3,862	3,737	3,661	3,595	3,512	3,490	3,429	3,412	3,423	3,577	3,811	3,829	3,774	3,643	3,370	3,070
04/08/11	3,098	3,051	3,040	3,085	3,255	3,556	4,113	4,382	4,262	4,083	3,940	3,749	3,648	3,587	3,470	3,434	3,475	3,595	3,881	3,892	3,800	3,754	3,567	3,320
04/09/11	2,900	2,803	2,781	2,788	2,831	2,967	3,173	3,384	3,508	3,554	3,523	3,440	3,371	3,281	3,217	3,182	3,217	3,359	3,581	3,593	3,520	3,404	3,231	3,013
04/10/11	2,815	2,738	2,698	2,712	2,746	2,859	3,012	3,192	3,298	3,332	3,323	3,273	3,220	3,137	3,079	3,042	3,100	3,275	3,477	3,545	3,482	3,370	3,141	2,899
04/11/11	2,661	2,623	2,577	2,604	2,742	3,034	3,479	3,633	3,635	3,590	3,572	3,507	3,493	3,464	3,451	3,446	3,444	3,536	3,674	3,733	3,636	3,494	3,195	2,882
04/12/11	2,835	2,725	2,691	2,706	2,808	3,083	3,495	3,702	3,693	3,675	3,693	3,699	3,703	3,708	3,734	3,765	3,760	3,773	3,893	3,918	3,810	3,640	3,321	2,998
04/13/11	2,937	2,881	2,850	2,902	2,998	3,327	3,817	4,048	3,983	3,847	3,747	3,671	3,592	3,550	3,528	3,480	3,506	3,628	3,844	3,890	3,819	3,663	3,399	3,097
04/14/11	2,820	2,712	2,681	2,700	2,804	3,083	3,500	3,704	3,689	3,656	3,669	3,670	3,669	3,669	3,690	3,713	3,704	3,727	3,860	3,889	3,781	3,616	3,299	2,980
04/15/11	3,109	3,057	3,039	3,094	3,200	3,525	4,024	4,216	4,143	3,914	3,757	3,624	3,496	3,420	3,360	3,353	3,360	3,496	3,740	3,744	3,718	3,681	3,521	3,243
04/16/11	2,755	2,696	2,652	2,660	2,689	2,849	3,051	3,222	3,358	3,403	3,380	3,294	3,242	3,149	3,114	3,112	3,131	3,226	3,399	3,485	3,384	3,269	3,079	2,867
04/17/11	2,727	2,661	2,619	2,630	2,649	2,760	2,905	3,050	3,162	3,212	3,194	3,149	3,111	3,052	3,002	3,014	3,030	3,164	3,372	3,521	3,453	3,291	3,055	2,770
04/18/11	2,734	2,683	2,612	2,630	2,760	3,027	3,450	3,631	3,685	3,696	3,731	3,717	3,755	3,775	3,804	3,832	3,836	3,879	3,934	3,970	3,870	3,703	3,366	3,021
04/19/11	2,906	2,781	2,735	2,743	2,837	3,092	3,482	3,706	3,732	3,745	3,793	3,826	3,852	3,878	3,925	3,972	3,973	3,958	4,035	4,045	3,937	3,755	3,416	3,078
04/20/11	2,891	2,770	2,728	2,737	2,832	3,090	3,483	3,704	3,722	3,729	3,772	3,801	3,822	3,843	3,886	3,929	3,930	3,921	4,006	4,019	3,911	3,732	3,396	3,061
04/21/11	2,887	2,765	2,723	2,735	2,831	3,090	3,485	3,706	3,724	3,723	3,764	3,792	3,812	3,832	3,873	3,912	3,909	3,905	3,996	4,010	3,903	3,726	3,390	3,055
04/22/11	2,923	2,836	2,808	2,795	2,846	3,072	3,495	3,704	3,754	3,768	3,802	3,863	3,862	3,917	3,954	3,959	3,973	3,938	3,923	3,914	3,814	3,662	3,387	3,122
04/23/11	2,824	2,751	2,691	2,689	2,703	2,848	3,028	3,205	3,366	3,445	3,464	3,418	3,405	3,347	3,339	3,361	3,383	3,444	3,565	3,634	3,529	3,395	3,182	2,949
04/24/11	2,852	2,760	2,693	2,683	2,678	2,746	2,850	3,008	3,170	3,293	3,356	3,402	3,442	3,460	3,474	3,538	3,561	3,641	3,738	3,833	3,766	3,563	3,280	2,952
04/25/11	2,926	2,850	2,735	2,735	2,856	3,080	3,469	3,691	3,835	3,932	4,051	4,114	4,233	4,322	4,414	4,491	4,502	4,480	4,409	4,397	4,287	4,086	3,689	3,292
04/26/11	3,093	2,934	2,864	2,856	2,935	3,146	3,487	3,753	3,854	3,937	4,051	4,145	4,219	4,288	4,378	4,462	4,472	4,402	4,392	4,363	4,251	4,043	3,660	3,286
04/27/11	3,107	2,945	2,876	2,866	2,944	3,151	3,489	3,757	3,862	3,949	4,069	4,168	4,244	4,315	4,408	4,493	4,505	4,432	4,416	4,385	4,271	4,063	3,677	3,301
04/28/11	3,387	3,160	3,046	3,006	3,053	3,198	3,466	3,774	3,945	4,083	4,264	4,416	4,524	4,619	4,739	4,842	4,836	4,755	4,703	4,654	4,557	4,363	3,966	3,589
04/29/11	3,503	3,343	3,261	3,180	3,149	3,246	3,593	3,878	4,084	4,241	4,411	4,645	4,729	4,887	5,006	5,046	5,080	5,001	4,815	4,723	4,619	4,426	4,068	3,791
04/30/11	3,087	2,975	2,865	2,833	2,805	2,908	3,033	3,231	3,468	3,656	3,804	3,871	3,974	4,010	4,079	4,165	4,194	4,162	4,141	4,153	4,024	3,837	3,559	3,264

APS Own Load Hourly mW Forecast

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Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
05/01/11	3,194	3,057	2,946	2,912	2,875	2,905	2,982	3,178	3,421	3,651	3,817	3,973	4,108	4,208	4,291	4,419	4,447	4,478	4,467	4,512	4,428	4,152	3,779	3,358
05/02/11	3,336	3,227	3,050	3,031	3,164	3,376	3,786	4,072	4,321	4,503	4,711	4,843	5,049	5,194	5,345	5,468	5,484	5,420	5,243	5,173	5,032	4,783	4,282	3,788
05/03/11	3,310	3,118	3,032	3,018	3,103	3,329	3,701	4,016	4,153	4,268	4,418	4,544	4,641	4,732	4,847	4,952	4,966	4,872	4,836	4,790	4,659	4,417	3,970	3,536
05/04/11	3,380	3,177	3,086	3,067	3,148	3,362	3,719	4,048	4,205	4,338	4,510	4,655	4,764	4,865	4,993	5,107	5,123	5,016	4,959	4,900	4,764	4,516	4,056	3,612
05/05/11	3,236	3,055	2,977	2,971	3,061	3,300	3,687	3,988	4,103	4,187	4,317	4,424	4,506	4,583	4,685	4,774	4,781	4,708	4,701	4,671	4,543	4,311	3,876	3,453
05/06/11	3,026	2,931	2,902	2,890	2,951	3,212	3,696	3,929	3,977	3,984	4,015	4,075	4,067	4,123	4,159	4,161	4,176	4,142	4,137	4,133	4,021	3,854	3,548	3,251
05/07/11	2,875	2,804	2,750	2,757	2,786	2,964	3,186	3,382	3,542	3,601	3,585	3,498	3,449	3,353	3,320	3,324	3,346	3,445	3,628	3,721	3,606	3,471	3,250	3,005
05/08/11	2,845	2,766	2,714	2,723	2,740	2,858	3,015	3,181	3,317	3,386	3,380	3,345	3,316	3,264	3,219	3,242	3,261	3,404	3,619	3,778	3,701	3,511	3,235	2,905
05/09/11	2,835	2,777	2,696	2,716	2,864	3,167	3,645	3,850	3,912	3,925	3,965	3,949	3,993	4,016	4,050	4,082	4,086	4,135	4,196	4,236	4,123	3,934	3,552	3,161
05/10/11	2,981	2,849	2,805	2,819	2,931	3,232	3,688	3,931	3,937	3,932	3,966	3,986	4,001	4,016	4,055	4,098	4,095	4,097	4,212	4,233	4,112	3,914	3,543	3,170
05/11/11	3,010	2,873	2,826	2,836	2,944	3,237	3,682	3,932	3,952	3,959	4,007	4,039	4,062	4,086	4,134	4,182	4,183	4,173	4,270	4,286	4,163	3,961	3,581	3,202
05/12/11	3,238	3,056	2,979	2,972	3,062	3,301	3,688	3,989	4,104	4,189	4,320	4,427	4,509	4,587	4,689	4,778	4,786	4,712	4,704	4,674	4,546	4,314	3,878	3,456
05/13/11	3,265	3,140	3,088	3,051	3,081	3,283	3,727	4,002	4,137	4,229	4,338	4,489	4,541	4,661	4,755	4,788	4,820	4,730	4,605	4,546	4,418	4,206	3,841	3,512
05/14/11	3,136	3,021	2,913	2,886	2,869	2,997	3,155	3,371	3,614	3,791	3,916	3,956	4,035	4,048	4,102	4,180	4,211	4,203	4,223	4,256	4,121	3,925	3,631	3,316
05/15/11	3,137	3,008	2,904	2,875	2,845	2,885	2,969	3,161	3,391	3,602	3,748	3,883	3,999	4,083	4,154	4,270	4,299	4,342	4,355	4,413	4,332	4,066	3,703	3,292
05/16/11	3,213	3,113	2,955	2,943	3,077	3,305	3,726	4,000	4,215	4,371	4,551	4,661	4,840	4,971	5,106	5,216	5,231	5,179	5,037	4,990	4,856	4,614	4,132	3,654
05/17/11	3,479	3,261	3,159	3,137	3,213	3,413	3,755	4,101	4,286	4,445	4,640	4,807	4,933	5,048	5,189	5,317	5,334	5,210	5,129	5,051	4,909	4,652	4,178	3,722
05/18/11	3,645	3,403	3,292	3,261	3,332	3,512	3,828	4,205	4,425	4,617	4,852	5,053	5,199	5,330	5,491	5,635	5,654	5,510	5,399	5,293	5,137	4,870	4,375	3,901
05/19/11	3,604	3,367	3,257	3,231	3,303	3,487	3,810	4,181	4,395	4,572	4,799	4,992	5,135	5,263	5,419	5,557	5,570	5,435	5,333	5,235	5,082	4,820	4,327	3,857
05/20/11	3,578	3,427	3,358	3,296	3,295	3,444	3,863	4,186	4,408	4,579	4,764	5,013	5,114	5,294	5,435	5,494	5,545	5,418	5,194	5,072	4,921	4,670	4,242	3,890
05/21/11	3,481	3,331	3,172	3,119	3,056	3,154	3,269	3,514	3,836	4,121	4,377	4,517	4,710	4,797	4,923	5,052	5,085	4,998	4,897	4,869	4,695	4,455	4,100	3,732
05/22/11	3,468	3,305	3,163	3,110	3,045	3,046	3,099	3,313	3,602	3,907	4,147	4,376	4,577	4,729	4,852	5,018	5,037	5,028	4,937	4,935	4,836	4,525	4,114	3,656
05/23/11	3,652	3,526	3,306	3,271	3,408	3,585	3,977	4,285	4,601	4,830	5,091	5,261	5,515	5,679	5,857	5,999	6,013	5,938	5,703	5,582	5,425	5,168	4,635	4,106
05/24/11	3,819	3,555	3,431	3,397	3,464	3,629	3,926	4,330	4,583	4,803	5,069	5,298	5,463	5,605	5,780	5,941	5,957	5,799	5,670	5,535	5,364	5,089	4,577	4,089
05/25/11	3,912	3,636	3,510	3,473	3,538	3,696	3,982	4,401	4,667	4,899	5,182	5,426	5,597	5,743	5,925	6,091	6,106	5,943	5,807	5,659	5,479	5,202	4,682	4,188
05/26/11	4,282	3,948	3,792	3,741	3,789	3,912	4,148	4,613	4,912	5,161	5,482	5,759	5,935	6,071	6,256	6,425	6,425	6,280	6,169	6,001	5,814	5,561	5,047	4,566
05/27/11	4,165	3,978	3,895	3,791	3,731	3,807	4,215	4,594	4,898	5,133	5,388	5,752	5,867	6,091	6,253	6,312	6,382	6,280	6,002	5,822	5,662	5,408	4,935	4,605
05/28/11	4,093	3,922	3,703	3,635	3,511	3,612	3,707	3,994	4,399	4,791	5,180	5,384	5,687	5,797	5,976	6,137	6,157	6,015	5,835	5,751	5,508	5,253	4,843	4,438
05/29/11	4,057	3,866	3,675	3,607	3,497	3,479	3,523	3,772	4,112	4,519	4,841	5,144	5,413	5,600	5,741	5,945	5,924	5,886	5,730	5,689	5,554	5,202	4,753	4,244
05/30/11	3,926	3,752	3,558	3,507	3,406	3,393	3,452	3,677	4,079	4,529	4,840	5,206	5,442	5,558	5,781	5,987	6,060	5,987	5,757	5,707	5,508	5,220	4,798	4,367
05/31/11	3,835	3,569	3,445	3,411	3,477	3,641	3,936	4,343	4,598	4,821	5,089	5,321	5,487	5,631	5,807	5,968	5,984	5,825	5,695	5,558	5,385	5,109	4,596	4,107
06/01/11	4,042	3,764	3,637	3,600	3,662	3,808	4,074	4,495	4,765	5,002	5,291	5,540	5,712	5,856	6,037	6,204	6,217	6,054	5,919	5,761	5,577	5,307	4,798	4,315
06/02/11	3,786	3,537	3,422	3,393	3,459	3,623	3,917	4,298	4,533	4,729	4,977	5,190	5,343	5,477	5,642	5,788	5,800	5,656	5,540	5,421	5,261	5,000	4,508	4,042
06/03/11	3,702	3,550	3,482	3,417	3,408	3,541	3,943	4,267	4,500	4,682	4,877	5,139	5,245	5,431	5,576	5,637	5,691	5,564	5,329	5,196	5,044	4,795	4,368	4,024
06/04/11	3,505	3,362	3,211	3,160	3,102	3,197	3,309	3,544	3,852	4,123	4,365	4,497	4,678	4,760	4,879	5,002	5,034	4,953	4,859	4,835	4,669	4,439	4,098	3,744
06/05/11	3,344	3,202	3,082	3,041	2,994	3,011	3,074	3,270	3,524	3,776	3,968	4,149	4,307	4,427	4,525	4,665	4,690	4,703	4,657	4,680	4,595	4,313	3,937	3,515
06/06/11	3,348	3,245	3,079	3,063	3,192	3,400	3,800	4,073	4,304	4,473	4,667	4,788	4,980	5,117	5,259	5,374	5,389	5,330	5,169	5,107	4,973	4,734	4,255	3,782
06/07/11	3,465	3,262	3,169	3,150	3,226	3,427	3,767	4,091	4,255	4,395	4,569	4,717	4,830	4,934	5,063	5,179	5,195	5,084	5,019	4,954	4,821	4,577	4,128	3,693
06/08/11	3,231	3,067	2,999	2,994	3,085	3,327	3,713	3,991	4,079	4,149	4,256	4,343	4,409	4,471	4,558	4,638	4,648	4,587	4,599	4,580	4,459	4,240	3,833	3,435
06/09/11	3,200	3,040	2,975	2,976	3,069	3,318	3,713	3,986	4,064	4,116	4,212	4,290	4,348	4,405	4,484	4,555	4,559	4,511	4,540	4,528	4,408	4,195	3,793	3,400
06/10/11	3,376	3,249	3,195	3,153	3,175	3,358	3,780	4,056	4,206	4,313	4,435	4,603	4,665	4,795	4,897	4,936	4,970	4,873	4,728	4,658	4,530	4,315	3,949	3,625
06/11/11	3,358	3,227	3,096	3,055	3,014	3,120	3,246	3,469	3,747	3,976	4,167	4,262	4,400	4,457	4,549	4,654	4,686	4,633	4,583	4,583	4,434	4,219	3,901	3,567
06/12/11	3,345	3,202	3,082	3,042	2,995	3,011	3,074	3,270	3,524	3,777	3,968	4,150	4,309	4,428	4,527	4,667	4,691	4,704	4,658	4,681	4,596	4,314	3,938	3,516
06/13/11	3,557	3,441	3,246	3,218	3,348	3,532	3,917	4,207	4,487	4,691	4,924	5,074	5,302	5,455	5,618	5,749	5,764	5,693	5,486	5,389	5,244	4,998	4,494	3,997
06/14/11	3,746	3,504	3,390	3,360	3,426	3,595	3,894	4,267	4,494	4,691	4,928	5,133	5,283	5,414	5,575	5,722	5,738	5,593	5,479	5,365	5,209	4,947	4,463	3,999
06/15/11	3,821	3,570	3,453	3,420	3,485	3,646	3,935	4,321	4,559	4,768	5,022	5,239	5,395	5,531	5,699	5,850	5,867	5,717	5,594	5,468	5,305	5,041	4,549	4,079
06/16/11	4,042	3,763	3,635	3,601	3,663	3,809	4,076	4,498	4,771	5,001	5,290	5,540	5,712	5,857	6,038	6,202	6,210	6,051	5,919	5,762	5,578	5,310	4,798	4,315
06/17/11	3,947	3,784	3,714	3,636	3,609	3,716	4,118	4,471	4,748	4,965	5,197	5,515	5,636	5,848	6,009	6,077	6,145	6,014	5,742	5,571	5,402	5,138	4,679	4,330
06/18/11	3,879	3,717	3,527	3,463	3,366	3,456	3,551	3,815	4,181	4,528	4,863	5,047	5,306	5,414	5,575	5,722	5,748	5,625	5,469	5,402	5,193	4,946	4,565	4,183
06/19/11	3,868	3,690	3,522	3,458	3,367	3,352	3,394	3,622	3,937	4,300	4,589	4,863	5,106	5,281	5,416	5,604	5,599	5,568	5,431	5,398	5,279	4,951	4,528	4,053
06/20/11	4,434	4,301	3,993	3,938	4,099	4,222	4,576	4,896	5,310	5,583	5,916	6,115	6,432	6,583	6,778	6,928	6,928	6,880	6,580	6,393	6,217	5,990	5,434	4,876
06/21/11	4,247	3,946	3,811	3,773	3,834	3,970	4,218	4,670	4,964	5,221	5,535	5,808	5,990	6,135	6,326	6,504	6,511	6,341	6,203	6,019	5,817	5,543	5,024	4,532
06/22/11	4,268	3,965	3,830	3,791	3,852	3,986	4,232	4,687	4,982	5,240	5,559	5,835	6,017	6,162	6,353	6,532	6,539	6,369	6,230	6,044	5,839	5,566	5,045	4,553
06/23/11	4,337	4,025	3,888	3,851	3,912	4,044	4,284	4,751	5,055	5,312	5,639	5,922	6,107	6,252	6,446	6,624	6,624	6,456	6,321	6,127	5,917	5,645	5,120	4,626
06/24/11	4,638	4,467	4,414	4,312	4,235	4,287	4,707	5,120	5,458	5,716	6,006	6,437	6,548	6,798	6,974	7,035	7,141	7,023	6,692	6,459	6,263	5,979	5,468	5,132
06/25/11	4,297	4,132	3,906	3,839	3,702	3,808	3,899	4,185	4,591	4,988	5,388	5,589	5,903	6,004	6,182	6,343	6,357	6,209	6,026	5,942	5,688	5,446	5,042	4,646
06/26/11	4,922	4,734	4,501	4,446	4,281	4,276	4,311	4,604	4,973	5,457	5,824	6,174	6,488	6,680	6,809	7,071	6,977	6,938	6,736	6,737	6,591	6,203	5,723	5,133
06/27/11	4,732	4,597	4,235	4,169	4,344	4,445	4,782	5,098	5,538	5,813	6,169	6,365	6,700	6,835	7,027	7,172	7,171	7,155	6,838	6,666	6,507	6,316	5,768	5,213
06/28/11	4,557	4,224	4,080	4,042	4,103	4,226	4,447	4,945	5,267	5,547	5,894	6,197	6,387	6,527	6,727	6,918	6,915	6,736	6,601	6,385	6,157	5,883	5,354	4,856
06/29/11	4,533	4,203	4,061	4,022	4,083	4,206	4,428	4,923	5,242	5,519	5,867	6,168	6,357	6,497	6,697	6,886	6,885	6,707	6,571	6,358	6,131	5,858	5,328	4,830
06/30/11	4,298	3,990	3,854	3,818	3,879	4,012	4,256	4,717	5,017	5,271	5,594	5,873	6,057	6,202	6,394	6,571	6,573	6,405	6,270	6,081	5,874	5,602	5,078	4,585

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
07/01/11	4,350	4,196	4,136	4,054	4,009	4,084	4,457	4,807	5,092	5,315	5,556	5,897	6,010	6,222	6,377	6,440	6,517	6,403	6,129	5,940	5,772	5,522	5,076	4,760
07/02/11	4,295	4,145	3,946	3,885	3,769	3,861	3,944	4,201	4,564	4,918	5,271	5,453	5,729	5,824	5,985	6,128	6,144	6,014	5,852	5,776	5,553	5,330	4,966	4,607
07/03/11	4,364	4,191	4,012	3,951	3,843	3,828	3,868	4,098	4,407	4,786	5,084	5,361	5,610	5,776	5,896	6,085	6,051	6,017	5,872	5,837	5,709	5,391	4,988	4,525
07/04/11	4,768	4,643	4,437	4,414	4,276	4,258	4,327	4,533	4,917	5,356	5,664	6,114	6,380	6,460	6,687	6,885	6,875	6,743	6,473	6,377	6,103	5,866	5,578	5,251
07/05/11	5,009	4,665	4,525	4,490	4,550	4,643	4,804	5,317	5,642	5,921	6,273	6,581	6,757	6,871	7,066	7,253	7,238	7,054	6,932	6,711	6,479	6,233	5,744	5,288
07/06/11	4,891	4,560	4,423	4,388	4,447	4,545	4,719	5,214	5,528	5,799	6,143	6,442	6,617	6,735	6,926	7,108	7,098	6,923	6,801	6,585	6,359	6,112	5,625	5,168
07/07/11	4,853	4,524	4,388	4,355	4,414	4,514	4,693	5,183	5,496	5,759	6,099	6,396	6,571	6,691	6,881	7,059	7,046	6,876	6,757	6,545	6,321	6,075	5,586	5,129
07/08/11	5,071	4,917	4,884	4,779	4,679	4,689	5,073	5,471	5,792	6,031	6,312	6,754	6,836	7,077	7,248	7,288	7,409	7,296	6,950	6,730	6,552	6,283	5,805	5,512
07/09/11	5,130	4,990	4,721	4,662	4,459	4,600	4,667	4,931	5,336	5,738	6,165	6,340	6,701	6,765	6,927	7,124	7,114	6,907	6,700	6,663	6,386	6,198	5,805	5,423
07/10/11	5,297	5,135	4,901	4,870	4,684	4,676	4,668	4,963	5,329	5,815	6,186	6,569	6,910	7,127	7,281	7,599	7,489	7,433	7,159	7,210	7,114	6,714	6,225	5,590
07/11/11	5,225	5,148	4,747	4,706	4,929	5,028	5,332	5,642	6,108	6,395	6,800	7,007	7,388	7,535	7,748	7,914	7,878	7,837	7,423	7,292	7,144	6,981	6,437	5,880
07/12/11	4,942	4,606	4,466	4,432	4,491	4,588	4,757	5,259	5,579	5,854	6,199	6,502	6,678	6,795	6,987	7,172	7,159	6,980	6,858	6,640	6,412	6,165	5,677	5,220
07/13/11	4,775	4,456	4,322	4,286	4,344	4,448	4,634	5,111	5,416	5,680	6,013	6,303	6,477	6,599	6,787	6,965	6,959	6,789	6,667	6,459	6,240	5,992	5,506	5,050
07/14/11	4,757	4,438	4,304	4,271	4,329	4,433	4,622	5,097	5,403	5,660	5,992	6,280	6,455	6,579	6,765	6,940	6,930	6,765	6,645	6,439	6,222	5,975	5,487	5,031
07/15/11	4,765	4,610	4,564	4,469	4,394	4,435	4,818	5,200	5,511	5,747	6,015	6,417	6,515	6,745	6,908	6,960	7,061	6,954	6,645	6,430	6,251	5,991	5,522	5,218
07/16/11	4,406	4,255	4,048	3,987	3,860	3,958	4,040	4,302	4,673	5,037	5,404	5,588	5,876	5,967	6,130	6,277	6,290	6,153	5,986	5,909	5,676	5,456	5,087	4,725
07/17/11	4,572	4,397	4,206	4,147	4,024	4,013	4,054	4,296	4,614	5,016	5,327	5,616	5,876	6,042	6,159	6,360	6,307	6,273	6,121	6,092	5,956	5,628	5,217	4,734
07/18/11	4,397	4,275	4,009	3,961	4,101	4,219	4,544	4,834	5,197	5,441	5,734	5,913	6,192	6,332	6,508	6,644	6,647	6,598	6,334	6,169	6,011	5,798	5,296	4,793
07/19/11	4,583	4,283	4,153	4,118	4,174	4,287	4,492	4,940	5,231	5,483	5,796	6,068	6,241	6,370	6,551	6,724	6,722	6,560	6,437	6,243	6,039	5,789	5,307	4,854
07/20/11	4,633	4,328	4,198	4,162	4,219	4,329	4,528	4,984	5,278	5,533	5,853	6,131	6,303	6,430	6,614	6,787	6,785	6,621	6,498	6,300	6,091	5,842	5,359	4,904
07/21/11	4,683	4,372	4,239	4,206	4,263	4,372	4,567	5,031	5,332	5,584	5,909	6,191	6,365	6,491	6,675	6,848	6,840	6,678	6,558	6,357	6,144	5,897	5,411	4,956
07/22/11	4,082	3,934	3,870	3,798	3,772	3,868	4,235	4,559	4,813	5,013	5,227	5,519	5,630	5,825	5,972	6,035	6,098	5,979	5,729	5,571	5,416	5,174	4,754	4,436
07/23/11	4,168	4,018	3,830	3,770	3,666	3,752	3,836	4,087	4,438	4,777	5,112	5,290	5,551	5,649	5,804	5,944	5,964	5,841	5,686	5,614	5,405	5,180	4,822	4,467
07/24/11	3,885	3,728	3,583	3,528	3,453	3,442	3,481	3,683	3,961	4,274	4,524	4,761	4,970	5,124	5,246	5,410	5,414	5,390	5,275	5,252	5,151	4,858	4,479	4,055
07/25/11	3,934	3,820	3,613	3,578	3,700	3,848	4,187	4,464	4,761	4,973	5,217	5,375	5,611	5,757	5,919	6,048	6,059	5,994	5,773	5,652	5,510	5,284	4,806	4,332
07/26/11	4,173	3,917	3,800	3,767	3,822	3,955	4,196	4,583	4,833	5,052	5,316	5,545	5,704	5,836	6,002	6,156	6,166	6,017	5,894	5,746	5,577	5,330	4,865	4,424
07/27/11	4,381	4,102	3,979	3,944	3,999	4,120	4,342	4,760	5,032	5,269	5,562	5,816	5,982	6,114	6,290	6,453	6,459	6,303	6,177	6,004	5,816	5,567	5,092	4,642
07/28/11	4,306	4,034	3,913	3,880	3,936	4,061	4,290	4,698	4,964	5,189	5,473	5,719	5,884	6,017	6,189	6,347	6,350	6,200	6,077	5,914	5,732	5,485	5,011	4,564
07/29/11	4,564	4,409	4,355	4,266	4,206	4,264	4,644	5,011	5,312	5,544	5,800	6,175	6,282	6,504	6,663	6,722	6,811	6,702	6,411	6,206	6,030	5,774	5,315	5,005
07/30/11	4,673	4,525	4,296	4,236	4,083	4,195	4,276	4,545	4,932	5,314	5,708	5,890	6,206	6,285	6,450	6,609	6,613	6,458	6,281	6,209	5,953	5,744	5,365	4,998
07/31/11	4,657	4,483	4,286	4,228	4,100	4,091	4,131	4,378	4,700	5,111	5,427	5,721	5,986	6,152	6,268	6,474	6,415	6,381	6,224	6,200	6,063	5,730	5,314	4,822
08/01/11	4,574	4,447	4,151	4,098	4,253	4,370	4,707	5,013	5,410	5,671	5,991	6,181	6,485	6,629	6,815	6,958	6,958	6,913	6,625	6,446	6,277	6,062	5,531	4,998
08/02/11	4,920	4,576	4,433	4,397	4,458	4,564	4,750	5,262	5,590	5,872	6,226	6,536	6,720	6,845	7,044	7,234	7,223	7,042	6,915	6,691	6,457	6,197	5,688	5,210
08/03/11	4,855	4,519	4,378	4,341	4,401	4,509	4,701	5,204	5,525	5,803	6,154	6,459	6,641	6,769	6,966	7,153	7,146	6,967	6,840	6,620	6,389	6,130	5,621	5,143
08/04/11	4,595	4,284	4,149	4,114	4,173	4,292	4,510	4,975	5,277	5,532	5,858	6,141	6,321	6,457	6,646	6,821	6,817	6,653	6,525	6,327	6,116	5,856	5,351	4,876
08/05/11	4,823	4,660	4,612	4,512	4,434	4,477	4,879	5,278	5,603	5,851	6,131	6,552	6,655	6,896	7,066	7,121	7,227	7,114	6,791	6,566	6,379	6,106	5,615	5,297
08/06/11	4,741	4,586	4,345	4,282	4,121	4,240	4,324	4,605	5,011	5,413	5,826	6,017	6,348	6,431	6,604	6,771	6,775	6,611	6,425	6,350	6,082	5,863	5,466	5,082
08/07/11	4,797	4,614	4,404	4,345	4,205	4,197	4,238	4,502	4,843	5,281	5,617	5,931	6,214	6,389	6,509	6,733	6,663	6,627	6,457	6,438	6,294	5,941	5,500	4,974
08/08/11	4,920	4,803	4,455	4,400	4,583	4,687	5,016	5,327	5,764	6,038	6,395	6,592	6,928	7,066	7,260	7,409	7,397	7,367	7,037	6,859	6,691	6,497	5,954	5,404
08/09/11	4,917	4,574	4,430	4,394	4,455	4,561	4,748	5,260	5,587	5,869	6,223	6,532	6,716	6,842	7,040	7,230	7,220	7,038	6,911	6,688	6,454	6,194	5,685	5,207
08/10/11	5,822	5,347	5,146	5,076	5,118	5,110	5,118	5,759	6,159	6,490	6,897	7,264	7,424	7,486	7,713	7,914	7,911	7,658	7,504	7,337	7,152	6,955	6,487	6,070
08/11/11	5,521	5,082	4,894	4,831	4,872	4,902	4,973	5,561	5,923	6,216	6,597	6,934	7,092	7,165	7,366	7,549	7,568	7,374	7,267	7,082	6,882	6,680	6,210	5,785
08/12/11	4,775	4,612	4,562	4,464	4,389	4,436	4,837	5,233	5,557	5,803	6,081	6,496	6,601	6,840	7,009	7,065	7,168	7,056	6,738	6,514	6,327	6,056	5,567	5,248
08/13/11	4,991	4,840	4,578	4,516	4,328	4,462	4,541	4,823	5,239	5,653	6,085	6,272	6,627	6,700	6,872	7,057	7,052	6,865	6,664	6,605	6,323	6,116	5,711	5,320
08/14/11	4,813	4,630	4,419	4,361	4,220	4,212	4,253	4,518	4,859	5,299	5,636	5,951	6,235	6,410	6,531	6,756	6,684	6,648	6,478	6,459	6,316	5,961	5,520	4,991
08/15/11	4,888	4,770	4,427	4,372	4,552	4,657	4,986	5,297	5,730	6,003	6,357	6,553	6,886	7,024	7,217	7,365	7,354	7,323	6,998	6,818	6,650	6,454	5,912	5,363
08/16/11	5,014	4,661	4,515	4,479	4,541	4,642	4,818	5,345	5,680	5,968	6,330	6,648	6,832	6,954	7,156	7,349	7,335	7,148	7,021	6,792	6,553	6,294	5,783	5,305
08/17/11	4,854	4,518	4,377	4,340	4,400	4,508	4,701	5,203	5,524	5,802	6,153	6,458	6,640	6,768	6,965	7,152	7,144	6,966	6,838	6,619	6,388	6,129	5,620	5,142
08/18/11	4,659	4,341	4,205	4,170	4,229	4,346	4,558	5,032	5,340	5,599	5,932	6,220	6,401	6,536	6,727	6,904	6,899	6,732	6,605	6,401	6,185	5,925	5,418	4,943
08/19/11	4,795	4,632	4,582	4,484	4,408	4,453	4,854	5,252	5,576	5,823	6,102	6,519	6,623	6,863	7,033	7,088	7,192	7,080	6,760	6,536	6,349	6,077	5,587	5,268
08/20/11	4,586	4,430	4,201	4,138	3,992	4,101	4,187	4,466	4,863	5,255	5,654	5,846	6,163	6,252	6,425	6,584	6,593	6,441	6,261	6,181	5,924	5,699	5,307	4,926
08/21/11	4,611	4,428	4,229	4,166	4,039	4,027	4,070	4,322	4,655	5,075	5,400	5,702	5,974	6,147	6,270	6,479	6,425	6,390	6,230	6,199	6,058	5,715	5,284	4,781
08/22/11	4,175	4,049	3,805	3,761	3,896	4,034	4,382	4,679	5,024	5,265	5,545	5,723	5,992	6,145	6,323	6,462	6,471	6,408	6,154	6,003	5,845	5,612	5,098	4,587
08/23/11	4,681	4,362	4,224	4,188	4,247	4,363	4,573	5,050	5,358	5,625	5,958	6,247	6,428	6,562	6,753	6,936	6,933	6,761	6,633	6,426	6,208	5,946	5,442	4,966
08/24/11	4,842	4,507	4,366	4,329	4,389	4,498	4,692	5,192	5,512	5,789	6,139	6,443	6,625	6,753	6,950	7,137	7,130	6,952	6,824	6,606	6,376	6,116	5,607	5,130
08/25/11	4,552	4,246	4,112	4,077	4,136	4,257	4,478	4,937	5,236	5,487	5,809	6,088	6,267	6,404	6,591	6,765	6,763	6,599	6,471	6,278	6,069	5,810	5,305	4,832
08/26/11	4,430	4,269	4,207	4,119	4,069	4,145	4,537	4,907	5,209	5,444	5,700	6,064	6,181	6,406	6,569	6,634	6,717	6,599	6,308	6,107	5,929	5,666	5,196	4,867
08/27/11	4,237	4,080	3,879	3,816	3,704	3,796	3,883	4,148	4,520	4,879	5,236	5,424	5,701	5,803	5,968	6,116	6,135	6,004	5,839	5,763	5,539	5,304	4,927	4,555
08/28/11	3,988	3,819	3,660	3,601	3,515	3,502	3,542	3,758	4,056	4,398	4,671	4,929	5,158	5,324	5,453	5,630	5,628	5,599	5,471	5,441	5,329	5,018	4,615	4,164
08/29/11	3,862	3,746	3,540	3,508	3,633	3,796	4,156	4,440	4,735	4,949	5,192	5,350	5,586	5,738	5,903	6,035	6,048	5,979	5,759	5,645	5,499	5,263	4,769	4,281
08/30/11	4,357	4,072	3,943	3,907	3,965	4,096	4,335	4,763	5,042	5,285	5,582	5,840	6,013	6,152	6,333	6,502	6,509	6,347	6,216	6,043	5,852	5,591	5,096	4,628
08/31/11	4,420	4,129	3,999	3,962	4,020	4,147	4,379	4,817	5,101	5,349	5,656	5,922	6,096	6,234	6,418	6,589	6,595	6,432	6,300	6,119	5,922	5,662	5,164	4,694

APS Own Load Hourly mW Forecast

60

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
09/01/11	3,821	3,546	3,420	3,387	3,449	3,599	3,871	4,288	4,555	4,780	5,064	5,308	5,478	5,622	5,801	5,963	5,972	5,815	5,684	5,533	5,353	5,084	4,574	4,092
09/02/11	3,924	3,757	3,688	3,604	3,565	3,661	4,067	4,437	4,734	4,968	5,218	5,566	5,690	5,915	6,082	6,152	6,228	6,099	5,810	5,619	5,441	5,171	4,693	4,344
09/03/11	4,030	3,865	3,645	3,578	3,450	3,551	3,643	3,927	4,326	4,716	5,106	5,306	5,611	5,715	5,892	6,050	6,067	5,924	5,745	5,661	5,416	5,170	4,769	4,374
09/04/11	3,709	3,530	3,359	3,296	3,203	3,188	3,230	3,460	3,777	4,143	4,435	4,712	4,957	5,133	5,269	5,458	5,452	5,421	5,282	5,248	5,128	4,798	4,372	3,894
09/05/11	3,988	3,816	3,611	3,564	3,447	3,432	3,486	3,702	4,112	4,579	4,902	5,302	5,552	5,667	5,897	6,108	6,154	6,059	5,810	5,752	5,506	5,220	4,822	4,411
09/06/11	4,683	4,321	4,171	4,135	4,202	4,313	4,508	5,054	5,403	5,705	6,082	6,413	6,609	6,742	6,954	7,157	7,141	6,944	6,807	6,566	6,314	6,037	5,497	4,990
09/07/11	4,240	3,921	3,781	3,742	3,803	3,931	4,165	4,644	4,953	5,223	5,560	5,851	6,038	6,181	6,378	6,563	6,566	6,391	6,253	6,051	5,833	5,558	5,031	4,533
09/08/11	4,397	4,060	3,916	3,879	3,941	4,063	4,284	4,786	5,112	5,386	5,739	6,045	6,235	6,376	6,577	6,765	6,758	6,582	6,449	6,233	6,003	5,730	5,196	4,696
09/09/11	4,427	4,255	4,200	4,099	4,025	4,081	4,501	4,913	5,250	5,508	5,797	6,224	6,337	6,586	6,763	6,825	6,929	6,810	6,481	6,249	6,054	5,770	5,258	4,920
09/10/11	4,531	4,370	4,110	4,044	3,867	3,997	4,084	4,381	4,811	5,237	5,678	5,878	6,233	6,317	6,499	6,679	6,681	6,502	6,303	6,228	5,941	5,714	5,294	4,888
09/11/11	4,164	3,973	3,772	3,705	3,581	3,567	3,611	3,867	4,210	4,635	4,967	5,276	5,553	5,736	5,868	6,079	6,036	5,998	5,837	5,799	5,655	5,302	4,856	4,341
09/12/11	4,234	4,100	3,795	3,740	3,900	4,025	4,381	4,702	5,114	5,387	5,718	5,917	6,232	6,385	6,580	6,731	6,731	6,682	6,383	6,197	6,020	5,791	5,234	4,676
09/13/11	4,154	3,844	3,705	3,667	3,728	3,861	4,103	4,569	4,872	5,136	5,461	5,743	5,928	6,074	6,267	6,450	6,454	6,281	6,143	5,949	5,740	5,464	4,940	4,445
09/14/11	4,234	3,915	3,776	3,737	3,798	3,926	4,160	4,638	4,947	5,217	5,553	5,843	6,030	6,174	6,371	6,555	6,558	6,384	6,245	6,043	5,826	5,552	5,024	4,526
09/15/11	4,286	3,961	3,819	3,783	3,845	3,971	4,202	4,688	5,005	5,271	5,613	5,908	6,097	6,240	6,439	6,623	6,619	6,446	6,312	6,106	5,884	5,611	5,080	4,581
09/16/11	4,303	4,132	4,072	3,975	3,910	3,976	4,393	4,796	5,126	5,381	5,662	6,072	6,190	6,434	6,609	6,674	6,771	6,650	6,332	6,107	5,914	5,633	5,128	4,786
09/17/11	3,977	3,812	3,597	3,530	3,407	3,506	3,598	3,879	4,274	4,658	5,040	5,239	5,538	5,644	5,819	5,976	5,994	5,854	5,678	5,595	5,355	5,109	4,710	4,316
09/18/11	3,940	3,753	3,567	3,500	3,391	3,374	3,416	3,660	3,992	4,390	4,706	5,001	5,265	5,446	5,582	5,782	5,758	5,722	5,569	5,529	5,396	5,053	4,616	4,121
09/19/11	4,131	3,997	3,705	3,652	3,807	3,936	4,295	4,614	5,013	5,281	5,603	5,800	6,106	6,262	6,455	6,604	6,608	6,553	6,263	6,082	5,908	5,674	5,121	4,568
09/20/11	4,160	3,849	3,710	3,672	3,733	3,866	4,108	4,574	4,877	5,142	5,468	5,750	5,936	6,081	6,275	6,458	6,462	6,289	6,151	5,956	5,746	5,471	4,946	4,451
09/21/11	3,756	3,490	3,368	3,333	3,396	3,550	3,828	4,233	4,489	4,713	4,986	5,221	5,386	5,527	5,703	5,863	5,879	5,721	5,590	5,447	5,273	5,005	4,501	4,023
09/22/11	3,909	3,624	3,495	3,460	3,522	3,666	3,930	4,360	4,639	4,873	5,170	5,425	5,601	5,746	5,930	6,097	6,104	5,943	5,809	5,646	5,458	5,188	4,672	4,186
09/23/11	3,537	3,384	3,315	3,250	3,240	3,372	3,776	4,102	4,338	4,522	4,719	4,984	5,092	5,279	5,425	5,487	5,542	5,414	5,177	5,042	4,888	4,637	4,208	3,862
09/24/11	3,261	3,122	2,980	2,933	2,882	2,982	3,101	3,331	3,626	3,880	4,100	4,216	4,379	4,450	4,558	4,674	4,706	4,637	4,562	4,548	4,390	4,165	3,833	3,487
09/25/11	3,733	3,553	3,381	3,316	3,222	3,206	3,248	3,480	3,798	4,169	4,463	4,742	4,989	5,166	5,303	5,493	5,486	5,453	5,312	5,277	5,156	4,825	4,397	3,918
09/26/11	3,503	3,382	3,170	3,137	3,268	3,442	3,822	4,120	4,425	4,645	4,897	5,061	5,305	5,464	5,636	5,773	5,788	5,715	5,488	5,372	5,221	4,972	4,455	3,944
09/27/11	3,355	3,141	3,042	3,020	3,094	3,287	3,617	3,954	4,135	4,291	4,482	4,646	4,769	4,882	5,020	5,145	5,161	5,040	4,960	4,883	4,744	4,494	4,034	3,590
09/28/11	3,709	3,449	3,329	3,295	3,358	3,515	3,798	4,196	4,445	4,663	4,928	5,156	5,318	5,457	5,630	5,787	5,803	5,648	5,520	5,384	5,215	4,948	4,448	3,973
09/29/11	3,337	3,125	3,029	3,009	3,084	3,278	3,611	3,947	4,125	4,269	4,458	4,619	4,740	4,850	4,986	5,105	5,117	5,003	4,929	4,857	4,719	4,473	4,012	3,571
09/30/11	3,135	3,014	2,964	2,928	2,958	3,155	3,585	3,852	3,981	4,069	4,174	4,319	4,369	4,484	4,575	4,606	4,637	4,550	4,431	4,374	4,251	4,045	3,692	3,374
10/01/11	2,898	2,797	2,706	2,686	2,679	2,810	2,972	3,173	3,387	3,531	3,621	3,635	3,684	3,676	3,710	3,771	3,799	3,812	3,862	3,906	3,782	3,608	3,343	3,057
10/02/11	2,850	2,742	2,660	2,644	2,630	2,690	2,790	2,964	3,155	3,311	3,405	3,483	3,551	3,592	3,627	3,711	3,738	3,807	3,877	3,963	3,889	3,659	3,339	2,973
10/03/11	2,933	2,847	2,713	2,708	2,837	3,069	3,479	3,727	3,902	4,024	4,170	4,252	4,398	4,506	4,616	4,708	4,721	4,686	4,586	4,561	4,439	4,217	3,777	3,340
10/04/11	3,183	2,991	2,903	2,887	2,964	3,169	3,511	3,822	3,970	4,096	4,255	4,391	4,494	4,590	4,709	4,818	4,832	4,731	4,679	4,624	4,496	4,260	3,825	3,404
10/05/11	3,217	3,019	2,930	2,911	2,987	3,186	3,521	3,838	3,995	4,129	4,299	4,444	4,552	4,652	4,777	4,889	4,905	4,798	4,737	4,676	4,544	4,306	3,866	3,440
10/06/11	3,278	3,070	2,975	2,955	3,029	3,219	3,545	3,874	4,050	4,192	4,378	4,537	4,655	4,764	4,897	5,014	5,027	4,914	4,841	4,769	4,634	4,392	3,940	3,507
10/07/11	3,476	3,326	3,258	3,193	3,184	3,313	3,708	4,029	4,261	4,442	4,636	4,898	5,003	5,188	5,332	5,393	5,446	5,321	5,087	4,954	4,803	4,557	4,135	3,796
10/08/11	3,282	3,140	2,989	2,939	2,880	2,973	3,082	3,315	3,621	3,891	4,133	4,266	4,448	4,530	4,649	4,772	4,803	4,721	4,625	4,599	4,435	4,207	3,869	3,520
10/09/11	3,353	3,193	3,050	2,996	2,927	2,923	2,969	3,178	3,462	3,770	4,014	4,247	4,452	4,605	4,729	4,894	4,908	4,892	4,790	4,779	4,680	4,377	3,979	3,535
10/10/11	3,407	3,289	3,085	3,054	3,183	3,356	3,730	4,020	4,313	4,526	4,768	4,926	5,162	5,317	5,483	5,616	5,630	5,559	5,341	5,232	5,085	4,842	4,338	3,839
10/11/11	3,621	3,368	3,250	3,218	3,281	3,437	3,717	4,104	4,346	4,558	4,812	5,033	5,191	5,327	5,494	5,648	5,662	5,511	5,388	5,257	5,094	4,831	4,344	3,879
10/12/11	3,747	3,485	3,368	3,338	3,404	3,556	3,829	4,240	4,504	4,735	5,017	5,260	5,431	5,577	5,757	5,923	5,943	5,774	5,631	5,473	5,286	5,010	4,501	4,018
10/13/11	3,495	3,257	3,146	3,119	3,185	3,351	3,646	4,013	4,235	4,420	4,654	4,855	5,001	5,130	5,287	5,426	5,439	5,301	5,192	5,083	4,931	4,676	4,197	3,742
10/14/11	3,365	3,222	3,157	3,099	3,099	3,242	3,641	3,946	4,154	4,314	4,488	4,720	4,815	4,984	5,117	5,172	5,219	5,099	4,889	4,776	4,633	4,396	3,992	3,658
10/15/11	3,052	2,930	2,812	2,778	2,747	2,858	2,992	3,205	3,461	3,663	3,823	3,895	4,006	4,045	4,120	4,213	4,244	4,209	4,186	4,199	4,061	3,859	3,559	3,242
10/16/11	2,898	2,783	2,694	2,672	2,651	2,701	2,791	2,969	3,173	3,350	3,465	3,567	3,655	3,715	3,765	3,863	3,890	3,946	3,988	4,059	3,984	3,743	3,411	3,033
10/17/11	2,922	2,836	2,705	2,701	2,830	3,063	3,475	3,722	3,893	4,011	4,154	4,233	4,376	4,481	4,590	4,680	4,693	4,660	4,564	4,541	4,420	4,199	3,762	3,326
10/18/11	3,057	2,885	2,811	2,802	2,887	3,114	3,481	3,767	3,876	3,965	4,088	4,190	4,268	4,343	4,440	4,530	4,541	4,466	4,455	4,424	4,303	4,079	3,668	3,265
10/19/11	3,048	2,878	2,806	2,797	2,883	3,111	3,479	3,763	3,867	3,953	4,075	4,175	4,251	4,323	4,419	4,506	4,518	4,445	4,437	4,408	4,287	4,066	3,655	3,254
10/20/11	3,098	2,918	2,840	2,830	2,913	3,132	3,490	3,786	3,909	4,004	4,141	4,256	4,343	4,424	4,530	4,622	4,631	4,550	4,527	4,490	4,366	4,141	3,718	3,309
10/21/11	3,002	2,892	2,849	2,821	2,859	3,069	3,502	3,750	3,852	3,914	3,993	4,109	4,140	4,235	4,308	4,330	4,355	4,285	4,201	4,163	4,046	3,858	3,529	3,226
10/22/11	2,798	2,714	2,642	2,636	2,646	2,795	2,981	3,173	3,357	3,457	3,494	3,460	3,462	3,413	3,415	3,448	3,474	3,525	3,636	3,702	3,587	3,435	3,198	2,937
10/23/11	2,702	2,621	2,568	2,572	2,585	2,688	2,830	2,990	3,128	3,207	3,216	3,201	3,187	3,152	3,121	3,153	3,173	3,298	3,481	3,623	3,550	3,362	3,091	2,769
10/24/11	2,707	2,646	2,560	2,575	2,713	2,991	3,437	3,642	3,722	3,754	3,812	3,816	3,877	3,916	3,963	4,006	4,012	4,041	4,069	4,097	3,988	3,800	3,422	3,039
10/25/11	2,834	2,705	2,659	2,670	2,773	3,053	3,479	3,715	3,733	3,738	3,780	3,809	3,830	3,852	3,896	3,942	3,942	3,934	4,029	4,044	3,929	3,736	3,377	3,017
10/26/11	2,775	2,658	2,623	2,640	2,749	3,046	3,490	3,712	3,699	3,676	3,695	3,701	3,703	3,706	3,732	3,763	3,759	3,775	3,907	3,935	3,819	3,638	3,295	2,949
10/27/11	2,760	2,645	2,612	2,633	2,745	3,046	3,496	3,715	3,697	3,661	3,673	3,674	3,671	3,670	3,691	3,715	3,705	3,732	3,877	3,909	3,793	3,616	3,275	2,933
10/28/11	2,763	2,686	2,670	2,670	2,741	3,017	3,497	3,702	3,709	3,679	3,673	3,691	3,656	3,680	3,686	3,674	3,681	3,679	3,731	3,749	3,647	3,509	3,244	2,977
10/29/11	2,757	2,646	2,614	2,611	2,648	2,774	2,975	3,182	3,345	3,437	3,434	3,369	3,313	3,228	3,163	3,129	3,164	3,321	3,534	3,510	3,424	3,293	3,106	2,880
10/30/11	2,922	2,848	2,819	2,851	2,901	3,052	3,250	3,483	3,577	3,561	3,500	3,396	3,301	3,188	3,114	3,065	3,138	3,360	3,630	3,701	3,631	3,524	3,276	3,011
10/31/11	2,680	2,595	2,589	2,608	2,740	3,044	3,511	3,723	3,694	3,666	3,616	3,522	3,470	3,451	3,377	3,388	3,392	3,525	3,784	3,778	3,719	3,551	3,238	2,937

