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BEFORE THE ARIZONA CORPORATION COMMISSION

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DOUG LITTLE –CHAIRMAN
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IN THE MATTER OF THE APPLICATION OF SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC. FOR ESTABLISHMENT OF JUST AND REASONABLE RATES AND CHARGES DESIGNED TO REALIZE A REASONABLE RATE OF RETURN ON THE FAIR VALUE OF THE PROPERTIES OF SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC. DEVOTED TO ITS OPERATIONS IN THE STATE OF ARIZONA AND RELATED APPROVALS.

DOCKET NO. E-01575A-15-0312

NOTICE OF FILING STAFF'S DIRECT TESTIMONY REGARDING RATE DESIGN AND COST OF SERVICE

The Utilities Division ("Staff") of the Arizona Corporation Commission ("Commission") hereby files the Direct Testimony, regarding rate design and cost-of-service, of Staff witnesses Eric Van Epps and Ranelle Paladino, regarding the above-referenced matter.

RESPECTFULLY SUBMITTED this 18th day of March, 2016.

Arizona Corporation Commission
DOCKETED
MAR 18 2016
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IN THE MATTER OF THE APPLICATION OF SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC. FOR ESTABLISHMENT OF JUST AND REASONABLE RATES AND CHARGES DESIGNED TO REALIZE A REASONABLE RATE OF RETURN ON THE FAIR VALUE OF THE PROPERTIES OF SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC. DEVOTED TO ITS OPERATIONS IN THE STATE OF ARIZONA AND RELATED APPROVALS	)	DOCKET NO. E-01575A-15-0312

DIRECT

RATE DESIGN

TESTIMONY

OF

ERIC VAN EPPS

PUBLIC UTILITIES ANALYST

UTILITIES DIVISION

ARIZONA CORPORATION COMMISSION

MARCH 18, 2016

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DOCKET NO. E-01575A-15-0312

The direct rate design testimony of Eric Van Epps presents the results of the Utility Division Staff's ("Staff") review of the rate case application ("Application") of Sulphur Springs Valley Electric Cooperative, Inc. ("SSVEC" or "Company") filed with the Arizona Corporation Commission ("Commission") on August 31, 2015 and the results of Staff's evaluation of the Company's Net Metering ("NEM") proposal.

Based on its review of SSVEC's Application, Staff's recommendations are as follows:

a) Staff recommends that SSVEC's Schedule NM-1 be changed so that it is only available to customers who installed a DG system on or before April 14, 2015. After this change