APS Own Load Hourly mW Forecast

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Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
11/01/11	2,700	2,610	2,593	2,621	2,735	3,048	3,502	3,686	3,624	3,555	3,527	3,492	3,461	3,433	3,426	3,431	3,418	3,476	3,668	3,714	3,603	3,450	3,156	2,853
11/02/11	2,731	2,635	2,612	2,636	2,746	3,046	3,488	3,681	3,635	3,583	3,573	3,552	3,532	3,515	3,519	3,532	3,523	3,566	3,734	3,774	3,662	3,504	3,199	2,888
11/03/11	2,716	2,622	2,602	2,630	2,742	3,048	3,496	3,686	3,634	3,567	3,550	3,524	3,499	3,476	3,475	3,481	3,466	3,520	3,702	3,746	3,634	3,480	3,179	2,871
11/04/11	2,731	2,666	2,657	2,664	2,740	3,017	3,483	3,667	3,651	3,600	3,574	3,568	3,518	3,522	3,511	3,491	3,493	3,509	3,595	3,623	3,530	3,413	3,178	2,935
11/05/11	2,687	2,633	2,595	2,608	2,643	2,814	3,028	3,201	3,328	3,358	3,316	3,212	3,141	3,031	2,984	2,970	2,988	3,100	3,299	3,393	3,293	3,185	3,002	2,796
11/06/11	2,662	2,602	2,566	2,581	2,606	2,729	2,888	3,033	3,134	3,167	3,129	3,061	3,002	2,924	2,856	2,856	2,869	3,019	3,258	3,423	3,352	3,199	2,970	2,692
11/07/11	2,683	2,632	2,564	2,583	2,717	2,992	3,424	3,604	3,652	3,656	3,684	3,664	3,695	3,709	3,733	3,758	3,761	3,811	3,878	3,917	3,816	3,650	3,312	2,966
11/08/11	2,784	2,675	2,642	2,660	2,764	3,048	3,471	3,678	3,662	3,637	3,650	3,651	3,651	3,652	3,674	3,702	3,696	3,715	3,845	3,873	3,764	3,594	3,273	2,948
11/09/11	2,827	2,709	2,670	2,682	2,782	3,052	3,460	3,678	3,683	3,677	3,710	3,729	3,742	3,755	3,791	3,828	3,827	3,828	3,931	3,950	3,841	3,664	3,330	2,995
11/10/11	2,927	2,787	2,734	2,738	2,829	3,071	3,451	3,693	3,746	3,777	3,849	3,905	3,947	3,988	4,051	4,107	4,108	4,078	4,128	4,127	4,016	3,825	3,463	3,107
11/11/11	2,814	2,736	2,717	2,712	2,775	3,025	3,470	3,670	3,690	3,676	3,683	3,715	3,692	3,725	3,742	3,735	3,745	3,731	3,759	3,768	3,670	3,532	3,273	3,015
11/12/11	2,812	2,733	2,666	2,660	2,670	2,811	2,987	3,169	3,341	3,434	3,468	3,435	3,436	3,389	3,390	3,421	3,445	3,494	3,600	3,663	3,555	3,412	3,188	2,943
11/13/11	2,732	2,654	2,602	2,605	2,614	2,709	2,840	2,992	3,126	3,206	3,220	3,212	3,205	3,177	3,152	3,186	3,205	3,320	3,485	3,615	3,546	3,366	3,107	2,800
11/14/11	2,682	2,596	2,589	2,603	2,720	2,988	3,408	3,603	3,598	3,591	3,556	3,473	3,426	3,407	3,338	3,353	3,359	3,476	3,713	3,696	3,636	3,474	3,188	2,912
11/15/11	2,900	2,843	2,810	2,863	2,961	3,297	3,795	4,029	3,964	3,827	3,724	3,646	3,565	3,524	3,500	3,453	3,478	3,602	3,822	3,868	3,797	3,637	3,370	3,063
11/16/11	2,743	2,644	2,620	2,641	2,750	3,046	3,483	3,680	3,641	3,595	3,591	3,576	3,560	3,547	3,556	3,572	3,564	3,601	3,760	3,797	3,686	3,525	3,216	2,902
11/17/11	2,702	2,611	2,594	2,623	2,738	3,049	3,502	3,689	3,628	3,554	3,530	3,497	3,467	3,439	3,433	3,435	3,419	3,479	3,672	3,719	3,607	3,456	3,159	2,856
11/18/11	2,709	2,648	2,642	2,652	2,731	3,016	3,488	3,668	3,642	3,581	3,545	3,529	3,472	3,467	3,449	3,425	3,425	3,450	3,552	3,585	3,493	3,382	3,154	2,915
11/19/11	2,630	2,589	2,567	2,590	2,638	2,824	3,059	3,228	3,334	3,331	3,250	3,108	3,001	2,856	2,783	2,746	2,761	2,906	3,155	3,264	3,166	3,077	2,915	2,731
11/20/11	2,915	2,882	2,851	2,882	2,937	3,106	3,341	3,562	3,660	3,598	3,481	3,334	3,221	3,143	3,051	3,000	3,066	3,266	3,612	3,620	3,577	3,410	3,178	2,923
11/21/11	2,755	2,694	2,691	2,732	2,848	3,175	3,736	3,944	3,884	3,756	3,709	3,613	3,556	3,533	3,495	3,476	3,492	3,612	3,785	3,824	3,739	3,594	3,290	2,978
11/22/11	2,847	2,794	2,741	2,770	2,875	3,237	3,697	3,908	3,845	3,723	3,642	3,572	3,487	3,464	3,402	3,388	3,403	3,557	3,793	3,810	3,755	3,620	3,345	3,040
11/23/11	2,900	2,843	2,812	2,865	2,962	3,297	3,795	4,029	3,963	3,825	3,724	3,647	3,566	3,524	3,501	3,452	3,478	3,603	3,822	3,868	3,796	3,638	3,370	3,063
11/24/11	2,833	2,806	2,844	2,860	2,996	3,264	3,648	3,840	3,918	3,769	3,664	3,556	3,424	3,361	3,291	3,255	3,306	3,477	3,791	3,751	3,623	3,554	3,263	2,972
11/25/11	3,067	3,005	2,981	3,024	3,079	3,233	3,441	3,694	3,790	3,755	3,659	3,516	3,393	3,257	3,175	3,122	3,201	3,439	3,731	3,797	3,738	3,645	3,414	3,153
11/26/11	3,326	3,234	3,244	3,284	3,369	3,537	3,822	4,132	4,249	4,181	4,017	3,802	3,646	3,489	3,377	3,315	3,356	3,627	3,959	3,901	3,831	3,736	3,579	3,370
11/27/11	3,203	3,147	3,126	3,179	3,244	3,405	3,627	3,901	3,999	3,956	3,848	3,687	3,552	3,401	3,309	3,250	3,338	3,599	3,909	3,969	3,912	3,796	3,545	3,267
11/28/11	3,170	3,075	3,088	3,113	3,280	3,619	4,170	4,451	4,348	4,184	4,019	3,816	3,691	3,635	3,517	3,554	3,601	3,881	4,251	4,212	4,197	4,049	3,743	3,441
11/29/11	3,149	3,093	3,028	3,061	3,170	3,580	4,068	4,303	4,194	3,978	3,812	3,683	3,544	3,499	3,411	3,399	3,437	3,702	4,035	4,041	4,011	3,900	3,630	3,321
11/30/11	2,968	2,923	2,876	2,915	3,033	3,426	3,911	4,142	4,051	3,884	3,768	3,672	3,562	3,527	3,451	3,433	3,453	3,643	3,910	3,920	3,871	3,741	3,463	3,152
12/01/11	3,200	3,154	3,104	3,157	3,295	3,749	4,300	4,570	4,457	4,237	4,082	3,957	3,819	3,771	3,677	3,652	3,672	3,915	4,237	4,243	4,193	4,054	3,743	3,395
12/02/11	3,283	3,235	3,224	3,281	3,477	3,820	4,456	4,777	4,634	4,416	4,237	4,004	3,875	3,797	3,655	3,611	3,666	3,825	4,165	4,164	4,059	4,009	3,801	3,523
12/03/11	3,288	3,188	3,188	3,221	3,299	3,483	3,781	4,089	4,199	4,149	4,007	3,817	3,677	3,531	3,428	3,372	3,414	3,638	3,972	3,967	3,891	3,778	3,599	3,361
12/04/11	3,313	3,247	3,223	3,276	3,345	3,520	3,759	4,052	4,158	4,113	3,999	3,829	3,685	3,525	3,426	3,363	3,456	3,732	4,069	4,138	4,074	3,949	3,677	3,378
12/05/11	3,295	3,218	3,255	3,303	3,510	3,912	4,542	4,881	4,759	4,561	4,364	4,133	3,984	3,913	3,773	3,797	3,825	4,099	4,493	4,455	4,428	4,257	3,912	3,566
12/06/11	3,536	3,510	3,464	3,538	3,691	4,200	4,785	5,086	4,933	4,641	4,403	4,212	4,012	3,936	3,807	3,777	3,819	4,157	4,560	4,540	4,502	4,376	4,060	3,698
12/07/11	3,716	3,659	3,562	3,596	3,710	4,208	4,791	5,046	4,890	4,591	4,363	4,161	3,956	3,901	3,777	3,762	3,839	4,252	4,698	4,679	4,670	4,584	4,271	3,921
12/08/11	3,784	3,730	3,624	3,658	3,773	4,285	4,897	5,141	4,979	4,673	4,458	4,252	4,048	4,002	3,877	3,859	3,934	4,361	4,803	4,778	4,773	4,699	4,372	4,020
12/09/11	3,542	3,501	3,493	3,565	3,779	4,125	4,766	5,129	4,981	4,717	4,481	4,201	4,027	3,920	3,747	3,700	3,783	4,029	4,401	4,367	4,256	4,222	4,020	3,726
12/10/11	3,304	3,203	3,204	3,238	3,318	3,503	3,803	4,115	4,225	4,171	4,024	3,830	3,687	3,538	3,434	3,377	3,418	3,648	3,986	3,977	3,900	3,789	3,611	3,373
12/11/11	3,337	3,273	3,249	3,305	3,375	3,551	3,792	4,090	4,198	4,151	4,035	3,860	3,714	3,550	3,450	3,386	3,481	3,762	4,102	4,170	4,107	3,980	3,706	3,404
12/12/11	3,222	3,147	3,179	3,223	3,425	3,826	4,448	4,779	4,658	4,467	4,279	4,061	3,920	3,857	3,724	3,742	3,761	4,013	4,396	4,375	4,347	4,180	3,836	3,491
12/13/11	3,370	3,334	3,288	3,352	3,499	3,983	4,551	4,840	4,704	4,446	4,243	4,082	3,911	3,846	3,734	3,708	3,741	4,031	4,396	4,389	4,345	4,211	3,900	3,544
12/14/11	3,295	3,255	3,209	3,267	3,410	3,881	4,441	4,722	4,593	4,353	4,173	4,027	3,870	3,812	3,708	3,683	3,713	3,980	4,325	4,324	4,277	4,140	3,830	3,477
12/15/11	3,186	3,139	3,089	3,141	3,278	3,729	4,278	4,546	4,435	4,219	4,069	3,947	3,811	3,765	3,673	3,648	3,668	3,905	4,224	4,231	4,180	4,041	3,730	3,382
12/16/11	3,169	3,112	3,099	3,144	3,330	3,666	4,284	4,571	4,442	4,255	4,110	3,910	3,809	3,748	3,624	3,586	3,627	3,743	4,050	4,072	3,968	3,914	3,703	3,424
12/17/11	3,152	3,049	3,039	3,062	3,126	3,301	3,570	3,846	3,960	3,951	3,856	3,712	3,600	3,475	3,388	3,341	3,381	3,566	3,863	3,883	3,806	3,686	3,499	3,254
12/18/11	3,039	2,959	2,927	2,958	3,008	3,162	3,364	3,600	3,699	3,689	3,635	3,535	3,444	3,331	3,257	3,207	3,281	3,507	3,780	3,855	3,782	3,669	3,410	3,135
12/19/11	2,913	2,838	2,839	2,870	3,031	3,396	3,944	4,193	4,109	4,017	3,921	3,793	3,719	3,692	3,604	3,610	3,609	3,779	4,082	4,095	4,047	3,881	3,535	3,201
12/20/11	2,970	2,911	2,851	2,882	2,998	3,396	3,902	4,135	4,067	3,935	3,849	3,773	3,681	3,657	3,588	3,572	3,589	3,757	4,017	4,036	3,974	3,825	3,521	3,183
12/21/11	3,037	2,973	2,939	2,997	3,105	3,476	4,027	4,287	4,213	4,060	3,949	3,863	3,773	3,727	3,702	3,648	3,677	3,815	4,057	4,109	4,029	3,853	3,556	3,217
12/22/11	2,837	2,732	2,709	2,739	2,863	3,200	3,694	3,906	3,851	3,780	3,763	3,735	3,709	3,686	3,686	3,694	3,678	3,735	3,934	3,981	3,858	3,686	3,351	3,010
12/23/11	2,815	2,749	2,744	2,756	2,846	3,165	3,691	3,887	3,853	3,781	3,738	3,716	3,649	3,641	3,617	3,588	3,588	3,619	3,739	3,779	3,676	3,557	3,307	3,044
12/24/11	3,076	2,997	2,955	3,009	3,083	3,339	3,756	4,014	4,056	3,978	3,868	3,718	3,662	3,557	3,459	3,459	3,509	3,798	4,072	4,021	3,889	3,801	3,580	3,269
12/25/11	3,053	3,016	2,982	3,017	3,077	3,265	3,525	3,769	3,878	3,809	3,680	3,517	3,391	3,305	3,204	3,147	3,220	3,441	3,825	3,833	3,786	3,601	3,344	3,061
12/26/11	2,948	2,864	2,827	2,851	2,894	3,038	3,225	3,439	3,546	3,561	3,531	3,435	3,359	3,263	3,196	3,151	3,220	3,431	3,677	3,754	3,683	3,566	3,311	3,044
12/27/11	3,036	2,973	2,937	2,996	3,104	3,476	4,028	4,287	4,215	4,062	3,948	3,862	3,773	3,727	3,701	3,649	3,676	3,814	4,057	4,108	4,029	3,853	3,557	3,217
12/28/11	3,046	2,992	2,937	2,974	3,099	3,518	4,042	4,288	4,201	4,039	3,931	3,839	3,730	3,698	3,622	3,604	3,623	3,814	4,092	4,107	4,049	3,903	3,596	3,255
12/29/11	3,085	3,032	2,977	3,021	3,150	3,578	4,112	4,365	4,272	4,089	3,969	3,869	3,754	3,718	3,638	3,615	3,631	3,838	4,129	4,142	4,087	3,944	3,634	3,291
12/30/11	3,141	3,082	3,068	3,110	3,293	3,626	4,238	4,517	4,393	4,215	4,078	3,887	3,793	3,737	3,617	3,581	3,619	3,725	4,022	4,049	3,946	3,890	3,678	3,398
12/31/11	3,159	3,056	3,046	3,069	3,134	3,310	3,580	3,858	3,972	3,960	3,863	3,716	3,604	3,477	3,390	3,342	3,382	3,569	3,867	3,887	3,810	3,690	3,504	3,259

APS Own Load Hourly mW Forecast

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Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
01/01/12	3,241	3,169	3,142	3,186	3,246	3,416	3,643	3,914	4,014	3,979	3,887	3,744	3,620	3,480	3,390	3,334	3,418	3,673	3,989	4,062	3,992	3,874	3,609	3,320
01/02/12	3,238	3,166	3,140	3,186	3,247	3,421	3,650	3,919	4,020	3,983	3,889	3,722	3,593	3,457	3,368	3,311	3,396	3,653	3,969	4,043	3,976	3,860	3,596	3,312
01/03/12	3,224	3,177	3,124	3,174	3,310	3,764	4,318	4,584	4,474	4,269	4,120	3,999	3,866	3,821	3,730	3,709	3,732	3,963	4,278	4,285	4,233	4,089	3,777	3,426
01/04/12	3,310	3,267	3,219	3,274	3,416	3,886	4,448	4,727	4,603	4,372	4,202	4,064	3,913	3,858	3,758	3,734	3,762	4,019	4,357	4,358	4,309	4,169	3,855	3,500
01/05/12	3,500	3,466	3,421	3,492	3,644	4,143	4,725	5,025	4,882	4,597	4,379	4,204	4,019	3,948	3,827	3,795	3,829	4,146	4,535	4,524	4,482	4,351	4,032	3,669
01/06/12	3,421	3,377	3,367	3,431	3,635	3,985	4,635	4,979	4,829	4,591	4,390	4,136	3,989	3,898	3,744	3,696	3,761	3,951	4,312	4,298	4,189	4,142	3,933	3,650
01/07/12	3,533	3,431	3,440	3,484	3,578	3,767	4,088	4,432	4,558	4,480	4,297	4,061	3,889	3,717	3,593	3,525	3,570	3,862	4,232	4,176	4,098	3,991	3,815	3,581
01/08/12	3,506	3,449	3,424	3,492	3,570	3,760	4,016	4,334	4,442	4,390	4,268	4,087	3,938	3,768	3,668	3,596	3,702	4,012	4,362	4,423	4,357	4,226	3,933	3,610
01/09/12	3,530	3,449	3,483	3,558	3,771	4,191	4,846	5,117	4,957	4,819	4,684	4,486	4,376	4,316	4,192	4,228	4,298	4,663	5,036	4,951	4,908	4,712	4,300	3,939
01/10/12	3,755	3,722	3,655	3,718	3,862	4,386	4,990	5,281	5,117	4,805	4,555	4,343	4,127	4,055	3,918	3,892	3,952	4,345	4,784	4,757	4,732	4,625	4,301	3,936
01/11/12	3,474	3,440	3,396	3,462	3,613	4,108	4,687	4,984	4,840	4,568	4,355	4,185	4,003	3,934	3,816	3,788	3,824	4,131	4,510	4,500	4,457	4,324	4,007	3,645
01/12/12	3,460	3,424	3,378	3,446	3,597	4,090	4,668	4,965	4,826	4,550	4,341	4,174	3,995	3,928	3,811	3,780	3,811	4,117	4,496	4,488	4,445	4,312	3,994	3,633
01/13/12	3,366	3,318	3,308	3,368	3,567	3,916	4,562	4,893	4,746	4,520	4,333	4,092	3,956	3,873	3,727	3,681	3,739	3,908	4,258	4,253	4,146	4,097	3,887	3,605
01/14/12	3,301	3,199	3,196	3,226	3,300	3,484	3,777	4,078	4,190	4,151	4,023	3,846	3,713	3,572	3,474	3,420	3,462	3,674	4,000	4,007	3,929	3,813	3,629	3,384
01/15/12	3,228	3,155	3,128	3,171	3,231	3,399	3,624	3,892	3,992	3,959	3,870	3,730	3,609	3,471	3,383	3,327	3,410	3,663	3,975	4,049	3,979	3,862	3,596	3,309
01/16/12	3,238	3,166	3,140	3,186	3,247	3,421	3,650	3,919	4,020	3,983	3,889	3,722	3,593	3,457	3,368	3,311	3,396	3,653	3,969	4,043	3,976	3,860	3,596	3,312
01/17/12	3,184	3,135	3,081	3,127	3,260	3,706	4,253	4,514	4,410	4,218	4,081	3,969	3,844	3,803	3,716	3,697	3,718	3,936	4,241	4,250	4,197	4,051	3,739	3,390
01/18/12	3,169	3,119	3,066	3,110	3,242	3,683	4,227	4,486	4,384	4,196	4,067	3,959	3,836	3,796	3,711	3,691	3,713	3,927	4,226	4,237	4,182	4,037	3,724	3,376
01/19/12	3,118	3,062	3,007	3,049	3,177	3,605	4,140	4,392	4,303	4,127	4,013	3,917	3,805	3,772	3,693	3,671	3,686	3,888	4,176	4,192	4,134	3,988	3,675	3,329
01/20/12	3,203	3,144	3,129	3,173	3,358	3,696	4,316	4,600	4,474	4,292	4,153	3,958	3,862	3,804	3,682	3,646	3,684	3,793	4,095	4,122	4,017	3,961	3,746	3,463
01/21/12	3,087	2,977	2,956	2,968	3,020	3,181	3,424	3,673	3,806	3,844	3,795	3,690	3,605	3,497	3,421	3,380	3,419	3,585	3,847	3,868	3,786	3,656	3,461	3,212
01/22/12	3,090	3,010	2,977	3,008	3,058	3,213	3,416	3,654	3,755	3,747	3,693	3,594	3,502	3,389	3,314	3,264	3,339	3,567	3,841	3,917	3,843	3,728	3,467	3,189
01/23/12	2,968	2,892	2,893	2,924	3,088	3,457	4,011	4,264	4,179	4,086	3,989	3,859	3,785	3,757	3,669	3,674	3,673	3,846	4,152	4,165	4,117	3,949	3,598	3,260
01/24/12	3,086	3,030	2,973	3,010	3,134	3,555	4,084	4,330	4,246	4,089	3,982	3,891	3,786	3,755	3,680	3,662	3,680	3,869	4,147	4,163	4,104	3,955	3,645	3,300
01/25/12	3,093	3,029	2,994	3,053	3,163	3,538	4,096	4,359	4,285	4,130	4,017	3,931	3,840	3,793	3,767	3,713	3,742	3,882	4,127	4,179	4,098	3,920	3,620	3,276
01/26/12	2,884	2,779	2,757	2,789	2,915	3,259	3,763	3,975	3,915	3,839	3,818	3,787	3,758	3,731	3,729	3,735	3,718	3,779	3,986	4,036	3,911	3,738	3,401	3,058
01/27/12	2,897	2,826	2,817	2,825	2,911	3,224	3,749	3,953	3,932	3,872	3,841	3,831	3,773	3,775	3,760	3,737	3,739	3,759	3,860	3,893	3,789	3,660	3,398	3,127
01/28/12	3,134	3,054	3,011	3,065	3,140	3,400	3,822	4,083	4,126	4,046	3,935	3,783	3,727	3,620	3,521	3,521	3,572	3,865	4,142	4,091	3,956	3,867	3,644	3,329
01/29/12	2,805	2,743	2,708	2,730	2,764	2,913	3,101	3,261	3,362	3,383	3,321	3,222	3,137	3,031	2,937	2,924	2,936	3,118	3,414	3,612	3,531	3,369	3,124	2,823
01/30/12	2,930	2,862	2,859	2,905	3,035	3,401	4,031	4,263	4,197	4,052	4,001	3,892	3,828	3,803	3,760	3,740	3,758	3,892	4,086	4,129	4,034	3,872	3,530	3,180
01/31/12	3,089	3,033	2,976	3,013	3,138	3,560	4,089	4,335	4,251	4,092	3,985	3,893	3,788	3,757	3,681	3,663	3,681	3,871	4,150	4,165	4,107	3,957	3,648	3,303
02/01/12	3,009	2,950	2,891	2,927	3,053	3,480	4,020	4,270	4,187	4,032	3,931	3,843	3,737	3,707	3,632	3,613	3,633	3,821	4,102	4,120	4,057	3,904	3,584	3,230
02/02/12	3,069	3,012	2,955	2,999	3,132	3,575	4,129	4,390	4,297	4,112	3,992	3,891	3,774	3,739	3,657	3,634	3,650	3,860	4,160	4,175	4,116	3,966	3,643	3,286
02/03/12	3,128	3,066	3,050	3,093	3,282	3,628	4,263	4,549	4,422	4,241	4,105	3,910	3,817	3,760	3,637	3,601	3,639	3,744	4,048	4,079	3,972	3,912	3,690	3,398
02/04/12	3,239	3,133	3,129	3,159	3,235	3,424	3,723	4,031	4,146	4,109	3,981	3,802	3,668	3,525	3,425	3,370	3,413	3,628	3,961	3,970	3,890	3,769	3,579	3,327
02/05/12	3,177	3,101	3,074	3,118	3,180	3,354	3,586	3,863	3,966	3,931	3,839	3,694	3,569	3,426	3,335	3,277	3,363	3,625	3,947	4,022	3,950	3,830	3,556	3,259
02/06/12	3,229	3,151	3,184	3,230	3,441	3,860	4,509	4,854	4,728	4,529	4,332	4,105	3,958	3,892	3,753	3,772	3,792	4,055	4,454	4,432	4,403	4,229	3,870	3,509
02/07/12	3,353	3,314	3,265	3,330	3,482	3,982	4,573	4,871	4,732	4,470	4,266	4,104	3,931	3,867	3,752	3,726	3,759	4,052	4,426	4,420	4,374	4,232	3,908	3,539
02/08/12	3,522	3,480	3,422	3,483	3,629	4,143	4,737	5,063	4,885	4,589	4,354	4,165	3,965	3,892	3,766	3,740	3,790	4,144	4,565	4,552	4,517	4,392	4,068	3,697
02/09/12	3,293	3,249	3,200	3,262	3,411	3,901	4,485	4,778	4,648	4,394	4,209	4,060	3,899	3,840	3,733	3,704	3,730	4,009	4,369	4,369	4,320	4,179	3,852	3,485
02/10/12	3,322	3,273	3,263	3,325	3,531	3,890	4,557	4,900	4,748	4,514	4,319	4,069	3,928	3,842	3,690	3,642	3,703	3,880	4,242	4,236	4,125	4,075	3,858	3,567
02/11/12	3,147	3,039	3,028	3,051	3,118	3,299	3,578	3,864	3,984	3,977	3,881	3,734	3,620	3,490	3,400	3,351	3,393	3,585	3,891	3,914	3,833	3,707	3,512	3,256
02/12/12	3,152	3,076	3,048	3,090	3,150	3,322	3,551	3,822	3,925	3,893	3,806	3,669	3,548	3,410	3,321	3,265	3,349	3,606	3,922	3,998	3,925	3,806	3,533	3,238
02/13/12	3,030	2,955	2,969	3,008	3,196	3,603	4,216	4,513	4,399	4,249	4,104	3,931	3,825	3,782	3,673	3,680	3,683	3,893	4,246	4,255	4,217	4,047	3,683	3,325
02/14/12	3,064	3,009	2,951	2,993	3,125	3,568	4,121	4,380	4,286	4,110	3,989	3,887	3,772	3,736	3,654	3,636	3,655	3,860	4,157	4,170	4,112	3,959	3,639	3,282
02/15/12	3,027	2,970	2,912	2,950	3,078	3,510	4,054	4,307	4,220	4,058	3,950	3,858	3,749	3,717	3,640	3,621	3,641	3,835	4,120	4,137	4,075	3,923	3,602	3,247
02/16/12	3,030	2,972	2,913	2,953	3,082	3,515	4,061	4,316	4,231	4,060	3,952	3,860	3,751	3,719	3,642	3,620	3,634	3,833	4,123	4,140	4,079	3,928	3,606	3,250
02/17/12	2,960	2,886	2,861	2,887	3,052	3,375	3,956	4,195	4,108	3,991	3,912	3,778	3,725	3,696	3,597	3,570	3,601	3,656	3,897	3,944	3,832	3,754	3,524	3,230
02/18/12	2,749	2,695	2,662	2,685	2,734	2,942	3,204	3,401	3,533	3,545	3,469	3,322	3,215	3,064	2,991	2,959	2,977	3,130	3,395	3,514	3,400	3,288	3,091	2,869
02/19/12	3,053	3,014	2,979	3,015	3,078	3,274	3,545	3,800	3,914	3,842	3,707	3,537	3,406	3,316	3,210	3,151	3,227	3,458	3,858	3,867	3,818	3,625	3,357	3,062
02/20/12	2,867	2,797	2,794	2,841	2,975	3,353	4,002	4,241	4,173	4,024	3,971	3,859	3,793	3,767	3,723	3,702	3,720	3,859	4,059	4,103	4,005	3,838	3,486	3,125
02/21/12	2,798	2,696	2,677	2,710	2,843	3,207	3,734	3,945	3,869	3,787	3,752	3,709	3,671	3,636	3,626	3,630	3,614	3,684	3,911	3,966	3,837	3,661	3,324	2,975
02/22/12	3,036	2,970	2,934	2,994	3,107	3,494	4,069	4,340	4,264	4,104	3,988	3,899	3,805	3,757	3,730	3,674	3,704	3,848	4,101	4,155	4,071	3,888	3,578	3,224
02/23/12	2,848	2,733	2,705	2,734	2,861	3,206	3,714	3,941	3,895	3,831	3,822	3,803	3,783	3,766	3,773	3,787	3,772	3,822	4,014	4,059	3,931	3,748	3,391	3,030
02/24/12	2,854	2,777	2,765	2,771	2,856	3,172	3,707	3,921	3,909	3,857	3,833	3,832	3,779	3,789	3,781	3,761	3,764	3,778	3,866	3,896	3,787	3,648	3,372	3,089
02/25/12	2,775	2,715	2,676	2,693	2,737	2,938	3,190	3,389	3,531	3,558	3,499	3,369	3,279	3,144	3,083	3,062	3,082	3,219	3,461	3,574	3,458	3,338	3,131	2,899
02/26/12	2,732	2,670	2,636	2,660	2,697	2,853	3,050	3,214	3,315	3,332	3,262	3,154	3,061	2,946	2,846	2,829	2,840	3,031	3,345	3,552	3,468	3,303	3,055	2,747
02/27/12	2,704	2,661	2,610	2,643	2,806	3,152	3,677	3,855	3,850	3,790	3,762	3,681	3,657	3,617	3,596	3,585	3,583	3,697	3,871	3,942	3,829	3,665	3,319	2,955
02/28/12	3,035	2,969	2,931	2,993	3,106	3,494	4,070	4,341	4,265	4,106	3,987	3,897	3,804	3,757	3,729	3,675	3,703	3,847	4,101	4,155	4,072	3,887	3,579	3,224
02/29/12	3,036	2,970	2,934	2,994	3,107	3,494	4,069	4,340	4,264	4,104	3,988	3,899	3,805	3,757	3,730	3,674	3,704	3,848	4,101	4,155	4,071	3,888	3,578	3,224

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
03/01/12	2,907	2,849	2,817	2,872	2,970	3,304	3,801	4,036	3,972	3,828	3,728	3,651	3,571	3,530	3,507	3,456	3,477	3,605	3,826	3,873	3,802	3,645	3,375	3,070
03/02/12	3,082	3,029	3,011	3,067	3,173	3,503	4,009	4,203	4,129	3,897	3,738	3,603	3,474	3,397	3,336	3,329	3,336	3,474	3,721	3,725	3,699	3,661	3,498	3,217
03/03/12	2,943	2,872	2,834	2,882	2,948	3,179	3,555	3,787	3,825	3,755	3,656	3,521	3,471	3,375	3,288	3,288	3,333	3,593	3,839	3,794	3,674	3,595	3,396	3,116
03/04/12	2,922	2,889	2,858	2,889	2,944	3,113	3,347	3,567	3,665	3,603	3,487	3,340	3,226	3,149	3,058	3,007	3,072	3,272	3,617	3,625	3,582	3,416	3,184	2,929
03/05/12	2,801	2,733	2,735	2,763	2,909	3,239	3,734	3,960	3,883	3,798	3,709	3,593	3,525	3,500	3,421	3,425	3,425	3,579	3,853	3,865	3,823	3,674	3,361	3,060
03/06/12	2,915	2,866	2,816	2,850	2,962	3,341	3,814	4,035	3,957	3,812	3,712	3,628	3,532	3,503	3,434	3,418	3,435	3,607	3,858	3,871	3,820	3,687	3,412	3,105
03/07/12	2,908	2,860	2,810	2,843	2,954	3,330	3,801	4,021	3,944	3,800	3,705	3,624	3,528	3,499	3,432	3,415	3,432	3,603	3,851	3,865	3,812	3,681	3,404	3,098
03/08/12	2,955	2,907	2,859	2,898	3,015	3,402	3,883	4,111	4,027	3,861	3,752	3,660	3,556	3,523	3,450	3,430	3,444	3,632	3,895	3,907	3,857	3,729	3,449	3,141
03/09/12	3,130	3,095	3,094	3,153	3,338	3,655	4,236	4,532	4,399	4,201	4,038	3,827	3,709	3,635	3,504	3,461	3,505	3,640	3,940	3,938	3,839	3,789	3,598	3,343
03/10/12	3,042	2,950	2,943	2,966	3,027	3,187	3,436	3,692	3,793	3,774	3,678	3,537	3,431	3,313	3,231	3,187	3,223	3,398	3,673	3,688	3,619	3,513	3,346	3,127
03/11/12	2,939	2,869	2,842	2,873	2,920	3,062	3,249	3,468	3,557	3,541	3,484	3,385	3,295	3,189	3,119	3,073	3,142	3,351	3,605	3,672	3,607	3,505	3,272	3,023
03/12/12	2,826	2,759	2,764	2,793	2,944	3,281	3,786	4,020	3,936	3,838	3,740	3,615	3,541	3,513	3,430	3,435	3,435	3,596	3,878	3,890	3,851	3,703	3,389	3,085
03/13/12	2,901	2,851	2,800	2,833	2,944	3,318	3,788	4,007	3,932	3,792	3,697	3,617	3,523	3,496	3,428	3,413	3,429	3,597	3,844	3,858	3,806	3,673	3,398	3,091
03/14/12	2,907	2,850	2,819	2,871	2,969	3,303	3,799	4,033	3,967	3,829	3,728	3,652	3,571	3,529	3,506	3,458	3,484	3,608	3,826	3,873	3,801	3,642	3,375	3,069
03/15/12	2,907	2,849	2,817	2,872	2,970	3,304	3,801	4,036	3,972	3,828	3,728	3,651	3,571	3,530	3,507	3,456	3,477	3,605	3,826	3,873	3,802	3,645	3,375	3,070
03/16/12	3,082	3,029	3,011	3,067	3,173	3,503	4,009	4,203	4,129	3,897	3,738	3,603	3,474	3,397	3,336	3,329	3,336	3,474	3,721	3,725	3,699	3,661	3,498	3,217
03/17/12	2,943	2,872	2,834	2,882	2,948	3,179	3,555	3,787	3,825	3,755	3,656	3,521	3,471	3,375	3,288	3,288	3,333	3,593	3,839	3,794	3,674	3,595	3,396	3,116
03/18/12	2,922	2,889	2,858	2,889	2,944	3,113	3,347	3,567	3,665	3,603	3,487	3,340	3,226	3,149	3,058	3,007	3,072	3,272	3,617	3,625	3,582	3,416	3,184	2,929
03/19/12	2,618	2,582	2,538	2,568	2,709	3,009	3,463	3,615	3,608	3,553	3,526	3,453	3,429	3,391	3,371	3,360	3,357	3,458	3,613	3,676	3,578	3,439	3,142	2,830
03/20/12	2,721	2,629	2,608	2,635	2,747	3,053	3,501	3,689	3,634	3,573	3,553	3,524	3,499	3,476	3,474	3,483	3,471	3,522	3,703	3,746	3,635	3,479	3,182	2,876
03/21/12	2,907	2,850	2,819	2,871	2,969	3,303	3,799	4,033	3,967	3,829	3,728	3,652	3,571	3,529	3,506	3,458	3,484	3,608	3,826	3,873	3,801	3,642	3,375	3,069
03/22/12	2,779	2,672	2,642	2,663	2,768	3,055	3,481	3,685	3,664	3,626	3,635	3,632	3,627	3,623	3,641	3,662	3,652	3,680	3,822	3,853	3,744	3,579	3,261	2,940
03/23/12	2,724	2,662	2,656	2,664	2,742	3,023	3,492	3,672	3,650	3,592	3,561	3,549	3,494	3,493	3,477	3,455	3,456	3,477	3,573	3,604	3,512	3,399	3,169	2,929
03/24/12	2,661	2,615	2,586	2,605	2,647	2,826	3,051	3,221	3,336	3,347	3,283	3,157	3,066	2,937	2,875	2,848	2,865	2,995	3,222	3,324	3,226	3,129	2,958	2,765
03/25/12	2,647	2,593	2,563	2,583	2,614	2,748	2,918	3,059	3,148	3,163	3,105	3,013	2,934	2,837	2,751	2,737	2,747	2,911	3,179	3,357	3,285	3,142	2,927	2,660
03/26/12	2,680	2,631	2,566	2,587	2,721	2,998	3,432	3,608	3,650	3,646	3,668	3,642	3,666	3,675	3,694	3,714	3,716	3,772	3,849	3,891	3,791	3,628	3,296	2,955
03/27/12	2,754	2,654	2,628	2,650	2,758	3,053	3,488	3,684	3,649	3,606	3,601	3,587	3,574	3,562	3,572	3,590	3,582	3,617	3,773	3,808	3,699	3,536	3,228	2,914
03/28/12	2,913	2,780	2,730	2,733	2,825	3,072	3,455	3,691	3,733	3,762	3,826	3,875	3,911	3,946	4,004	4,059	4,063	4,036	4,093	4,095	3,985	3,796	3,442	3,091
03/29/12	2,946	2,805	2,750	2,753	2,842	3,081	3,456	3,700	3,759	3,794	3,871	3,931	3,977	4,021	4,087	4,145	4,147	4,113	4,156	4,152	4,042	3,849	3,485	3,128
03/30/12	2,949	2,853	2,820	2,800	2,844	3,058	3,475	3,698	3,770	3,805	3,859	3,944	3,958	4,030	4,083	4,095	4,114	4,063	4,017	3,995	3,890	3,724	3,430	3,154
03/31/12	2,746	2,681	2,631	2,636	2,660	2,817	3,013	3,189	3,335	3,393	3,384	3,311	3,272	3,191	3,164	3,171	3,192	3,276	3,432	3,513	3,410	3,287	3,086	2,864
04/01/12	2,819	2,747	2,699	2,706	2,721	2,825	2,966	3,116	3,240	3,306	3,304	3,276	3,253	3,209	3,171	3,195	3,212	3,338	3,528	3,669	3,600	3,427	3,176	2,876
04/02/12	2,825	2,769	2,691	2,708	2,839	3,107	3,534	3,725	3,792	3,814	3,861	3,857	3,907	3,937	3,976	4,011	4,016	4,051	4,090	4,121	4,017	3,843	3,490	3,131
04/03/12	2,893	2,784	2,752	2,770	2,875	3,161	3,587	3,795	3,778	3,751	3,762	3,763	3,761	3,761	3,783	3,810	3,804	3,824	3,958	3,986	3,876	3,705	3,384	3,058
04/04/12	2,870	2,767	2,739	2,759	2,867	3,160	3,594	3,796	3,765	3,726	3,729	3,720	3,709	3,701	3,715	3,735	3,728	3,759	3,908	3,942	3,831	3,666	3,351	3,031
04/05/12	2,824	2,730	2,710	2,739	2,853	3,162	3,614	3,804	3,749	3,679	3,660	3,631	3,604	3,580	3,578	3,582	3,567	3,623	3,810	3,855	3,743	3,588	3,287	2,979
04/06/12	2,839	2,775	2,766	2,773	2,850	3,130	3,600	3,784	3,766	3,713	3,685	3,678	3,626	3,629	3,616	3,595	3,597	3,615	3,704	3,734	3,639	3,523	3,288	3,044
04/07/12	2,975	2,875	2,853	2,860	2,904	3,043	3,253	3,469	3,596	3,643	3,611	3,527	3,457	3,364	3,299	3,264	3,298	3,444	3,670	3,683	3,608	3,489	3,313	3,091
04/08/12	3,159	3,094	3,071	3,111	3,166	3,319	3,524	3,770	3,860	3,827	3,742	3,611	3,497	3,368	3,287	3,236	3,312	3,544	3,829	3,895	3,833	3,726	3,487	3,227
04/09/12	2,867	2,795	2,793	2,818	2,957	3,276	3,757	3,973	3,911	3,846	3,774	3,668	3,609	3,588	3,512	3,519	3,518	3,663	3,927	3,935	3,887	3,734	3,424	3,126
04/10/12	2,920	2,864	2,808	2,834	2,934	3,284	3,734	3,939	3,887	3,781	3,713	3,652	3,574	3,555	3,497	3,483	3,498	3,641	3,869	3,889	3,830	3,693	3,418	3,113
04/11/12	2,823	2,731	2,712	2,738	2,852	3,161	3,612	3,801	3,744	3,680	3,661	3,632	3,604	3,579	3,577	3,584	3,573	3,626	3,810	3,854	3,742	3,586	3,286	2,979
04/12/12	2,910	2,796	2,762	2,779	2,883	3,163	3,584	3,797	3,790	3,764	3,785	3,793	3,797	3,802	3,829	3,856	3,849	3,865	3,990	4,016	3,906	3,735	3,406	3,076
04/13/12	3,189	3,136	3,118	3,174	3,282	3,614	4,124	4,320	4,245	4,012	3,851	3,715	3,585	3,507	3,445	3,438	3,446	3,585	3,833	3,838	3,812	3,773	3,609	3,325
04/14/12	2,789	2,736	2,701	2,716	2,753	2,927	3,146	3,319	3,444	3,468	3,420	3,308	3,232	3,115	3,063	3,046	3,064	3,182	3,390	3,487	3,386	3,281	3,100	2,897
04/15/12	3,028	2,994	2,964	2,995	3,050	3,220	3,456	3,678	3,777	3,715	3,597	3,449	3,335	3,257	3,165	3,113	3,179	3,380	3,729	3,737	3,694	3,526	3,292	3,035
04/16/12	2,809	2,756	2,682	2,700	2,833	3,105	3,536	3,722	3,780	3,793	3,831	3,818	3,859	3,881	3,912	3,942	3,946	3,989	4,042	4,077	3,975	3,804	3,458	3,105
04/17/12	2,935	2,817	2,778	2,791	2,891	3,165	3,577	3,795	3,799	3,793	3,822	3,839	3,851	3,864	3,898	3,935	3,933	3,936	4,042	4,062	3,952	3,774	3,440	3,105
04/18/12	2,947	2,827	2,787	2,798	2,898	3,166	3,574	3,795	3,804	3,803	3,840	3,862	3,877	3,894	3,932	3,971	3,971	3,969	4,067	4,084	3,974	3,795	3,457	3,118
04/19/12	2,982	2,853	2,807	2,817	2,914	3,173	3,571	3,801	3,829	3,836	3,887	3,923	3,949	3,975	4,023	4,068	4,065	4,054	4,135	4,146	4,036	3,852	3,503	3,157
04/20/12	2,967	2,883	2,858	2,849	2,905	3,145	3,583	3,792	3,830	3,832	3,855	3,904	3,894	3,940	3,969	3,969	3,981	3,955	3,958	3,957	3,856	3,708	3,435	3,169
04/21/12	2,842	2,778	2,730	2,736	2,762	2,922	3,123	3,299	3,444	3,498	3,483	3,405	3,360	3,274	3,244	3,247	3,268	3,357	3,522	3,605	3,502	3,380	3,181	2,959
04/22/12	2,837	2,760	2,709	2,713	2,724	2,822	2,955	3,108	3,240	3,316	3,326	3,313	3,302	3,270	3,242	3,273	3,292	3,410	3,582	3,715	3,646	3,467	3,209	2,902
04/23/12	2,873	2,810	2,720	2,731	2,860	3,116	3,533	3,736	3,828	3,876	3,947	3,966	4,039	4,090	4,147	4,197	4,205	4,219	4,221	4,239	4,133	3,948	3,578	3,204
04/24/12	3,102	2,951	2,889	2,886	2,972	3,202	3,567	3,823	3,901	3,962	4,055	4,131	4,189	4,246	4,323	4,396	4,404	4,350	4,369	4,353	4,241	4,038	3,662	3,292
04/25/12	3,141	2,984	2,918	2,911	2,994	3,215	3,570	3,835	3,926	4,000	4,108	4,196	4,263	4,327	4,413	4,491	4,502	4,439	4,440	4,418	4,303	4,096	3,711	3,334
04/26/12	3,174	3,009	2,939	2,932	3,013	3,228	3,576	3,849	3,954	4,032	4,151	4,249	4,323	4,394	4,487	4,568	4,576	4,508	4,500	4,471	4,356	4,146	3,752	3,370
04/27/12	3,187	3,075	3,029	2,996	3,024	3,208	3,609	3,856	3,976	4,056	4,153	4,287	4,332	4,439	4,522	4,551	4,579	4,499	4,389	4,338	4,223	4,032	3,704	3,409
04/28/12	3,302	3,174	3,042	2,999	2,952	3,046	3,156	3,370	3,644	3,878	4,081	4,188	4,338	4,403	4,502	4,610	4,640	4,576	4,508	4,496	4,349	4,141	3,833	3,511
04/29/12	3,433	3,282	3,148	3,098	3,034	3,031	3,076	3,273	3,540	3,829	4,056	4,273	4,464	4,608	4,723	4,879	4,893	4,880	4,787	4,778	4,685	4,399	4,024	3,604
04/30/12	3,197	3,113	2,974	2,971	3,101	3,311	3,698	3,959	4,174	4,332	4,514	4,631	4,811	4,944	5,080	5,193	5,217	5,145	4,985	4,915	4,771	4,529	4,068	3,610

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
05/01/12	3,529	3,313	3,213	3,192	3,271	3,481	3,836	4,181	4,359	4,511	4,699	4,860	4,982	5,094	5,232	5,357	5,374	5,254	5,181	5,110	4,968	4,709	4,232	3,772
05/02/12	3,610	3,382	3,277	3,251	3,327	3,526	3,866	4,227	4,423	4,593	4,804	4,983	5,116	5,237	5,386	5,520	5,539	5,407	5,316	5,230	5,082	4,818	4,329	3,860
05/03/12	3,399	3,202	3,115	3,103	3,190	3,419	3,798	4,120	4,261	4,371	4,526	4,656	4,755	4,848	4,965	5,068	5,079	4,987	4,953	4,907	4,773	4,528	4,071	3,628
05/04/12	3,479	3,340	3,279	3,230	3,246	3,428	3,867	4,167	4,344	4,474	4,619	4,816	4,893	5,043	5,161	5,207	5,248	5,136	4,962	4,875	4,735	4,500	4,100	3,754
05/05/12	3,156	3,048	2,950	2,929	2,922	3,063	3,236	3,451	3,680	3,835	3,931	3,946	3,999	3,990	4,026	4,092	4,122	4,135	4,189	4,236	4,104	3,917	3,633	3,326
05/06/12	2,936	2,852	2,797	2,804	2,819	2,934	3,090	3,260	3,404	3,482	3,484	3,459	3,438	3,393	3,354	3,383	3,404	3,543	3,750	3,907	3,829	3,631	3,344	3,003
05/07/12	2,929	2,867	2,781	2,800	2,949	3,253	3,737	3,950	4,022	4,045	4,094	4,087	4,140	4,172	4,212	4,251	4,256	4,298	4,347	4,383	4,267	4,071	3,675	3,271
05/08/12	3,086	2,947	2,898	2,910	3,021	3,322	3,780	4,032	4,050	4,054	4,098	4,128	4,150	4,172	4,219	4,267	4,266	4,259	4,363	4,380	4,256	4,050	3,666	3,281
05/09/12	3,059	2,926	2,883	2,897	3,011	3,319	3,784	4,030	4,033	4,025	4,060	4,080	4,092	4,106	4,145	4,186	4,184	4,188	4,308	4,330	4,206	4,006	3,628	3,250
05/10/12	3,064	2,928	2,884	2,900	3,014	3,320	3,785	4,033	4,042	4,028	4,065	4,088	4,103	4,118	4,159	4,198	4,192	4,197	4,317	4,340	4,216	4,016	3,635	3,255
05/11/12	3,100	3,005	2,976	2,965	3,028	3,297	3,791	4,027	4,072	4,077	4,105	4,162	4,152	4,206	4,240	4,241	4,255	4,224	4,224	4,222	4,108	3,939	3,630	3,329
05/12/12	3,155	3,047	2,949	2,929	2,921	3,062	3,236	3,451	3,680	3,834	3,930	3,944	3,996	3,987	4,023	4,088	4,119	4,132	4,187	4,234	4,102	3,915	3,631	3,325
05/13/12	3,129	3,010	2,918	2,898	2,880	2,939	3,041	3,229	3,440	3,618	3,729	3,825	3,909	3,962	4,007	4,104	4,133	4,201	4,261	4,346	4,266	4,014	3,665	3,267
05/14/12	3,168	3,078	2,939	2,936	3,075	3,327	3,771	4,033	4,211	4,334	4,482	4,564	4,713	4,823	4,936	5,030	5,044	5,011	4,915	4,893	4,764	4,529	4,063	3,599
05/15/12	3,464	3,258	3,164	3,146	3,229	3,448	3,814	4,148	4,307	4,443	4,614	4,760	4,871	4,974	5,102	5,218	5,234	5,125	5,070	5,010	4,872	4,619	4,153	3,701
05/16/12	3,520	3,305	3,207	3,186	3,266	3,476	3,831	4,176	4,349	4,498	4,687	4,846	4,965	5,076	5,213	5,335	5,353	5,235	5,164	5,095	4,953	4,696	4,220	3,761
05/17/12	3,571	3,347	3,245	3,224	3,302	3,505	3,853	4,207	4,397	4,551	4,752	4,924	5,052	5,169	5,313	5,439	5,453	5,331	5,251	5,173	5,028	4,768	4,283	3,817
05/18/12	3,726	3,569	3,497	3,431	3,424	3,569	3,994	4,331	4,569	4,755	4,954	5,221	5,330	5,521	5,671	5,734	5,789	5,657	5,416	5,282	5,124	4,863	4,418	4,057
05/19/12	3,497	3,350	3,198	3,148	3,093	3,197	3,320	3,563	3,877	4,148	4,385	4,511	4,687	4,765	4,881	5,006	5,039	4,963	4,879	4,862	4,694	4,456	4,104	3,738
05/20/12	3,440	3,284	3,151	3,105	3,050	3,061	3,123	3,333	3,610	3,892	4,109	4,315	4,495	4,632	4,744	4,899	4,924	4,929	4,864	4,879	4,786	4,482	4,077	3,625
05/21/12	3,620	3,498	3,290	3,260	3,397	3,590	3,996	4,302	4,599	4,817	5,064	5,225	5,466	5,629	5,801	5,940	5,956	5,881	5,661	5,556	5,403	5,143	4,610	4,084
05/22/12	3,821	3,564	3,443	3,411	3,481	3,658	3,971	4,367	4,608	4,818	5,071	5,289	5,448	5,588	5,759	5,915	5,932	5,778	5,656	5,533	5,368	5,091	4,579	4,089
05/23/12	3,911	3,643	3,519	3,484	3,551	3,720	4,021	4,433	4,688	4,911	5,183	5,417	5,583	5,728	5,906	6,068	6,086	5,925	5,794	5,657	5,483	5,204	4,682	4,185
05/24/12	3,917	3,647	3,522	3,489	3,557	3,725	4,027	4,440	4,699	4,916	5,189	5,424	5,592	5,737	5,916	6,075	6,087	5,931	5,802	5,666	5,491	5,213	4,689	4,192
05/25/12	3,938	3,770	3,696	3,618	3,595	3,716	4,139	4,502	4,781	5,000	5,234	5,552	5,676	5,892	6,057	6,128	6,195	6,057	5,780	5,612	5,439	5,164	4,689	4,322
05/26/12	4,139	3,966	3,748	3,679	3,558	3,658	3,755	4,046	4,452	4,845	5,233	5,439	5,740	5,854	6,034	6,196	6,218	6,076	5,896	5,814	5,571	5,310	4,896	4,486
05/27/12	4,153	3,958	3,764	3,694	3,583	3,565	3,609	3,863	4,209	4,623	4,950	5,258	5,532	5,722	5,865	6,074	6,052	6,014	5,855	5,814	5,676	5,318	4,861	4,343
05/28/12	4,218	4,037	3,824	3,773	3,652	3,637	3,694	3,921	4,350	4,837	5,174	5,590	5,850	5,970	6,210	6,431	6,482	6,386	6,128	6,067	5,815	5,516	5,095	4,662
05/29/12	4,389	4,052	3,894	3,841	3,892	4,019	4,261	4,735	5,038	5,302	5,628	5,909	6,091	6,231	6,420	6,598	6,599	6,445	6,326	6,151	5,959	5,696	5,173	4,680
05/30/12	4,346	4,015	3,860	3,807	3,858	3,987	4,233	4,701	5,000	5,260	5,584	5,862	6,042	6,182	6,371	6,547	6,542	6,389	6,269	6,099	5,909	5,648	5,126	4,634
05/31/12	3,934	3,661	3,536	3,503	3,570	3,737	4,037	4,453	4,715	4,934	5,210	5,448	5,617	5,763	5,943	6,103	6,116	5,958	5,827	5,689	5,513	5,234	4,708	4,210
06/01/12	4,145	3,976	3,903	3,821	3,789	3,896	4,312	4,683	4,975	5,205	5,450	5,788	5,915	6,138	6,306	6,378	6,450	6,315	6,029	5,846	5,668	5,393	4,913	4,552
06/02/12	3,710	3,557	3,393	3,337	3,269	3,365	3,475	3,724	4,055	4,352	4,623	4,773	4,978	5,071	5,204	5,338	5,370	5,276	5,163	5,128	4,948	4,705	4,343	3,971
06/03/12	3,635	3,473	3,332	3,280	3,216	3,218	3,272	3,485	3,771	4,074	4,311	4,537	4,735	4,885	5,007	5,172	5,191	5,184	5,095	5,094	4,996	4,687	4,278	3,822
06/04/12	3,673	3,555	3,356	3,328	3,462	3,655	4,054	4,353	4,637	4,845	5,082	5,236	5,468	5,626	5,792	5,926	5,941	5,869	5,659	5,562	5,413	5,159	4,641	4,128
06/05/12	3,725	3,497	3,391	3,365	3,439	3,631	3,961	4,319	4,519	4,693	4,903	5,084	5,219	5,341	5,491	5,626	5,643	5,511	5,417	5,327	5,180	4,918	4,436	3,973
06/06/12	3,686	3,464	3,362	3,337	3,412	3,608	3,944	4,295	4,485	4,649	4,853	5,026	5,155	5,272	5,417	5,547	5,565	5,438	5,351	5,269	5,124	4,866	4,388	3,929
06/07/12	3,601	3,390	3,294	3,276	3,356	3,563	3,914	4,250	4,421	4,558	4,741	4,896	5,013	5,120	5,253	5,370	5,382	5,271	5,207	5,141	5,003	4,753	4,285	3,837
06/08/12	3,367	3,251	3,206	3,176	3,215	3,435	3,888	4,150	4,258	4,325	4,410	4,534	4,568	4,669	4,747	4,771	4,797	4,722	4,632	4,590	4,468	4,268	3,922	3,603
06/09/12	3,176	3,082	3,002	2,991	2,996	3,148	3,335	3,540	3,741	3,860	3,915	3,894	3,910	3,872	3,883	3,927	3,954	3,997	4,094	4,157	4,034	3,867	3,609	3,328
06/10/12	3,278	3,153	3,055	3,030	3,005	3,052	3,143	3,331	3,552	3,748	3,879	3,997	4,099	4,170	4,230	4,338	4,367	4,420	4,451	4,519	4,439	4,181	3,827	3,425
06/11/12	3,497	3,389	3,215	3,197	3,330	3,544	3,955	4,239	4,483	4,661	4,865	4,994	5,196	5,340	5,488	5,609	5,625	5,562	5,390	5,323	5,184	4,936	4,439	3,947
06/12/12	3,726	3,497	3,391	3,366	3,439	3,631	3,962	4,320	4,520	4,693	4,904	5,085	5,220	5,342	5,492	5,627	5,644	5,511	5,418	5,328	5,181	4,919	4,437	3,973
06/13/12	3,900	3,649	3,533	3,500	3,569	3,741	4,047	4,436	4,670	4,875	5,125	5,339	5,494	5,630	5,798	5,949	5,967	5,817	5,697	5,578	5,415	5,145	4,642	4,162
06/14/12	3,892	3,640	3,523	3,494	3,563	3,736	4,045	4,433	4,668	4,865	5,113	5,326	5,480	5,617	5,783	5,931	5,944	5,798	5,682	5,566	5,404	5,136	4,632	4,153
06/15/12	3,924	3,763	3,691	3,619	3,604	3,732	4,147	4,492	4,748	4,949	5,164	5,454	5,570	5,772	5,928	5,994	6,055	5,921	5,664	5,513	5,351	5,087	4,634	4,276
06/16/12	3,971	3,806	3,614	3,550	3,455	3,548	3,647	3,916	4,287	4,636	4,972	5,157	5,416	5,526	5,687	5,837	5,865	5,743	5,588	5,523	5,313	5,059	4,670	4,278
06/17/12	3,925	3,746	3,578	3,515	3,427	3,414	3,459	3,689	4,007	4,368	4,655	4,928	5,169	5,345	5,484	5,672	5,674	5,646	5,512	5,484	5,367	5,034	4,601	4,117
06/18/12	4,136	4,001	3,743	3,697	3,841	3,995	4,373	4,693	5,060	5,317	5,615	5,805	6,092	6,258	6,449	6,599	6,610	6,540	6,270	6,111	5,942	5,689	5,135	4,584
06/19/12	4,267	3,972	3,836	3,799	3,862	4,010	4,279	4,725	5,014	5,266	5,573	5,838	6,021	6,171	6,362	6,539	6,549	6,378	6,237	6,064	5,869	5,587	5,057	4,555
06/20/12	4,713	4,370	4,223	4,183	4,246	4,373	4,602	5,114	5,445	5,732	6,093	6,405	6,600	6,745	6,952	7,148	7,146	6,962	6,821	6,600	6,365	6,082	5,535	5,020
06/21/12	4,409	4,097	3,958	3,921	3,984	4,124	4,380	4,849	5,155	5,413	5,740	6,023	6,211	6,362	6,559	6,739	6,743	6,571	6,431	6,241	6,032	5,752	5,212	4,704
06/22/12	4,325	4,152	4,081	3,992	3,948	4,040	4,460	4,849	5,163	5,409	5,673	6,045	6,173	6,408	6,583	6,655	6,737	6,605	6,302	6,097	5,910	5,629	5,131	4,771
06/23/12	4,241	4,071	3,855	3,787	3,666	3,765	3,860	4,146	4,547	4,935	5,319	5,522	5,821	5,932	6,110	6,269	6,290	6,150	5,972	5,890	5,649	5,394	4,987	4,583
06/24/12	4,704	4,506	4,287	4,220	4,080	4,068	4,114	4,390	4,752	5,211	5,566	5,896	6,192	6,381	6,513	6,742	6,680	6,642	6,467	6,436	6,282	5,908	5,440	4,889
06/25/12	4,544	4,406	4,095	4,039	4,203	4,332	4,700	5,030	5,451	5,731	6,070	6,275	6,597	6,754	6,955	7,110	7,111	7,059	6,754	6,563	6,382	6,144	5,572	4,998
06/26/12	5,337	4,889	4,687	4,611	4,644	4,698	4,815	5,393	5,743	6,037	6,415	6,744	6,907	6,990	7,183	7,365	7,363	7,207	7,132	6,948	6,751	6,545	6,062	5,618
06/27/12	5,031	4,617	4,426	4,351	4,382	4,456	4,613	5,144	5,468	5,742	6,099	6,406	6,568	6,665	6,848	7,020	7,070	6,931	6,856	6,673	6,478	6,261	5,771	5,318
06/28/12	4,730	4,385	4,236	4,198	4,263	4,388	4,617	5,133	5,468	5,749	6,112	6,426	6,622	6,767	6,974	7,168	7,161	6,980	6,842	6,620	6,384	6,103	5,553	5,038
06/29/12	4,573	4,397	4,333	4,235	4,174	4,247	4,675	5,085	5,420	5,680	5,965	6,376	6,500	6,749	6,928	6,996	7,092	6,967	6,644	6,417	6,220	5,932	5,416	5,062
06/30/12	4,195	4,025	3,813	3,746	3,629	3,727	3,822	4,106	4,502	4,885	5,261	5,462	5,755	5,867	6,042	6,200	6,223	6,085	5,910	5,830	5,594	5,339	4,934	4,532

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
07/01/12	4,363	4,188	4,012	3,949	3,846	3,831	3,871	4,099	4,410	4,785	5,081	5,358	5,605	5,775	5,901	6,089	6,065	6,030	5,887	5,849	5,724	5,403	4,995	4,531
07/02/12	4,539	4,414	4,139	4,089	4,234	4,354	4,688	4,986	5,361	5,612	5,914	6,099	6,387	6,531	6,712	6,851	6,854	6,804	6,532	6,362	6,199	5,981	5,464	4,947
07/03/12	4,708	4,401	4,267	4,232	4,289	4,406	4,617	5,076	5,374	5,633	5,953	6,232	6,409	6,542	6,728	6,905	6,904	6,737	6,611	6,413	6,203	5,946	5,452	4,986
07/04/12	4,898	4,768	4,555	4,528	4,386	4,366	4,436	4,649	5,043	5,495	5,812	6,294	6,568	6,644	6,877	7,080	7,069	6,933	6,657	6,559	6,276	6,035	5,740	5,401
07/05/12	5,153	4,799	4,655	4,622	4,684	4,778	4,944	5,472	5,807	6,087	6,450	6,768	6,948	7,066	7,266	7,455	7,436	7,251	7,127	6,901	6,663	6,412	5,908	5,439
07/06/12	4,911	4,751	4,704	4,606	4,529	4,570	4,964	5,356	5,676	5,919	6,194	6,609	6,709	6,946	7,113	7,166	7,270	7,160	6,843	6,621	6,437	6,170	5,687	5,376
07/07/12	4,744	4,591	4,361	4,299	4,149	4,261	4,344	4,619	5,013	5,402	5,801	5,989	6,307	6,392	6,561	6,721	6,727	6,573	6,393	6,316	6,059	5,841	5,454	5,079
07/08/12	5,087	4,911	4,693	4,642	4,488	4,483	4,517	4,790	5,135	5,587	5,930	6,256	6,550	6,728	6,849	7,093	7,006	6,969	6,781	6,781	6,645	6,282	5,834	5,284
07/09/12	5,268	5,172	4,780	4,731	4,940	5,038	5,350	5,661	6,122	6,404	6,795	6,998	7,365	7,504	7,709	7,867	7,843	7,814	7,432	7,284	7,131	6,962	6,418	5,862
07/10/12	5,806	5,371	5,197	5,150	5,210	5,237	5,287	5,917	6,315	6,648	7,056	7,424	7,600	7,684	7,916	8,127	8,115	7,851	7,682	7,473	7,249	7,016	6,522	6,074
07/11/12	5,654	5,247	5,089	5,052	5,120	5,174	5,265	5,875	6,259	6,584	6,988	7,349	7,532	7,629	7,857	8,068	8,042	7,794	7,633	7,402	7,157	6,908	6,400	5,933
07/12/12	5,085	4,738	4,596	4,562	4,623	4,721	4,895	5,412	5,742	6,017	6,375	6,687	6,867	6,987	7,185	7,371	7,355	7,175	7,052	6,829	6,594	6,342	5,839	5,370
07/13/12	4,766	4,606	4,553	4,460	4,393	4,447	4,839	5,221	5,534	5,774	6,042	6,436	6,543	6,774	6,939	6,997	7,093	6,982	6,677	6,462	6,280	6,016	5,540	5,224
07/14/12	4,647	4,493	4,271	4,208	4,068	4,174	4,258	4,531	4,919	5,302	5,691	5,880	6,188	6,277	6,446	6,601	6,610	6,463	6,287	6,208	5,958	5,737	5,353	4,980
07/15/12	4,802	4,623	4,421	4,361	4,229	4,220	4,261	4,516	4,847	5,269	5,594	5,897	6,170	6,341	6,459	6,672	6,610	6,575	6,414	6,389	6,249	5,906	5,479	4,972
07/16/12	4,651	4,526	4,236	4,185	4,337	4,451	4,782	5,082	5,471	5,727	6,040	6,227	6,524	6,666	6,848	6,989	6,988	6,944	6,662	6,487	6,322	6,110	5,589	5,066
07/17/12	4,911	4,583	4,444	4,408	4,467	4,575	4,767	5,257	5,571	5,843	6,183	6,479	6,659	6,785	6,977	7,161	7,153	6,979	6,855	6,640	6,416	6,160	5,662	5,194
07/18/12	4,655	4,353	4,222	4,186	4,243	4,361	4,576	5,027	5,319	5,574	5,892	6,167	6,342	6,475	6,660	6,834	6,835	6,671	6,543	6,350	6,144	5,888	5,395	4,930
07/19/12	4,716	4,407	4,273	4,239	4,297	4,413	4,623	5,085	5,384	5,637	5,961	6,242	6,419	6,551	6,738	6,911	6,907	6,744	6,619	6,421	6,211	5,956	5,459	4,993
07/20/12	4,677	4,517	4,461	4,371	4,311	4,372	4,761	5,137	5,445	5,683	5,945	6,327	6,437	6,665	6,828	6,888	6,979	6,866	6,569	6,359	6,179	5,917	5,446	5,127
07/21/12	4,594	4,440	4,222	4,159	4,024	4,127	4,212	4,482	4,868	5,247	5,630	5,819	6,122	6,213	6,381	6,535	6,546	6,401	6,228	6,148	5,903	5,679	5,298	4,925
07/22/12	4,044	3,881	3,728	3,670	3,589	3,577	3,617	3,827	4,116	4,446	4,708	4,957	5,178	5,338	5,464	5,636	5,636	5,610	5,487	5,460	5,353	5,050	4,657	4,218
07/23/12	4,413	4,288	4,030	3,982	4,121	4,248	4,585	4,880	5,239	5,484	5,774	5,955	6,232	6,379	6,558	6,696	6,702	6,646	6,384	6,223	6,063	5,840	5,329	4,818
07/24/12	4,184	3,934	3,818	3,786	3,844	3,988	4,246	4,626	4,868	5,080	5,336	5,556	5,713	5,845	6,010	6,161	6,174	6,026	5,904	5,768	5,604	5,353	4,883	4,435
07/25/12	4,169	3,921	3,807	3,774	3,833	3,976	4,235	4,613	4,852	5,062	5,317	5,536	5,691	5,822	5,986	6,136	6,150	6,003	5,880	5,747	5,585	5,334	4,865	4,418
07/26/12	4,295	4,031	3,911	3,879	3,936	4,072	4,319	4,718	4,976	5,194	5,468	5,704	5,867	6,002	6,173	6,328	6,335	6,186	6,061	5,911	5,737	5,485	5,005	4,552
07/27/12	4,449	4,291	4,229	4,146	4,101	4,180	4,563	4,920	5,210	5,437	5,682	6,029	6,145	6,361	6,520	6,585	6,663	6,545	6,265	6,074	5,902	5,645	5,189	4,865
07/28/12	4,204	4,051	3,865	3,804	3,705	3,791	3,879	4,131	4,483	4,821	5,151	5,329	5,585	5,686	5,842	5,983	6,005	5,884	5,731	5,662	5,456	5,224	4,862	4,501
07/29/12	4,585	4,407	4,217	4,155	4,037	4,024	4,065	4,307	4,628	5,029	5,341	5,631	5,892	6,062	6,184	6,383	6,340	6,305	6,153	6,118	5,983	5,652	5,234	4,751
07/30/12	4,918	4,800	4,472	4,418	4,590	4,694	5,019	5,323	5,742	6,009	6,350	6,542	6,864	6,999	7,187	7,331	7,322	7,290	6,978	6,801	6,635	6,439	5,909	5,373
07/31/12	4,991	4,655	4,515	4,479	4,539	4,643	4,827	5,328	5,649	5,926	6,273	6,576	6,756	6,880	7,074	7,261	7,250	7,072	6,948	6,729	6,499	6,244	5,745	5,276
08/01/12	4,850	4,519	4,378	4,340	4,400	4,518	4,729	5,225	5,543	5,820	6,167	6,469	6,655	6,790	6,989	7,176	7,173	6,996	6,863	6,648	6,421	6,153	5,632	5,143
08/02/12	5,059	4,705	4,559	4,523	4,586	4,694	4,886	5,414	5,752	6,034	6,401	6,721	6,909	7,038	7,243	7,434	7,420	7,237	7,109	6,880	6,639	6,374	5,848	5,357
08/03/12	4,893	4,725	4,673	4,573	4,498	4,548	4,959	5,365	5,697	5,950	6,234	6,658	6,767	7,012	7,185	7,244	7,349	7,233	6,908	6,679	6,487	6,208	5,706	5,377
08/04/12	4,474	4,312	4,097	4,032	3,905	4,004	4,094	4,372	4,764	5,146	5,529	5,725	6,025	6,126	6,299	6,454	6,471	6,330	6,154	6,072	5,830	5,591	5,198	4,812
08/05/12	4,849	4,661	4,450	4,387	4,249	4,239	4,283	4,549	4,895	5,337	5,678	5,995	6,280	6,459	6,583	6,806	6,741	6,704	6,536	6,510	6,363	6,004	5,556	5,027
08/06/12	4,965	4,841	4,499	4,443	4,621	4,731	5,071	5,390	5,828	6,107	6,463	6,664	7,000	7,142	7,339	7,489	7,480	7,446	7,121	6,935	6,761	6,555	6,000	5,440
08/07/12	5,158	4,795	4,645	4,609	4,672	4,776	4,957	5,499	5,843	6,139	6,512	6,838	7,027	7,153	7,360	7,559	7,545	7,352	7,221	6,986	6,740	6,474	5,949	5,458
08/08/12	5,213	4,845	4,695	4,657	4,721	4,821	4,994	5,545	5,893	6,192	6,571	6,903	7,091	7,214	7,424	7,624	7,609	7,413	7,280	7,043	6,794	6,529	6,003	5,512
08/09/12	5,056	4,703	4,556	4,520	4,584	4,691	4,883	5,411	5,748	6,031	6,397	6,717	6,905	7,034	7,239	7,430	7,416	7,233	7,105	6,876	6,636	6,371	5,845	5,354
08/10/12	5,940	5,753	5,726	5,566	5,369	5,261	5,624	6,055	6,388	6,624	6,935	7,473	7,502	7,775	7,978	7,968	8,127	7,993	7,526	7,356	7,239	6,955	6,480	6,231
08/11/12	5,513	5,366	5,061	4,998	4,759	4,919	4,982	5,261	5,701	6,139	6,608	6,795	7,200	7,268	7,440	7,673	7,657	7,409	7,168	7,149	6,847	6,653	6,223	5,805
08/12/12	4,821	4,633	4,423	4,360	4,224	4,214	4,257	4,522	4,867	5,306	5,645	5,960	6,244	6,422	6,547	6,768	6,705	6,669	6,501	6,474	6,327	5,971	5,524	4,998
08/13/12	5,194	5,082	4,701	4,646	4,847	4,951	5,285	5,607	6,071	6,359	6,744	6,951	7,313	7,454	7,659	7,817	7,799	7,770	7,407	7,233	7,065	6,875	6,312	5,739
08/14/12	5,175	4,811	4,660	4,623	4,687	4,790	4,969	5,513	5,859	6,156	6,530	6,858	7,047	7,172	7,380	7,579	7,565	7,371	7,239	7,004	6,757	6,491	5,966	5,475
08/15/12	5,153	4,791	4,643	4,605	4,669	4,771	4,952	5,493	5,836	6,132	6,506	6,833	7,021	7,146	7,354	7,552	7,539	7,346	7,215	6,980	6,734	6,469	5,943	5,452
08/16/12	5,156	4,792	4,643	4,608	4,672	4,775	4,956	5,499	5,844	6,133	6,508	6,836	7,024	7,150	7,357	7,552	7,535	7,346	7,217	6,984	6,737	6,474	5,946	5,455
08/17/12	4,888	4,720	4,668	4,568	4,493	4,544	4,955	5,360	5,692	5,945	6,229	6,652	6,761	7,006	7,179	7,238	7,342	7,227	6,902	6,673	6,481	6,203	5,701	5,372
08/18/12	4,546	4,384	4,163	4,097	3,964	4,067	4,156	4,437	4,835	5,223	5,615	5,813	6,120	6,219	6,394	6,551	6,566	6,420	6,242	6,158	5,910	5,672	5,276	4,888
08/19/12	4,813	4,625	4,415	4,352	4,217	4,206	4,250	4,514	4,859	5,297	5,635	5,950	6,233	6,412	6,536	6,756	6,695	6,658	6,491	6,463	6,317	5,961	5,515	4,989
08/20/12	4,835	4,707	4,384	4,328	4,497	4,611	4,955	5,271	5,695	5,968	6,310	6,509	6,832	6,977	7,171	7,320	7,315	7,275	6,966	6,779	6,605	6,390	5,840	5,286
08/21/12	4,943	4,602	4,457	4,420	4,481	4,596	4,799	5,308	5,635	5,918	6,272	6,580	6,768	6,901	7,102	7,294	7,286	7,105	6,974	6,752	6,519	6,251	5,729	5,239
08/22/12	4,443	4,155	4,025	3,988	4,047	4,183	4,430	4,865	5,146	5,393	5,696	5,958	6,133	6,275	6,460	6,631	6,640	6,476	6,340	6,167	5,973	5,706	5,199	4,719
08/23/12	4,814	4,485	4,344	4,308	4,369	4,488	4,704	5,195	5,513	5,781	6,125	6,424	6,610	6,747	6,944	7,128	7,121	6,949	6,819	6,608	6,383	6,117	5,595	5,106
08/24/12	4,906	4,738	4,686	4,586	4,510	4,559	4,971	5,377	5,709	5,963	6,248	6,673	6,782	7,027	7,201	7,259	7,364	7,249	6,922	6,693	6,501	6,222	5,719	5,391
08/25/12	4,449	4,287	4,073	4,008	3,884	3,982	4,072	4,348	4,738	5,118	5,498	5,693	5,990	6,092	6,265	6,419	6,436	6,296	6,122	6,041	5,801	5,561	5,170	4,784
08/26/12	4,423	4,239	4,053	3,987	3,878	3,861	3,903	4,144	4,471	4,867	5,180	5,472	5,733	5,911	6,043	6,241	6,213	6,177	6,025	5,986	5,853	5,516	5,087	4,598
08/27/12	4,489	4,358	4,082	4,031	4,178	4,309	4,661	4,971	5,353	5,611	5,919	6,110	6,404	6,557	6,744	6,890	6,895	6,839	6,561	6,388	6,220	5,988	5,451	4,914
08/28/12	4,321	4,046	3,920	3,884	3,944	4,087	4,347	4,763	5,031	5,266	5,551	5,797	5,968	6,109	6,288	6,454	6,465	6,304	6,172	6,014	5,832	5,566	5,066	4,591
08/29/12	4,143	3,889	3,772	3,738	3,801	3,954	4,230	4,619	4,862	5,075	5,334	5,557	5,715	5,851	6,019	6,173	6,188	6,037	5,912	5,780	5,614	5,353	4,865	4,400
08/30/12	4,481	4,187	4,055	4,020	4,080	4,214	4,459	4,900	5,188	5,431	5,739	6,005	6,183	6,326	6,512	6,682	6,686	6,524	6,391	6,214	6,017	5,751	5,240	4,759
08/31/12	4,479	4,314	4,249	4,162	4,116	4,199	4,599	4,973	5,276	5,514	5,770	6,132	6,254	6,480	6,647	6,715	6,795	6,672	6,380	6,180	6,000	5,731	5,254	4,914

APS Own Load Hourly mW Forecast

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Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
09/01/12	3,740	3,576	3,390	3,327	3,237	3,330	3,431	3,696	4,060	4,400	4,724	4,903	5,152	5,260	5,417	5,564	5,593	5,476	5,328	5,268	5,065	4,811	4,427	4,037
09/02/12	3,923	3,735	3,555	3,488	3,387	3,371	3,414	3,655	3,987	4,375	4,683	4,975	5,233	5,417	5,558	5,757	5,746	5,711	5,563	5,526	5,398	5,054	4,611	4,113
09/03/12	4,147	3,969	3,758	3,708	3,588	3,573	3,629	3,851	4,275	4,757	5,090	5,504	5,762	5,880	6,117	6,335	6,382	6,285	6,028	5,967	5,713	5,419	5,007	4,584
09/04/12	4,107	3,810	3,674	3,636	3,699	3,846	4,115	4,564	4,854	5,109	5,418	5,685	5,869	6,019	6,211	6,389	6,399	6,228	6,086	5,911	5,714	5,431	4,900	4,396
09/05/12	4,398	4,070	3,926	3,886	3,949	4,082	4,323	4,816	5,135	5,413	5,760	6,059	6,252	6,400	6,604	6,794	6,797	6,617	6,474	6,266	6,042	5,759	5,214	4,701
09/06/12	4,849	4,461	4,295	4,247	4,304	4,405	4,594	5,146	5,496	5,786	6,166	6,496	6,685	6,809	7,016	7,209	7,211	7,034	6,917	6,692	6,454	6,193	5,655	5,155
09/07/12	4,299	4,124	4,057	3,962	3,907	3,989	4,414	4,817	5,145	5,400	5,678	6,075	6,202	6,446	6,623	6,694	6,784	6,656	6,340	6,121	5,928	5,641	5,131	4,773
09/08/12	4,308	4,137	3,901	3,832	3,689	3,799	3,893	4,191	4,612	5,025	5,442	5,651	5,978	6,082	6,267	6,434	6,448	6,293	6,104	6,016	5,751	5,501	5,081	4,671
09/09/12	4,500	4,301	4,084	4,017	3,878	3,865	3,912	4,187	4,548	5,005	5,358	5,687	5,982	6,170	6,303	6,531	6,472	6,433	6,260	6,227	6,073	5,700	5,233	4,685
09/10/12	4,808	4,671	4,284	4,214	4,401	4,503	4,849	5,176	5,639	5,927	6,303	6,507	6,861	6,999	7,200	7,350	7,348	7,335	6,998	6,824	6,661	6,470	5,901	5,323
09/11/12	4,562	4,216	4,067	4,027	4,091	4,218	4,446	4,963	5,297	5,587	5,947	6,261	6,458	6,603	6,811	7,008	7,005	6,819	6,680	6,456	6,219	5,935	5,387	4,871
09/12/12	4,560	4,215	4,067	4,027	4,091	4,216	4,444	4,961	5,294	5,583	5,946	6,260	6,456	6,601	6,809	7,006	7,004	6,818	6,678	6,454	6,217	5,934	5,385	4,868
09/13/12	4,319	3,997	3,855	3,818	3,881	4,017	4,267	4,749	5,063	5,329	5,666	5,959	6,150	6,300	6,500	6,685	6,686	6,511	6,371	6,172	5,955	5,673	5,129	4,618
09/14/12	4,304	4,129	4,062	3,967	3,912	3,993	4,419	4,821	5,150	5,406	5,684	6,081	6,208	6,452	6,630	6,701	6,791	6,663	6,347	6,128	5,934	5,647	5,136	4,779
09/15/12	4,207	4,036	3,808	3,739	3,605	3,711	3,805	4,098	4,513	4,916	5,321	5,528	5,844	5,952	6,135	6,298	6,316	6,166	5,981	5,894	5,639	5,386	4,971	4,563
09/16/12	4,343	4,146	3,938	3,869	3,740	3,725	3,771	4,037	4,391	4,831	5,175	5,495	5,782	5,970	6,106	6,324	6,279	6,240	6,073	6,034	5,885	5,520	5,059	4,527
09/17/12	4,282	4,144	3,844	3,790	3,949	4,083	4,453	4,782	5,193	5,469	5,800	6,004	6,319	6,479	6,679	6,833	6,836	6,780	6,481	6,295	6,116	5,873	5,303	4,733
09/18/12	4,321	4,001	3,858	3,818	3,881	4,018	4,268	4,749	5,062	5,335	5,670	5,961	6,153	6,303	6,503	6,692	6,696	6,517	6,375	6,174	5,958	5,674	5,133	4,621
09/19/12	4,380	4,053	3,910	3,870	3,932	4,066	4,310	4,800	5,117	5,394	5,738	6,036	6,228	6,377	6,579	6,769	6,773	6,593	6,450	6,244	6,021	5,738	5,194	4,681
09/20/12	4,325	4,003	3,860	3,823	3,886	4,022	4,271	4,754	5,069	5,335	5,673	5,966	6,157	6,308	6,508	6,693	6,693	6,519	6,379	6,179	5,962	5,680	5,136	4,624
09/21/12	3,858	3,692	3,619	3,542	3,518	3,636	4,052	4,410	4,686	4,903	5,134	5,449	5,572	5,785	5,948	6,018	6,084	5,949	5,675	5,508	5,338	5,067	4,599	4,238
09/22/12	3,846	3,679	3,482	3,417	3,317	3,410	3,508	3,781	4,159	4,517	4,863	5,053	5,321	5,432	5,598	5,750	5,777	5,650	5,490	5,421	5,205	4,949	4,555	4,160
09/23/12	3,463	3,301	3,159	3,108	3,043	3,045	3,098	3,312	3,600	3,903	4,141	4,369	4,568	4,718	4,841	5,006	5,025	5,017	4,928	4,927	4,829	4,518	4,109	3,651
09/24/12	3,441	3,326	3,134	3,110	3,243	3,443	3,847	4,141	4,414	4,613	4,841	4,988	5,211	5,365	5,527	5,657	5,673	5,603	5,404	5,316	5,170	4,917	4,404	3,896
09/25/12	4,087	3,792	3,657	3,619	3,682	3,831	4,101	4,547	4,835	5,088	5,394	5,659	5,841	5,992	6,182	6,360	6,370	6,199	6,058	5,886	5,690	5,408	4,878	4,375
09/26/12	3,774	3,516	3,397	3,363	3,431	3,599	3,901	4,298	4,541	4,754	5,013	5,235	5,395	5,534	5,706	5,861	5,879	5,725	5,599	5,473	5,305	5,033	4,524	4,040
09/27/12	3,494	3,272	3,171	3,150	3,226	3,425	3,765	4,115	4,303	4,456	4,656	4,827	4,954	5,070	5,213	5,338	5,351	5,230	5,150	5,071	4,928	4,672	4,194	3,736
09/28/12	3,847	3,682	3,609	3,532	3,509	3,628	4,044	4,401	4,674	4,890	5,120	5,432	5,554	5,767	5,929	5,999	6,064	5,929	5,657	5,491	5,322	5,051	4,585	4,224
09/29/12	3,306	3,171	3,037	2,995	2,954	3,064	3,196	3,426	3,712	3,946	4,141	4,237	4,378	4,434	4,528	4,636	4,669	4,616	4,567	4,568	4,415	4,193	3,865	3,521
09/30/12	3,042	2,926	2,837	2,818	2,802	2,862	2,964	3,148	3,353	3,524	3,630	3,720	3,798	3,847	3,888	3,981	4,010	4,078	4,143	4,228	4,151	3,905	3,564	3,175
10/01/12	2,944	2,862	2,737	2,737	2,870	3,116	3,542	3,785	3,941	4,046	4,175	4,243	4,372	4,468	4,567	4,651	4,663	4,640	4,565	4,552	4,432	4,213	3,778	3,345
10/02/12	3,135	2,959	2,883	2,874	2,960	3,191	3,564	3,856	3,967	4,059	4,184	4,289	4,370	4,446	4,545	4,637	4,648	4,571	4,559	4,527	4,404	4,176	3,756	3,346
10/03/12	3,195	3,009	2,928	2,914	2,997	3,216	3,575	3,879	4,009	4,119	4,265	4,386	4,478	4,565	4,676	4,776	4,790	4,700	4,667	4,624	4,496	4,263	3,831	3,412
10/04/12	3,261	3,064	2,975	2,960	3,039	3,247	3,595	3,913	4,066	4,187	4,351	4,491	4,596	4,693	4,815	4,922	4,933	4,834	4,783	4,728	4,597	4,359	3,914	3,485
10/05/12	3,294	3,159	3,101	3,053	3,067	3,236	3,651	3,940	4,112	4,240	4,383	4,575	4,650	4,796	4,912	4,957	4,996	4,888	4,717	4,630	4,497	4,271	3,888	3,557
10/06/12	3,181	3,052	2,923	2,883	2,845	2,952	3,081	3,303	3,577	3,800	3,985	4,076	4,208	4,261	4,349	4,453	4,484	4,435	4,391	4,394	4,247	4,034	3,719	3,387
10/07/12	3,347	3,190	3,052	3,002	2,939	2,941	2,992	3,199	3,478	3,772	4,003	4,224	4,418	4,564	4,682	4,843	4,861	4,853	4,766	4,764	4,669	4,368	3,972	3,529
10/08/12	3,387	3,272	3,078	3,050	3,180	3,366	3,752	4,042	4,320	4,523	4,754	4,904	5,130	5,283	5,445	5,576	5,591	5,520	5,315	5,220	5,075	4,829	4,325	3,828
10/09/12	3,678	3,424	3,305	3,273	3,338	3,499	3,787	4,176	4,418	4,630	4,885	5,104	5,263	5,400	5,568	5,723	5,738	5,586	5,463	5,334	5,170	4,904	4,410	3,939
10/10/12	3,707	3,449	3,331	3,297	3,361	3,519	3,803	4,197	4,443	4,658	4,919	5,144	5,304	5,442	5,613	5,768	5,785	5,631	5,505	5,372	5,205	4,939	4,442	3,968
10/11/12	3,707	3,448	3,329	3,297	3,362	3,520	3,805	4,200	4,448	4,657	4,918	5,144	5,305	5,443	5,614	5,766	5,778	5,628	5,504	5,373	5,206	4,941	4,442	3,969
10/12/12	3,791	3,636	3,572	3,502	3,482	3,598	4,008	4,368	4,651	4,875	5,114	5,438	5,566	5,785	5,953	6,029	6,103	5,957	5,670	5,484	5,301	5,021	4,545	4,181
10/13/12	3,379	3,233	3,078	3,026	2,963	3,057	3,167	3,405	3,720	4,000	4,253	4,391	4,582	4,668	4,792	4,919	4,950	4,864	4,762	4,732	4,563	4,329	3,983	3,625
10/14/12	3,223	3,076	2,952	2,909	2,858	2,871	2,930	3,129	3,390	3,653	3,855	4,047	4,215	4,341	4,446	4,591	4,615	4,622	4,565	4,582	4,494	4,207	3,825	3,397
10/15/12	3,155	3,055	2,894	2,879	3,008	3,222	3,625	3,895	4,117	4,280	4,466	4,583	4,768	4,901	5,038	5,150	5,165	5,110	4,957	4,901	4,769	4,531	4,057	3,588
10/16/12	3,193	3,008	2,925	2,912	2,995	3,215	3,576	3,879	4,010	4,119	4,262	4,383	4,476	4,562	4,673	4,773	4,786	4,696	4,664	4,621	4,494	4,260	3,830	3,410
10/17/12	3,171	2,990	2,911	2,899	2,983	3,206	3,570	3,869	3,992	4,094	4,233	4,349	4,436	4,518	4,625	4,721	4,735	4,650	4,625	4,586	4,460	4,229	3,801	3,386
10/18/12	3,133	2,957	2,881	2,874	2,961	3,191	3,565	3,857	3,970	4,054	4,181	4,286	4,366	4,442	4,541	4,628	4,636	4,564	4,555	4,524	4,401	4,175	3,753	3,344
10/19/12	3,122	3,005	2,958	2,925	2,958	3,161	3,594	3,855	3,975	4,053	4,149	4,283	4,326	4,435	4,519	4,547	4,576	4,495	4,388	4,338	4,217	4,016	3,670	3,356
10/20/12	3,030	2,919	2,814	2,788	2,771	2,896	3,049	3,257	3,493	3,664	3,785	3,824	3,900	3,913	3,965	4,041	4,071	4,063	4,082	4,114	3,983	3,793	3,509	3,204
10/21/12	2,869	2,768	2,693	2,683	2,678	2,752	2,866	3,038	3,216	3,351	3,421	3,472	3,516	3,536	3,552	3,622	3,648	3,735	3,840	3,944	3,870	3,649	3,338	2,978
10/22/12	2,844	2,772	2,668	2,677	2,814	3,080	3,521	3,746	3,861	3,927	4,018	4,052	4,146	4,213	4,285	4,347	4,356	4,360	4,340	4,351	4,236	4,031	3,624	3,213
10/23/12	2,932	2,794	2,743	2,752	2,854	3,132	3,557	3,804	3,835	3,852	3,905	3,944	3,974	4,004	4,056	4,109	4,110	4,092	4,174	4,184	4,066	3,866	3,493	3,120
10/24/12	2,919	2,784	2,737	2,746	2,850	3,130	3,558	3,802	3,826	3,837	3,888	3,923	3,948	3,973	4,023	4,072	4,073	4,060	4,149	4,161	4,043	3,846	3,475	3,106
10/25/12	2,906	2,772	2,727	2,739	2,845	3,129	3,562	3,804	3,824	3,822	3,868	3,898	3,920	3,942	3,987	4,030	4,026	4,022	4,121	4,138	4,020	3,826	3,457	3,091
10/26/12	2,851	2,769	2,750	2,748	2,818	3,093	3,578	3,789	3,804	3,781	3,783	3,809	3,779	3,809	3,821	3,812	3,820	3,811	3,853	3,867	3,762	3,617	3,342	3,067
10/27/12	2,734	2,674	2,633	2,647	2,684	2,867	3,097	3,283	3,422	3,456	3,413	3,302	3,228	3,111	3,061	3,048	3,068	3,187	3,399	3,499	3,391	3,273	3,075	2,852
10/28/12	2,741	2,666	2,618	2,628	2,646	2,763	2,918	3,078	3,206	3,268	3,256	3,217	3,183	3,127	3,078	3,097	3,115	3,257	3,473	3,631	3,556	3,375	3,112	2,795
10/29/12	2,757	2,672	2,667	2,688	2,825	3,141	3,625	3,843	3,806	3,770	3,714	3,616	3,562	3,542	3,466	3,476	3,478	3,618	3,885	3,882	3,824	3,655	3,333	3,023
10/30/12	2,986	2,934	2,880	2,919	3,041	3,455	3,970	4,211	4,124	3,961	3,848	3,754	3,646	3,614	3,537	3,520	3,538	3,729	4,005	4,018	3,963	3,821	3,522	3,189
10/31/12	2,838	2,776	2,717	2,741	2,845	3,211	3,683	3,899	3,850	3,747	3,683	3,624	3,544	3,526	3,466	3,451	3,467	3,615	3,854	3,876	3,811	3,664	3,369	3,043

APS Own Load Hourly mW Forecast

Date	Hour1	Hour2	Hour3	Hour4	Hour5	Hour6	Hour7	Hour8	Hour9	Hour10	Hour11	Hour12	Hour13	Hour14	Hour15	Hour16	Hour17	Hour18	Hour19	Hour20	Hour21	Hour22	Hour23	Hour24
11/01/12	2,799	2,706	2,688	2,719	2,837	3,157	3,623	3,815	3,752	3,674	3,648	3,614	3,582	3,553	3,545	3,547	3,530	3,593	3,793	3,842	3,727	3,571	3,267	2,956
11/02/12	2,811	2,748	2,741	2,751	2,832	3,124	3,608	3,793	3,767	3,706	3,672	3,657	3,599	3,596	3,578	3,554	3,555	3,579	3,680	3,714	3,619	3,504	3,268	3,022
11/03/12	2,721	2,680	2,659	2,683	2,734	2,927	3,170	3,344	3,450	3,445	3,358	3,208	3,095	2,944	2,867	2,826	2,841	2,994	3,254	3,367	3,266	3,176	3,012	2,824
11/04/12	2,739	2,682	2,651	2,671	2,702	2,838	3,011	3,158	3,251	3,269	3,212	3,121	3,043	2,946	2,860	2,848	2,858	3,025	3,297	3,478	3,405	3,256	3,032	2,755
11/05/12	2,772	2,721	2,653	2,674	2,812	3,098	3,544	3,727	3,771	3,769	3,792	3,767	3,794	3,803	3,823	3,845	3,848	3,904	3,981	4,024	3,921	3,753	3,410	3,057
11/06/12	2,872	2,763	2,731	2,751	2,859	3,155	3,594	3,804	3,781	3,749	3,756	3,752	3,747	3,744	3,762	3,788	3,781	3,806	3,949	3,980	3,868	3,695	3,370	3,039
11/07/12	2,886	2,774	2,741	2,758	2,865	3,156	3,589	3,803	3,786	3,760	3,775	3,778	3,777	3,778	3,801	3,829	3,824	3,843	3,976	4,005	3,892	3,718	3,388	3,054
11/08/12	2,885	2,772	2,739	2,759	2,866	3,157	3,591	3,806	3,791	3,759	3,774	3,777	3,776	3,777	3,800	3,825	3,816	3,839	3,975	4,005	3,892	3,720	3,387	3,054
11/09/12	2,934	2,851	2,829	2,822	2,884	3,135	3,588	3,797	3,826	3,819	3,834	3,874	3,856	3,896	3,919	3,916	3,926	3,907	3,924	3,928	3,827	3,680	3,408	3,140
11/10/12	2,895	2,817	2,752	2,749	2,762	2,911	3,097	3,282	3,453	3,541	3,566	3,523	3,514	3,458	3,453	3,479	3,503	3,562	3,682	3,751	3,641	3,498	3,274	3,027
11/11/12	2,777	2,710	2,668	2,681	2,703	2,821	2,976	3,127	3,240	3,287	3,263	3,210	3,164	3,098	3,040	3,050	3,065	3,209	3,434	3,594	3,522	3,356	3,113	2,819
11/12/12	2,873	2,808	2,713	2,723	2,854	3,112	3,536	3,746	3,847	3,901	3,980	4,005	4,086	4,143	4,205	4,260	4,268	4,278	4,271	4,286	4,178	3,986	3,604	3,218
11/13/12	2,957	2,830	2,785	2,795	2,894	3,164	3,575	3,806	3,826	3,834	3,878	3,908	3,931	3,954	3,998	4,044	4,044	4,034	4,123	4,136	4,024	3,836	3,486	3,135
11/14/12	2,887	2,829	2,773	2,796	2,895	3,243	3,694	3,900	3,853	3,754	3,693	3,637	3,561	3,543	3,486	3,471	3,487	3,628	3,856	3,877	3,815	3,675	3,394	3,084
11/15/12	3,004	2,944	2,912	2,968	3,069	3,413	3,925	4,167	4,102	3,953	3,850	3,771	3,688	3,646	3,622	3,570	3,592	3,724	3,951	4,000	3,926	3,764	3,487	3,172
11/16/12	2,828	2,762	2,753	2,760	2,839	3,124	3,604	3,792	3,775	3,721	3,694	3,687	3,635	3,639	3,627	3,606	3,608	3,625	3,714	3,744	3,648	3,528	3,287	3,038
11/17/12	2,714	2,675	2,655	2,681	2,733	2,928	3,175	3,348	3,451	3,442	3,350	3,195	3,077	2,921	2,840	2,796	2,811	2,968	3,235	3,350	3,250	3,162	3,000	2,816
11/18/12	2,739	2,682	2,651	2,671	2,702	2,838	3,011	3,158	3,250	3,269	3,212	3,121	3,044	2,946	2,861	2,848	2,859	3,026	3,298	3,479	3,405	3,256	3,032	2,756
11/19/12	2,709	2,671	2,625	2,655	2,800	3,108	3,575	3,733	3,728	3,674	3,649	3,577	3,555	3,519	3,500	3,490	3,488	3,590	3,745	3,809	3,708	3,562	3,255	2,932
11/20/12	3,004	2,945	2,911	2,966	3,067	3,412	3,924	4,165	4,098	3,956	3,850	3,770	3,688	3,645	3,621	3,572	3,598	3,726	3,951	3,999	3,926	3,762	3,487	3,172
11/21/12	3,004	2,945	2,913	2,967	3,068	3,412	3,923	4,164	4,096	3,954	3,851	3,772	3,688	3,645	3,621	3,572	3,598	3,727	3,951	3,999	3,925	3,762	3,487	3,171
11/22/12	2,928	2,848	2,813	2,836	2,877	3,012	3,188	3,392	3,492	3,495	3,464	3,391	3,319	3,222	3,159	3,113	3,175	3,376	3,611	3,684	3,617	3,514	3,276	3,025
11/23/12	2,935	2,909	2,949	2,964	3,101	3,373	3,767	3,966	4,048	3,902	3,791	3,677	3,541	3,477	3,406	3,373	3,428	3,601	3,921	3,880	3,747	3,687	3,395	3,096
11/24/12	3,041	2,967	2,928	2,978	3,046	3,284	3,672	3,911	3,950	3,877	3,775	3,636	3,585	3,486	3,396	3,396	3,443	3,711	3,965	3,918	3,795	3,713	3,508	3,219
11/25/12	3,188	3,124	3,101	3,144	3,203	3,361	3,575	3,834	3,928	3,891	3,797	3,654	3,531	3,394	3,307	3,253	3,333	3,577	3,876	3,942	3,880	3,769	3,523	3,254
11/26/12	3,217	3,117	3,123	3,139	3,303	3,646	4,203	4,488	4,388	4,218	4,049	3,848	3,723	3,670	3,553	3,589	3,630	3,900	4,279	4,256	4,244	4,099	3,792	3,485
11/27/12	3,373	3,314	3,242	3,277	3,387	3,820	4,325	4,571	4,449	4,203	4,009	3,856	3,695	3,643	3,543	3,531	3,580	3,891	4,265	4,266	4,243	4,137	3,860	3,541
11/28/12	3,373	3,315	3,244	3,278	3,388	3,820	4,324	4,570	4,447	4,201	4,009	3,857	3,696	3,642	3,543	3,530	3,581	3,891	4,265	4,266	4,242	4,137	3,860	3,541
11/29/12	3,254	3,189	3,117	3,148	3,254	3,669	4,164	4,401	4,293	4,067	3,902	3,773	3,633	3,590	3,502	3,489	3,528	3,806	4,153	4,163	4,135	4,025	3,748	3,433
11/30/12	3,101	3,046	3,033	3,072	3,242	3,551	4,119	4,378	4,263	4,097	3,971	3,794	3,707	3,654	3,542	3,510	3,545	3,643	3,918	3,944	3,848	3,795	3,599	3,339
12/01/12	3,356	3,252	3,249	3,280	3,356	3,542	3,838	4,144	4,256	4,216	4,085	3,905	3,771	3,628	3,528	3,473	3,515	3,731	4,061	4,067	3,988	3,871	3,686	3,439
12/02/12	3,357	3,287	3,261	3,310	3,376	3,551	3,788	4,075	4,180	4,138	4,032	3,872	3,735	3,581	3,485	3,424	3,514	3,784	4,117	4,189	4,121	3,998	3,726	3,428
12/03/12	3,322	3,245	3,277	3,322	3,527	3,938	4,573	4,909	4,786	4,592	4,401	4,181	4,039	3,975	3,840	3,858	3,877	4,132	4,521	4,501	4,473	4,302	3,951	3,597
12/04/12	3,547	3,513	3,467	3,536	3,689	4,194	4,781	5,083	4,936	4,658	4,436	4,259	4,073	4,002	3,880	3,852	3,889	4,205	4,594	4,582	4,539	4,404	4,085	3,719
12/05/12	3,526	3,492	3,447	3,514	3,666	4,166	4,751	5,051	4,906	4,631	4,417	4,245	4,061	3,991	3,872	3,844	3,881	4,190	4,573	4,563	4,519	4,385	4,064	3,699
12/06/12	3,654	3,626	3,580	3,657	3,814	4,333	4,932	5,242	5,087	4,780	4,540	4,346	4,141	4,063	3,932	3,897	3,936	4,286	4,700	4,681	4,642	4,515	4,189	3,819
12/07/12	3,720	3,667	3,651	3,716	3,932	4,276	4,918	5,280	5,136	4,863	4,614	4,327	4,146	4,038	3,857	3,818	3,910	4,184	4,566	4,535	4,425	4,401	4,201	3,893
12/08/12	3,840	3,719	3,724	3,758	3,834	4,002	4,181	4,453	4,637	4,737	4,739	4,632	4,519	4,363	4,267	4,210	4,271	4,592	4,832	4,839	4,784	4,654	4,409	4,107
12/09/12	3,551	3,492	3,468	3,535	3,614	3,804	4,061	4,382	4,492	4,440	4,317	4,133	3,981	3,808	3,707	3,635	3,741	4,052	4,406	4,469	4,402	4,270	3,975	3,651
12/10/12	3,377	3,299	3,335	3,382	3,592	4,004	4,645	4,989	4,865	4,665	4,466	4,235	4,085	4,015	3,874	3,896	3,921	4,192	4,591	4,560	4,532	4,358	4,007	3,653
12/11/12	3,593	3,562	3,516	3,588	3,743	4,254	4,846	5,151	5,000	4,712	4,481	4,295	4,101	4,027	3,901	3,871	3,911	4,240	4,639	4,624	4,582	4,450	4,129	3,761
12/12/12	3,413	3,373	3,325	3,385	3,532	4,015	4,588	4,877	4,744	4,497	4,311	4,161	3,998	3,938	3,831	3,806	3,836	4,112	4,467	4,465	4,417	4,277	3,959	3,599
12/13/12	3,484	3,446	3,400	3,467	3,618	4,112	4,693	4,990	4,852	4,581	4,376	4,213	4,038	3,972	3,857	3,827	3,856	4,157	4,533	4,527	4,482	4,347	4,025	3,662
12/14/12	3,382	3,332	3,321	3,378	3,577	3,927	4,576	4,901	4,756	4,536	4,357	4,122	3,993	3,915	3,771	3,727	3,781	3,939	4,284	4,286	4,178	4,127	3,913	3,629
12/15/12	3,341	3,237	3,233	3,263	3,337	3,522	3,815	4,118	4,230	4,194	4,069	3,894	3,762	3,621	3,523	3,469	3,511	3,723	4,049	4,058	3,979	3,861	3,675	3,427
12/16/12	3,240	3,164	3,136	3,176	3,234	3,401	3,623	3,886	3,986	3,957	3,876	3,746	3,631	3,498	3,413	3,358	3,440	3,689	3,995	4,070	3,998	3,881	3,615	3,327
12/17/12	3,057	2,983	2,988	3,022	3,195	3,580	4,156	4,424	4,327	4,212	4,097	3,953	3,868	3,836	3,740	3,745	3,745	3,931	4,253	4,267	4,223	4,055	3,698	3,353
12/18/12	3,141	3,085	3,027	3,066	3,192	3,619	4,155	4,404	4,318	4,156	4,047	3,954	3,846	3,815	3,737	3,720	3,738	3,930	4,213	4,228	4,169	4,019	3,706	3,357
12/19/12	3,103	3,045	2,987	3,020	3,142	3,557	4,083	4,326	4,248	4,101	4,006	3,922	3,821	3,793	3,721	3,703	3,722	3,903	4,175	4,193	4,131	3,980	3,667	3,320
12/20/12	3,075	3,013	2,953	2,987	3,105	3,511	4,029	4,269	4,201	4,059	3,973	3,897	3,802	3,778	3,708	3,688	3,701	3,878	4,145	4,166	4,102	3,952	3,637	3,292
12/21/12	3,341	3,281	3,260	3,324	3,445	3,819	4,394	4,615	4,530	4,267	4,086	3,933	3,787	3,700	3,630	3,622	3,630	3,787	4,067	4,071	4,042	3,999	3,813	3,494
12/22/12	2,845	2,796	2,769	2,793	2,845	3,053	3,316	3,508	3,631	3,634	3,549	3,395	3,280	3,122	3,044	3,006	3,023	3,182	3,455	3,576	3,465	3,361	3,173	2,961
12/23/12	2,835	2,777	2,746	2,772	2,811	2,969	3,168	3,327	3,420	3,428	3,351	3,233	3,133	3,011	2,904	2,880	2,890	3,084	3,405	3,615	3,532	3,376	3,138	2,841
12/24/12	2,977	2,908	2,905	2,951	3,083	3,453	4,089	4,324	4,257	4,111	4,059	3,950	3,885	3,859	3,816	3,795	3,814	3,949	4,145	4,189	4,092	3,929	3,584	3,230
12/25/12	3,065	3,036	3,079	3,095	3,248	3,553	3,988	4,205	4,290	4,129	4,008	3,884	3,736	3,664	3,584	3,548	3,609	3,799	4,152	4,106	3,961	3,880	3,553	3,223
12/26/12	3,088	3,029	2,970	3,003	3,123	3,533	4,055	4,295	4,221	4,080	3,990	3,910	3,812	3,785	3,714	3,697	3,715	3,892	4,160	4,179	4,116	3,964	3,652	3,306
12/27/12	3,143	3,076	3,040	3,103	3,214	3,593	4,158	4,424	4,352	4,189	4,075	3,988	3,897	3,850	3,824	3,766	3,790	3,935	4,186	4,240	4,159	3,980	3,674	3,327
12/28/12	3,174	3,109	3,091	3,126	3,304	3,637	4,243	4,506	4,393	4,236	4,122	3,952	3,875	3,830	3,718	3,686	3,719	3,802	4,078	4,118	4,012	3,948	3,728	3,441
12/29/12	3,234	3,128	3,115	3,136	3,200	3,375	3,645	3,921	4,040	4,040	3,953	3,814	3,706	3,581	3,496	3,449	3,489	3,673	3,968	3,992	3,912	3,788	3,595	3,344
12/30/12	3,222	3,145	3,116	3,155	3,211	3,377	3,597	3,856	3,956	3,930	3,853	3,728	3,617	3,487	3,404	3,350	3,430	3,676	3,977	4,053	3,980	3,864	3,598	3,312
12/31/12	3,144	3,071	3,085	3,123	3,309	3,709	4,311	4,605	4,493	4,343	4,198	4,026	3,921	3,878	3,769	3,777	3,780	3,988	4,336	4,344	4,308	4,141	3,784	3,433

APS Metro Phoenix Reliability Must Run Estimates
2003 - 2012

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Capacity Need (MW)										
Metro Phoenix Peak Demand	4,114	4,269	4,423	4,578	4,732	4,887	5,041	5,196	5,350	5,511
Transmission Import Limit	3,535	3,535	3,535	3,535	3,535	3,535	3,535	3,535	3,535	3,535
RMR Need	579	734	888	1,043	1,197	1,352	1,506	1,661	1,815	1,976
APS Resources	660	660	660	660	660	660	660	660	660	660
APS Reserves	110	110	110	110	110	110	110	110	110	110
Unmet Need	29	184	338	493	647	802	956	1,111	1,265	1,426
Energy Need (GWH)										
Total Energy	37	92	172	291	445	633	862	1,124	1,366	1,628
APS Supplied	37	90	165	263	373	492	614	727	826	923
Unmet Need	0	2	8	27	72	141	248	398	540	705
RMR Hours										
Total	210	455	640	862	1,099	1,293	1,511	1,723	1,909	2,103
APS Supplied	210	455	640	862	1,099	1,293	1,511	1,723	1,909	2,103
Unmet Need	6	19	57	159	313	510	737	944	1,114	1,282
RMR Capacity Factor										
APS Supplied	0.8%	1.9%	3.4%	5.5%	7.7%	10.2%	12.7%	15.1%	17.1%	19.2%
Unmet Need	0.1%	0.1%	0.3%	0.6%	1.3%	2.0%	3.0%	4.1%	4.9%	5.6%
Total	0.7%	1.4%	2.2%	3.2%	4.2%	5.3%	6.5%	7.7%	8.6%	9.4%

APS MONTHLY GENERATION BY UNIT
PHYSICAL CAPABILITY OF UNITS
2003 - 2012
(MWH)

Generating Unit	2003 MW RATING	Jan-2003	Feb-2003	Mar-2003	Apr-2003	May-2003	Jun-2003	Jul-2003	Aug-2003	Sep-2003	Oct-2003	Nov-2003	Dec-2003	Tot-2003
Palo Verde 1	362	263,766	237,577	263,679	254,459	262,392	252,961	262,800	263,881	253,505	262,321	252,685	263,004	3,093,029
Palo Verde 2	362	264,741	237,906	263,453	253,369	263,128	252,082	263,598	261,637	220,597	-	-	172,692	2,453,203
Palo Verde 3	363	264,718	238,638	237,687	-	228,945	256,824	263,422	262,248	254,687	263,520	254,042	262,531	2,787,263
TOTAL NUCLEAR	1,086	793,225	714,121	764,820	507,828	754,464	761,868	789,820	787,767	728,789	525,841	506,726	698,227	8,333,495
Four Corners 1	170	109,265	100,966	101,801	112,557	108,609	109,595	117,101	116,725	111,869	112,071	107,465	106,630	1,314,654
Four Corners 2	170	106,736	100,061	102,668	110,677	108,446	107,801	115,861	114,280	109,154	110,253	106,820	105,105	1,297,861
Four Corners 3	220	128,641	120,842	92,540	-	89,251	132,507	144,324	144,558	136,356	135,986	128,925	127,369	1,381,300
Four Corners 4	111	75,923	33,535	72,629	71,856	73,837	72,433	73,213	74,997	71,383	73,848	71,549	73,391	838,594
Four Corners 5	111	76,974	67,414	72,747	72,956	74,312	71,143	75,179	75,831	71,965	73,947	67,961	44,539	844,967
TOTAL PLANT	782	497,540	422,819	442,385	368,047	454,455	493,478	525,678	526,390	500,728	506,105	482,719	457,034	5,677,377
Cholla 1	110	69,280	66,290	65,843	73,782	71,933	71,489	76,601	76,155	72,705	72,811	69,852	70,398	857,139
Cholla 2	245	147,683	140,143	136,748	160,206	155,115	155,729	172,412	171,310	157,128	154,702	149,342	150,363	1,850,882
Cholla 3	260	146,861	75,114	41,894	165,261	157,920	159,525	179,668	181,835	163,025	158,669	150,219	152,671	1,732,661
TOTAL PLANT	615	363,825	281,547	244,485	399,249	384,968	386,743	428,681	429,301	392,858	386,182	369,413	373,432	4,440,682
Navajo 1	105	41,599	2,380	74,988	71,685	74,018	72,228	73,744	74,297	72,356	74,257	71,495	73,599	776,644
Navajo 2	105	75,407	66,536	73,787	71,468	72,700	70,706	73,593	74,155	70,566	74,251	71,102	72,150	866,421
Navajo 3	105	75,027	67,204	17,002	-	65,186	72,222	74,050	73,639	71,723	74,840	71,683	74,540	737,115
TOTAL PLANT	315	192,032	136,119	165,777	143,153	211,904	215,156	221,386	222,090	214,645	223,348	214,280	220,289	2,380,180
TOTAL COAL	1,712	1,053,397	840,484	852,647	910,449	1,051,328	1,095,377	1,175,745	1,177,781	1,108,231	1,115,634	1,066,411	1,050,755	12,498,238
West Phoenix CC1	85	29,136	32,565	16,188	41,180	35,348	36,275	51,597	52,697	38,530	36,716	32,705	36,157	439,094
West Phoenix CC2	85	28,813	32,642	19,715	41,251	35,548	35,723	51,286	52,564	39,336	3,409	17,923	36,022	394,233
West Phoenix CC3	85	40,204	40,571	29,212	8,064	42,865	43,048	53,139	54,247	46,003	45,733	41,817	45,297	490,200
TOTAL CC'S	255	98,153	105,778	65,115	90,496	113,761	115,047	156,022	159,507	123,869	85,857	92,446	117,475	1,323,526
Ocotillo ST1	110	24,624	23,709	3,088	39,150	32,232	36,854	58,362	62,242	42,273	36,291	22,711	30,327	411,864
Ocotillo ST2	110	21,484	21,094	8,664	38,297	30,378	35,034	59,084	63,587	41,397	34,985	17,569	27,257	398,829
Saguaro ST1	110	6,311	250	1,601	12,850	11,454	14,121	26,433	29,882	18,044	14,201	4,443	10,174	149,763
Saguaro ST2	100	3,961	5,412	662	9,441	9,897	12,150	23,014	26,115	15,702	11,333	807	7,904	126,397
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	56,380	50,465	14,016	99,737	83,960	98,159	166,892	181,826	117,417	96,811	45,530	75,661	1,086,854
Ocotillo CT1	55	4,628	5,314	1,277	5,755	7,973	11,502	18,984	20,526	13,239	9,666	3,493	7,204	109,561
Ocotillo CT2	55	3,315	5,044	1,098	7,343	7,262	10,393	18,099	19,786	13,020	8,740	2,892	6,903	103,896
Saguaro CT1	55	3,476	4,240	9	5,101	6,308	9,556	16,993	18,492	11,941	7,661	1,720	5,630	91,126
Saguaro CT2	55	3,168	3,993	819	5,195	5,816	8,931	16,277	18,430	10,958	6,828	1,768	5,541	87,725
West Phoenix CT1	55	2,348	1,454	616	4,056	4,362	7,908	14,690	16,475	9,518	5,763	764	4,503	72,458
West Phoenix CT2	55	2,272	3,131	446	3,669	4,576	8,147	15,055	17,243	10,058	6,039	969	4,657	76,262
Yucca CT1	19	1,498	2,107	134	1,100	1,541	2,941	5,166	6,173	3,290	2,052	1,226	3,086	30,314
Yucca CT2	19	1,663	2,005	168	1,175	1,583	2,842	5,389	5,958	3,305	1,937	1,356	3,025	30,407
Yucca CT3	55	6,220	6,780	1,822	9,881	9,534	12,639	20,629	22,423	15,303	11,719	5,429	8,831	131,210
Yucca CT4	54	272	421	40	247	629	752	1,390	1,662	866	540	117	841	7,778
Douglas CT	16	79	150	7	77	24	261	526	614	306	169	27	267	2,506
TOTAL CT'S	493	28,939	34,639	6,438	43,599	49,608	75,874	133,197	147,781	91,805	61,114	19,761	50,489	743,245
TOTAL APS GAS/OIL	1,274	183,473	190,882	85,568	233,833	247,329	289,079	456,111	489,115	333,091	243,782	157,737	243,631	3,153,630
Childs/Irving	4	2,594	2,349	2,594	2,502	2,594	2,502	2,594	2,594	2,502	2,594	2,502	2,594	30,515
TOTAL APS GENERATION	4,076	2,032,688	1,747,836	1,705,629	1,654,612	2,055,715	2,148,826	2,424,270	2,457,257	2,172,613	1,887,850	1,733,377	1,995,207	24,015,879
SRP T&C Firm Purch	288	79,369	87,290	66,148	139,550	125,670	138,646	181,828	187,285	149,993	136,948	103,093	93,840	1,489,661
SRP Contingent Purch	62	870	-	894	7,349	9,697	10,572	12,954	13,305	10,803	10,240	9,028	7,434	93,146
Pac Exchange	480	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Hedged Forward Purch	125	-	-	-	-	-	-	72,071	74,753	68,207	-	-	-	215,031
TOTAL APS PURCH CONTF	955	(62,609)	18,170	67,042	146,899	213,703	287,458	409,701	418,192	298,123	68,852	(26,120)	(41,574)	1,797,838

APS MONTHLY GENERATION BY UNIT
PHYSICAL CAPABILITY OF UNITS
2003 - 2012
(MWH)

Generating Unit	2003 MW RATING	Jan-2004	Feb-2004	Mar-2004	Apr-2004	May-2004	Jun-2004	Jul-2004	Aug-2004	Sep-2004	Oct-2004	Nov-2004	Dec-2004	Tot-2004
Palo Verde 1	362	261,675	245,524	263,571	16,442	186,803	253,001	261,910	261,465	253,639	262,959	254,222	266,392	2,787,604
Palo Verde 2	362	281,665	265,325	281,336	270,758	283,277	273,118	280,893	281,521	270,906	280,774	274,217	279,787	3,323,579
Palo Verde 3	363	263,830	244,178	262,783	254,787	264,116	254,165	262,212	263,373	253,318	8,700	194,093	264,046	2,789,599
TOTAL NUCLEAR	1,086	807,170	755,027	807,690	541,987	734,196	780,284	805,015	806,359	777,863	552,433	722,532	810,225	8,900,782
Four Corners 1	170	109,331	106,622	103,116	110,215	112,316	108,987	112,552	115,982	110,148	113,505	99,145	109,495	1,311,415
Four Corners 2	170	112,102	107,706	88,835	-	80,436	111,271	116,764	116,912	111,769	114,812	102,020	109,676	1,172,302
Four Corners 3	220	134,342	126,191	122,241	133,187	139,380	134,447	144,842	144,966	135,828	137,895	121,521	131,673	1,606,512
Four Corners 4	111	4,929	-	44,726	71,355	73,839	72,602	74,021	73,929	72,032	73,893	70,336	73,894	705,556
Four Corners 5	111	73,182	70,293	75,085	71,537	75,421	71,676	74,722	73,231	72,901	75,698	69,638	75,087	878,470
TOTAL PLANT	782	433,886	410,812	434,003	386,293	481,393	498,982	522,900	525,020	502,679	515,802	462,660	499,825	5,674,255
Cholla 1	110	73,997	30,958	56,045	73,116	74,673	73,230	77,572	77,283	73,242	74,660	65,420	71,953	822,150
Cholla 2	245	155,127	146,549	139,758	152,197	159,020	157,320	169,989	170,631	158,007	156,903	136,561	152,154	1,854,215
Cholla 3	260	158,559	151,743	137,803	161,954	163,865	165,511	183,412	182,605	166,694	164,482	137,536	154,821	1,928,986
TOTAL PLANT	615	387,684	329,250	333,605	387,267	397,558	396,061	430,973	430,519	397,943	396,045	339,517	378,928	4,605,351
Navajo 1	105	74,566	69,282	74,223	72,057	74,229	71,388	74,205	74,175	71,707	74,790	71,774	74,044	876,438
Navajo 2	105	70,811	-	7,023	71,900	73,346	71,398	72,992	72,644	70,410	74,615	71,484	73,154	729,776
Navajo 3	105	74,184	69,500	73,713	71,602	74,592	72,260	74,203	74,134	71,477	74,188	71,947	74,194	875,994
TOTAL PLANT	315	219,561	138,782	154,958	215,559	222,166	215,046	221,400	220,953	213,594	223,593	215,205	221,392	2,482,208
TOTAL COAL	1,712	1,041,130	878,844	922,567	989,119	1,101,117	1,110,089	1,175,273	1,176,492	1,114,216	1,135,440	1,017,382	1,100,145	12,761,813
West Phoenix CC1	85	37,940	34,376	13,967	9,372	38,714	39,998	53,349	53,365	42,836	40,098	26,605	35,067	425,687
West Phoenix CC2	85	29,844	33,980	16,785	36,699	38,919	40,205	53,156	54,541	41,765	40,025	27,532	34,728	448,179
West Phoenix CC3	85	45,862	31,666	27,207	47,055	47,062	46,415	53,787	54,348	48,457	46,570	36,951	44,071	529,452
TOTAL CC'S	255	113,646	100,022	57,959	93,125	124,696	126,618	160,291	162,254	133,058	126,692	91,089	113,867	1,403,317
Ocotillo ST1	110	32,873	26,957	6,473	33,596	39,216	44,031	65,886	67,358	49,068	42,624	21,616	29,576	459,274
Ocotillo ST2	110	30,765	24,828	3,971	32,183	38,040	43,058	66,047	68,917	49,190	40,845	5,664	28,495	432,004
Saguaro ST1	110	9,840	1,748	609	11,502	16,115	18,491	31,757	33,668	23,028	18,211	6,062	9,572	180,602
Saguaro ST2	100	9,204	6,290	267	8,566	14,522	16,560	29,054	30,893	21,523	15,922	3,683	1,073	157,556
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	82,681	59,823	11,320	85,847	107,893	122,140	192,743	200,835	142,809	117,602	37,026	68,715	1,229,436
Ocotillo CT1	55	8,876	5,152	221	6,365	10,931	13,942	22,283	23,217	16,729	13,481	3,334	7,131	131,662
Ocotillo CT2	55	382	3,614	756	5,523	10,561	13,509	22,644	23,176	16,117	12,570	3,338	7,059	119,250
Saguaro CT1	55	7,605	4,574	514	4,681	9,633	12,439	21,134	21,463	14,875	9,295	1,979	5,779	113,973
Saguaro CT2	55	7,423	4,690	255	494	8,437	12,262	20,525	21,530	14,978	10,672	2,072	5,261	108,599
West Phoenix CT1	55	3,302	3,679	259	3,828	7,046	11,431	19,112	20,605	13,708	9,275	1,082	3,967	97,296
West Phoenix CT2	55	6,050	1,967	238	3,646	7,574	11,503	19,222	20,375	14,113	9,837	1,086	4,290	99,903
Yucca CT1	19	3,127	2,297	62	1,136	2,569	4,188	7,384	7,599	5,063	3,279	1,230	2,846	40,779
Yucca CT2	19	3,283	1,770	70	1,179	2,490	4,010	7,303	7,745	4,887	3,119	1,419	2,972	40,247
Yucca CT3	55	10,488	7,042	1,251	8,090	9,953	16,122	24,892	25,741	18,224	14,288	5,055	9,249	150,396
Yucca CT4	54	927	561	21	284	717	1,103	1,906	2,152	1,336	736	101	634	10,477
Douglas CT	16	316	214	3	95	198	396	748	816	492	274	26	223	3,802
TOTAL CT'S	493	51,780	35,560	3,650	35,322	70,109	100,905	167,154	174,420	120,521	86,826	20,722	49,412	916,382
TOTAL APS GAS/OIL	1,274	248,107	195,406	72,930	214,294	302,698	349,662	520,188	537,510	396,388	331,121	148,837	231,994	3,549,135
Childs/Irving	4	2,594	2,349	2,594	2,502	2,594	2,502	2,594	2,594	2,502	2,594	2,502	2,594	30,516
TOTAL APS GENERATION	4,076	2,099,002	1,831,626	1,805,781	1,747,902	2,140,605	2,242,537	2,503,070	2,522,955	2,290,969	2,021,588	1,891,252	2,144,958	25,242,246
SRP T&C Firm Purch	288	101,586	94,276	55,300	132,137	141,772	154,855	204,576	210,150	166,593	138,015	79,467	97,158	1,575,886
SRP Contingent Purch	62	1,883	1,561	842	6,502	10,496	11,317	14,107	14,507	11,525	9,924	6,368	7,270	96,304
Pac Exchange	480	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Hedged Forward Purch	125													
TOTAL APS PURCH CONTF	955	(39,379)	26,718	56,142	138,639	230,604	304,412	361,532	367,506	247,238	69,603	(52,405)	(38,419)	1,672,190

APS MONTHLY GENERATION BY UNIT
PHYSICAL CAPABILITY OF UNITS
2003 - 2012
(MWH)

Generating Unit	2003 MW RATING	Jan-2005	Feb-2005	Mar-2005	Apr-2005	May-2005	Jun-2005	Jul-2005	Aug-2005	Sep-2005	Oct-2005	Nov-2005	Dec-2005	Tot-2005
Palo Verde 1	362	258,518	236,700	262,858	253,042	263,868	252,524	262,094	263,108	252,266	-	-	135,063	2,440,041
Palo Verde 2	362	281,731	254,422	281,141	9,310	208,990	272,335	281,807	281,140	272,909	282,026	272,583	281,990	2,980,384
Palo Verde 3	363	262,321	236,618	264,811	254,954	260,508	254,322	262,139	263,770	254,066	263,845	253,485	261,561	3,092,399
TOTAL NUCLEAR	1,086	802,569	727,740	808,810	517,305	733,367	779,181	806,040	808,018	779,241	545,871	526,068	678,614	8,512,824
Four Corners 1	170	114,256	67,749	-	102,941	117,745	114,080	117,089	118,377	113,081	116,533	114,838	114,431	1,211,119
Four Corners 2	170	116,984	104,621	110,486	114,412	116,303	113,675	116,897	118,031	111,959	116,671	115,180	114,404	1,369,622
Four Corners 3	220	137,368	127,659	128,946	138,735	141,982	137,607	143,658	142,550	138,964	139,831	136,524	139,353	1,653,177
Four Corners 4	111	74,109	66,271	74,678	71,345	74,011	71,695	74,929	73,548	71,540	73,763	48,056	74,102	848,046
Four Corners 5	111	74,677	66,200	75,533	28,838	75,251	71,606	75,249	74,272	71,502	74,009	73,446	75,353	835,935
TOTAL PLANT	782	517,393	432,500	389,643	456,270	525,292	508,663	527,822	526,777	507,046	520,807	488,044	517,643	5,917,899
Cholla 1	110	72,445	67,459	66,983	74,330	75,342	72,837	76,856	77,623	73,230	74,208	71,092	73,359	875,764
Cholla 2	245	155,107	144,904	144,399	15,500	84,783	158,898	171,461	171,165	159,761	161,429	153,946	160,912	1,682,264
Cholla 3	260	162,101	148,699	145,399	172,372	170,899	166,605	180,572	181,901	167,069	164,789	160,707	166,666	1,987,780
TOTAL PLANT	615	389,654	361,062	356,781	262,201	331,024	398,340	428,889	430,689	400,060	400,425	385,746	400,937	4,545,808
Navajo 1	105	16,131	-	60,092	71,808	74,016	72,021	74,305	74,099	71,057	74,547	71,525	74,481	734,082
Navajo 2	105	73,701	66,493	72,615	70,217	73,933	71,173	73,429	74,074	69,940	72,858	71,495	74,330	864,259
Navajo 3	105	74,914	66,917	73,908	71,387	74,161	72,225	74,319	74,526	71,842	73,768	71,786	74,244	873,998
TOTAL PLANT	315	164,747	133,410	206,615	213,413	222,110	215,419	222,053	222,699	212,839	221,173	214,807	223,055	2,472,339
TOTAL COAL	1,712	1,071,794	926,972	953,039	931,884	1,078,425	1,122,422	1,178,764	1,180,166	1,119,944	1,142,405	1,088,596	1,141,635	12,936,046
West Phoenix CC1	85	31,456	39,464	24,215	47,471	45,594	42,814	54,415	54,337	45,316	45,066	43,749	46,482	520,378
West Phoenix CC2	85	42,605	39,434	24,092	47,430	45,812	42,621	54,416	54,817	45,072	9,750	37,092	47,133	490,275
West Phoenix CC3	85	23,741	-	-	38,315	51,865	47,490	54,655	55,152	50,156	51,569	49,088	52,279	474,312
TOTAL CC'S	255	97,802	78,898	48,308	133,217	143,270	132,925	163,486	164,306	140,545	106,385	129,929	145,894	1,484,965
Ocotillo ST1	110	40,488	33,375	-	11,549	47,826	49,441	68,153	70,097	54,033	49,356	40,014	42,625	506,957
Ocotillo ST2	110	40,786	34,795	18,420	49,552	46,832	49,093	70,002	71,407	53,093	50,723	40,507	43,083	568,292
Saguaro ST1	110	16,383	8,622	1,291	22,227	21,225	21,428	34,743	35,646	26,103	23,348	14,697	18,421	244,134
Saguaro ST2	100	13,665	10,686	4,130	20,785	18,542	19,343	31,804	32,488	23,770	17,116	5,685	16,263	214,277
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	111,322	87,478	23,841	104,113	134,426	139,306	204,701	209,637	156,998	140,543	100,903	120,392	1,533,659
Ocotillo CT1	55	10,863	5,090	2,226	13,437	14,806	15,071	23,749	25,183	18,184	16,435	10,389	11,194	166,629
Ocotillo CT2	55	10,617	8,486	1,882	12,067	9,805	14,918	23,854	25,103	18,216	15,660	9,901	10,622	161,131
Saguaro CT1	55	9,385	6,658	1,204	-	12,021	13,913	22,741	23,750	16,971	14,269	8,550	9,103	138,565
Saguaro CT2	55	9,119	4,869	1,168	11,250	12,089	13,399	22,386	23,387	16,673	14,118	7,909	8,838	145,206
West Phoenix CT1	55	6,326	5,219	835	9,962	10,580	12,175	21,364	22,370	15,486	10,542	5,871	7,389	128,119
West Phoenix CT2	55	7,669	5,707	685	7,495	10,887	12,697	21,460	22,319	15,525	13,425	6,441	5,334	129,644
Yucca CT1	19	4,697	3,395	184	3,052	3,742	4,702	8,104	8,599	5,833	5,001	4,337	4,500	56,147
Yucca CT2	19	4,540	3,584	257	3,256	3,625	4,595	7,966	8,493	5,836	4,922	4,521	4,566	56,162
Yucca CT3	55	13,159	10,451	2,781	15,474	16,240	17,504	27,093	27,595	20,131	17,851	12,603	13,758	194,639
Yucca CT4	54	1,164	901	54	764	908	1,215	2,181	2,269	1,586	885	815	1,401	14,143
Douglas CT	16	423	345	10	246	316	458	857	883	592	462	288	557	5,436
TOTAL CT'S	493	77,963	54,705	11,285	77,002	95,021	110,647	181,754	189,951	135,034	113,570	71,624	77,263	1,195,818
TOTAL APS GAS/OIL	1,274	287,087	221,081	83,434	314,332	372,717	382,878	549,995	563,894	432,577	360,499	302,456	343,549	4,214,497
Childs/Irving	4	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS GENERATION	4,076	2,161,449	1,875,792	1,845,282	1,763,521	2,184,509	2,284,481	2,534,799	2,552,077	2,331,762	2,048,775	1,917,120	2,163,799	25,663,367
SRP T&C Firm Purch	288	120,940	118,877	94,003	168,311	165,386	169,603	220,010	225,264	177,777	159,550	123,890	132,789	1,876,401
SRP Contingent Purch	62	1,044	-	1,015	12,026	11,768	11,918	14,659	14,964	11,967	10,910	9,336	9,640	109,246
Pac Exchange	480	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Hedged Forward Purch	125													
TOTAL APS PURCH CONTF	955	(20,865)	49,757	95,018	180,337	255,490	319,762	377,517	383,076	258,865	92,123	(5,014)	(418)	1,985,647

APS MONTHLY GENERATION BY UNIT
PHYSICAL CAPABILITY OF UNITS
2003 - 2012
(MWH)

Generating Unit	2003 MW RATING	Jan-2006	Feb-2006	Mar-2006	Apr-2006	May-2006	Jun-2006	Jul-2006	Aug-2006	Sep-2006	Oct-2006	Nov-2006	Dec-2006	Tot-2006
Palo Verde 1	362	281,129	256,934	279,033	274,002	280,207	272,788	278,894	282,009	273,828	282,229	271,508	281,767	3,314,329
Palo Verde 2	362	281,293	254,672	281,711	269,419	284,378	272,000	281,912	281,413	264,256	-	226,185	280,714	2,977,954
Palo Verde 3	363	264,128	237,569	262,553	-	203,285	256,524	260,738	262,579	254,804	262,643	254,136	263,243	2,782,203
TOTAL NUCLEAR	1,086	826,550	749,176	823,297	543,421	767,870	801,313	821,544	826,001	792,888	544,871	751,829	825,724	9,074,486
Four Corners 1	170	117,561	105,510	111,287	112,917	117,042	114,266	117,937	117,823	114,220	115,777	80,032	116,513	1,340,886
Four Corners 2	170	113,925	103,895	110,302	112,243	114,218	112,216	116,790	115,009	112,155	115,316	106,814	115,134	1,348,015
Four Corners 3	220	27,241	-	115,249	139,563	143,816	140,371	146,736	147,562	142,048	144,791	131,189	141,309	1,419,874
Four Corners 4	111	75,181	68,119	75,940	71,917	75,616	72,940	74,517	75,668	72,792	75,202	73,503	75,174	886,572
Four Corners 5	111	73,400	68,306	73,795	71,494	75,070	72,705	74,233	75,368	71,668	65,082	59,280	75,614	856,015
TOTAL PLANT	782	407,308	345,830	486,574	508,133	525,762	512,499	530,213	531,430	512,882	516,168	450,818	523,743	5,851,362
Cholla 1	110	73,976	66,015	67,837	73,190	74,014	73,343	76,432	76,489	73,163	75,159	67,270	72,436	869,325
Cholla 2	245	162,364	145,441	147,432	160,728	162,036	162,326	172,513	171,195	163,963	164,632	147,175	158,300	1,918,108
Cholla 3	260	167,412	151,614	113,747	87,253	168,345	171,897	184,493	179,640	171,840	171,473	149,941	163,557	1,881,212
TOTAL PLANT	615	403,752	363,070	329,016	321,172	404,395	407,567	433,438	427,325	408,967	411,265	364,386	394,293	4,668,645
Navajo 1	105	74,649	66,922	74,040	71,379	74,296	71,680	74,096	74,721	72,073	73,160	72,322	73,910	873,249
Navajo 2	105	73,336	66,190	73,241	70,463	72,962	72,173	73,410	73,438	71,272	73,242	69,708	74,173	863,608
Navajo 3	105	74,285	67,515	7,062	64,866	73,790	71,696	74,192	74,286	71,890	74,478	71,877	73,606	799,543
TOTAL PLANT	315	222,271	200,627	154,343	206,708	221,048	215,549	221,699	222,444	215,235	220,880	213,907	221,689	2,536,400
TOTAL COAL	1,712	1,033,331	909,527	969,933	1,036,013	1,151,205	1,135,614	1,185,349	1,181,199	1,137,084	1,148,313	1,029,111	1,139,726	13,056,407
West Phoenix CC1	85	2,238	-	5,012	43,830	43,005	45,284	55,094	55,016	47,174	46,892	35,927	43,052	422,523
West Phoenix CC2	85	48,561	42,541	26,824	32,890	43,331	44,843	55,370	54,768	47,125	46,676	36,468	42,943	522,341
West Phoenix CC3	85	55,287	49,969	40,008	38,745	49,142	49,211	54,534	55,160	50,062	52,926	44,014	49,853	588,910
TOTAL CC'S	255	106,086	92,510	71,844	115,465	135,478	139,338	164,998	164,943	144,360	146,495	116,408	135,849	1,533,775
Ocotillo ST1	110	47,725	38,983	20,115	42,863	46,052	52,649	70,505	71,558	57,047	52,194	31,605	38,868	570,164
Ocotillo ST2	110	47,606	38,205	16,037	42,624	44,598	52,223	72,011	73,700	56,934	45,962	10,904	39,647	540,452
Saguaro ST1	110	21,756	15,851	1,943	15,857	19,542	23,639	36,278	37,252	28,375	25,413	11,491	15,894	253,290
Saguaro ST2	100	19,195	14,630	2,439	13,528	17,755	21,389	34,055	34,792	25,333	23,690	4,984	12,374	224,162
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	136,281	107,668	40,534	114,871	127,946	149,900	212,850	217,303	167,689	147,259	58,985	106,782	1,588,067
Ocotillo CT1	55	13,514	8,837	2,674	7,491	14,011	17,033	25,229	26,147	19,344	17,697	8,021	10,281	170,277
Ocotillo CT2	55	13,843	9,665	2,070	9,481	12,800	16,440	24,991	26,275	18,693	17,915	7,665	10,097	169,934
Saguaro CT1	55	11,998	7,494	1,450	8,145	12,024	15,081	23,755	25,023	17,751	16,531	6,034	8,958	154,244
Saguaro CT2	55	7,656	552	1,162	7,033	11,918	15,292	23,519	24,398	17,459	15,874	6,285	8,686	139,833
West Phoenix CT1	55	10,320	6,742	814	5,170	10,504	14,039	22,131	23,782	16,339	14,567	4,139	5,379	133,926
West Phoenix CT2	55	10,269	6,464	763	5,044	11,021	14,613	22,515	23,670	16,670	14,651	4,323	7,623	137,628
Yucca CT1	19	6,042	3,950	225	1,501	3,765	5,299	8,426	9,151	6,285	5,269	3,034	3,953	56,900
Yucca CT2	19	6,277	4,011	233	1,589	3,517	5,235	8,319	9,117	6,235	5,244	3,310	4,220	57,306
Yucca CT3	55	17,382	12,499	3,605	12,850	15,695	18,963	28,609	29,382	20,998	19,367	9,775	12,777	201,901
Yucca CT4	54	1,818	1,282	49	372	912	1,415	2,362	2,534	1,669	1,241	575	1,163	15,391
Douglas CT	16	727	490	13	118	312	522	917	962	654	475	204	431	5,824
TOTAL CT'S	493	99,846	61,985	13,057	58,793	96,480	123,931	190,773	200,440	142,096	128,832	53,363	73,567	1,243,163
TOTAL APS GAS/OIL	1,274	342,213	262,164	125,435	289,129	359,905	413,169	568,735	582,696	454,145	422,585	228,756	316,198	4,365,129
Childs/Irving	4	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS GENERATION	4,076	2,202,094	1,920,867	1,918,664	1,868,563	2,278,980	2,350,096	2,575,628	2,589,897	2,384,118	2,115,769	2,009,696	2,281,648	26,496,022
SRP T&C Firm Purch	288	145,697	134,250	95,486	157,723	163,020	182,365	231,177	236,199	186,615	169,574	110,976	123,109	1,936,193
SRP Contingent Purch	62	1,088	-	1,078	11,394	11,426	12,397	14,911	15,190	12,205	11,313	8,057	8,856	107,916
Pac Exchange	480	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Hedged Forward Purch	125													
TOTAL APS PURCH CONTF	955	3,938	65,130	96,564	169,117	252,782	333,001	388,936	394,238	267,941	102,552	(19,207)	(10,882)	2,044,109

APS MONTHLY GENERATION BY UNIT
PHYSICAL CAPABILITY OF UNITS
2003 - 2012
(MWH)

Generating Unit	2003 MW RATING	Jan-2007	Feb-2007	Mar-2007	Apr-2007	May-2007	Jun-2007	Jul-2007	Aug-2007	Sep-2007	Oct-2007	Nov-2007	Dec-2007	Tot-2007
Palo Verde 1	362	281,254	253,574	271,611	-	227,525	272,827	278,469	281,889	271,559	282,172	272,788	280,774	2,974,442
Palo Verde 2	362	281,367	255,848	279,091	273,773	282,967	271,128	282,548	280,977	271,273	281,397	275,945	280,241	3,316,555
Palo Verde 3	363	262,996	239,059	260,553	254,458	263,499	254,044	265,353	259,807	237,056	-	-	154,629	2,451,453
TOTAL NUCLEAR	1,086	825,616	748,481	811,256	528,230	773,992	797,999	826,369	822,672	779,888	563,569	548,733	715,644	8,742,449
Four Corners 1	170	116,321	105,963	116,027	113,136	115,322	112,090	116,968	117,292	112,929	116,548	112,675	114,405	1,369,674
Four Corners 2	170	117,546	34,109	56,154	113,270	117,275	112,629	117,227	118,657	114,464	116,523	113,861	116,004	1,247,718
Four Corners 3	220	146,168	134,702	145,110	144,682	148,726	143,819	147,634	147,365	144,716	150,073	145,098	108,292	1,706,384
Four Corners 4	111	75,453	67,613	75,571	65,885	38,424	72,846	75,546	74,856	72,538	75,738	72,634	75,411	842,515
Four Corners 5	111	74,761	66,978	75,329	71,350	74,300	71,778	76,193	74,871	71,161	75,263	71,659	74,228	877,873
TOTAL PLANT	782	530,248	409,365	468,190	508,323	494,047	513,163	533,567	533,040	515,807	534,145	515,927	488,339	6,044,163
Cholla 1	110	72,512	66,841	38,279	7,389	76,005	74,086	77,071	77,186	74,410	75,337	72,379	73,735	785,230
Cholla 2	245	157,635	143,815	152,778	162,880	164,446	161,674	171,156	170,891	161,099	163,449	155,958	159,094	1,924,875
Cholla 3	260	164,990	152,851	158,226	172,501	175,680	171,919	184,021	185,334	173,907	171,951	165,252	168,543	2,045,174
TOTAL PLANT	615	395,138	363,507	349,283	342,769	416,130	407,679	432,248	433,410	409,416	410,737	393,588	401,373	4,755,279
Navajo 1	105	74,504	67,369	74,384	71,810	73,356	72,476	73,662	74,298	72,428	73,910	71,214	74,344	873,757
Navajo 2	105	73,536	66,586	4,722	65,728	73,706	70,160	72,976	74,129	71,493	73,730	70,879	73,466	791,112
Navajo 3	105	73,869	67,300	74,150	72,616	74,253	71,785	73,677	74,214	71,978	74,252	72,235	74,309	874,639
TOTAL PLANT	315	221,909	201,256	153,256	210,155	221,315	214,421	220,315	222,641	215,900	221,891	214,328	222,120	2,539,508
TOTAL COAL	1,712	1,147,295	974,129	970,730	1,061,247	1,131,493	1,135,263	1,186,129	1,189,092	1,141,123	1,166,773	1,123,843	1,111,831	13,338,949
West Phoenix CC1	85	35,506	42,617	35,315	47,335	48,967	47,171	55,196	55,157	49,791	48,859	45,934	51,985	563,835
West Phoenix CC2	85	20,407	-	-	38,710	49,541	46,965	55,030	55,658	49,506	48,081	46,971	51,427	462,297
West Phoenix CC3	85	53,442	49,802	46,255	22,641	34,331	51,192	54,984	55,316	51,103	53,847	51,884	56,652	581,448
TOTAL CC'S	255	109,355	92,419	81,570	108,686	132,839	145,328	165,210	166,131	150,400	150,788	144,788	160,064	1,607,579
Ocotillo ST1	110	45,776	41,229	8,684	49,145	53,816	56,855	72,566	73,541	60,124	53,726	45,225	50,682	611,370
Ocotillo ST2	110	46,600	40,463	31,395	49,230	53,752	57,765	73,378	75,525	61,112	54,728	44,797	51,485	640,229
Saguaro ST1	110	20,236	16,216	2,494	19,772	24,346	27,035	37,558	38,872	30,363	27,151	20,091	24,467	288,601
Saguaro ST2	100	18,126	13,322	7,238	17,303	22,547	24,546	35,059	36,470	27,964	24,979	9,254	13,627	250,435
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	130,739	111,230	49,811	135,449	154,461	166,201	218,560	224,408	179,563	160,585	119,368	140,261	1,790,634
Ocotillo CT1	55	12,954	10,179	6,242	10,502	17,880	18,835	26,974	28,062	19,921	18,909	12,057	15,957	198,473
Ocotillo CT2	55	12,480	10,712	5,672	13,006	14,855	18,968	26,170	27,470	20,304	18,129	12,265	15,421	195,452
Saguaro CT1	55	10,747	8,125	4,149	10,475	15,876	17,752	25,415	26,540	19,105	17,479	10,441	13,811	179,916
Saguaro CT2	55	9,284	8,309	4,120	10,480	15,156	17,817	25,076	26,251	18,936	16,833	9,972	13,829	176,064
West Phoenix CT1	55	9,312	6,776	3,278	8,501	13,531	16,349	23,817	24,916	18,161	15,650	8,134	11,942	160,368
West Phoenix CT2	55	8,478	5,892	2,856	8,091	13,623	16,827	24,346	25,618	18,151	16,021	8,416	12,247	160,567
Yucca CT1	19	4,318	4,303	908	2,698	4,858	6,114	9,098	9,910	6,927	5,992	5,313	6,586	67,026
Yucca CT2	19	5,494	3,098	993	2,743	4,878	6,032	9,012	9,732	6,957	5,669	5,565	7,022	67,194
Yucca CT3	55	15,369	13,767	7,525	15,991	19,214	20,990	29,951	30,796	23,161	19,976	14,990	18,528	230,258
Yucca CT4	54	1,601	1,225	239	636	1,219	1,677	2,676	2,670	1,895	1,381	1,369	2,228	18,816
Douglas CT	16	622	467	62	35	263	620	981	1,031	730	542	525	861	6,738
TOTAL CT'S	493	90,660	72,851	36,044	83,158	121,353	141,981	203,516	212,996	154,250	136,582	89,049	118,432	1,460,871
TOTAL APS GAS/OIL	1,274	330,753	276,500	167,426	327,292	408,653	453,511	587,502	603,602	484,213	447,954	353,207	418,756	4,859,370
Childs/Irving	4	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS GENERATION	4,076	2,303,664	1,999,110	1,949,411	1,916,770	2,314,138	2,386,774	2,600,001	2,615,366	2,405,224	2,178,296	2,025,783	2,246,231	26,940,768
SRP T&C Firm Purch	288	139,379	139,734	141,374	170,556	185,180	198,226	243,982	246,256	201,881	178,755	150,813	168,574	2,164,710
SRP Contingent Purch	62	1,286	-	1,122	11,832	12,319	12,762	15,216	15,379	12,922	11,551	10,348	11,264	116,004
Pac Exchange	480	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Hedged Forward Purch	125													
TOTAL APS PURCH CONTF	955	(2,183)	70,614	142,497	182,389	275,835	349,228	402,046	404,483	283,923	111,971	22,921	36,990	2,280,714

APS MONTHLY GENERATION BY UNIT
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(MWH)

Generating Unit	2003 MW RATING	Jan-2008	Feb-2008	Mar-2008	Apr-2008	May-2008	Jun-2008	Jul-2008	Aug-2008	Sep-2008	Oct-2008	Nov-2008	Dec-2008	Tot-2008
Palo Verde 1	362	283,012	260,351	282,459	271,468	281,244	273,545	282,647	279,742	272,029	280,646	254,471	281,519	3,303,132
Palo Verde 2	362	280,477	263,332	281,738	272,447	261,792	272,747	280,414	281,473	272,501	283,508	270,345	284,327	3,305,101
Palo Verde 3	363	281,826	264,220	281,311	273,933	280,907	271,199	283,497	281,069	272,577	282,569	273,687	281,838	3,328,634
TOTAL NUCLEAR	1,086	845,315	787,902	845,508	817,847	823,944	817,490	846,558	842,285	817,107	846,724	798,503	847,684	9,936,867
Four Corners 1	170	117,742	110,422	116,435	113,562	118,220	113,248	117,183	118,218	113,770	118,086	112,147	117,941	1,386,971
Four Corners 2	170	116,629	109,252	116,885	113,687	116,500	113,832	116,560	116,778	114,851	116,643	112,147	117,629	1,381,395
Four Corners 3	220	147,659	135,029	140,041	139,318	147,865	143,417	146,961	146,474	140,701	145,417	140,028	147,456	1,720,366
Four Corners 4	111	75,290	70,875	74,216	72,961	75,730	72,111	75,444	75,622	71,861	75,219	72,172	75,646	887,147
Four Corners 5	111	75,258	71,376	74,996	73,251	74,560	73,371	74,279	76,334	74,410	74,002	73,325	75,474	890,636
TOTAL PLANT	782	532,577	496,954	522,572	512,779	532,875	515,979	530,427	533,426	515,593	529,367	509,819	534,147	6,266,515
Cholla 1	110	73,891	66,385	67,573	66,535	75,057	74,423	77,777	76,957	74,290	70,371	67,051	74,655	864,966
Cholla 2	245	161,912	143,656	144,307	144,166	164,563	163,436	171,104	172,158	162,416	152,067	144,237	163,905	1,887,926
Cholla 3	260	165,137	150,010	147,198	143,354	172,080	173,671	180,547	182,005	174,110	156,471	148,218	170,973	1,963,775
TOTAL PLANT	615	400,940	360,051	359,079	354,055	411,700	411,530	429,428	431,120	410,816	378,909	359,506	409,533	4,716,666
Navajo 1	105	74,142	69,259	74,470	71,981	74,275	71,202	74,567	73,615	72,031	74,475	72,103	73,535	875,656
Navajo 2	105	72,453	68,811	73,567	71,757	72,984	71,273	72,555	72,972	71,450	73,984	71,085	73,610	866,501
Navajo 3	105	73,969	69,291	74,311	71,642	74,922	71,906	74,129	73,794	71,918	74,140	71,961	74,520	876,503
TOTAL PLANT	315	220,564	207,361	222,349	215,380	222,181	214,381	221,251	220,381	215,399	222,598	215,149	221,665	2,618,660
TOTAL COAL	1,712	1,154,081	1,064,366	1,104,000	1,082,215	1,166,756	1,141,890	1,181,106	1,184,927	1,141,808	1,130,874	1,084,474	1,165,344	13,601,842
West Phoenix CC1	85	48,359	38,769	26,825	30,873	47,886	49,258	54,590	54,910	49,768	42,385	40,233	50,464	534,318
West Phoenix CC2	85	48,986	38,026	26,664	30,325	47,875	49,422	55,363	54,714	49,838	42,357	39,412	50,997	533,978
West Phoenix CC3	85	54,943	45,768	37,757	39,250	53,276	51,863	55,710	54,763	51,535	47,484	46,365	55,480	594,196
TOTAL CC'S	255	152,289	122,564	91,246	100,448	149,037	150,543	165,663	164,387	151,141	132,226	126,010	156,940	1,662,493
Ocotillo ST1	110	47,501	33,396	17,889	24,763	52,219	59,985	73,811	75,200	62,113	46,037	35,767	48,049	576,729
Ocotillo ST2	110	48,788	32,071	13,025	21,673	52,166	60,476	74,653	75,767	62,225	46,290	36,086	48,296	571,516
Saguaro ST1	110	21,061	11,708	2,301	6,781	24,962	29,485	38,950	40,099	31,032	20,854	12,624	22,234	262,091
Saguaro ST2	100	19,135	10,363	1,175	5,205	22,369	26,729	36,260	37,833	28,524	18,225	9,733	19,668	235,220
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	136,484	87,538	34,390	58,423	151,715	176,674	223,674	228,900	183,894	131,406	94,210	138,246	1,645,555
Ocotillo CT1	55	12,930	7,872	1,806	4,163	17,639	20,412	28,838	29,023	21,687	14,381	8,381	13,900	181,032
Ocotillo CT2	55	12,629	7,769	1,456	3,561	17,406	20,665	28,123	28,028	21,569	14,024	8,527	13,798	177,554
Saguaro CT1	55	11,246	6,299	1,148	2,775	15,711	19,742	26,596	28,171	19,998	12,935	7,163	11,978	163,762
Saguaro CT2	55	10,738	6,249	852	2,604	15,176	19,552	26,576	27,754	20,002	12,577	6,535	11,694	160,307
West Phoenix CT1	55	9,175	5,026	548	2,005	14,074	18,207	25,446	26,661	19,161	10,742	4,594	10,324	145,962
West Phoenix CT2	55	9,642	5,502	582	2,098	14,332	18,172	25,600	27,168	19,355	11,245	4,991	10,621	149,307
Yucca CT1	19	5,691	3,202	169	681	5,033	6,796	9,551	10,286	7,293	3,798	3,364	5,925	61,789
Yucca CT2	19	5,628	3,290	160	647	5,059	6,860	9,431	10,074	7,269	3,898	3,596	6,135	62,048
Yucca CT3	55	15,460	9,922	2,635	5,483	19,665	22,962	30,136	31,878	24,305	16,478	10,537	16,675	206,136
Yucca CT4	54	1,731	854	37	172	1,243	1,832	2,777	3,283	1,993	966	587	1,874	17,348
Douglas CT	16	661	324	8	58	465	711	1,031	1,115	777	341	213	726	6,429
TOTAL CT'S	493	95,529	56,309	9,400	24,247	125,802	155,910	214,103	223,441	163,409	101,384	58,489	103,650	1,331,674
TOTAL APS GAS/OIL	1,274	384,303	266,411	135,037	183,119	426,555	483,128	603,639	617,241	498,444	365,015	278,709	398,836	4,640,437
Childs/Irving	4	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS GENERATION	4,076	2,383,699	2,118,679	2,084,545	2,083,181	2,417,254	2,442,508	2,631,304	2,644,452	2,457,359	2,342,614	2,161,686	2,411,864	28,179,145
SRP T&C Firm Purch	288	146,474	116,364	94,735	118,339	186,476	207,844	254,925	256,612	213,695	159,469	119,365	155,491	2,029,788
SRP Contingent Purch	62	1,364	-	686	8,893	12,215	13,101	15,459	15,549	13,341	10,237	8,505	10,752	110,103
Pac Exchange	480	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Hedged Forward Purch	125													
TOTAL APS PURCH CONTF	955	4,990	47,244	95,421	127,232	277,027	359,186	413,232	415,009	296,156	91,371	(10,370)	23,395	2,139,891

APS MONTHLY GENERATION BY UNIT
PHYSICAL CAPABILITY OF UNITS
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(MWH)

Generating Unit	2003 MW RATING	Jan-2009	Feb-2009	Mar-2009	Apr-2009	May-2009	Jun-2009	Jul-2009	Aug-2009	Sep-2009	Oct-2009	Nov-2009	Dec-2009	Tot-2009
Palo Verde 1	362	282,467	252,935	282,612	271,041	280,828	273,485	280,058	281,969	272,113	281,668	273,282	278,469	3,310,927
Palo Verde 2	362	281,585	253,277	281,351	273,361	279,547	273,983	282,870	281,721	271,500	281,312	254,356	280,758	3,295,621
Palo Verde 3	363	280,898	254,296	281,662	273,057	263,425	270,988	282,147	282,372	272,093	282,431	273,245	281,347	3,297,959
TOTAL NUCLEAR	1,086	844,950	760,508	845,625	817,459	823,800	818,456	845,075	846,062	815,706	845,411	800,883	840,574	9,904,508
Four Corners 1	170	116,888	106,256	118,549	113,244	117,681	114,689	115,994	117,922	115,029	117,307	114,229	117,492	1,385,279
Four Corners 2	170	116,108	103,394	116,469	112,124	117,765	109,328	116,477	116,188	111,322	117,156	111,696	115,592	1,363,618
Four Corners 3	220	147,994	133,864	145,849	140,075	149,840	145,939	149,651	147,469	143,941	147,021	142,438	149,274	1,743,355
Four Corners 4	111	75,357	67,691	74,665	73,151	75,262	72,239	75,510	74,879	73,070	75,338	72,327	75,503	884,993
Four Corners 5	111	74,236	68,488	76,187	73,210	74,826	73,206	74,770	74,411	74,138	76,348	71,196	76,465	887,481
TOTAL PLANT	782	530,582	479,694	531,718	511,803	535,374	515,401	532,402	530,869	517,501	533,170	511,886	534,326	6,264,726
Cholla 1	110	75,412	67,108	69,201	68,044	75,930	73,456	76,518	76,637	73,365	72,073	68,721	74,891	871,355
Cholla 2	245	164,845	150,223	152,186	148,275	168,802	165,236	171,375	173,732	164,817	158,712	149,762	168,050	1,936,012
Cholla 3	260	173,622	153,844	156,632	154,016	174,219	175,992	182,628	182,639	175,780	163,426	156,219	174,491	2,023,509
TOTAL PLANT	615	413,878	371,175	378,019	370,335	418,950	414,684	430,520	433,008	413,962	394,211	374,701	417,432	4,830,876
Navajo 1	105	74,124	67,082	74,293	71,853	74,360	72,032	73,219	74,761	71,417	74,418	72,024	74,520	874,102
Navajo 2	105	73,820	65,304	72,978	71,550	73,600	71,069	73,200	73,718	70,699	72,821	71,272	73,533	863,564
Navajo 3	105	74,257	67,058	74,037	71,576	74,403	72,020	74,723	74,286	70,955	74,206	72,049	74,196	873,767
TOTAL PLANT	315	222,201	199,443	221,308	214,979	222,363	215,121	221,143	222,765	213,071	221,445	215,345	222,249	2,611,432
TOTAL COAL	1,712	1,166,661	1,050,312	1,131,046	1,097,118	1,176,687	1,145,206	1,184,065	1,186,642	1,144,533	1,148,826	1,101,932	1,174,007	13,707,034
West Phoenix CC1	85	51,753	44,840	32,339	35,303	50,970	50,272	54,286	53,036	50,870	45,062	42,774	53,738	565,243
West Phoenix CC2	85	52,080	45,227	31,906	34,987	50,383	50,635	54,726	53,798	50,457	44,639	42,728	53,746	565,312
West Phoenix CC3	85	57,904	50,813	41,439	44,524	53,728	51,977	54,390	54,518	52,444	49,511	48,407	57,296	616,950
TOTAL CC'S	255	161,737	140,880	105,684	114,815	155,081	152,884	163,402	161,351	153,771	139,212	133,909	164,779	1,747,505
Ocotillo ST1	110	51,604	42,536	24,326	31,536	57,539	63,535	74,566	75,554	65,263	49,632	41,249	53,436	630,774
Ocotillo ST2	110	52,102	42,080	20,827	29,952	57,946	63,820	75,554	75,600	66,560	49,951	41,711	54,533	630,635
Saguaro ST1	110	25,570	16,748	4,769	10,619	28,484	30,674	41,199	42,379	33,111	23,577	16,329	26,648	300,106
Saguaro ST2	100	23,011	14,848	2,479	8,222	25,866	28,285	38,421	39,403	30,895	21,745	13,424	25,349	271,947
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	152,287	116,211	52,402	80,329	169,833	186,313	229,741	232,935	195,829	144,905	112,713	159,966	1,833,463
Ocotillo CT1	55	15,252	12,383	2,959	6,426	19,403	22,848	28,872	31,271	22,950	17,195	10,470	15,595	205,624
Ocotillo CT2	55	14,975	11,235	2,551	5,590	19,467	22,669	29,494	29,504	22,457	16,129	10,386	15,708	200,164
Saguaro CT1	55	13,165	9,522	1,853	4,673	18,347	21,558	28,281	29,090	21,916	15,184	8,654	13,942	186,186
Saguaro CT2	55	12,807	9,250	1,439	4,152	17,298	20,793	28,044	29,121	21,566	14,638	8,379	13,157	180,644
West Phoenix CT1	55	11,256	7,220	854	3,253	15,782	20,085	27,069	28,309	20,459	13,251	6,362	11,785	165,684
West Phoenix CT2	55	11,546	7,839	1,047	3,373	16,401	19,934	26,842	28,445	21,074	13,964	6,878	12,333	169,676
Yucca CT1	19	6,807	4,566	305	1,110	5,881	7,524	10,267	10,491	7,886	4,868	4,496	7,063	71,262
Yucca CT2	19	6,876	4,798	276	1,101	5,777	7,456	10,093	10,318	7,906	4,762	4,735	6,987	71,084
Yucca CT3	55	18,545	14,822	4,088	7,875	22,026	24,952	32,103	32,737	25,266	18,468	13,560	19,533	233,975
Yucca CT4	54	2,180	1,320	56	261	1,488	1,978	3,263	3,697	2,218	1,296	900	2,365	21,023
Douglas CT	16	813	509	11	89	565	768	1,127	1,175	848	443	338	956	7,640
TOTAL CT'S	493	114,221	83,462	15,439	37,902	142,433	170,565	225,455	234,158	174,548	120,197	75,158	119,422	1,512,961
TOTAL APS GAS/OIL	1,274	428,246	340,553	173,524	233,046	467,348	509,762	619,212	629,065	524,175	404,315	321,782	444,167	5,095,195
Childs/Irving	4	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS GENERATION	4,076	2,439,857	2,151,374	2,150,195	2,147,622	2,467,834	2,473,425	2,648,352	2,661,769	2,484,414	2,398,551	2,224,597	2,458,748	28,706,737
SRP T&C Firm Purch	288	169,377	153,196	115,406	135,339	200,558	224,108	263,934	263,865	227,134	172,754	137,474	179,523	2,242,667
SRP Contingent Purch	62	1,035	-	918	9,603	12,690	13,735	15,526	15,570	13,804	10,773	9,499	11,738	114,892
Pac Exchange	480	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Hedged Forward Purch	125													
TOTAL APS PURCH CONTF	955	27,564	84,076	116,324	144,942	291,584	376,084	422,308	422,282	310,058	105,191	8,733	48,413	2,357,560

APS MONTHLY GENERATION BY UNIT
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Generating Unit	2003 MW RATING	Jan-2010	Feb-2010	Mar-2010	Apr-2010	May-2010	Jun-2010	Jul-2010	Aug-2010	Sep-2010	Oct-2010	Nov-2010	Dec-2010	Tot-2010
Palo Verde 1	362	282,898	254,329	281,948	270,486	262,424	270,892	280,418	284,075	272,125	280,755	271,765	282,965	3,295,079
Palo Verde 2	362	280,527	254,982	281,190	273,754	281,013	272,028	282,780	279,986	272,857	280,027	274,163	282,194	3,315,500
Palo Verde 3	363	280,409	255,824	280,588	272,879	281,564	273,722	281,732	280,245	273,466	283,100	252,104	283,643	3,299,274
TOTAL NUCLEAR	1,086	843,834	765,135	843,726	817,118	825,001	816,641	844,930	844,306	818,447	843,882	798,032	848,801	9,909,853
Four Corners 1	170	116,697	103,517	116,043	114,113	116,163	113,334	117,098	115,059	112,215	116,926	113,195	117,210	1,371,571
Four Corners 2	170	117,348	105,750	116,621	112,852	119,004	113,994	116,483	117,453	113,715	116,674	113,586	116,965	1,380,445
Four Corners 3	220	149,791	133,732	147,823	143,176	148,369	144,578	150,120	149,052	143,448	149,013	141,738	149,489	1,750,328
Four Corners 4	111	74,729	67,255	76,193	72,209	74,747	73,167	75,162	74,949	72,207	75,549	72,837	74,806	883,811
Four Corners 5	111	75,191	66,923	76,065	73,391	75,059	72,149	75,917	74,056	72,399	75,534	74,297	73,902	884,884
TOTAL PLANT	782	533,756	477,178	532,746	515,741	533,342	517,222	534,781	530,570	513,985	533,695	515,653	532,372	6,271,038
Cholla 1	110	76,261	69,515	71,791	71,573	76,132	74,918	77,236	77,138	75,375	73,372	70,624	77,131	891,066
Cholla 2	245	167,516	149,299	155,921	152,783	167,760	164,152	170,979	169,466	164,854	160,931	152,911	167,017	1,943,589
Cholla 3	260	178,848	158,103	160,275	160,721	183,232	174,242	183,395	184,777	176,336	168,121	163,171	180,347	2,071,568
TOTAL PLANT	615	422,626	376,917	387,987	385,077	427,124	413,312	431,611	431,381	416,564	402,423	386,706	424,494	4,906,223
Navajo 1	105	73,610	66,617	74,555	71,667	74,280	72,207	74,344	73,015	72,111	74,122	71,905	74,583	873,017
Navajo 2	105	73,567	66,509	72,618	70,596	73,966	71,296	73,815	73,272	71,126	72,427	70,861	73,978	864,030
Navajo 3	105	74,482	67,571	73,549	71,524	74,172	72,044	74,606	74,356	71,845	74,104	71,407	74,360	874,021
TOTAL PLANT	315	221,660	200,697	220,722	213,787	222,418	215,546	222,765	220,644	215,082	220,654	214,172	222,922	2,611,068
TOTAL COAL	1,712	1,178,041	1,054,792	1,141,455	1,114,605	1,182,883	1,146,080	1,189,157	1,182,595	1,145,631	1,156,772	1,116,531	1,179,788	13,788,330
West Phoenix CC1	85	54,375	48,004	36,988	38,711	52,858	51,323	54,282	52,517	52,149	47,342	46,995	55,752	591,294
West Phoenix CC2	85	55,805	47,221	37,021	38,751	52,703	51,410	54,052	53,292	52,008	47,689	46,439	56,487	592,879
West Phoenix CC3	85	58,449	52,517	47,289	47,350	55,984	51,803	54,142	53,367	53,353	52,255	51,207	59,119	636,834
TOTAL CC'S	255	168,629	147,742	121,298	124,812	161,545	154,536	162,476	159,175	157,510	147,286	144,641	171,358	1,821,007
Ocotillo ST1	110	56,139	47,458	32,400	37,573	60,879	66,012	75,352	75,966	67,586	53,524	45,314	57,539	675,742
Ocotillo ST2	110	56,837	47,246	29,395	36,173	61,744	67,216	76,263	75,938	68,107	53,949	45,765	60,412	679,044
Saguaro ST1	110	29,852	22,162	7,050	14,058	30,196	34,196	44,611	49,292	35,220	25,869	19,267	30,627	342,400
Saguaro ST2	100	28,270	21,724	4,349	11,394	27,924	32,069	42,471	46,731	31,970	24,104	16,538	29,872	317,417
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	171,097	138,591	73,194	99,197	180,743	199,493	238,698	247,928	202,882	157,446	126,883	178,450	2,014,602
Ocotillo CT1	55	16,990	12,448	6,040	8,622	21,622	23,628	28,933	29,723	24,493	17,792	13,855	16,971	221,116
Ocotillo CT2	55	16,731	12,561	5,051	7,726	21,452	23,755	28,179	26,307	23,976	17,890	12,689	17,346	213,663
Saguaro CT1	55	14,726	10,274	3,948	6,605	20,000	22,695	28,710	28,619	22,782	16,659	11,047	14,942	201,009
Saguaro CT2	55	14,473	10,343	3,415	5,646	19,317	22,440	27,720	27,933	23,292	15,924	10,895	14,388	195,786
West Phoenix CT1	55	12,640	8,695	2,261	4,686	17,709	21,094	28,045	28,310	21,503	15,005	8,778	12,777	181,505
West Phoenix CT2	55	12,959	8,839	2,419	4,919	18,153	21,619	27,908	27,202	21,798	15,552	9,803	13,278	184,447
Yucca CT1	19	7,669	5,378	742	1,633	6,486	8,208	10,046	9,591	8,133	5,444	5,954	7,779	77,066
Yucca CT2	19	7,728	5,618	707	1,553	6,348	8,164	9,597	9,118	8,231	5,320	6,168	7,708	76,259
Yucca CT3	55	20,599	15,958	7,413	10,208	23,987	26,926	33,049	33,383	26,437	19,684	16,181	21,846	255,671
Yucca CT4	54	2,559	1,650	155	379	1,657	2,283	4,787	5,879	2,356	1,721	1,329	2,710	27,465
Douglas CT	16	1,019	644	37	134	622	847	1,214	1,258	877	525	512	1,078	8,766
TOTAL CT'S	493	128,094	92,410	32,189	52,113	157,352	181,659	228,187	227,321	183,877	131,516	97,210	130,824	1,642,751
TOTAL APS GAS/OIL	1,274	467,820	378,742	226,681	276,121	499,640	535,838	631,913	637,593	544,315	436,248	368,735	480,632	5,484,278
Childs/Irving	4	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS GENERATION	4,076	2,489,695	2,198,669	2,211,863	2,207,845	2,507,524	2,498,560	2,665,999	2,664,493	2,508,393	2,436,901	2,283,298	2,509,221	29,182,461
SRP T&C Firm Purch	288	189,958	171,186	140,417	153,760	213,248	237,380	271,887	270,605	239,576	188,431	155,513	199,768	2,431,730
SRP Contingent Purch	62	1,035	-	1,092	10,335	13,128	13,987	15,585	15,579	14,136	11,382	10,419	12,301	118,979
Pac Exchange	480	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Hedged Forward Purch	125													
TOTAL APS PURCH CONTF	955	48,145	102,066	141,509	164,095	304,711	389,606	430,320	429,033	322,832	121,477	27,692	69,222	2,550,710

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Generating Unit	2003 MW RATING	Jan-2011	Feb-2011	Mar-2011	Apr-2011	May-2011	Jun-2011	Jul-2011	Aug-2011	Sep-2011	Oct-2011	Nov-2011	Dec-2011	Tot-2011
Palo Verde 1	362	279,868	253,850	281,615	273,754	279,205	272,925	280,957	283,594	271,043	281,385	253,800	280,720	3,292,713
Palo Verde 2	362	279,776	255,883	281,646	271,741	261,232	275,024	279,400	282,858	271,725	282,373	271,557	281,797	3,295,012
Palo Verde 3	363	281,688	253,035	282,593	272,571	281,497	273,014	283,097	282,637	272,151	280,696	271,559	282,578	3,317,118
TOTAL NUCLEAR	1,086	841,332	762,768	845,854	818,066	821,933	820,963	843,453	849,089	814,919	844,453	796,916	845,096	9,904,843
Four Corners 1	170	117,321	106,935	116,495	113,823	118,111	113,646	118,602	117,989	113,993	116,801	114,036	118,297	1,386,050
Four Corners 2	170	117,979	105,792	117,779	112,551	116,796	114,492	117,593	117,385	113,747	116,757	112,914	118,060	1,381,844
Four Corners 3	220	147,601	132,959	146,225	142,611	147,217	142,335	147,079	147,786	143,377	145,863	143,424	146,427	1,732,903
Four Corners 4	111	75,226	67,961	74,844	72,891	75,480	72,338	75,598	74,986	72,241	74,858	73,021	75,237	884,681
Four Corners 5	111	75,631	67,732	74,510	72,827	76,343	73,421	74,086	75,246	72,771	74,666	73,205	75,690	886,128
TOTAL PLANT	782	533,759	481,378	529,853	514,704	533,947	516,232	532,957	533,392	516,128	528,944	516,599	533,711	6,271,605
Cholla 1	110	76,227	69,731	74,134	72,507	77,477	74,441	77,247	77,519	74,604	75,496	72,429	76,988	898,801
Cholla 2	245	168,410	152,815	159,828	158,447	170,239	166,196	169,759	171,356	165,636	163,651	158,263	170,565	1,975,166
Cholla 3	260	177,340	159,790	164,167	164,290	180,569	177,461	180,622	181,430	176,552	169,256	164,068	181,533	2,077,079
TOTAL PLANT	615	421,977	382,336	398,128	395,245	428,286	418,098	427,628	430,304	416,792	408,403	394,761	429,086	4,951,045
Navajo 1	105	74,476	66,931	73,597	72,473	73,554	71,613	74,819	74,627	71,034	74,129	71,579	74,216	873,048
Navajo 2	105	74,055	66,509	72,801	70,542	72,813	71,782	73,409	73,715	71,171	73,619	69,828	73,687	863,932
Navajo 3	105	74,040	67,413	74,840	71,671	73,424	71,897	74,579	74,532	71,835	74,360	71,509	74,347	874,447
TOTAL PLANT	315	222,571	200,854	221,238	214,686	219,790	215,292	222,808	222,874	214,041	222,108	212,915	222,250	2,611,427
TOTAL COAL	1,712	1,178,307	1,064,568	1,149,220	1,124,635	1,182,023	1,149,622	1,183,393	1,186,571	1,146,961	1,159,456	1,124,276	1,185,047	13,834,078
West Phoenix CC1	85	58,315	49,678	40,746	42,558	54,540	51,271	54,544	54,220	51,600	50,597	48,073	58,572	614,715
West Phoenix CC2	85	56,582	50,527	41,205	42,475	54,346	51,755	53,960	54,189	52,557	49,929	48,659	58,766	614,950
West Phoenix CC3	85	59,653	52,941	50,326	49,694	56,663	51,906	53,397	54,526	52,459	54,601	53,865	60,219	650,249
TOTAL CC'S	255	174,550	153,145	132,278	134,728	165,549	154,932	161,900	162,935	156,616	155,127	150,597	177,557	1,879,914
Ocotillo ST1	110	59,495	51,392	37,381	42,988	64,319	67,702	76,317	75,802	69,339	55,753	49,760	61,155	711,401
Ocotillo ST2	110	60,528	51,483	36,488	43,848	64,849	68,891	77,015	76,289	70,301	56,962	49,643	62,864	719,160
Saguaro ST1	110	33,286	25,428	11,079	17,392	32,844	35,635	48,251	51,957	36,087	27,863	23,249	34,580	377,651
Saguaro ST2	100	32,179	24,227	7,441	13,965	30,773	32,884	45,497	49,242	32,880	26,691	21,667	32,421	349,869
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	185,488	152,531	92,388	118,192	192,786	205,112	247,080	253,289	208,607	167,269	144,318	191,020	2,158,080
Ocotillo CT1	55	18,642	15,228	8,031	10,642	23,364	25,361	29,694	29,899	25,285	19,476	14,762	19,393	239,778
Ocotillo CT2	55	17,990	14,955	7,500	9,710	23,389	24,566	28,379	26,213	25,371	19,419	14,186	19,138	230,815
Saguaro CT1	55	16,881	12,166	6,366	8,382	22,163	23,647	28,496	28,764	24,211	18,417	12,213	16,987	218,693
Saguaro CT2	55	15,634	12,094	5,370	7,637	21,963	23,385	27,373	27,478	23,735	18,277	11,912	16,883	211,741
West Phoenix CT1	55	14,371	10,108	3,855	6,138	20,349	22,500	27,994	28,641	22,999	16,407	10,122	14,656	198,140
West Phoenix CT2	55	14,614	10,510	4,124	6,579	20,700	23,111	28,139	27,886	22,707	16,762	10,766	15,642	201,540
Yucca CT1	19	8,485	6,912	1,216	2,068	7,390	8,532	9,365	9,280	8,803	6,156	6,526	8,736	83,470
Yucca CT2	19	8,445	7,109	1,198	1,975	7,297	8,560	9,120	7,984	8,849	6,252	6,659	8,740	82,186
Yucca CT3	55	23,123	18,985	9,948	12,434	24,972	27,829	34,655	34,211	27,745	20,829	17,748	23,808	276,289
Yucca CT4	54	3,057	1,943	263	489	1,854	2,443	5,391	6,419	2,360	2,437	1,838	3,142	31,636
Douglas CT	16	1,191	778	72	167	708	916	1,267	1,311	931	590	694	1,214	9,838
TOTAL CT'S	493	142,434	110,788	47,943	66,221	174,148	190,851	229,871	228,088	192,996	145,022	107,425	148,339	1,784,125
TOTAL APS GAS/OIL	1,274	502,471	416,464	272,609	319,141	532,483	551,114	640,866	647,925	558,240	467,418	402,340	516,917	5,827,989
Childs/Irving	4	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS GENERATION	4,076	2,522,111	2,243,800	2,267,683	2,261,842	2,536,439	2,521,700	2,667,712	2,683,585	2,520,119	2,471,327	2,323,532	2,547,060	29,566,909
SRP T&C Firm Purch	288	206,550	183,729	157,789	169,922	226,892	248,578	280,124	279,201	251,519	199,340	175,136	217,422	2,596,203
SRP Contingent Purch	62	1,206	-	1,133	10,919	13,594	14,288	15,622	15,624	14,401	11,686	10,896	12,931	122,301
Pac Exchange	480	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Hedged Forward Purch	125													
TOTAL APS PURCH CONTF	955	64,908	114,609	158,922	180,842	318,822	401,106	438,594	437,673	335,040	132,690	47,793	87,505	2,718,504

APS MONTHLY GENERATION BY UNIT
PHYSICAL CAPABILITY OF UNITS
2003 - 2012
(MWH)

Generating Unit	2003 MW RATING	Jan-2012	Feb-2012	Mar-2012	Apr-2012	May-2012	Jun-2012	Jul-2012	Aug-2012	Sep-2012	Oct-2012	Nov-2012	Dec-2012	Tot-2012
Palo Verde 1	362	279,168	264,195	281,702	271,641	281,374	274,509	278,324	282,961	271,085	280,820	274,910	280,469	3,321,159
Palo Verde 2	362	281,745	262,606	281,618	272,888	282,504	271,818	282,652	282,035	271,594	282,284	254,455	279,738	3,305,939
Palo Verde 3	363	282,571	264,983	280,476	272,513	264,983	271,805	281,691	281,622	275,375	279,833	271,942	280,804	3,308,596
TOTAL NUCLEAR	1,086	843,484	791,784	843,797	817,042	828,861	818,133	842,667	846,618	818,054	842,937	801,307	841,011	9,935,695
Four Corners 1	170	118,012	109,784	119,052	111,811	117,562	114,226	118,455	118,582	113,651	117,844	112,638	118,246	1,389,861
Four Corners 2	170	115,786	108,729	114,590	114,068	114,228	112,112	117,725	115,645	111,447	116,746	113,111	113,827	1,368,014
Four Corners 3	220	148,127	139,394	148,758	145,378	149,286	143,608	148,132	148,203	144,443	151,079	142,845	148,966	1,758,220
Four Corners 4	111	74,618	70,601	75,175	73,028	75,772	71,816	75,472	75,581	72,519	74,587	71,940	75,746	886,855
Four Corners 5	111	74,851	70,319	74,745	73,079	74,610	73,380	76,114	74,548	72,578	75,353	72,492	75,258	887,327
TOTAL PLANT	782	531,393	498,828	532,320	517,363	531,458	515,142	535,897	532,558	514,637	535,609	513,026	532,044	6,290,276
Cholla 1	110	76,136	70,847	74,499	73,033	76,759	74,408	76,264	76,732	73,412	74,586	73,225	76,355	896,255
Cholla 2	245	170,396	157,925	165,726	161,303	171,108	167,690	171,796	171,513	166,807	165,903	160,598	172,403	2,003,168
Cholla 3	260	181,606	164,757	170,647	168,580	181,655	177,505	183,470	182,869	176,017	173,828	168,328	180,810	2,110,073
TOTAL PLANT	615	428,138	393,529	410,872	402,916	429,522	419,603	431,530	431,114	416,236	414,317	402,151	429,568	5,009,495
Navajo 1	105	74,424	69,629	74,600	71,002	74,522	71,360	74,117	74,553	71,763	73,970	71,711	74,450	876,101
Navajo 2	105	73,753	68,287	73,987	70,659	73,240	70,429	73,930	73,603	70,843	73,696	71,672	72,319	866,418
Navajo 3	105	73,892	69,327	74,808	71,852	74,119	71,377	74,184	74,197	72,081	74,550	71,812	74,384	876,583
TOTAL PLANT	315	222,069	207,243	223,396	213,514	221,881	213,165	222,231	222,352	214,686	222,216	215,195	221,153	2,619,102
TOTAL COAL	1,712	1,181,601	1,099,600	1,166,588	1,133,793	1,182,861	1,147,910	1,189,659	1,186,024	1,145,560	1,172,142	1,130,371	1,182,765	13,918,873
West Phoenix CC1	85	59,830	51,242	44,382	44,704	55,685	52,149	54,172	53,645	52,352	51,467	49,953	59,326	628,905
West Phoenix CC2	85	59,103	50,612	45,201	45,277	55,661	52,108	53,774	53,681	52,166	51,401	50,411	59,873	629,269
West Phoenix CC3	85	60,541	54,103	51,879	51,234	57,396	52,294	53,631	53,813	52,668	54,324	55,758	61,069	658,711
TOTAL CC'S	255	179,474	155,957	141,462	141,216	168,742	156,550	161,577	161,140	157,185	157,192	156,122	180,268	1,916,885
Ocotillo ST1	110	62,962	51,354	42,911	47,343	66,525	69,316	76,566	76,696	69,204	58,198	50,962	64,209	736,248
Ocotillo ST2	110	64,511	52,462	43,342	46,926	67,351	70,630	76,603	77,615	70,132	58,925	52,433	65,766	746,695
Saguaro ST1	110	36,079	25,745	13,777	19,033	34,737	36,988	54,173	50,847	37,335	29,706	27,735	36,309	402,464
Saguaro ST2	100	34,758	24,855	10,006	16,936	32,377	33,892	51,419	48,888	34,756	27,812	25,860	34,961	376,519
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	198,310	154,416	110,037	130,238	200,990	210,826	258,761	254,045	211,427	174,642	156,990	201,245	2,261,926
Ocotillo CT1	55	20,006	15,212	10,277	13,400	24,914	25,873	29,286	29,613	25,834	21,026	15,266	21,615	252,323
Ocotillo CT2	55	20,287	14,459	9,183	12,946	24,457	25,043	22,177	26,979	26,084	21,116	15,001	20,810	238,543
Saguaro CT1	55	18,238	12,792	7,988	11,159	23,006	24,362	27,235	29,224	25,362	19,845	13,270	19,160	231,643
Saguaro CT2	55	17,677	11,931	7,015	10,300	23,208	24,323	26,769	28,864	24,473	19,756	12,814	18,655	225,784
West Phoenix CT1	55	15,393	10,535	5,175	8,248	21,993	23,279	27,665	28,756	23,548	18,502	11,494	16,893	211,482
West Phoenix CT2	55	16,082	10,853	5,661	8,595	22,096	23,680	26,548	28,205	23,971	17,968	11,526	17,910	213,095
Yucca CT1	19	9,054	6,896	1,646	2,712	7,820	8,925	8,591	10,051	9,301	6,855	6,726	9,506	88,083
Yucca CT2	19	9,164	6,958	1,590	2,742	7,880	8,810	8,205	8,727	9,078	6,904	6,930	9,444	86,432
Yucca CT3	55	25,320	19,022	12,960	15,356	26,342	28,014	34,665	34,912	29,057	22,326	18,743	25,356	292,071
Yucca CT4	54	3,306	1,968	331	671	2,026	2,709	8,169	5,728	2,682	3,407	2,376	3,674	37,048
Douglas CT	16	1,331	777	97	225	772	967	1,367	1,315	988	676	859	1,411	10,785
TOTAL CT'S	493	155,859	111,405	61,922	86,354	184,514	195,985	220,677	232,374	200,378	158,381	115,004	164,435	1,887,289
TOTAL APS GAS/OIL	1,274	533,643	421,778	313,421	357,808	554,250	563,544	647,522	650,792	569,254	490,215	428,115	545,947	6,076,289
Childs/Irving	4	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS GENERATION	4,076	2,558,729	2,313,162	2,323,805	2,308,644	2,565,972	2,529,587	2,679,847	2,683,434	2,532,868	2,505,294	2,359,793	2,569,723	29,930,857
SRP T&C Firm Purch	288	223,700	188,649	172,594	184,413	240,996	259,272	287,621	286,449	261,956	214,531	189,819	234,302	2,744,301
SRP Contingent Purch	62	1,235	-	1,464	11,394	13,975	14,572	15,624	15,624	14,561	12,190	11,073	13,571	125,283
Pac Exchange	480	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Hedged Forward Purch	125													
TOTAL APS PURCH CONTF	955	82,087	119,529	174,058	195,807	333,307	412,084	446,093	444,921	345,637	148,384	62,652	105,025	2,869,584

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APS MONTHLY CAPACITY FACTORS BY UNIT
PHYSICAL CAPABILITY OF UNITS
2003-2012
(%)

	2003 MW RATING	Jan-2003	Feb-2003	Mar-2003	Apr-2003	May-2003	Jun-2003	Jul-2003	Aug-2003	Sep-2003	Oct-2003	Nov-2003	Dec-2003	Tot-2003
Palo Verde 1	362	98.02	97.74	97.98	97.71	97.51	97.13	97.66	98.06	97.34	97.48	97.03	97.73	97.62
Palo Verde 2	362	98.38	97.88	97.90	97.29	97.78	96.80	97.95	97.23	84.71	-	-	59.87	77.42
Palo Verde 3	363	98.04	97.86	88.03	-	84.80	98.29	97.56	97.13	97.47	97.60	97.23	97.23	87.68
TOTAL NUCLEAR	1,086	98.15	97.83	94.63	64.93	93.35	97.41	97.72	97.47	93.18	65.06	64.79	84.37	87.57
Four Corners 1	170	86.39	88.38	80.49	91.96	85.87	89.54	92.58	92.29	91.40	88.61	87.80	84.31	88.28
Four Corners 2	170	84.39	87.59	81.17	90.42	85.74	88.07	91.60	90.35	89.18	87.17	87.27	83.10	87.15
Four Corners 3	220	78.59	81.74	56.54	-	54.53	83.65	88.17	88.32	86.08	83.08	81.39	77.82	71.67
Four Corners 4	111	91.93	44.96	87.95	89.91	89.41	90.63	88.65	90.81	89.32	89.42	89.53	88.87	86.24
Four Corners 5	111	93.21	90.38	88.09	91.29	89.98	89.02	91.03	91.82	90.05	89.54	85.04	53.93	86.90
TOTAL PLANT	782	85.52	80.46	76.04	65.37	78.11	87.65	90.35	90.47	88.93	86.99	85.73	78.55	82.88
Cholla 1	110	84.65	89.68	80.45	93.16	87.89	90.26	93.60	93.05	91.80	88.97	88.20	86.02	88.95
Cholla 2	245	81.02	85.12	75.02	90.82	85.10	88.28	94.59	93.98	89.07	84.87	84.66	82.49	86.24
Cholla 3	260	75.92	42.99	21.66	88.28	81.64	85.22	92.88	94.00	87.09	82.02	80.25	78.92	76.07
TOTAL PLANT	615	79.51	68.12	53.43	90.16	84.14	87.34	93.69	93.82	88.72	84.40	83.43	81.61	82.43
Navajo 1	105	53.25	3.37	95.99	94.82	94.75	95.54	94.40	95.11	95.71	95.06	94.57	94.21	84.44
Navajo 2	105	96.53	94.30	94.45	94.53	93.06	93.53	94.20	94.92	93.34	95.05	94.05	92.36	94.20
Navajo 3	105	96.04	95.24	21.76	-	83.44	95.53	94.79	94.26	94.87	95.80	94.82	95.42	80.14
TOTAL PLANT	315	81.94	64.30	70.74	63.12	90.42	94.87	94.46	94.76	94.64	95.30	94.48	94.00	86.26
TOTAL COAL	1,712	82.70	73.06	66.94	73.86	82.54	88.86	92.31	92.47	89.91	87.59	86.51	82.49	83.34
West Phoenix CC1	85	46.07	57.01	25.60	67.29	55.90	59.27	81.59	83.33	62.96	58.06	53.44	57.17	58.97
West Phoenix CC2	85	45.56	57.15	31.18	67.40	56.21	58.37	81.10	83.12	64.27	5.39	29.29	56.96	52.95
West Phoenix CC3	85	63.57	71.03	46.19	13.18	67.78	70.34	84.03	85.78	75.17	72.32	68.33	71.63	65.83
TOTAL CC'S	255	51.74	61.73	34.32	49.29	59.96	62.66	82.24	84.08	67.47	45.25	50.35	61.92	59.25
Ocotillo ST1	110	30.09	32.07	3.77	49.43	39.38	46.53	71.31	76.05	53.38	44.34	28.68	37.06	42.74
Ocotillo ST2	110	26.25	28.54	10.59	48.35	37.12	44.23	72.19	77.70	52.27	42.75	22.18	33.31	41.39
Saguaro ST1	110	7.71	0.34	1.96	16.22	14.00	17.83	32.30	36.51	22.78	17.35	5.61	12.43	15.54
Saguaro ST2	100	5.32	8.05	0.89	13.11	13.30	16.88	30.93	35.10	21.81	15.23	1.12	10.62	14.43
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	14.41	14.28	3.58	26.34	21.45	25.92	42.65	46.46	31.00	24.74	12.02	19.33	23.59
Ocotillo CT1	55	11.31	14.38	3.12	14.53	19.48	29.04	46.39	50.16	33.43	23.62	8.82	17.60	22.74
Ocotillo CT2	55	8.10	13.65	2.68	18.54	17.75	26.25	44.23	48.35	32.88	21.36	7.30	16.87	21.56
Saguaro CT1	55	8.49	11.47	0.02	12.88	15.41	24.13	41.53	45.19	30.15	18.72	4.34	13.76	18.91
Saguaro CT2	55	7.74	10.80	2.00	13.12	14.21	22.55	39.78	45.04	27.67	16.69	4.46	13.54	18.21
West Phoenix CT1	55	5.74	3.93	1.50	10.24	10.66	19.97	35.90	40.26	24.04	14.08	1.93	11.01	15.04
West Phoenix CT2	55	5.55	8.47	1.09	9.26	11.18	20.57	36.79	42.14	25.40	14.76	2.45	11.38	15.83
Yucca CT1	19	10.60	16.50	0.95	8.04	10.90	21.50	36.54	43.67	24.05	14.52	8.96	21.83	18.21
Yucca CT2	19	11.76	15.70	1.19	8.59	11.20	20.78	38.12	42.15	24.16	13.70	9.91	21.40	18.27
Yucca CT3	55	15.20	18.34	4.45	24.95	23.30	31.92	50.41	54.80	38.64	28.64	13.71	21.58	27.23
Yucca CT4	54	0.68	1.16	0.10	0.64	1.57	1.93	3.46	4.14	2.23	1.34	0.30	2.09	1.64
Douglas CT	16	0.67	1.39	0.06	0.67	0.20	2.27	4.42	5.15	2.65	1.42	0.24	2.24	1.79
TOTAL CT'S	493	7.89	10.46	1.76	12.28	13.52	21.38	36.31	40.29	25.86	16.66	5.57	13.76	17.21
TOTAL APS GAS/OIL	1,274	19.36	22.30	9.03	25.49	26.09	31.51	48.12	51.60	36.31	25.72	17.20	25.70	28.26
Childs/Irving	4	87.16	87.40	87.16	86.87	87.16	86.87	87.16	87.17	86.88	87.17	86.87	87.16	87.09
TOTAL APS GENERATION	4,076	67.02	63.81	56.24	56.38	67.78	73.22	79.94	81.02	74.03	62.25	59.06	65.79	67.26
SRP T&C Firm Purch	350	31.44	37.87	26.27	59.48	53.05	59.21	74.80	77.03	63.81	56.52	44.49	38.89	51.62
Pac Exchange	480	(40.00)	(21.43)	-	-	21.94	40.00	40.00	40.00	20.00	(21.94)	(40.00)	(40.00)	-
Hedged Forward Purch	125	-	-	-	-	-	-	77.50	80.38	75.79	-	-	-	19.64
TOTAL APS PURCH CONTF	955	(8.88)	2.85	9.51	21.52	30.30	41.81	57.66	58.86	43.36	9.69	(3.80)	(5.85)	21.49

APS MONTHLY CAPACITY FACTORS BY UNIT
PHYSICAL CAPABILITY OF UNITS
2003-2012
(%)

	2003 MW RATING	Jan-2004	Feb-2004	Mar-2004	Apr-2004	May-2004	Jun-2004	Jul-2004	Aug-2004	Sep-2004	Oct-2004	Nov-2004	Dec-2004	Tot-2004
Palo Verde 1	362	97.24	97.53	97.94	6.31	69.42	97.15	97.33	97.16	97.39	97.72	97.62	98.99	87.74
Palo Verde 2	362	97.65	98.33	97.53	97.00	98.21	97.84	97.38	97.60	97.05	97.34	98.23	97.00	97.59
Palo Verde 3	363	97.72	96.67	97.33	97.51	97.82	97.27	97.12	97.55	96.95	3.22	74.28	97.80	87.51
TOTAL NUCLEAR	1,086	97.54	97.53	97.60	67.68	88.72	97.43	97.28	97.44	97.13	66.76	90.22	97.91	91.10
Four Corners 1	170	86.44	90.11	81.53	90.04	88.80	89.04	88.99	91.70	89.99	89.74	81.00	86.57	87.82
Four Corners 2	170	88.63	91.03	70.24	-	63.60	90.91	92.32	92.43	91.31	90.78	83.35	86.71	78.51
Four Corners 3	220	82.08	82.41	74.68	84.08	85.15	84.88	88.49	88.57	85.75	84.25	76.72	80.45	83.13
Four Corners 4	111	5.97	-	54.16	89.28	89.41	90.84	89.63	89.52	90.13	89.48	88.01	89.48	72.36
Four Corners 5	111	88.61	90.99	90.92	89.51	91.33	89.68	90.48	88.67	91.22	91.66	87.13	90.92	90.10
TOTAL PLANT	782	74.58	75.48	74.60	68.61	82.74	88.62	89.87	90.24	89.28	88.66	82.17	85.91	82.61
Cholla 1	110	90.42	40.44	68.48	92.32	91.24	92.46	94.78	94.43	92.48	91.23	82.60	87.92	85.09
Cholla 2	245	85.10	85.94	76.67	86.28	87.24	89.18	93.26	93.61	89.57	86.08	77.42	83.47	86.16
Cholla 3	260	81.97	83.85	71.24	86.51	84.71	88.41	94.82	94.40	89.05	85.03	73.47	80.04	84.46
TOTAL PLANT	615	84.73	76.92	72.91	87.46	86.89	89.44	94.19	94.09	89.87	86.56	76.68	82.81	85.25
Navajo 1	105	95.45	94.80	95.01	95.31	95.02	94.43	94.99	94.95	94.85	95.74	94.94	94.78	95.03
Navajo 2	105	90.64	-	8.99	95.11	93.89	94.44	93.44	92.99	93.13	95.51	94.56	93.64	79.12
Navajo 3	105	94.96	95.10	94.36	94.71	95.48	95.58	94.99	94.90	94.55	94.97	95.17	94.97	94.98
TOTAL PLANT	315	93.69	63.30	66.12	95.04	94.80	94.82	94.47	94.28	94.18	95.41	94.89	94.47	89.71
TOTAL COAL	1,712	81.74	73.76	72.43	80.24	86.45	90.06	92.27	92.37	90.39	89.14	82.54	86.37	84.86
West Phoenix CC1	85	59.99	58.11	22.09	15.31	61.22	65.36	84.36	84.39	69.99	63.41	43.47	55.45	57.01
West Phoenix CC2	85	47.19	57.44	26.54	59.97	61.54	65.69	84.05	86.24	68.24	63.29	44.99	54.91	60.03
West Phoenix CC3	85	72.52	53.53	43.02	76.89	74.42	75.84	85.05	85.94	79.18	73.64	60.38	69.69	70.91
TOTAL CC'S	255	59.90	56.36	30.55	50.72	65.73	68.96	84.49	85.52	72.47	66.78	49.61	60.02	62.65
Ocotillo ST1	110	40.17	35.21	7.91	42.42	47.92	55.59	80.51	82.30	61.95	52.08	27.29	36.14	47.53
Ocotillo ST2	110	37.59	32.43	4.85	40.64	46.48	54.37	80.70	84.21	62.11	49.91	7.15	34.82	44.71
Saguaro ST1	110	12.02	2.28	0.74	14.52	19.69	23.35	38.80	41.14	29.08	22.25	7.65	11.70	18.69
Saguaro ST2	100	12.37	9.04	0.36	11.90	19.52	23.00	39.05	41.52	29.89	21.40	5.12	1.44	17.94
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	21.13	16.34	2.89	22.67	27.57	32.25	49.25	51.32	37.71	30.05	9.78	17.56	26.61
Ocotillo CT1	55	21.69	13.46	0.54	16.07	26.71	35.21	54.46	56.74	42.24	32.94	8.42	17.43	27.25
Ocotillo CT2	55	0.93	9.44	1.85	13.95	25.81	34.11	55.34	56.64	40.70	30.72	8.43	17.25	24.68
Saguaro CT1	55	18.58	11.95	1.26	11.82	23.54	31.41	51.65	52.45	37.56	22.72	5.00	14.12	23.59
Saguaro CT2	55	18.14	12.25	0.62	1.25	20.62	30.96	50.16	52.62	37.82	26.08	5.23	12.86	22.48
West Phoenix CT1	55	8.07	9.61	0.63	9.67	17.22	28.86	46.71	50.35	34.62	22.67	2.73	9.69	20.14
West Phoenix CT2	55	14.79	5.14	0.58	9.21	18.51	29.05	46.97	49.79	35.64	24.04	2.74	10.48	20.68
Yucca CT1	19	22.12	17.37	0.44	8.30	18.17	30.62	52.24	53.75	37.01	23.20	8.99	20.13	24.43
Yucca CT2	19	23.22	13.38	0.49	8.62	17.61	29.31	51.66	54.79	35.72	22.06	10.37	21.03	24.11
Yucca CT3	55	25.63	18.40	3.06	20.43	24.32	40.71	60.83	62.91	46.02	34.92	12.77	22.60	31.13
Yucca CT4	54	2.31	1.49	0.05	0.73	1.78	2.84	4.75	5.36	3.44	1.83	0.26	1.58	2.21
Douglas CT	16	2.66	1.92	0.03	0.83	1.66	3.44	6.28	6.86	4.27	2.30	0.22	1.88	2.70
TOTAL CT'S	493	14.12	10.36	1.00	9.95	19.11	28.43	45.57	47.55	33.95	23.67	5.84	13.47	21.16
TOTAL APS GAS/OIL	1,274	26.18	22.04	7.69	23.36	31.93	38.12	54.88	56.71	43.21	34.93	16.23	24.48	31.71
Childs/Irving	4	87.16	84.37	87.17	86.87	87.16	86.87	87.16	87.16	86.88	87.17	86.87	87.17	86.85
TOTAL APS GENERATION	4,076	69.21	64.56	59.54	59.56	70.58	76.41	82.53	83.19	78.06	66.66	64.44	70.73	70.50
SRP T&C Firm Purch	350	39.73	39.34	21.56	55.02	58.47	64.65	82.33	84.58	69.30	55.70	33.39	39.32	53.32
Pac Exchange	480	(40.00)	(20.69)	-	-	21.94	40.00	40.00	40.00	20.00	(21.94)	(40.00)	(40.00)	-
Hedged Forward Purch	125	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS PURCH CONTF	955	(5.54)	4.02	7.90	20.16	32.46	43.95	50.51	51.35	35.70	9.72	(7.57)	(5.37)	19.79

APS MONTHLY CAPACITY FACTORS BY UNIT
PHYSICAL CAPABILITY OF UNITS
2003-2012
(%)

	2003 MW RATING	Jan-2005	Feb-2005	Mar-2005	Apr-2005	May-2005	Jun-2005	Jul-2005	Aug-2005	Sep-2005	Oct-2005	Nov-2005	Dec-2005	Tot-2005
Palo Verde 1	362	96.07	97.38	97.68	97.17	98.05	96.97	97.39	97.77	96.87	-	-	46.82	77.01
Palo Verde 2	362	97.67	97.65	97.47	3.34	72.45	97.56	97.70	97.47	97.77	97.77	97.65	97.76	87.76
Palo Verde 3	363	97.16	97.03	98.08	97.58	96.49	97.33	97.09	97.69	97.24	97.72	97.01	96.88	97.28
TOTAL NUCLEAR	1,086	96.98	97.36	97.74	64.59	88.62	97.29	97.40	97.64	97.30	65.96	65.69	80.13	87.37
Four Corners 1	170	90.34	59.30	-	84.10	93.09	93.20	92.58	93.59	92.39	92.14	93.82	90.47	81.33
Four Corners 2	170	92.49	91.58	87.35	93.47	91.95	92.87	92.42	93.32	91.47	92.24	94.10	90.45	91.97
Four Corners 3	220	83.92	86.35	78.78	87.59	86.74	86.87	87.77	87.09	87.73	85.43	86.19	85.14	85.78
Four Corners 4	111	89.74	88.84	90.43	89.27	89.62	89.71	90.73	89.06	89.51	89.32	60.13	89.73	87.22
Four Corners 5	111	90.43	88.75	91.46	36.08	91.12	89.60	91.12	89.93	89.47	89.62	91.90	91.24	85.97
TOTAL PLANT	782	88.93	82.30	66.97	81.04	90.29	90.34	90.72	90.54	90.05	89.52	86.68	88.97	86.39
Cholla 1	110	88.52	91.26	81.85	93.85	92.06	91.97	93.91	94.85	92.46	90.67	89.76	89.64	90.88
Cholla 2	245	85.09	88.01	79.22	8.79	46.51	90.08	94.06	93.90	90.57	88.56	87.27	88.28	78.38
Cholla 3	260	83.80	85.11	75.16	92.08	88.35	89.00	93.35	94.03	89.25	85.19	85.85	86.16	87.28
TOTAL PLANT	615	85.16	87.36	77.97	59.21	72.35	89.96	93.73	94.13	90.35	87.51	87.12	87.63	84.38
Navajo 1	105	20.65	-	76.92	94.98	94.75	95.27	95.12	94.85	93.99	95.43	94.61	95.34	79.81
Navajo 2	105	94.34	94.24	92.95	92.88	94.64	94.14	94.00	94.82	92.51	93.26	94.57	95.15	93.96
Navajo 3	105	95.90	94.84	94.61	94.43	94.93	95.54	95.13	95.40	95.03	94.43	94.96	95.04	95.02
TOTAL PLANT	315	70.30	63.02	88.16	94.10	94.77	94.98	94.75	95.02	93.84	94.37	94.71	95.18	89.60
TOTAL COAL	1,712	84.15	80.57	74.82	75.60	84.67	91.06	92.54	92.65	90.86	89.69	88.31	89.63	86.26
West Phoenix CC1	85	49.74	69.09	38.29	77.57	72.10	69.96	86.04	85.92	74.05	71.26	71.49	73.50	69.89
West Phoenix CC2	85	67.37	69.04	38.10	77.50	72.44	69.64	86.05	86.68	73.65	15.42	60.61	74.53	65.84
West Phoenix CC3	85	37.54	-	-	62.61	82.01	77.60	86.42	87.21	81.95	81.54	80.21	82.67	63.70
TOTAL CC'S	255	51.55	46.04	25.46	72.56	75.52	72.40	86.17	86.60	76.55	56.07	70.77	76.90	66.48
Ocotillo ST1	110	49.47	45.15	-	14.58	58.44	62.43	83.28	85.65	68.22	60.31	50.52	52.08	52.61
Ocotillo ST2	110	49.84	47.07	22.51	62.57	57.22	61.99	85.53	87.25	67.04	61.98	51.15	52.64	58.98
Saguaro ST1	110	20.02	11.66	1.58	28.06	25.93	27.06	42.45	43.56	32.96	28.53	18.56	22.51	25.34
Saguaro ST2	100	18.37	15.90	5.55	28.87	24.92	26.87	42.75	43.67	33.01	23.01	7.90	21.86	24.46
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	28.45	24.75	6.09	27.49	34.35	36.78	52.31	53.57	41.45	35.91	26.64	30.76	33.28
Ocotillo CT1	55	26.55	13.77	5.44	33.93	36.18	38.06	58.04	61.54	45.92	40.16	26.24	27.36	34.58
Ocotillo CT2	55	25.95	22.96	4.60	30.47	23.96	37.67	58.30	61.35	46.00	38.27	25.00	25.96	33.44
Saguaro CT1	55	22.94	18.01	2.94	-	29.38	35.13	55.57	58.04	42.85	34.87	21.59	22.25	28.76
Saguaro CT2	55	22.29	13.17	2.85	28.41	29.54	33.84	54.71	57.15	42.10	34.50	19.97	21.60	30.14
West Phoenix CT1	55	15.46	14.12	2.04	25.16	25.86	30.74	52.21	54.67	39.11	25.76	14.83	18.06	26.59
West Phoenix CT2	55	18.74	15.44	1.67	18.93	26.61	32.06	52.44	54.54	39.20	32.81	16.27	13.04	26.91
Yucca CT1	19	33.23	26.59	1.30	22.31	26.47	34.37	57.33	60.83	42.64	35.38	31.70	31.83	33.73
Yucca CT2	19	32.12	28.07	1.82	23.80	25.65	33.59	56.35	60.08	42.66	34.82	33.05	32.30	33.74
Yucca CT3	55	32.16	28.28	6.80	39.08	39.69	44.20	66.21	67.44	50.84	43.62	31.83	33.62	40.40
Yucca CT4	54	2.90	2.48	0.13	1.97	2.26	3.12	5.43	5.65	4.08	2.20	2.10	3.49	2.99
Douglas CT	16	3.55	3.21	0.08	2.13	2.65	3.97	7.20	7.41	5.14	3.88	2.50	4.68	3.88
TOTAL CT'S	493	21.26	16.51	3.08	21.69	25.91	31.17	49.55	51.79	38.04	30.96	20.18	21.06	27.69
TOTAL APS GAS/OIL	1,274	30.29	25.82	8.80	34.27	39.32	41.74	58.03	59.49	47.16	38.03	32.97	36.24	37.76
Childs/Irving	4	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS GENERATION	4,076	71.27	68.48	60.84	60.09	72.03	77.84	83.58	84.15	79.45	67.55	65.32	71.35	71.87
SRP T&C Firm Purch	350	45.93	49.55	35.77	70.16	66.70	69.26	86.65	88.71	72.40	62.94	50.83	52.59	62.27
Pac Exchange	480	(40.00)	(21.43)	-	-	21.94	40.00	40.00	40.00	20.00	(21.94)	(40.00)	(40.00)	-
Hedged Forward Purch	125	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS PURCH CONTF	955	(2.92)	7.70	13.28	26.04	35.70	45.83	52.36	53.14	37.10	12.78	(0.72)	(0.06)	23.39

APS MONTHLY CAPACITY FACTORS BY UNIT
PHYSICAL CAPABILITY OF UNITS
2003-2012
(%)

	2003 MW RATING	Jan-2006	Feb-2006	Mar-2006	Apr-2006	May-2006	Jun-2006	Jul-2006	Aug-2006	Sep-2006	Oct-2006	Nov-2006	Dec-2006	Tot-2006
Palo Verde 1	362	97.46	98.62	96.74	98.16	97.14	97.72	96.69	97.77	98.10	97.84	97.26	97.68	97.59
Palo Verde 2	362	97.52	97.75	97.66	96.52	98.59	97.44	97.73	97.56	94.67	-	81.03	97.32	87.68
Palo Verde 3	363	97.83	97.42	97.24	-	75.29	98.18	96.57	97.25	97.52	97.28	97.26	97.50	87.52
TOTAL NUCLEAR	1,086	97.60	97.94	97.21	66.31	90.67	97.77	97.01	97.53	96.74	64.34	91.73	97.50	91.00
Four Corners 1	170	92.95	92.36	87.99	92.25	92.54	93.35	93.25	93.16	93.32	91.54	65.39	92.12	90.04
Four Corners 2	170	90.07	90.94	87.21	91.70	90.30	91.68	92.34	90.93	91.63	91.17	87.27	91.03	90.52
Four Corners 3	220	16.64	-	70.41	88.11	87.86	88.62	89.65	90.15	89.68	88.46	82.82	86.33	73.68
Four Corners 4	111	91.04	91.32	91.96	89.99	91.56	91.27	90.23	91.63	91.08	91.06	91.97	91.03	91.18
Four Corners 5	111	88.88	91.57	89.36	89.46	90.90	90.97	89.89	91.26	89.68	78.81	74.17	91.56	88.03
TOTAL PLANT	782	70.01	65.81	83.63	90.25	90.37	91.02	91.13	91.34	91.09	88.72	80.07	90.02	85.42
Cholla 1	110	90.39	89.31	82.89	92.41	90.44	92.61	93.39	93.46	92.38	91.84	84.94	88.51	90.22
Cholla 2	245	89.07	88.34	80.88	91.12	88.89	92.02	94.64	93.92	92.95	90.32	83.43	86.84	89.37
Cholla 3	260	86.54	86.78	58.80	46.61	87.03	91.83	95.37	92.87	91.80	88.64	80.10	84.55	82.60
TOTAL PLANT	615	88.24	87.85	71.91	72.53	88.38	92.04	94.73	93.39	92.36	89.88	82.29	86.17	86.66
Navajo 1	105	95.56	94.84	94.78	94.42	95.11	94.81	94.85	95.65	95.33	93.65	95.66	94.61	94.94
Navajo 2	105	93.88	93.81	93.75	93.20	93.40	95.47	93.97	94.01	94.27	93.76	92.21	94.95	93.89
Navajo 3	105	95.09	95.68	9.04	85.80	94.46	94.84	94.97	95.09	95.09	95.34	95.08	94.22	86.93
TOTAL PLANT	315	94.84	94.78	65.86	91.14	94.32	95.04	94.60	94.92	94.90	94.25	94.32	94.59	91.92
TOTAL COAL	1,712	81.13	79.06	76.15	84.05	90.38	92.13	93.06	92.74	92.25	90.15	83.49	89.48	87.06
West Phoenix CC1	85	3.54	-	7.92	71.62	68.00	73.99	87.12	87.00	77.08	74.15	58.70	68.08	56.75
West Phoenix CC2	85	76.79	74.48	42.42	53.74	68.52	73.27	87.56	86.60	77.00	73.81	59.59	67.91	70.15
West Phoenix CC3	85	87.42	87.48	63.26	63.31	77.71	80.41	86.23	87.22	81.80	83.69	71.92	78.83	79.09
TOTAL CC'S	255	55.92	53.99	37.87	62.89	71.41	75.89	86.97	86.94	78.63	77.22	63.40	71.60	68.66
Ocotillo ST1	110	58.31	52.74	24.58	54.12	56.27	66.48	86.15	87.44	72.03	63.78	39.91	47.49	59.17
Ocotillo ST2	110	58.17	51.68	19.60	53.82	54.49	65.94	87.99	90.05	71.89	56.16	13.77	48.44	56.09
Saguaro ST1	110	26.58	21.44	2.37	20.02	23.88	29.85	44.33	45.52	35.83	31.05	14.51	19.42	26.29
Saguaro ST2	100	25.80	21.77	3.28	18.79	23.86	29.71	45.77	46.76	35.18	31.84	6.92	16.63	25.59
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	34.82	30.46	10.36	30.33	32.69	39.58	54.39	55.53	44.28	37.63	15.57	27.29	34.47
Ocotillo CT1	55	33.03	23.91	6.53	18.92	34.24	43.01	61.65	63.90	48.85	43.25	20.25	25.12	35.34
Ocotillo CT2	55	33.83	26.15	5.06	23.94	31.28	41.51	61.07	64.21	47.20	43.78	19.36	24.67	35.27
Saguaro CT1	55	29.32	20.28	3.54	20.57	29.39	38.08	58.05	61.15	44.83	40.40	15.24	21.89	32.01
Saguaro CT2	55	18.71	1.49	2.84	17.76	29.13	38.62	57.48	59.62	44.09	38.79	15.87	21.23	29.02
West Phoenix CT1	55	25.22	18.24	1.99	13.06	25.67	35.45	54.08	58.12	41.26	35.60	10.45	13.15	27.80
West Phoenix CT2	55	25.09	17.49	1.87	12.74	26.93	36.90	55.02	57.85	42.10	35.80	10.92	18.63	28.57
Yucca CT1	19	42.74	30.94	1.59	10.97	26.63	38.74	59.61	64.74	45.94	37.27	22.18	27.97	34.19
Yucca CT2	19	44.40	31.42	1.64	11.61	24.88	38.26	58.85	64.50	45.58	37.10	24.19	29.85	34.43
Yucca CT3	55	42.48	33.82	8.81	32.45	38.36	47.89	69.92	71.80	53.02	47.33	24.68	31.22	41.91
Yucca CT4	54	4.52	3.53	0.12	0.96	2.27	3.64	5.88	6.31	4.29	3.09	1.48	2.89	3.25
Douglas CT	16	6.11	4.56	0.11	1.02	2.62	4.53	7.70	8.08	5.68	3.99	1.77	3.62	4.15
TOTAL CT'S	493	27.22	18.71	3.56	16.56	26.30	34.91	52.01	54.65	40.03	35.12	15.03	20.06	28.79
TOTAL APS GAS/OIL	1,274	36.10	30.62	13.23	31.52	37.97	45.04	60.00	61.48	49.51	44.58	24.94	33.36	39.11
Childs/Irving	4	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS GENERATION	4,076	72.61	70.12	63.26	63.67	75.15	80.07	84.93	85.40	81.23	69.76	68.47	75.23	74.20
SRP T&C Firm Purch	350	54.20	54.88	35.66	64.53	64.41	72.72	88.91	90.83	74.23	65.36	44.44	47.68	62.73
Pac Exchange	480	(40.00)	(21.43)	-	-	21.94	40.00	40.00	40.00	20.00	(21.94)	(40.00)	(40.00)	-
Hedged Forward Purch	125	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS PURCH CONTF	955	0.55	10.00	13.39	24.24	35.06	47.34	53.51	54.24	38.09	14.11	(2.73)	(1.50)	23.88

APS MONTHLY CAPACITY FACTORS BY UNIT
PHYSICAL CAPABILITY OF UNITS
2003-2012
(%)

	2003 MW RATING	Jan-2007	Feb-2007	Mar-2007	Apr-2007	May-2007	Jun-2007	Jul-2007	Aug-2007	Sep-2007	Oct-2007	Nov-2007	Dec-2007	Tot-2007
Palo Verde 1	362	97.51	97.33	94.16	-	78.88	97.74	96.54	97.73	97.28	97.82	97.72	97.34	87.58
Palo Verde 2	362	97.54	98.20	96.76	98.08	98.10	97.13	97.95	97.41	97.18	97.56	98.85	97.15	97.65
Palo Verde 3	363	97.41	98.03	96.50	97.39	97.59	97.23	98.28	96.23	90.73	-	-	53.44	77.11
TOTAL NUCLEAR	1,086	97.49	97.85	95.79	64.45	91.39	97.37	97.58	97.14	95.16	66.55	66.95	82.62	87.67
Four Corners 1	170	91.97	92.76	91.74	92.43	91.18	91.58	92.48	92.74	92.26	92.15	92.06	90.45	91.97
Four Corners 2	170	92.94	29.86	44.40	92.54	92.72	92.02	92.68	93.81	93.52	92.13	93.02	91.72	83.78
Four Corners 3	220	89.30	91.11	88.65	91.34	90.86	90.79	90.20	90.03	91.36	91.69	91.60	66.16	88.54
Four Corners 4	111	91.36	90.64	91.51	82.44	46.53	91.15	91.48	90.64	90.76	91.71	90.88	91.31	86.65
Four Corners 5	111	90.53	89.79	91.21	89.28	89.97	89.81	92.26	90.66	89.04	91.13	89.66	89.88	90.28
TOTAL PLANT	782	91.14	77.90	80.47	90.28	84.92	91.14	91.71	91.62	91.61	91.81	91.63	83.93	88.23
Cholla 1	110	88.60	90.42	46.77	9.33	92.87	93.54	94.17	94.31	93.95	92.05	91.39	90.10	81.49
Cholla 2	245	86.48	87.35	83.82	92.34	90.22	91.65	93.90	93.75	91.33	89.67	88.41	87.28	89.69
Cholla 3	260	85.29	87.48	81.80	92.15	90.82	91.84	95.13	95.81	92.90	88.89	88.28	87.13	89.80
TOTAL PLANT	615	86.36	87.96	76.34	77.41	90.95	92.07	94.47	94.72	92.46	89.77	88.89	87.72	88.27
Navajo 1	105	95.37	95.48	95.22	94.99	93.90	95.87	94.29	95.11	95.80	94.61	94.20	95.17	94.99
Navajo 2	105	94.13	94.37	6.05	86.94	94.35	92.80	93.42	94.89	94.57	94.38	93.76	94.04	86.01
Navajo 3	105	94.56	95.38	94.92	96.05	95.05	94.95	94.31	95.00	95.21	95.05	95.55	95.12	95.09
TOTAL PLANT	315	94.69	95.08	65.39	92.66	94.43	94.54	94.01	95.00	95.19	94.68	94.50	94.78	92.03
TOTAL COAL	1,712	90.07	84.67	76.21	86.10	88.83	92.10	93.12	93.36	92.58	91.60	91.17	87.29	88.94
West Phoenix CC1	85	56.14	74.61	55.84	77.35	77.43	77.08	87.28	87.22	81.36	77.26	75.06	82.20	75.72
West Phoenix CC2	85	32.27	-	-	63.25	78.34	76.74	87.02	88.01	80.89	76.03	76.75	81.32	62.09
West Phoenix CC3	85	84.51	87.19	73.14	36.99	54.29	83.65	86.94	87.47	83.50	85.15	84.78	89.58	78.09
TOTAL CC'S	255	57.64	53.93	43.00	59.20	70.02	79.15	87.08	87.57	81.92	79.48	78.86	84.37	71.97
Ocotillo ST1	110	55.93	55.78	10.61	62.05	65.76	71.79	88.67	89.86	75.91	65.65	57.10	61.93	63.45
Ocotillo ST2	110	56.94	54.74	38.36	62.16	65.68	72.94	89.66	92.28	77.16	66.87	56.56	62.91	66.44
Saguaro ST1	110	24.73	21.94	3.05	24.96	29.75	34.13	45.89	47.50	38.34	33.18	25.37	29.90	29.95
Saguaro ST2	100	24.36	19.82	9.73	24.03	30.30	34.09	47.12	49.02	38.84	33.57	12.85	18.32	28.59
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	33.41	31.47	12.73	35.76	39.47	43.88	55.85	57.34	47.41	41.03	31.52	35.84	38.86
Ocotillo CT1	55	31.66	27.54	15.25	26.52	43.70	47.56	65.92	68.58	50.31	46.21	30.45	39.00	41.19
Ocotillo CT2	55	30.50	28.98	13.86	32.84	36.30	47.90	63.95	67.13	51.27	44.30	30.97	37.69	40.57
Saguaro CT1	55	26.26	21.98	10.14	26.45	38.80	44.83	62.11	64.86	48.24	42.71	26.37	33.75	37.34
Saguaro CT2	55	22.69	22.48	10.07	26.46	37.04	44.99	61.28	64.15	47.82	41.14	25.18	33.80	36.54
West Phoenix CT1	55	22.76	18.33	8.01	21.47	33.07	41.29	58.20	60.89	45.86	38.25	20.54	29.18	33.29
West Phoenix CT2	55	20.72	15.94	6.98	20.43	33.29	42.49	59.50	62.60	45.84	39.15	21.25	29.93	33.33
Yucca CT1	19	30.55	33.70	6.42	19.72	34.36	44.69	64.36	70.10	50.64	42.39	38.84	46.59	40.27
Yucca CT2	19	38.86	24.26	7.02	20.05	34.51	44.09	63.75	68.84	50.86	40.10	40.68	49.67	40.37
Yucca CT3	55	37.56	37.25	18.39	40.38	46.96	53.01	73.19	75.26	58.49	48.82	37.85	45.28	47.79
Yucca CT4	54	3.98	3.37	0.60	1.63	3.03	4.31	6.66	6.65	4.88	3.44	3.52	5.55	3.98
Douglas CT	16	5.22	4.34	0.52	0.31	2.21	5.38	8.24	8.66	6.34	4.55	4.56	7.23	4.81
TOTAL CT'S	493	24.72	21.99	9.83	23.43	33.09	40.00	55.49	58.07	43.46	37.24	25.09	32.29	33.83
TOTAL APS GAS/OIL	1,274	34.89	32.30	17.66	35.68	43.11	49.44	61.98	63.68	52.79	47.26	38.51	44.18	43.54
Childs/Irving	4	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS GENERATION	4,076	75.96	72.98	64.28	65.31	76.30	81.32	85.73	86.24	81.95	71.83	69.02	74.07	75.45
SRP T&C Firm Purch	350	50.82	55.90	51.49	68.10	71.36	77.12	91.68	92.54	78.51	67.31	58.90	63.61	68.51
Pac Exchange	480	(40.00)	(21.43)	-	-	21.94	40.00	40.00	40.00	20.00	(21.94)	(40.00)	(40.00)	-
Hedged Forward Purch	125	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS PURCH CONTF	955	(0.30)	10.76	19.60	25.93	37.95	49.24	54.86	55.19	40.03	15.28	3.23	5.05	26.43

APS MONTHLY CAPACITY FACTORS BY UNIT
PHYSICAL CAPABILITY OF UNITS
2003-2012
(%)

	2003 MW RATING	Jan-2008	Feb-2008	Mar-2008	Apr-2008	May-2008	Jun-2008	Jul-2008	Aug-2008	Sep-2008	Oct-2008	Nov-2008	Dec-2008	Tot-2008
Palo Verde 1	362	98.12	96.48	97.92	97.25	97.50	97.99	97.99	96.98	97.45	97.30	91.16	97.60	96.99
Palo Verde 2	362	97.24	97.59	97.67	97.60	90.76	97.71	97.21	97.58	97.62	98.29	96.85	98.57	97.05
Palo Verde 3	363	97.40	97.62	97.22	97.83	97.09	96.85	97.98	97.14	97.35	97.66	97.74	97.41	97.44
TOTAL NUCLEAR	1,086	97.58	97.23	97.61	97.56	95.12	97.52	97.73	97.23	97.47	97.75	95.25	97.86	97.16
Four Corners 1	170	93.09	93.32	92.06	92.78	93.47	92.52	92.65	93.47	92.95	93.36	91.62	93.25	92.88
Four Corners 2	170	92.21	92.34	92.41	92.88	92.11	93.00	92.16	92.33	93.83	92.22	91.62	93.00	92.51
Four Corners 3	220	90.21	88.18	85.56	87.95	90.34	90.54	89.79	89.49	88.83	88.84	88.40	90.09	89.02
Four Corners 4	111	91.17	91.74	89.87	91.29	91.70	90.23	91.35	91.57	89.92	91.08	90.30	91.60	90.99
Four Corners 5	111	91.13	92.39	90.81	91.65	90.28	91.81	89.94	92.43	93.11	89.61	91.75	91.39	91.34
TOTAL PLANT	782	91.54	91.31	89.82	91.07	91.59	91.64	91.17	91.68	91.57	90.99	90.55	91.81	91.23
Cholla 1	110	90.29	86.71	82.57	84.01	91.71	93.97	95.04	94.03	93.80	85.99	84.66	91.22	89.52
Cholla 2	245	88.83	84.25	79.17	81.73	90.28	92.65	93.87	94.45	92.07	83.42	81.77	89.92	87.73
Cholla 3	260	85.37	82.90	76.10	76.58	88.96	92.77	93.33	94.09	93.01	80.89	79.18	88.39	85.99
TOTAL PLANT	615	87.63	84.12	78.48	79.96	89.98	92.94	93.85	94.22	92.78	82.81	81.19	89.50	87.31
Navajo 1	105	94.91	94.77	95.33	95.21	95.08	94.18	95.45	94.23	95.28	95.33	95.37	94.13	94.94
Navajo 2	105	92.75	94.16	94.17	94.92	93.43	94.28	92.88	93.41	94.51	94.71	94.03	94.23	93.95
Navajo 3	105	94.69	94.81	95.12	94.76	95.91	95.11	94.89	94.46	95.13	94.91	95.19	95.39	95.03
TOTAL PLANT	315	94.11	94.58	94.87	94.96	94.80	94.52	94.41	94.04	94.97	94.98	94.86	94.58	94.64
TOTAL COAL	1,712	90.61	89.33	86.67	87.80	91.60	92.64	92.73	93.03	92.63	88.78	87.98	91.49	90.45
West Phoenix CC1	85	76.47	65.53	42.42	50.45	75.72	80.49	86.32	86.83	81.32	67.02	65.74	79.80	71.56
West Phoenix CC2	85	77.46	64.28	42.16	49.55	75.70	80.75	87.54	86.52	81.43	66.98	64.40	80.64	71.52
West Phoenix CC3	85	86.88	77.36	59.70	64.13	84.24	84.74	88.09	86.60	84.21	75.08	75.76	87.73	79.58
TOTAL CC'S	255	80.27	69.06	48.10	54.71	78.56	82.00	87.32	86.65	82.32	69.70	68.63	82.72	74.22
Ocotillo ST1	110	58.04	43.62	21.86	31.27	63.81	75.74	90.19	91.89	78.43	56.25	45.16	58.71	59.69
Ocotillo ST2	110	59.61	41.89	15.92	27.37	63.74	76.36	91.22	92.58	78.57	56.56	45.56	59.01	59.15
Saguaro ST1	110	25.73	15.29	2.81	8.56	30.50	37.23	47.59	49.00	39.18	25.48	15.94	27.17	27.12
Saguaro ST2	100	25.72	14.89	1.58	7.23	30.07	37.12	48.74	50.85	39.62	24.50	13.52	26.44	26.78
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	34.88	23.91	8.79	15.43	38.77	46.65	57.16	58.49	48.56	33.58	24.88	35.33	35.62
Ocotillo CT1	55	31.60	20.56	4.41	10.51	43.11	51.55	70.47	70.93	54.77	35.14	21.16	33.97	37.47
Ocotillo CT2	55	30.86	20.30	3.56	8.99	42.54	52.19	68.73	68.49	54.47	34.27	21.53	33.72	36.75
Saguaro CT1	55	27.48	16.46	2.80	7.01	38.39	49.85	65.00	68.85	50.50	31.61	18.09	29.27	33.90
Saguaro CT2	55	26.24	16.32	2.08	6.58	37.09	49.37	64.95	67.82	50.51	30.73	16.50	28.58	33.18
West Phoenix CT1	55	22.42	13.13	1.34	5.06	34.39	45.98	62.18	65.15	48.39	26.25	11.60	25.23	30.21
West Phoenix CT2	55	23.56	14.37	1.42	5.30	35.02	45.89	62.56	66.39	48.88	27.48	12.60	25.96	30.90
Yucca CT1	19	40.26	24.22	1.20	4.98	35.61	49.67	67.56	72.76	53.31	26.87	24.59	41.91	37.02
Yucca CT2	19	39.81	24.88	1.13	4.73	35.79	50.15	66.71	71.27	53.14	27.58	26.29	43.40	37.18
Yucca CT3	55	37.78	25.92	6.44	13.85	48.06	57.98	73.65	77.90	61.38	40.27	26.61	40.75	42.67
Yucca CT4	54	4.31	2.27	0.09	0.44	3.09	4.71	6.91	8.17	5.13	2.40	1.51	4.66	3.66
Douglas CT	16	5.55	2.91	0.07	0.50	3.91	6.17	8.66	9.37	6.75	2.86	1.85	6.10	4.57
TOTAL CT'S	493	26.04	16.41	2.56	6.83	34.30	43.92	58.37	60.92	46.04	27.64	16.48	28.26	30.75
TOTAL APS GAS/OIL	1,274	40.54	30.05	14.25	19.96	45.00	52.67	63.68	65.12	54.34	38.51	30.38	42.08	41.47
Childs/Irving	4	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS GENERATION	4,076	78.60	74.68	68.73	70.98	79.70	83.22	86.76	87.20	83.73	77.24	73.65	79.53	78.70
SRP T&C Firm Purch	350	52.29	44.00	33.75	46.50	70.28	79.09	93.66	94.28	81.27	58.79	45.77	57.59	62.79
Pac Exchange	480	(40.00)	(20.69)	-	-	21.94	40.00	40.00	40.00	20.00	(21.94)	(40.00)	(40.00)	-
Hedged Forward Purch	125	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS PURCH CONTF	955	0.68	6.89	13.02	17.94	37.80	50.24	55.93	56.17	41.42	12.37	(1.45)	3.17	24.53

APS MONTHLY CAPACITY FACTORS BY UNIT
PHYSICAL CAPABILITY OF UNITS
2003-2012
(%)

	2003 MW RATING	Jan-2009	Feb-2009	Mar-2009	Apr-2009	May-2009	Jun-2009	Jul-2009	Aug-2009	Sep-2009	Oct-2009	Nov-2009	Dec-2009	Tot-2009
Palo Verde 1	362	97.93	97.08	97.98	97.10	97.36	97.97	97.09	97.75	97.48	97.65	97.90	96.54	97.49
Palo Verde 2	362	97.62	97.21	97.54	97.93	96.91	98.15	98.07	97.67	97.26	97.53	91.12	97.33	97.04
Palo Verde 3	363	97.08	97.30	97.35	97.52	91.04	96.78	97.51	97.59	97.17	97.61	97.58	97.24	96.81
TOTAL NUCLEAR	1,086	97.54	97.20	97.62	97.51	95.10	97.63	97.56	97.67	97.31	97.60	95.54	97.04	97.11
Four Corners 1	170	92.42	93.01	93.73	92.52	93.04	93.70	91.71	93.23	93.98	92.75	93.32	92.89	93.02
Four Corners 2	170	91.80	90.51	92.09	91.60	93.11	89.32	92.09	91.86	90.95	92.63	91.25	91.39	91.57
Four Corners 3	220	90.42	90.55	89.11	88.43	91.54	92.13	91.43	90.10	90.87	89.82	89.92	91.20	90.46
Four Corners 4	111	91.25	90.75	90.41	91.53	91.13	90.39	91.43	90.67	91.43	91.23	90.50	91.43	91.01
Four Corners 5	111	89.89	91.82	92.25	91.60	90.61	91.60	90.54	90.10	92.77	92.45	89.08	92.59	91.27
TOTAL PLANT	782	91.20	91.28	91.39	90.90	92.02	91.54	91.51	91.24	91.91	91.64	90.91	91.84	91.45
Cholla 1	110	92.15	90.78	84.56	85.91	92.78	92.75	93.50	93.64	92.63	88.07	86.77	91.51	90.43
Cholla 2	245	90.43	91.24	83.49	84.06	92.61	93.67	94.02	95.31	93.43	87.07	84.90	92.19	90.21
Cholla 3	260	89.75	88.05	80.97	82.27	90.06	94.01	94.41	94.42	93.90	84.48	83.45	90.20	88.84
TOTAL PLANT	615	90.45	89.81	82.62	83.63	91.56	93.65	94.09	94.63	93.49	86.15	84.62	91.23	89.67
Navajo 1	105	94.88	95.07	95.10	95.04	95.19	95.28	93.73	95.70	94.47	95.26	95.27	95.39	95.03
Navajo 2	105	94.50	92.55	93.42	94.64	94.21	94.01	93.70	94.36	93.52	93.22	94.27	94.13	93.89
Navajo 3	105	95.06	95.04	94.77	94.68	95.24	95.26	95.65	95.09	93.86	94.99	95.30	94.98	95.00
TOTAL PLANT	315	94.81	94.22	94.43	94.79	94.88	94.85	94.36	95.05	93.95	94.49	94.95	94.83	94.64
TOTAL COAL	1,712	91.59	91.29	88.80	89.01	92.38	92.91	92.96	93.16	92.85	90.19	89.40	92.17	91.40
West Phoenix CC1	85	81.84	78.50	51.14	57.69	80.60	82.14	85.84	83.86	83.12	71.26	69.89	84.97	75.91
West Phoenix CC2	85	82.35	79.18	50.45	57.17	79.67	82.74	86.54	85.07	82.45	70.59	69.82	84.99	75.92
West Phoenix CC3	85	91.56	88.96	65.53	72.75	84.96	84.93	86.01	86.21	85.69	78.29	79.10	90.60	82.86
TOTAL CC'S	255	85.25	82.21	55.71	62.54	81.74	83.27	86.13	85.05	83.75	73.38	72.94	86.85	78.23
Ocotillo ST1	110	63.05	57.54	29.72	39.82	70.31	80.22	91.11	92.32	82.40	60.65	52.08	65.29	65.46
Ocotillo ST2	110	63.66	56.93	25.45	37.82	70.80	80.58	92.32	92.38	84.04	61.04	52.67	66.63	65.45
Saguaro ST1	110	31.24	22.66	5.83	13.41	34.80	38.73	50.34	51.78	41.81	28.81	20.62	32.56	31.14
Saguaro ST2	100	30.93	22.09	3.33	11.42	34.77	39.28	51.64	52.96	42.91	29.23	18.64	34.07	31.04
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	38.91	32.88	13.39	21.21	43.40	49.20	58.71	59.52	51.71	37.03	29.76	40.88	39.79
Ocotillo CT1	55	37.27	33.50	7.23	16.23	47.42	57.70	70.56	76.42	57.95	42.02	26.44	38.11	42.68
Ocotillo CT2	55	36.60	30.40	6.23	14.12	47.57	57.25	72.08	72.10	56.71	39.42	26.23	38.39	41.55
Saguaro CT1	55	32.17	25.76	4.53	11.80	44.84	54.44	69.11	71.09	55.34	37.11	21.85	34.07	38.64
Saguaro CT2	55	31.30	25.03	3.52	10.49	42.27	52.51	68.53	71.17	54.46	35.77	21.16	32.15	37.49
West Phoenix CT1	55	27.51	19.53	2.09	8.21	38.57	50.72	66.15	69.18	51.66	32.38	16.06	28.80	34.39
West Phoenix CT2	55	28.22	21.21	2.56	8.52	40.08	50.34	65.60	69.51	53.22	34.12	17.37	30.14	35.22
Yucca CT1	19	48.15	35.76	2.16	8.11	41.60	55.00	72.63	74.22	57.65	34.44	32.86	49.96	42.82
Yucca CT2	19	48.64	37.58	1.95	8.05	40.87	54.50	71.40	72.99	57.79	33.68	34.62	49.42	42.71
Yucca CT3	55	45.32	40.10	9.99	19.89	53.83	63.01	78.45	80.00	63.80	45.13	34.24	47.73	48.56
Yucca CT4	54	5.43	3.64	0.14	0.67	3.70	5.09	8.12	9.20	5.71	3.23	2.31	5.89	4.44
Douglas CT	16	6.83	4.73	0.09	0.77	4.74	6.66	9.47	9.87	7.36	3.72	2.94	8.03	5.45
TOTAL CT'S	493	31.14	25.19	4.21	10.68	38.83	48.05	61.47	63.84	49.17	32.77	21.17	32.56	35.03
TOTAL APS GAS/OIL	1,274	45.18	39.78	18.31	25.41	49.31	55.57	65.33	66.37	57.14	42.66	35.08	46.86	45.65
Childs/Irving	4	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS GENERATION	4,076	80.45	78.54	70.90	73.17	81.37	84.28	87.32	87.77	84.65	79.09	75.80	81.07	80.39
SRP T&C Firm Purch	350	59.03	58.76	40.30	51.88	73.87	83.42	94.85	94.84	84.50	62.29	51.55	64.92	67.96
Pac Exchange	480	(40.00)	(21.43)	-	-	21.94	40.00	40.00	40.00	20.00	(21.94)	(40.00)	(40.00)	-
Hedged Forward Purch	125	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS PURCH CONTF	955	3.73	12.60	15.75	20.27	39.47	52.18	56.71	56.70	43.02	14.12	1.21	6.50	26.89

APS MONTHLY CAPACITY FACTORS BY UNIT
PHYSICAL CAPABILITY OF UNITS
2003-2012
(%)

	2003 MW RATING	Jan-2010	Feb-2010	Mar-2010	Apr-2010	May-2010	Jun-2010	Jul-2010	Aug-2010	Sep-2010	Oct-2010	Nov-2010	Dec-2010	Tot-2010
Palo Verde 1	362	98.08	97.62	97.75	96.90	90.98	97.04	97.22	98.48	97.49	97.33	97.36	98.10	97.02
Palo Verde 2	362	97.25	97.87	97.48	98.07	97.42	97.45	98.03	97.07	97.75	97.08	98.22	97.83	97.62
Palo Verde 3	363	96.91	97.89	96.97	97.45	97.31	97.76	97.37	96.86	97.66	97.84	90.03	98.03	96.84
TOTAL NUCLEAR	1,086	97.41	97.79	97.40	97.47	95.24	97.42	97.54	97.47	97.63	97.42	95.20	97.99	97.16
Four Corners 1	170	92.26	90.61	91.75	93.23	91.84	92.59	92.58	90.97	91.68	92.45	92.48	92.67	92.10
Four Corners 2	170	92.78	92.57	92.21	92.20	94.09	93.13	92.10	92.86	92.90	92.25	92.80	92.48	92.70
Four Corners 3	220	91.51	90.46	90.31	90.39	90.65	91.27	91.72	91.06	90.56	91.04	89.48	91.33	90.82
Four Corners 4	111	90.49	90.16	92.26	90.35	90.51	91.55	91.01	90.75	90.35	91.48	91.14	90.58	90.89
Four Corners 5	111	91.05	89.72	92.11	91.83	90.89	90.28	91.93	89.67	90.59	91.46	92.96	89.49	91.00
TOTAL PLANT	782	91.74	90.80	91.57	91.60	91.67	91.86	91.92	91.19	91.29	91.73	91.58	91.50	91.54
Cholla 1	110	93.18	94.04	87.72	90.37	93.03	94.59	94.37	94.26	95.17	89.65	89.17	94.25	92.47
Cholla 2	245	91.90	90.68	85.54	86.61	92.03	93.06	93.80	92.97	93.45	88.29	86.68	91.63	90.56
Cholla 3	260	92.46	90.49	82.86	85.86	94.72	93.08	94.81	95.52	94.20	86.91	87.16	93.23	90.95
TOTAL PLANT	615	92.37	91.20	84.79	86.96	93.35	93.34	94.33	94.28	94.08	87.95	87.33	92.77	91.07
Navajo 1	105	94.23	94.41	95.44	94.80	95.08	95.51	95.17	93.47	95.38	94.88	95.11	95.47	94.91
Navajo 2	105	94.17	94.26	92.96	93.38	94.68	94.31	94.49	93.79	94.08	92.71	93.73	94.70	93.94
Navajo 3	105	95.34	95.76	94.15	94.61	94.95	95.30	95.50	95.18	95.03	94.86	94.45	95.19	95.02
TOTAL PLANT	315	94.58	94.81	94.18	94.26	94.90	95.04	95.05	94.15	94.83	94.15	94.43	95.12	94.62
TOTAL COAL	1,712	92.49	91.68	89.62	90.42	92.87	92.98	93.36	92.85	92.94	90.82	90.58	92.62	91.94
West Phoenix CC1	85	85.98	84.04	58.49	63.25	83.58	83.86	85.83	83.04	85.21	74.86	76.79	88.16	79.41
West Phoenix CC2	85	88.24	82.67	58.54	63.32	83.34	84.00	85.47	84.27	84.98	75.41	75.88	89.32	79.62
West Phoenix CC3	85	92.42	91.94	74.78	77.37	88.53	84.64	85.61	84.39	87.18	82.63	83.67	93.48	85.53
TOTAL CC'S	255	88.88	86.22	63.94	67.98	85.15	84.17	85.64	83.90	85.79	77.63	78.78	90.32	81.52
Ocotillo ST1	110	68.60	64.20	39.59	47.44	74.39	83.35	92.07	92.82	85.34	65.40	57.21	70.31	70.13
Ocotillo ST2	110	69.45	63.92	35.92	45.67	75.44	84.87	93.19	92.79	85.99	65.92	57.78	73.82	70.47
Saguaro ST1	110	36.48	29.98	8.61	17.75	36.90	43.18	54.51	60.23	44.47	31.61	24.33	37.42	35.53
Saguaro ST2	100	38.00	32.33	5.85	15.82	37.53	44.54	57.09	62.81	44.40	32.40	22.97	40.15	36.23
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	43.72	39.21	18.70	26.19	46.19	52.68	60.99	63.35	53.57	40.23	33.50	45.60	43.72
Ocotillo CT1	55	41.52	33.68	14.76	21.77	52.84	59.67	70.71	72.64	61.85	43.48	34.99	41.47	45.89
Ocotillo CT2	55	40.89	33.99	12.34	19.51	52.42	59.99	68.86	64.29	60.54	43.72	32.04	42.39	44.35
Saguaro CT1	55	35.99	27.80	9.65	16.68	48.88	57.31	70.16	69.94	57.53	40.71	27.90	36.52	41.72
Saguaro CT2	55	35.37	27.99	8.35	14.26	47.21	56.67	67.74	68.26	58.82	38.91	27.51	35.16	40.64
West Phoenix CT1	55	30.89	23.53	5.53	11.83	43.28	53.27	68.54	69.18	54.30	36.67	22.17	31.23	37.67
West Phoenix CT2	55	31.67	23.91	5.91	12.42	44.36	54.59	68.20	66.48	55.05	38.01	24.75	32.45	38.28
Yucca CT1	19	54.25	42.12	5.25	11.94	45.88	60.00	71.06	67.85	59.45	38.51	43.52	55.03	46.30
Yucca CT2	19	54.67	44.00	5.00	11.35	44.90	59.68	67.89	64.50	60.17	37.63	45.08	54.53	45.82
Yucca CT3	55	50.34	43.18	18.12	25.78	58.62	67.99	80.76	81.58	66.76	48.10	40.86	53.39	53.07
Yucca CT4	54	6.37	4.55	0.39	0.98	4.12	5.87	11.92	14.63	6.06	4.28	3.42	6.75	5.81
Douglas CT	16	8.56	5.99	0.31	1.16	5.23	7.35	10.20	10.56	7.61	4.41	4.44	9.05	6.25
TOTAL CT'S	493	34.92	27.89	8.78	14.68	42.90	51.18	62.21	61.98	51.80	35.86	27.39	35.67	38.04
TOTAL APS GAS/OIL	1,274	49.36	44.24	23.92	30.10	52.71	58.42	66.67	67.27	59.34	46.02	40.20	50.71	49.14
Childs/Irving	4	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS GENERATION	4,076	82.09	80.26	72.93	75.23	82.68	85.13	87.91	87.86	85.47	80.35	77.80	82.74	81.72
SRP T&C Firm Purch	350	64.83	64.33	48.03	57.55	76.84	86.42	95.64	95.21	87.22	66.48	57.04	70.55	72.07
Pac Exchange	480	(40.00)	(21.43)	-	-	21.94	40.00	40.00	40.00	20.00	(21.94)	(40.00)	(40.00)	-
Hedged Forward Purch	125	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS PURCH CONTF	955	6.46	15.17	19.00	22.77	40.91	53.63	57.32	57.15	44.44	16.18	3.81	9.22	28.86

APS MONTHLY CAPACITY FACTORS BY UNIT
PHYSICAL CAPABILITY OF UNITS
2003-2012
(%)

	2003 MW RATING	Jan-2011	Feb-2011	Mar-2011	Apr-2011	May-2011	Jun-2011	Jul-2011	Aug-2011	Sep-2011	Oct-2011	Nov-2011	Dec-2011	Tot-2011
Palo Verde 1	362	97.03	97.43	97.63	98.07	96.80	97.77	97.40	98.32	97.10	97.55	90.92	97.32	96.95
Palo Verde 2	362	96.99	98.21	97.64	97.35	90.56	98.52	96.86	98.06	97.34	97.89	97.28	97.69	97.02
Palo Verde 3	363	97.35	96.82	97.67	97.34	97.29	97.50	97.84	97.68	97.19	97.01	96.98	97.66	97.37
TOTAL NUCLEAR	1,086	97.12	97.49	97.65	97.59	94.89	97.93	97.37	98.02	97.21	97.49	95.06	97.56	97.11
Four Corners 1	170	92.76	93.61	92.11	92.99	93.38	92.85	93.77	93.29	93.13	92.35	93.17	93.53	93.07
Four Corners 2	170	93.28	92.61	93.12	91.95	92.34	93.54	92.97	92.81	92.93	92.31	92.25	93.34	92.79
Four Corners 3	220	90.18	89.93	89.34	90.03	89.94	89.86	89.86	90.29	90.52	89.11	90.55	89.46	89.92
Four Corners 4	111	91.09	91.11	90.63	91.21	91.40	90.51	91.54	90.80	90.39	90.64	91.37	91.10	90.98
Four Corners 5	111	91.58	90.80	90.22	91.12	92.44	91.87	89.71	91.11	91.05	90.41	91.60	91.65	91.13
TOTAL PLANT	782	91.74	91.60	91.07	91.42	91.77	91.69	91.60	91.68	91.67	90.91	91.75	91.73	91.55
Cholla 1	110	93.14	94.33	90.58	91.55	94.67	93.99	94.39	94.72	94.20	92.25	91.45	94.07	93.28
Cholla 2	245	92.39	92.82	87.68	89.82	93.39	94.22	93.13	94.01	93.90	89.78	89.72	93.57	92.03
Cholla 3	260	91.68	91.45	84.87	87.76	93.35	94.80	93.37	93.79	94.31	87.50	87.64	93.84	91.20
TOTAL PLANT	615	92.22	92.51	87.01	89.26	93.60	94.42	93.46	94.04	94.13	89.26	89.15	93.78	91.90
Navajo 1	105	95.33	94.86	94.21	95.86	94.15	94.73	95.77	95.53	93.96	94.89	94.68	95.00	94.92
Navajo 2	105	94.80	94.26	93.19	93.31	93.21	94.95	93.97	94.36	94.14	94.24	92.36	94.32	93.93
Navajo 3	105	94.78	95.54	95.80	94.80	93.99	95.10	95.47	95.41	95.02	95.19	94.59	95.17	95.07
TOTAL PLANT	315	94.97	94.89	94.40	94.66	93.78	94.93	95.07	95.10	94.37	94.77	93.88	94.83	94.64
TOTAL COAL	1,712	92.51	92.53	90.22	91.24	92.80	93.27	92.91	93.16	93.05	91.03	91.21	93.04	92.24
West Phoenix CC1	85	92.21	86.97	64.43	69.54	86.24	83.78	86.25	85.74	84.31	80.01	78.55	92.62	82.56
West Phoenix CC2	85	89.47	88.46	65.16	69.40	85.94	84.57	85.33	85.69	85.88	78.95	79.51	92.93	82.59
West Phoenix CC3	85	94.33	92.68	79.58	81.20	89.60	84.81	84.43	86.22	85.72	86.34	88.01	95.22	87.33
TOTAL CC'S	255	92.00	89.37	69.72	73.38	87.26	84.39	85.34	85.88	85.30	81.77	82.02	93.59	84.16
Ocotillo ST1	110	72.70	69.52	45.68	54.28	78.59	85.48	93.25	92.62	87.55	68.12	62.83	74.72	73.83
Ocotillo ST2	110	73.96	69.65	44.58	55.36	79.24	86.98	94.10	93.22	88.76	69.60	62.68	76.81	74.63
Saguaro ST1	110	40.67	34.40	13.54	21.96	40.13	44.99	58.96	63.49	45.56	34.05	29.35	42.25	39.19
Saguaro ST2	100	43.25	36.05	10.00	19.40	41.36	45.67	61.15	66.18	45.67	35.88	30.09	43.58	39.94
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	47.40	43.15	23.61	31.21	49.26	54.16	63.14	64.72	55.08	42.74	38.11	48.81	46.84
Ocotillo CT1	55	45.56	41.20	19.63	26.87	57.10	64.04	72.57	73.07	63.85	47.59	37.28	47.39	49.77
Ocotillo CT2	55	43.96	40.46	18.33	24.52	57.16	62.03	69.35	64.06	64.07	47.46	35.82	46.77	47.91
Saguaro CT1	55	41.25	32.92	15.56	21.17	54.16	59.72	69.64	70.29	61.14	45.01	30.84	41.51	45.39
Saguaro CT2	55	38.21	32.72	13.12	19.28	53.67	59.05	66.89	67.15	59.94	44.66	30.08	41.26	43.95
West Phoenix CT1	55	35.12	27.35	9.42	15.50	49.73	56.82	68.41	69.99	58.08	40.09	25.56	35.82	41.12
West Phoenix CT2	55	35.71	28.44	10.08	16.61	50.59	58.36	68.76	68.15	57.34	40.96	27.19	38.23	41.83
Yucca CT1	19	60.03	54.13	8.60	15.11	52.28	62.37	66.25	65.65	64.35	43.55	47.71	61.80	50.15
Yucca CT2	19	59.74	55.68	8.47	14.44	51.62	62.57	64.52	56.48	64.68	44.22	48.67	61.83	49.38
Yucca CT3	55	56.51	51.37	24.31	31.40	61.03	70.28	84.69	83.61	70.06	50.90	44.82	58.18	57.35
Yucca CT4	54	7.61	5.35	0.65	1.26	4.62	6.28	13.42	15.98	6.07	6.07	4.73	7.82	6.69
Douglas CT	16	10.00	7.23	0.61	1.45	5.95	7.95	10.64	11.01	8.08	4.96	6.02	10.20	7.02
TOTAL CT'S	493	38.83	33.44	13.07	18.66	47.48	53.77	62.67	62.18	54.37	39.54	30.26	40.44	41.31
TOTAL APS GAS/OIL	1,274	53.01	48.65	28.76	34.79	56.18	60.08	67.61	68.36	60.86	49.31	43.86	54.54	52.22
Childs/Irving	4	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS GENERATION	4,076	83.16	81.91	74.77	77.07	83.63	85.92	87.96	88.49	85.87	81.49	79.17	83.98	82.80
SRP T&C Firm Purch	350	69.12	67.67	52.87	62.17	80.01	88.40	96.25	95.95	89.43	68.68	62.56	74.97	75.14
Pac Exchange	480	(40.00)	(21.43)	-	-	21.94	40.00	40.00	40.00	20.00	(21.94)	(40.00)	(40.00)	-
Hedged Forward Purch	125	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS PURCH CONTF	955	8.65	16.90	21.17	24.89	42.47	54.72	57.91	57.79	45.71	17.52	6.52	11.55	30.48

APS MONTHLY CAPACITY FACTORS BY UNIT
PHYSICAL CAPABILITY OF UNITS
2003-2012
(%)

	2003 MW RATING	Jan-2012	Feb-2012	Mar-2012	Apr-2012	May-2012	Jun-2012	Jul-2012	Aug-2012	Sep-2012	Oct-2012	Nov-2012	Dec-2012	Tot-2012
Palo Verde 1	362	96.78	97.91	97.66	97.31	97.55	98.34	96.49	98.10	97.11	97.36	98.48	97.23	97.52
Palo Verde 2	362	97.68	97.32	97.63	97.76	97.94	97.38	97.99	97.78	97.30	97.86	91.16	96.98	97.07
Palo Verde 3	363	97.66	97.90	96.94	97.32	91.58	97.07	97.36	97.33	98.35	96.71	97.12	97.05	96.85
TOTAL NUCLEAR	1,086	97.37	97.71	97.41	97.46	95.69	97.59	97.28	97.73	97.59	97.31	95.59	97.09	97.15
Four Corners 1	170	93.30	92.79	94.13	91.35	92.95	93.32	93.65	93.76	92.85	93.17	92.02	93.49	93.07
Four Corners 2	170	91.54	91.89	90.60	93.19	90.31	91.59	93.08	91.43	91.05	92.30	92.41	90.00	91.61
Four Corners 3	220	90.50	91.04	90.88	91.78	91.21	90.66	90.50	90.54	91.19	92.30	90.18	91.01	90.98
Four Corners 4	111	90.35	91.39	91.03	91.38	91.75	89.86	91.39	91.52	90.74	90.32	90.01	91.72	90.96
Four Corners 5	111	90.64	91.02	90.51	91.44	90.34	91.82	92.17	90.27	90.81	91.24	90.71	91.13	91.01
TOTAL PLANT	782	91.33	91.65	91.49	91.89	91.35	91.49	92.11	91.54	91.40	92.06	91.12	91.45	91.57
Cholla 1	110	93.03	92.54	91.03	92.21	93.79	93.95	93.19	93.76	92.69	91.14	92.46	93.30	92.76
Cholla 2	245	93.48	92.61	90.92	91.44	93.87	95.06	94.25	94.09	94.56	91.02	91.04	94.58	93.08
Cholla 3	260	93.88	91.05	88.22	90.05	93.91	94.82	94.85	94.54	94.03	89.86	89.92	93.47	92.39
TOTAL PLANT	615	93.57	91.94	89.80	90.99	93.87	94.76	94.31	94.22	94.00	90.55	90.82	93.88	92.73
Navajo 1	105	95.27	95.28	95.49	93.92	95.39	94.39	94.88	95.43	94.92	94.69	94.86	95.30	94.99
Navajo 2	105	94.41	93.44	94.71	93.46	93.75	93.16	94.64	94.22	93.71	94.34	94.80	92.57	93.94
Navajo 3	105	94.59	94.86	95.76	95.04	94.88	94.41	94.96	94.98	95.34	95.43	94.99	95.22	95.04
TOTAL PLANT	315	94.76	94.53	95.32	94.14	94.68	93.99	94.82	94.88	94.66	94.82	94.88	94.36	94.66
TOTAL COAL	1,712	92.77	92.28	91.59	91.98	92.87	93.13	93.40	93.11	92.94	92.02	91.70	92.86	92.56
West Phoenix CC1	85	94.61	86.62	70.18	73.05	88.05	85.21	85.66	84.83	85.54	81.38	81.62	93.81	84.23
West Phoenix CC2	85	93.46	85.55	71.48	73.98	88.02	85.14	85.03	84.88	85.24	81.28	82.37	94.68	84.28
West Phoenix CC3	85	95.73	91.45	82.04	83.72	90.76	85.45	84.81	85.09	86.06	85.90	91.11	96.57	88.22
TOTAL CC'S	255	94.60	87.87	74.56	76.91	88.94	85.27	85.17	84.94	85.61	82.85	85.03	95.02	85.58
Ocotillo ST1	110	76.93	67.08	52.43	59.78	81.29	87.52	93.56	93.71	87.38	71.11	64.35	78.46	76.20
Ocotillo ST2	110	78.83	68.52	52.96	59.25	82.30	89.18	93.60	94.84	88.55	72.00	66.20	80.36	77.28
Saguaro ST1	110	44.08	33.63	16.83	24.03	42.44	46.70	66.19	62.13	47.14	36.30	35.02	44.37	41.65
Saguaro ST2	100	46.72	35.71	13.45	23.52	43.52	47.07	69.11	65.71	48.27	37.38	35.92	46.99	42.86
West Phoenix ST4	33	-	-	-	-	-	-	-	-	-	-	-	-	-
West Phoenix ST6	63	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL STEAM	526	50.67	42.18	28.12	34.39	51.36	55.67	66.12	64.92	55.83	44.63	41.45	51.42	48.96
Ocotillo CT1	55	48.89	39.74	25.11	33.84	60.88	65.33	71.57	72.37	65.24	51.38	38.55	52.82	52.23
Ocotillo CT2	55	49.58	37.77	22.44	32.69	59.77	63.24	54.20	65.93	65.87	51.60	37.88	50.86	49.38
Saguaro CT1	55	44.57	33.42	19.52	28.18	56.22	61.52	66.56	71.42	64.05	48.50	33.51	46.82	47.95
Saguaro CT2	55	43.20	31.17	17.14	26.01	56.72	61.42	65.42	70.54	61.80	48.28	32.36	45.59	46.73
West Phoenix CT1	55	37.62	27.52	12.65	20.83	53.75	58.79	67.61	70.27	59.46	45.22	29.03	41.28	43.77
West Phoenix CT2	55	39.30	28.35	13.84	21.70	54.00	59.80	64.88	68.93	60.53	43.91	29.11	43.77	44.11
Yucca CT1	19	64.05	52.15	11.64	19.82	55.32	65.24	60.77	71.10	67.99	48.49	49.17	67.25	52.78
Yucca CT2	19	64.83	52.61	11.25	20.05	55.75	64.40	58.04	61.73	66.36	48.84	50.65	66.81	51.79
Yucca CT3	55	61.88	49.69	31.67	38.78	64.37	70.74	84.71	85.32	73.38	54.56	47.33	61.96	60.46
Yucca CT4	54	8.23	5.24	0.83	1.73	5.04	6.97	20.33	14.26	6.90	8.48	6.11	9.15	7.81
Douglas CT	16	11.18	6.98	0.81	1.96	6.49	8.40	11.49	11.04	8.58	5.68	7.46	11.85	7.67
TOTAL CT'S	493	42.49	32.47	16.88	24.33	50.30	55.21	60.16	63.35	56.45	43.18	32.40	44.83	43.58
TOTAL APS GAS/OIL	1,274	56.30	47.57	33.07	39.01	58.47	61.44	68.31	68.66	62.06	51.72	46.67	57.60	54.30
Childs/Irving	4	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS GENERATION	4,076	84.37	81.53	76.62	78.66	84.61	86.19	88.36	88.48	86.30	82.61	80.40	84.73	83.59
SRP T&C Firm Purch	350	73.20	65.63	56.65	65.85	82.98	90.13	96.58	96.21	91.01	72.21	66.12	78.95	77.41
Pac Exchange	480	(40.00)	(20.69)	-	-	21.94	40.00	40.00	40.00	20.00	(21.94)	(40.00)	(40.00)	-
Hedged Forward Purch	125	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL APS PURCH CONTF	955	10.84	16.87	22.98	26.71	44.01	55.73	58.38	58.23	46.74	19.42	8.47	13.75	31.81

Attachment Panda DR 1 Q 1.6 (b) vi

Historical and Projected Capacity Factors For Long Term Purchase Power Contracts

SRP Territorial and Contingent Purchase

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1991	8.9%	10.0%	36.4%	51.9%	37.8%	24.0%	39.7%	52.1%	44.4%	34.5%	25.8%	19.8%
1992	34.4%	24.9%	28.4%	41.2%	39.9%	23.8%	35.5%	40.7%	34.1%	17.0%	19.0%	21.4%
1993	20.0%	27.0%	35.5%	20.8%	20.0%	29.2%	43.7%	52.3%	32.2%	34.1%	31.1%	32.2%
1994	22.0%	26.0%	29.6%	25.0%	35.8%	37.8%	44.8%	55.2%	39.5%	20.6%	22.2%	33.0%
1995	35.3%	19.7%	25.2%	27.3%	13.8%	14.0%	40.5%	54.2%	29.7%	12.0%	8.5%	11.1%
1996	10.7%	11.1%	12.4%	13.3%	16.6%	24.9%	42.1%	46.7%	20.9%	31.4%	9.6%	14.1%
1997	10.7%	10.0%	17.8%	12.9%	36.8%	20.1%	35.7%	35.7%	47.4%	25.0%	6.8%	24.5%
1998	17.1%	29.3%	18.4%	20.8%	8.8%	23.2%	61.0%	61.3%	47.8%	50.0%	35.2%	42.1%
1999	31.4%	27.7%	31.4%	49.5%	35.3%	43.3%	51.2%	51.7%	32.1%	47.1%	34.6%	32.6%
2000	36.7%	36.4%	24.7%	34.1%	53.4%	59.3%	69.1%	62.6%	46.6%	35.0%	66.1%	70.0%
2001	56.7%	71.4%	82.1%	81.8%	66.8%	49.2%	52.0%	73.1%	64.0%	55.0%	26.2%	34.1%
2003	31.4%	37.9%	26.3%	59.5%	53.0%	59.2%	74.8%	77.0%	63.8%	56.5%	44.5%	38.9%
2004	39.7%	39.3%	21.6%	55.0%	58.5%	64.6%	82.3%	84.6%	69.3%	55.7%	33.4%	39.3%
2005	45.9%	49.6%	35.8%	70.2%	66.7%	69.3%	86.7%	88.7%	72.4%	62.9%	50.8%	52.6%
2006	54.2%	54.9%	35.7%	64.5%	64.4%	72.7%	88.9%	90.8%	74.2%	65.4%	44.4%	47.7%
2007	50.8%	55.9%	51.5%	68.1%	71.4%	77.1%	91.7%	92.5%	78.5%	67.3%	58.9%	63.6%
2008	52.3%	44.0%	33.8%	46.5%	70.3%	79.1%	93.7%	94.3%	81.3%	58.8%	45.8%	57.6%
2009	59.0%	58.8%	40.3%	51.9%	73.9%	83.4%	94.9%	94.8%	84.5%	62.3%	51.5%	64.9%
2010	64.8%	64.3%	48.0%	57.6%	76.8%	86.4%	95.6%	95.2%	87.2%	66.5%	57.0%	70.6%
2011	69.1%	67.7%	52.9%	62.2%	80.0%	88.4%	96.2%	95.9%	89.4%	68.7%	62.6%	75.0%
2012	73.2%	65.6%	56.6%	65.8%	83.0%	90.1%	96.6%	96.2%	91.0%	72.2%	66.1%	78.9%

Pacificorp Diversity Exchange

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1998	0.0%	0.0%	0.0%	0.0%	8.2%	17.3%	22.9%	20.7%	11.6%	0.0%	0.0%	0.0%
1999	0.0%	0.0%	0.0%	0.0%	22.0%	40.3%	40.0%	40.0%	20.0%	0.0%	0.0%	0.0%
2000	0.0%	0.0%	0.0%	0.0%	21.9%	40.0%	40.0%	10.3%	0.0%	0.0%	0.0%	0.0%
2001	0.0%	0.0%	0.0%	0.0%	21.9%	40.0%	40.0%	40.0%	20.0%	0.0%	0.0%	0.0%
2003	0.0%	0.0%	0.0%	0.0%	43.9%	40.0%	40.0%	40.0%	40.0%	0.0%	0.0%	0.0%
2004	0.0%	0.0%	0.0%	0.0%	43.9%	40.0%	40.0%	40.0%	40.0%	0.0%	0.0%	0.0%
2005	0.0%	0.0%	0.0%	0.0%	43.9%	40.0%	40.0%	40.0%	40.0%	0.0%	0.0%	0.0%
2006	0.0%	0.0%	0.0%	0.0%	43.9%	40.0%	40.0%	40.0%	40.0%	0.0%	0.0%	0.0%
2007	0.0%	0.0%	0.0%	0.0%	43.9%	40.0%	40.0%	40.0%	40.0%	0.0%	0.0%	0.0%
2008	0.0%	0.0%	0.0%	0.0%	43.9%	40.0%	40.0%	40.0%	40.0%	0.0%	0.0%	0.0%
2009	0.0%	0.0%	0.0%	0.0%	43.9%	40.0%	40.0%	40.0%	40.0%	0.0%	0.0%	0.0%
2010	0.0%	0.0%	0.0%	0.0%	43.9%	40.0%	40.0%	40.0%	40.0%	0.0%	0.0%	0.0%
2011	0.0%	0.0%	0.0%	0.0%	43.9%	40.0%	40.0%	40.0%	40.0%	0.0%	0.0%	0.0%
2012	0.0%	0.0%	0.0%	0.0%	43.9%	40.0%	40.0%	40.0%	40.0%	0.0%	0.0%	0.0%

APS MONTHLY GENERATION BY RESOURCE TYPE
WITH CURRENT FORWARD MARKET PRICES AND ECONOMIC PURCHASES

2003 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	793,224	714,121	764,821	507,829	754,466	761,867	789,820	787,767	728,789	525,841	506,729	698,230	8,333,503
Coal	1,080,669	847,834	866,556	900,247	1,053,607	1,080,041	1,141,331	1,141,047	1,102,318	1,079,986	1,043,192	1,050,109	12,386,935
APS Steam	18,088	8,323	3,001	17,870	32,971	48,748	88,474	99,779	49,712	32,145	14,498	18,516	432,124
APS CC	83,256	65,892	49,023	54,511	84,552	81,286	110,343	110,504	86,463	56,437	62,074	79,449	923,789
APT CT Gas	1,713	715	938	1,982	7,334	12,075	54,169	71,997	15,503	3,622	2,572	3,497	176,117
APS CT Oil	2	0	0	2	23	15	350	614	32	7	4	1	1,048
Solar/Hydro	8,236	7,462	8,356	8,427	8,765	8,523	8,654	8,625	7,517	3,287	6,423	8,141	92,416
SRP T&C	13,774	14,092	9,262	15,299	62,155	80,070	132,749	137,790	74,011	41,514	19,351	28,959	629,024
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market [1]	171,788	237,587	138,949	375,500	244,434	315,291	492,346	540,436	459,835	382,064	264,029	298,211	3,920,470
_year	2,027,902	1,826,905	1,840,905	1,881,666	2,326,641	2,526,156	2,961,084	3,041,406	2,593,299	2,046,567	1,780,630	2,042,264	26,895,427

[1] Note: Market purchases in 2003 include 215 GWH of forward purchases transacted prior to September 1, 2002 (primarily executed in March 2000).

2004 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	807,173	755,028	807,691	541,987	734,198	780,286	805,017	806,362	777,862	552,435	722,531	810,226	8,900,796
Coal	1,054,374	880,272	946,404	989,404	1,069,890	1,098,425	1,144,674	1,152,232	1,103,785	1,134,687	1,042,942	1,110,591	12,727,682
APS Steam	26,202	9,036	2,866	20,473	42,288	55,793	102,587	109,626	65,623	32,028	18,008	33,471	518,002
APS CC	83,045	58,013	50,775	63,556	84,644	90,051	115,327	119,289	92,918	82,157	75,748	100,433	1,015,954
APT CT Gas	2,111	1,035	717	2,592	6,711	22,535	70,118	82,433	26,103	10,323	2,603	4,417	231,697
APS CT Oil	2	0	0	3	17	54	562	753	88	28	2	6	1,516
Solar/Hydro	9,953	9,471	10,402	10,321	10,790	10,517	10,765	10,702	8,854	3,538	8,203	9,890	113,405
SRP T&C	24,083	23,761	13,318	29,433	66,927	105,131	146,581	153,002	94,455	52,523	21,800	36,238	767,253
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market	262,662	254,925	100,612	313,875	349,769	357,477	581,534	635,188	480,742	372,562	128,870	195,031	4,033,246
_year	2,126,756	1,922,423	1,932,784	1,971,646	2,443,569	2,658,508	3,120,014	3,212,437	2,719,549	2,161,944	1,882,466	2,157,456	28,309,551

2005 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	802,570	727,741	808,809	517,303	733,368	779,182	806,043	808,019	779,238	545,870	526,069	678,613	8,512,826
Coal	1,030,993	842,180	913,544	890,338	957,935	1,039,609	1,054,683	1,078,682	865,546	946,383	828,751	1,025,294	11,473,939
APS Steam	34,302	22,989	8,607	17,284	47,107	63,138	87,517	77,860	61,640	50,934	36,353	44,599	552,329
APS CC	62,983	46,452	38,366	73,829	71,467	91,200	94,905	95,804	70,995	64,207	87,316	96,924	894,449
APT CT Gas	3,499	6,287	1,676	3,516	37,366	22,540	65,896	54,492	47,659	31,619	29,101	30,049	333,702
APS CT Oil	3	13	1	4	322	101	580	395	435	205	198	338	2,596
Solar/Hydro	9,182	8,657	9,887	9,971	10,494	10,175	10,235	10,107	9,801	1,272	5,510	9,281	104,572
SRP T&C	27,807	31,118	14,035	45,881	69,585	83,509	132,256	117,128	96,207	83,940	75,598	64,002	841,067
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market	397,052	381,612	212,696	487,368	534,239	537,691	837,468	944,543	798,246	602,907	521,411	439,840	6,695,074
_year	2,225,544	1,997,929	2,007,621	2,045,496	2,540,220	2,765,385	3,232,431	3,329,879	2,798,887	2,249,002	1,972,067	2,246,092	29,410,552

APS MONTHLY GENERATION BY RESOURCE TYPE
WITH CURRENT FORWARD MARKET PRICES AND ECONOMIC PURCHASES

2006

resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	826,549	749,176	823,297	543,421	767,871	801,313	821,542	826,009	792,889	544,873	751,830	825,723	9,074,493
Coal	941,276	832,822	841,148	904,723	967,586	1,049,357	1,129,043	1,087,276	1,062,243	1,000,021	965,976	1,087,160	11,868,633
APS Steam	35,527	27,461	29,202	28,670	45,023	61,387	82,217	72,984	57,206	48,200	23,688	41,546	553,110
APS CC	63,180	54,554	51,445	66,871	67,842	90,380	102,067	103,673	77,987	84,608	83,815	97,095	943,518
APT CT Gas	6,401	2,917	11,844	14,769	33,335	20,927	50,504	46,228	33,071	22,209	13,373	13,715	269,290
APS CT Oil	1	1	10	37	309	75	336	268	225	113	23	138	1,540
Solar/Hydro	11,244	10,421	11,852	11,945	12,849	12,387	12,534	12,417	11,424	1,632	7,001	11,017	126,724
SRP T&C	39,714	27,095	40,712	71,141	54,717	83,485	122,954	88,650	90,277	96,208	69,667	52,445	837,065
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market	534,490	443,640	262,619	477,401	610,831	621,701	914,800	1,102,651	721,846	618,884	273,626	365,285	6,947,775
_year	2,315,534	2,078,966	2,072,128	2,118,979	2,638,700	2,879,252	3,378,844	3,483,005	2,916,289	2,338,412	2,050,761	2,351,277	30,622,147

2007

resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	825,617	748,482	811,256	528,231	773,992	798,001	826,375	822,673	779,892	563,572	548,733	715,644	8,742,470
Coal	1,067,483	872,114	873,416	979,521	981,409	1,030,097	1,092,369	1,123,696	1,016,815	1,033,695	1,014,354	1,015,737	12,100,706
APS Steam	36,068	30,329	17,111	17,297	47,216	59,717	83,854	92,972	59,552	37,982	31,095	38,820	552,013
APS CC	67,538	50,674	45,704	56,113	53,351	87,414	100,343	109,831	74,655	72,199	86,873	94,592	899,287
APT CT Gas	5,094	2,587	2,932	3,595	34,739	20,924	53,791	66,002	33,080	14,735	7,824	12,326	257,629
APS CT Oil	6	1	2	3	198	85	349	486	238	68	5	61	1,502
Solar/Hydro	12,971	12,001	13,817	13,937	14,751	14,247	14,488	14,506	12,772	2,069	8,585	12,763	146,906
SRP T&C	37,481	18,960	35,638	44,172	73,615	83,333	137,785	152,891	99,250	59,263	50,058	69,752	862,196
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market	508,212	501,343	377,773	577,320	692,338	771,629	1,054,557	1,087,424	885,806	720,939	513,884	628,412	8,319,636
_year	2,417,621	2,167,371	2,177,650	2,220,189	2,749,946	3,003,688	3,506,758	3,613,329	3,031,180	2,426,185	2,123,172	2,445,258	31,882,346

2008

resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	850,585	793,742	845,574	819,841	828,957	815,331	845,799	845,504	815,029	847,352	798,028	846,983	9,952,725
Coal	1,167,682	1,049,715	1,097,063	1,077,108	1,111,638	1,118,784	1,182,967	1,188,108	1,127,942	1,146,221	1,096,504	1,153,141	13,516,871
APS Steam	25,457	21,104	14,784	21,508	48,328	68,462	112,177	131,951	60,441	38,468	30,695	33,682	607,059
APS CC	92,089	79,567	64,800	74,735	102,411	111,165	140,569	148,612	118,956	88,932	84,720	108,109	1,214,665
APT CT Gas	6,402	3,337	2,728	3,441	15,926	24,645	53,404	69,366	22,667	12,139	6,885	10,404	231,344
APS CT Oil	2	1	3	2	85	159	444	479	196	34	14	29	1,449
Solar/Hydro	14,176	13,464	14,943	15,561	16,295	16,049	15,918	15,818	13,217	2,639	10,080	13,916	162,075
SRP T&C	31,023	25,190	33,911	46,658	64,321	89,405	130,637	148,294	81,281	60,902	34,256	57,126	803,004
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market	477,913	344,154	190,903	255,559	592,801	745,572	1,031,633	1,077,028	868,092	430,168	295,963	474,922	6,784,709
_year	2,522,480	2,261,155	2,264,708	2,314,412	2,859,097	3,127,811	3,656,396	3,768,007	3,176,942	2,548,520	2,218,905	2,555,466	33,273,901

APS MONTHLY GENERATION BY RESOURCE TYPE
WITH CURRENT FORWARD MARKET PRICES AND ECONOMIC PURCHASES

2009 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	841,814	763,664	846,882	815,557	824,499	820,537	844,211	842,998	818,658	846,533	799,126	842,678	9,907,156
Coal	1,138,485	1,037,542	1,114,612	1,091,591	1,117,917	1,128,943	1,178,598	1,188,021	1,133,869	1,151,469	1,116,179	1,169,441	13,566,668
APS Steam	31,483	19,199	12,198	28,143	51,052	77,950	122,157	133,069	71,189	43,391	32,460	38,749	661,040
APS CC	96,636	77,036	68,068	78,822	102,118	116,779	141,578	151,190	118,677	92,022	93,759	113,036	1,249,722
APT CT Gas	9,209	2,209	1,703	5,119	16,392	21,463	50,668	66,714	21,009	24,227	5,007	8,149	231,868
APS CT Oil	101	2	3	10	74	101	426	477	152	134	5	27	1,513
Solar/Hydro	14,914	14,217	16,416	16,784	17,811	17,538	17,567	17,349	14,607	3,224	11,033	14,726	176,187
SRP T&C	40,874	25,020	32,289	57,083	71,579	97,122	136,184	148,299	75,620	60,321	44,791	57,329	846,511
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market	585,342	477,658	267,381	307,148	694,312	838,156	1,167,153	1,226,577	977,428	503,998	360,981	557,606	7,963,739
_year	2,616,009	2,347,427	2,359,551	2,400,260	2,974,089	3,256,830	3,801,390	3,917,542	3,300,329	2,646,984	2,325,100	2,658,893	34,604,405

2010 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	845,297	760,928	845,835	816,061	827,194	814,440	847,796	842,796	818,316	843,976	799,511	846,053	9,908,202
Coal	1,138,504	1,035,069	1,135,028	1,116,023	1,115,682	1,124,302	1,181,442	1,181,155	1,139,287	1,166,935	1,123,516	1,170,482	13,627,424
APS Steam	29,955	23,776	14,240	25,416	52,803	77,006	119,806	134,735	73,495	45,089	35,418	44,432	676,173
APS CC	93,966	84,243	72,143	85,323	109,574	113,688	142,328	149,471	121,575	100,092	98,353	114,871	1,285,626
APT CT Gas	8,342	2,663	1,743	3,772	12,913	28,213	54,215	69,257	25,386	23,348	7,931	7,909	245,692
APS CT Oil	117	3	0	1	34	171	470	533	192	143	7	10	1,679
Solar/Hydro	15,238	14,677	17,227	17,864	19,077	18,519	18,365	18,103	15,537	3,901	11,495	15,288	185,290
SRP T&C	42,946	27,872	27,862	48,780	79,931	96,088	137,868	151,514	88,052	68,249	53,375	66,171	888,707
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market	688,149	553,146	337,924	389,683	796,569	966,885	1,302,251	1,379,203	1,080,824	575,745	418,178	647,090	9,135,649
_year	2,719,665	2,433,256	2,452,002	2,502,923	3,092,113	3,377,552	3,947,389	4,069,615	3,431,782	2,749,143	2,409,544	2,769,458	35,954,442

2011 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	845,214	763,789	843,889	815,662	827,394	820,649	843,541	841,334	820,731	839,331	800,726	843,841	9,906,102
Coal	1,158,940	1,021,357	1,129,959	1,119,647	1,133,290	1,130,456	1,180,304	1,177,930	1,138,697	1,140,933	1,124,756	1,177,824	13,634,091
APS Steam	33,439	22,953	17,181	27,267	48,020	78,114	123,591	137,301	78,685	54,625	24,103	44,878	690,157
APS CC	97,898	83,665	78,465	92,838	107,949	119,488	141,964	148,572	126,446	101,357	97,746	117,116	1,313,505
APT CT Gas	7,898	5,002	2,603	3,225	17,678	23,200	50,911	74,318	23,582	33,318	5,280	7,566	254,580
APS CT Oil	25	34	4	6	91	163	436	551	231	211	1	21	1,774
Solar/Hydro	15,428	14,641	17,047	17,612	19,121	18,616	18,567	18,213	15,377	3,901	11,423	15,101	185,047
SRP T&C	47,121	32,689	30,837	51,543	70,680	99,275	140,781	163,636	80,960	78,527	53,422	63,735	913,205
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market	740,941	633,688	407,476	449,468	881,892	1,055,041	1,428,011	1,490,902	1,182,903	661,983	505,303	729,625	10,167,232
_year	2,804,056	2,508,697	2,527,463	2,577,267	3,184,450	3,483,242	4,070,954	4,195,604	3,536,733	2,835,848	2,484,517	2,856,860	37,065,692

APS MONTHLY GENERATION BY RESOURCE TYPE
WITH CURRENT FORWARD MARKET PRICES AND ECONOMIC PURCHASES

2012 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	844,638	787,197	849,416	819,013	821,089	821,355	843,613	841,683	820,740	843,536	796,215	848,659	9,937,154
Coal	1,151,774	1,077,075	1,127,204	1,108,790	1,134,827	1,136,671	1,182,449	1,185,608	1,148,030	1,160,626	1,126,438	1,174,297	13,713,788
APS Steam	32,771	20,072	23,053	28,012	52,768	84,804	121,618	134,513	80,184	58,209	31,566	44,822	712,390
APS CC	99,182	83,238	84,123	94,982	110,937	120,079	143,171	148,621	126,368	116,064	105,263	109,723	1,341,750
APT CT Gas	6,532	4,315	2,396	4,424	18,979	28,019	51,981	76,725	20,631	27,485	6,503	11,073	259,063
APS CT Oil	25	7	3	9	120	215	505	608	168	155	2	46	1,865
Solar/Hydro	15,558	15,165	17,153	17,835	18,969	18,430	18,464	18,292	14,993	3,901	11,939	15,268	185,966
SRP T&C	42,771	29,718	40,119	62,763	75,143	101,196	141,129	158,672	79,688	82,449	54,052	65,242	932,942
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market	833,994	642,727	455,963	515,121	967,253	1,141,440	1,549,877	1,616,312	1,290,167	712,635	567,068	806,109	11,098,667
_year	2,884,397	2,590,394	2,599,429	2,650,949	3,278,419	3,590,451	4,195,655	4,323,881	3,650,088	2,926,724	2,560,806	2,932,392	38,183,585

APS MONTHLY GENERATION BY RESOURCE TYPE
WITH ELECTRIC PRICES 10% LOWER THAN CURRENT FORWARD MARKET PRICES

2003 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	793,224	714,121	764,821	507,829	754,466	761,867	789,820	787,768	728,789	525,840	506,729	698,230	8,333,504
Coal	1,070,713	836,459	855,354	882,816	1,033,368	1,025,757	1,126,199	1,125,286	1,085,691	1,029,799	993,755	1,011,851	12,077,049
APS Steam	7,037	2,248	551	1,649	13,582	31,449	64,972	82,194	31,234	15,328	2,910	10,012	263,167
APS CC	63,596	51,237	39,379	36,522	66,234	66,908	96,777	101,077	73,064	44,764	49,079	67,437	756,073
APT CT Gas	491	584	582	1,000	1,752	3,998	28,877	49,318	4,930	2,238	1,670	1,094	96,533
APS CT Oil	-	1	1	-	3	9	59	223	5	12	-	-	314
Solar/Hydro	8,236	7,462	8,356	8,427	8,765	8,523	8,654	8,625	7,517	3,287	6,423	8,141	92,416
SRP T&C	13,356	9,543	9,099	12,164	22,437	40,685	113,188	129,277	40,112	28,509	13,633	21,786	453,791
PACX	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Market [1]	199,396	239,719	127,062	410,108	335,998	446,471	584,292	612,090	515,637	468,527	336,120	357,861	4,633,282
_year	2,013,202	1,792,255	1,805,205	1,860,516	2,314,941	2,523,906	2,955,686	3,038,706	2,556,099	2,039,967	1,772,080	2,033,564	26,706,128

[1] Note: Market purchases in 2003 include 215 GWH of forward purchases transacted prior to September 1, 2002 (primarily executed in March 2000).

2004 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	807,173	755,028	807,691	541,987	734,198	780,286	805,017	806,362	777,862	552,435	722,531	810,226	8,900,798
Coal	1,041,504	849,156	924,705	972,698	1,002,587	1,049,984	1,132,131	1,143,323	1,086,379	1,115,321	1,030,413	1,102,329	12,450,530
APS Steam	11,212	4,086	419	3,598	18,145	43,287	85,893	105,442	44,487	17,826	10,617	20,797	365,810
APS CC	64,090	47,897	39,105	45,382	66,187	74,717	105,493	114,138	79,658	65,754	59,355	78,698	840,475
APT CT Gas	647	621	388	1,555	1,770	8,596	45,210	67,556	11,121	3,547	1,035	1,042	143,088
APS CT Oil	-	1	-	3	1	6	208	549	14	4	1	-	787
Solar/Hydro	9,953	9,471	10,402	10,321	10,790	10,517	10,765	10,702	8,854	3,538	8,203	9,890	113,405
SRP T&C	21,685	14,049	9,925	20,299	36,158	58,926	130,098	147,326	65,998	37,363	17,697	29,416	588,940
PACX	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Market	299,541	276,734	103,998	359,002	480,548	491,249	653,349	667,589	549,307	431,291	154,005	232,055	4,698,668
_year	2,112,956	1,887,923	1,896,634	1,954,846	2,428,719	2,655,808	3,111,014	3,205,836	2,692,799	2,148,744	1,865,616	2,141,606	28,102,501

2005 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	802,570	727,741	808,809	517,303	733,368	779,182	806,043	808,019	779,238	545,870	526,069	678,613	8,512,826
Coal	964,447	782,883	867,225	857,515	884,449	1,004,559	1,025,258	1,047,545	834,792	866,479	769,115	965,990	10,870,255
APS Steam	19,969	14,206	3,291	4,403	43,064	47,780	80,776	71,161	56,872	34,295	26,951	29,504	432,272
APS CC	55,432	39,550	28,172	55,242	63,556	78,245	89,098	87,764	66,437	57,771	80,592	82,385	784,244
PWE Units	-	-	-	-	-	-	-	-	-	-	-	-	-
APT CT Gas	1,535	2,168	838	1,634	28,639	10,870	50,522	47,366	39,073	20,853	17,164	21,136	241,798
APS CT Oil	1	1	2	2	246	18	368	353	298	160	115	287	1,850
Solar/Hydro	9,182	8,657	9,887	9,971	10,494	10,175	10,235	10,107	9,801	1,272	5,510	9,281	104,572
SRP T&C	21,982	17,758	9,798	23,631	64,050	58,026	124,322	103,857	90,797	57,775	59,147	54,767	685,910
PACX	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Market	479,324	455,636	261,298	562,197	630,868	635,890	902,061	1,007,859	851,109	734,312	614,695	537,378	7,672,624
Competitive	-	-	-	-	-	-	-	-	-	-	-	-	-
_year	2,211,594	1,979,479	1,989,321	2,031,896	2,537,070	2,762,985	3,231,531	3,326,879	2,797,537	2,240,452	1,961,117	2,236,492	29,306,352

APS MONTHLY GENERATION BY RESOURCE TYPE
WITH ELECTRIC PRICES 10% LOWER THAN CURRENT FORWARD MARKET PRICES

2006 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	826,549	749,176	823,297	543,421	767,871	801,313	821,542	826,010	792,890	544,873	751,831	825,723	9,074,495
Coal	883,331	788,805	768,606	842,696	908,343	1,016,971	1,103,916	1,054,681	1,026,568	941,550	909,106	1,043,815	11,288,386
APS Steam	24,997	11,198	18,877	14,913	38,889	44,946	68,672	58,010	46,855	34,902	17,401	24,872	404,532
APS CC	55,425	42,356	43,627	53,592	59,038	77,149	90,806	91,024	66,724	72,204	74,083	82,760	808,789
APT CT Gas	2,519	2,205	5,590	6,350	28,391	9,436	39,490	35,979	23,988	8,934	4,945	5,918	173,746
APS CT Oil	1	1	4	-	266	22	242	197	108	32	5	18	896
Solar/Hydro	11,244	10,421	11,852	11,945	12,849	12,387	12,534	12,417	11,424	1,632	7,001	11,017	126,724
SRP T&C	24,959	15,568	36,662	48,153	52,368	53,668	105,547	77,877	75,877	58,620	30,887	35,664	615,849
PACX	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Market	620,506	512,157	358,363	585,458	689,200	721,070	987,246	1,180,362	797,186	746,350	379,193	447,989	8,025,080
_year	2,306,684	2,062,766	2,066,878	2,106,529	2,635,550	2,875,202	3,372,844	3,479,405	2,910,739	2,330,762	2,036,211	2,334,927	30,518,498

2007 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	825,617	748,482	811,256	528,231	773,992	798,002	826,375	822,673	779,892	563,572	548,734	715,645	8,742,472
Coal	1,018,455	823,509	824,207	934,081	911,819	998,226	1,071,583	1,103,215	974,790	980,416	961,439	975,579	11,577,320
APS Steam	22,393	12,302	7,460	4,814	40,914	43,195	74,254	85,456	49,041	23,382	20,897	21,398	405,507
APS CC	58,473	41,007	35,919	40,954	45,686	75,518	92,293	102,701	65,896	59,197	69,052	77,503	764,199
APT CT Gas	2,357	1,202	1,415	1,204	29,795	9,666	38,891	54,251	21,451	9,060	2,913	5,507	177,712
APS CT Oil	2	2	-	-	173	46	233	395	97	55	2	2	1,007
Solar/Hydro	12,971	12,001	13,817	13,937	14,751	14,247	14,488	14,506	12,772	2,069	8,585	12,763	146,906
SRP T&C	23,394	18,572	15,392	21,763	68,316	53,998	117,969	135,134	78,797	43,606	27,621	37,512	642,075
PACX	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Market	578,057	567,714	450,483	653,006	780,762	869,550	1,125,124	1,150,049	975,274	817,913	607,019	721,049	9,295,999
_year	2,398,871	2,155,671	2,159,950	2,197,989	2,744,546	3,000,688	3,504,057	3,611,229	3,027,131	2,420,935	2,108,022	2,424,108	31,753,197

2008 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	845,317	787,903	845,509	817,847	823,945	817,493	846,562	842,285	817,107	846,727	798,504	847,683	9,936,882
Coal	1,121,062	1,004,632	1,054,107	1,043,387	1,072,714	1,091,263	1,163,791	1,182,486	1,113,350	1,128,710	1,065,296	1,106,679	13,147,478
APS Steam	14,403	11,790	5,384	5,570	32,082	42,564	98,776	117,776	38,564	23,571	15,740	20,397	426,617
APS CC	73,767	61,189	48,380	57,120	87,158	93,037	130,023	139,959	99,953	73,688	66,972	83,023	1,014,268
APT CT Gas	1,759	865	1,082	1,270	8,075	14,191	39,608	50,071	14,452	3,964	3,385	4,626	143,348
APS CT Oil	2	1	-	-	28	83	317	359	114	6	4	5	920
Solar/Hydro	13,868	13,362	15,083	15,573	16,253	16,023	16,024	15,678	13,278	2,639	10,078	13,917	161,778
SRP T&C	23,397	16,006	21,182	20,701	43,098	59,532	112,734	126,835	59,474	40,163	24,370	32,018	579,509
PACX	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Market	541,752	410,977	254,933	330,894	684,958	838,135	1,096,714	1,142,511	935,779	493,737	350,146	510,056	7,590,592
_year	2,492,480	2,237,605	2,245,658	2,292,362	2,846,647	3,110,561	3,647,396	3,760,807	3,161,192	2,534,870	2,196,255	2,475,555	33,001,391

APS MONTHLY GENERATION BY RESOURCE TYPE
WITH ELECTRIC PRICES 10% LOWER THAN CURRENT FORWARD MARKET PRICES

2009 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	844,954	760,509	845,627	817,460	823,802	818,461	845,077	846,062	815,707	845,415	800,884	840,574	9,904,530
Coal	1,104,019	990,108	1,073,950	1,059,162	1,074,795	1,106,321	1,176,443	1,183,713	1,115,032	1,132,562	1,086,494	1,141,340	13,243,939
APS Steam	14,247	7,823	4,639	11,563	29,301	50,968	105,743	116,663	41,427	30,717	15,601	21,668	450,359
APS CC	74,856	59,644	51,950	62,411	86,254	102,407	131,817	140,265	102,907	76,076	72,656	87,452	1,048,694
APT CT Gas	4,683	1,075	849	1,776	5,155	10,887	37,028	48,931	11,827	17,783	1,936	2,866	144,794
APS CT Oil	31	1	-	-	30	49	302	367	66	91	-	6	943
Solar/Hydro	14,923	14,256	16,430	16,686	17,752	17,648	17,480	17,402	14,657	3,224	11,065	14,618	176,141
SRP T&C	33,714	12,174	13,367	31,107	44,743	63,509	112,071	127,153	58,509	48,050	23,596	31,926	599,920
PACX	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Market	642,231	540,957	317,340	386,294	798,173	927,491	1,221,782	1,285,738	1,060,728	557,602	421,408	627,392	8,787,134
_year	2,590,809	2,317,427	2,324,151	2,386,460	2,958,339	3,235,980	3,790,590	3,909,142	3,289,980	2,633,184	2,295,400	2,624,993	34,356,455

2010 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	843,837	765,137	843,726	817,120	825,007	816,638	844,932	844,309	818,447	843,887	798,033	848,804	9,909,877
Coal	1,115,749	994,342	1,088,939	1,077,119	1,081,467	1,095,471	1,178,163	1,180,825	1,125,575	1,135,197	1,101,624	1,161,280	13,335,751
APS Steam	15,807	11,892	4,380	10,757	30,930	53,955	106,268	115,263	42,987	34,048	21,170	29,957	477,415
APS CC	74,814	66,172	50,790	62,936	93,197	96,883	132,308	140,174	105,810	81,969	78,730	91,872	1,075,652
APT CT Gas	4,281	1,196	1,012	1,469	5,602	15,537	38,911	49,099	13,814	18,675	2,920	2,767	155,285
APS CT Oil	75	1	-	1	10	76	335	447	95	96	5	5	1,144
Solar/Hydro	15,266	14,709	17,168	17,960	18,946	18,532	18,367	18,121	15,558	3,901	11,504	15,324	185,355
SRP T&C	30,789	15,700	14,187	27,835	50,459	69,367	116,813	132,855	67,749	50,801	30,279	32,078	638,913
PACX	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Market	722,896	611,777	398,949	455,024	888,361	1,060,552	1,359,143	1,437,575	1,161,078	644,806	476,520	694,220	9,910,900
_year	2,680,665	2,411,806	2,419,152	2,470,223	3,072,313	3,365,252	3,938,089	4,061,515	3,420,232	2,735,043	2,382,544	2,733,458	35,690,292

2011 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	841,337	762,769	845,854	818,065	821,939	820,969	843,451	849,092	814,924	844,458	796,918	845,099	9,904,876
Coal	1,130,098	989,800	1,091,426	1,081,149	1,087,010	1,107,374	1,171,131	1,178,687	1,139,866	1,116,810	1,089,568	1,168,372	13,351,291
APS Steam	19,038	13,977	8,671	9,166	31,075	52,602	111,755	125,295	58,691	41,066	14,630	31,423	517,389
APS CC	77,858	67,502	56,542	70,554	92,261	100,340	132,923	144,217	111,671	87,919	70,173	95,760	1,107,719
APT CT Gas	1,780	1,760	1,461	1,370	6,820	13,384	38,028	54,978	15,283	22,704	3,782	2,396	163,746
APS CT Oil	9	6	1	3	26	90	330	407	148	133	4	5	1,162
Solar/Hydro	15,385	14,630	17,024	17,688	19,148	18,626	18,453	18,228	15,399	3,901	11,452	15,103	185,038
SRP T&C	26,008	20,914	18,251	22,558	47,228	59,233	119,467	142,878	56,654	63,776	21,638	26,749	625,356
PACX	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Market	807,641	682,760	451,333	533,315	981,406	1,157,834	1,485,066	1,534,175	1,238,327	723,967	586,543	768,900	10,951,268
_year	2,776,306	2,484,997	2,490,563	2,553,867	3,165,250	3,468,692	4,063,454	4,190,804	3,520,083	2,826,398	2,456,467	2,810,960	36,807,843

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APS MONTHLY GENERATION BY RESOURCE TYPE
WITH ELECTRIC PRICES 10% LOWER THAN CURRENT FORWARD MARKET PRICES

2012 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	843,485	791,787	843,794	817,043	828,864	818,130	842,667	846,616	818,055	842,940	801,308	841,012	9,935,699
Coal	1,118,003	1,037,598	1,089,860	1,078,777	1,089,747	1,110,547	1,184,625	1,185,106	1,138,838	1,148,866	1,106,215	1,113,427	13,401,608
APS Steam	15,024	10,694	8,652	9,098	29,231	61,181	111,165	118,608	60,144	41,020	17,736	29,025	511,577
APS CC	77,183	66,572	61,348	70,784	92,442	104,665	133,807	141,469	114,801	97,198	83,547	90,171	1,133,987
APT CT Gas	2,913	2,136	807	1,417	11,994	17,817	41,778	54,867	11,607	18,043	2,169	5,633	171,180
APS CT Oil	6	6	-	1	64	178	396	441	133	83	1	19	1,328
Solar/Hydro	15,532	15,173	17,202	17,759	18,939	18,547	18,413	18,272	15,073	3,901	11,950	15,172	185,933
SRP T&C	26,240	19,411	17,054	32,074	53,385	70,163	124,914	133,590	49,236	66,390	23,582	41,426	657,466
PACX	(142,848)	(69,120)	-	-	78,336	138,240	142,848	142,848	69,120	(78,336)	(138,240)	(142,848)	-
Market	904,258	683,139	530,412	601,197	1,061,917	1,236,282	1,581,841	1,677,565	1,350,582	772,819	624,338	846,631	11,870,981
_year	2,859,797	2,557,394	2,569,129	2,628,149	3,264,919	3,575,751	4,182,455	4,319,381	3,627,588	2,912,924	2,532,606	2,839,668	37,869,761

APS MONTHLY GENERATION BY RESOURCE TYPE
WITH ELECTRIC PRICES 10% HIGHER THAN CURRENT FORWARD MARKET PRICES

2003 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	793,224	714,121	764,821	507,829	754,466	761,867	789,820	787,767	728,789	525,841	506,729	698,230	8,333,502
Coal	1,087,549	851,346	875,427	913,794	1,060,508	1,102,534	1,150,660	1,150,638	1,115,923	1,112,591	1,067,606	1,060,542	12,549,118
APS Steam	28,502	19,482	7,565	40,617	52,601	61,729	101,917	108,314	63,603	48,728	28,309	24,942	586,309
APS CC	93,279	84,582	64,267	72,507	99,468	95,130	118,900	117,239	97,914	65,946	78,402	91,792	1,079,427
APT CT Gas	3,439	3,816	1,613	3,482	12,696	26,870	72,005	78,776	28,502	9,684	5,334	6,153	252,372
APS CT Oil	0	3	0	1	19	98	573	669	101	4	4	2	1,474
Solar/Hydro	8,236	7,462	8,356	8,427	8,765	8,523	8,654	8,625	7,517	3,287	6,423	8,141	92,416
SRP T&C	28,972	13,415	10,991	44,643	80,299	105,512	145,038	146,035	101,644	55,124	39,171	44,416	815,260
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market [1]	145,650	218,399	117,015	301,868	194,033	228,853	438,467	506,795	398,387	314,447	205,942	267,393	3,337,246
_year	2,046,002	1,843,505	1,850,055	1,893,166	2,341,191	2,529,356	2,968,882	3,047,706	2,611,499	2,057,317	1,799,680	2,058,764	27,047,124

[1] Note: Market purchases in 2003 include 215 GWH of forward purchases transacted prior to September 1, 2002 (primarily executed in March 2000).

2004 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	807,173	755,028	807,691	541,987	734,198	780,285	805,017	806,362	777,861	552,435	722,531	810,226	8,900,794
Coal	1,060,845	886,850	951,689	1,000,275	1,100,803	1,112,219	1,155,888	1,165,066	1,118,166	1,156,242	1,061,367	1,133,817	12,903,227
APS Steam	36,404	21,669	9,349	45,959	59,894	69,112	110,852	117,064	80,643	51,509	27,996	46,732	677,185
APS CC	96,158	74,909	60,855	78,084	98,967	104,024	120,737	124,728	103,931	102,591	93,526	111,324	1,169,835
APT CT Gas	5,016	3,792	1,194	5,740	18,984	39,886	83,050	86,966	43,765	18,617	7,400	14,479	328,888
APS CT Oil	16	1	3	23	47	231	698	769	260	77	16	22	2,162
Solar/Hydro	9,953	9,471	10,402	10,321	10,790	10,517	10,765	10,702	8,854	3,538	8,203	9,890	113,405
SRP T&C	43,273	23,142	16,409	67,355	90,056	122,172	151,216	157,351	111,919	68,323	52,685	73,931	977,833
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market	233,466	235,579	82,693	224,902	263,045	288,122	543,142	608,679	425,730	321,148	87,982	150,433	3,464,921
_year	2,149,456	1,941,323	1,940,284	1,974,646	2,455,119	2,664,808	3,124,214	3,220,537	2,740,249	2,196,144	1,923,466	2,208,006	28,538,251

2005 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	802,569	727,741	808,809	517,303	733,368	779,182	806,043	808,019	779,238	545,870	526,069	678,613	8,512,825
Coal	1,059,521	884,995	942,461	913,234	999,611	1,060,797	1,090,295	1,102,467	900,113	1,001,118	873,967	1,069,036	11,897,616
APS Steam	40,531	31,821	16,375	32,537	53,871	80,708	95,872	89,557	66,609	67,902	45,072	61,973	682,828
APS CC	72,466	52,620	47,078	92,372	80,931	101,608	101,858	104,191	74,407	69,273	92,595	105,199	994,598
APT CT Gas	10,525	11,527	3,282	8,138	42,886	38,247	72,557	65,202	51,170	42,597	43,158	39,432	428,722
APS CT Oil	15	104	1	12	366	204	599	445	451	262	371	451	3,282
Solar/Hydro	9,182	8,657	9,887	9,971	10,494	10,175	10,235	10,107	9,801	1,272	5,510	9,281	104,572
SRP T&C	59,774	45,188	42,488	88,106	74,700	102,792	138,411	128,963	102,097	103,712	88,221	77,909	1,052,361
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market	319,508	310,246	143,989	391,622	472,056	457,333	775,813	882,581	746,480	499,382	437,144	359,295	5,795,449
_year	2,231,244	2,003,779	2,014,371	2,053,296	2,546,620	2,769,285	3,234,531	3,334,379	2,799,487	2,253,052	1,973,867	2,258,342	29,472,252

APS MONTHLY GENERATION BY RESOURCE TYPE
WITH ELECTRIC PRICES 10% HIGHER THAN CURRENT FORWARD MARKET PRICES

2006 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	826,550	749,176	823,297	543,421	767,871	801,312	821,541	826,009	792,889	544,873	751,830	825,723	9,074,491
Coal	979,401	867,385	890,757	944,194	1,031,480	1,076,060	1,146,264	1,107,845	1,087,170	1,050,769	999,873	1,108,742	12,289,942
APS Steam	41,893	39,495	31,568	47,650	52,163	79,893	92,579	89,583	65,776	65,372	27,301	56,988	690,263
APS CC	69,736	62,484	55,472	76,945	76,777	102,824	112,401	116,538	86,328	92,433	91,897	108,138	1,051,973
APT CT Gas	13,369	7,513	22,816	28,246	37,994	34,999	62,047	58,462	42,911	42,432	23,983	23,577	398,349
APS CT Oil	20	12	69	172	332	153	430	437	297	226	107	202	2,457
Solar/Hydro	11,244	10,421	11,852	11,945	12,849	12,387	12,534	12,417	11,424	1,632	7,001	11,017	126,724
SRP T&C	72,867	51,313	37,575	88,783	58,869	105,694	133,947	103,156	98,640	117,797	86,628	84,615	1,039,884
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market	446,301	371,736	203,672	381,222	525,930	531,490	856,652	1,029,910	674,884	504,064	211,181	294,472	6,031,513
_year	2,318,534	2,090,416	2,077,078	2,122,579	2,642,600	2,883,052	3,381,244	3,487,204	2,929,439	2,341,262	2,061,561	2,370,627	30,705,596

2007 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	825,617	748,482	811,256	528,230	773,992	798,001	826,375	822,673	779,892	563,572	548,733	715,644	8,742,468
Coal	1,111,559	908,330	911,870	1,018,391	1,030,633	1,057,784	1,115,081	1,147,124	1,044,292	1,082,859	1,048,895	1,043,729	12,520,546
APS Steam	50,476	40,825	25,626	36,276	53,361	74,993	93,972	103,186	66,868	49,049	41,695	49,721	686,050
APS CC	76,631	57,994	57,564	70,947	62,010	96,851	108,417	117,383	82,024	87,885	97,606	104,175	1,019,486
APT CT Gas	13,925	6,280	7,509	7,731	39,096	37,292	66,291	74,788	42,139	24,968	16,478	24,631	361,128
APS CT Oil	24	11	7	11	222	192	478	541	341	130	37	161	2,156
Solar/Hydro	12,971	12,001	13,817	13,937	14,751	14,247	14,488	14,506	12,772	2,069	8,585	12,763	146,906
SRP T&C	68,095	53,928	75,049	73,236	79,464	113,135	152,586	160,292	107,296	81,765	93,928	100,574	1,159,348
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market	407,771	417,340	283,051	481,030	623,930	676,401	990,722	1,032,088	832,436	620,175	426,305	550,058	7,341,307
_year	2,424,221	2,176,071	2,185,750	2,229,789	2,755,796	3,007,138	3,511,258	3,615,429	3,037,180	2,434,135	2,144,022	2,458,608	31,979,396

2008 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	845,316	787,902	845,509	817,846	823,944	817,492	846,562	842,285	817,107	846,726	798,504	847,682	9,936,875
Coal	1,164,646	1,070,269	1,121,855	1,105,087	1,142,027	1,135,518	1,177,048	1,184,614	1,139,148	1,161,081	1,114,188	1,142,641	13,658,121
APS Steam	46,770	34,278	26,335	38,605	65,462	89,787	125,843	142,415	82,437	59,191	45,426	50,699	807,248
APS CC	115,480	94,902	81,216	91,140	115,958	122,723	149,031	154,355	128,008	107,421	105,217	119,859	1,385,312
APT CT Gas	9,652	7,403	5,480	7,357	27,155	37,956	65,832	83,612	34,033	23,505	10,858	20,347	333,190
APS CT Oil	24	6	5	4	159	253	558	591	282	81	37	84	2,084
Solar/Hydro	13,868	13,362	15,083	15,573	16,253	16,023	16,024	15,678	13,278	2,639	10,078	13,917	161,778
SRP T&C	56,465	48,433	45,802	71,361	93,968	116,179	146,409	160,875	105,810	76,235	54,340	80,175	1,056,053
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market	435,307	293,370	144,874	182,589	517,884	664,589	994,340	1,045,534	798,820	364,676	251,948	401,349	6,095,278
_year	2,544,680	2,280,805	2,286,158	2,329,562	2,881,147	3,138,761	3,664,496	3,772,807	3,188,042	2,563,220	2,252,355	2,533,905	33,435,941

APS MONTHLY GENERATION BY RESOURCE TYPE
WITH ELECTRIC PRICES 10% HIGHER THAN CURRENT FORWARD MARKET PRICES

2009

resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	844,953	760,509	845,626	817,459	823,801	818,460	845,076	846,062	815,706	845,415	800,884	840,573	9,904,524
Coal	1,157,599	1,049,929	1,143,545	1,112,400	1,147,320	1,138,924	1,183,855	1,186,588	1,137,094	1,167,346	1,126,916	1,178,039	13,729,556
APS Steam	44,449	32,427	28,523	42,123	70,936	96,952	133,038	143,344	91,979	58,274	48,072	58,564	848,681
APS CC	113,658	96,887	84,393	91,973	116,905	126,599	149,543	154,637	130,527	107,661	109,697	130,504	1,412,983
APT CT Gas	16,185	6,015	4,293	10,954	29,255	39,324	61,980	83,313	31,066	29,773	15,810	17,813	345,782
APS CT Oil	134	3	7	12	185	211	497	627	223	142	62	59	2,162
Solar/Hydro	14,923	14,256	16,430	16,686	17,752	17,648	17,480	17,402	14,657	3,224	11,065	14,618	176,141
SRP T&C	62,974	45,728	50,627	78,311	98,864	126,910	150,210	166,277	101,544	78,602	76,576	90,194	1,126,816
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market	521,232	436,595	205,906	251,941	614,585	768,412	1,123,764	1,183,044	920,413	448,382	294,508	505,427	7,274,209
_year	2,633,259	2,373,227	2,379,351	2,421,860	2,997,939	3,271,680	3,808,290	3,924,142	3,312,330	2,660,484	2,345,350	2,692,943	34,820,855

2010

resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	843,837	765,137	843,726	817,119	825,006	816,638	844,932	844,308	818,446	843,887	798,032	848,803	9,909,870
Coal	1,167,346	1,049,321	1,155,701	1,127,418	1,151,044	1,131,393	1,188,505	1,182,585	1,143,726	1,168,901	1,131,003	1,179,657	13,776,600
APS Steam	50,272	31,370	31,931	45,594	72,786	96,681	131,218	144,398	95,120	57,248	53,238	66,825	876,680
APS CC	114,537	97,543	92,585	104,590	120,625	127,390	148,709	155,243	135,404	112,426	114,187	134,371	1,457,610
APT CT Gas	13,980	8,902	3,533	11,377	28,281	44,468	71,682	83,227	34,187	32,407	18,597	18,293	368,934
APS CT Oil	121	25	2	18	91	311	593	627	282	194	99	46	2,411
Solar/Hydro	15,266	14,709	17,168	17,960	18,946	18,532	18,367	18,121	15,558	3,901	11,504	15,324	185,355
SRP T&C	51,219	50,250	54,471	76,272	105,003	124,059	152,213	168,165	107,724	77,987	83,346	92,271	1,142,980
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market	624,387	508,970	273,736	316,673	710,595	893,641	1,258,222	1,336,993	1,021,065	543,128	361,628	577,864	8,426,903
_year	2,738,115	2,457,106	2,472,852	2,517,023	3,110,713	3,391,352	3,957,289	4,076,515	3,440,632	2,761,743	2,433,394	2,790,608	36,147,342

2011

resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	841,336	762,768	845,853	818,065	821,939	820,968	843,451	849,092	814,924	844,457	796,917	845,099	9,904,869
Coal	1,171,339	1,046,468	1,155,506	1,130,545	1,154,864	1,143,092	1,182,139	1,185,244	1,146,253	1,155,473	1,134,345	1,181,486	13,786,755
APS Steam	51,437	37,140	35,234	50,626	64,568	98,834	133,492	147,064	100,155	66,897	42,532	61,717	889,696
APS CC	115,338	96,217	100,286	111,222	121,376	129,044	148,832	156,884	137,883	115,320	117,987	132,607	1,482,995
APT CT Gas	13,149	11,958	8,102	8,777	26,868	37,402	67,025	91,194	31,526	41,013	13,802	18,595	369,410
APS CT Oil	50	98	22	8	143	234	526	705	252	264	36	89	2,427
Solar/Hydro	15,385	14,630	17,024	17,688	19,148	18,626	18,453	18,228	15,399	3,901	11,452	15,103	185,038
SRP T&C	66,909	48,715	57,809	89,450	107,641	128,404	153,351	177,826	110,425	88,902	83,117	106,743	1,219,293
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market	688,911	580,523	325,326	371,587	810,566	985,348	1,391,637	1,433,119	1,125,796	606,507	441,921	666,769	9,428,010
_year	2,821,006	2,529,397	2,545,163	2,597,967	3,205,450	3,500,192	4,081,754	4,202,204	3,551,733	2,844,398	2,503,867	2,885,360	37,268,492

APS MONTHLY GENERATION BY RESOURCE TYPE
WITH ELECTRIC PRICES 10% HIGHER THAN CURRENT FORWARD MARKET PRICES

2012 resource	January	February	March	April	May	June	July	August	September	October	November	December	Annual Total
Nuclear	843,485	791,786	843,794	817,042	828,863	818,130	842,667	846,615	818,054	842,940	801,307	841,011	9,935,694
Coal	1,170,296	1,091,348	1,154,977	1,129,997	1,155,875	1,140,493	1,189,594	1,186,017	1,144,069	1,176,707	1,136,809	1,139,360	13,815,543
APS Steam	47,527	32,228	36,095	50,219	73,647	106,719	133,135	147,449	100,983	74,499	57,299	58,742	918,541
APS CC	115,052	101,913	100,067	112,309	125,986	131,153	151,315	154,190	137,857	127,595	124,716	123,136	1,505,290
APT CT Gas	12,843	8,880	8,223	10,731	29,700	38,947	67,669	92,722	35,996	40,167	15,488	23,061	384,427
APS CT Oil	77	37	17	18	193	322	577	739	263	192	42	139	2,616
Solar/Hydro	15,532	15,173	17,202	17,759	18,939	18,547	18,413	18,272	15,073	3,901	11,950	15,172	185,933
SRP T&C	66,604	44,091	71,729	92,553	107,076	128,545	154,728	177,746	120,766	104,000	88,000	92,419	1,248,257
PACX	-142,848	-69,120	0	0	78,336	138,240	142,848	142,848	69,120	-78,336	-138,240	-142,848	0
Market	773,379	599,557	386,974	432,171	880,504	1,082,104	1,507,309	1,559,683	1,221,407	642,860	483,536	730,425	10,299,910
_year	2,901,947	2,615,894	2,619,079	2,662,799	3,299,119	3,603,201	4,208,255	4,326,281	3,663,588	2,934,524	2,580,906	2,880,618	38,296,210

Additional workpapers for Peter M. Ewen

CD disks with the hourly generation (MWhs) by unit and firm contracts were also provided to Staff and each of the interveners.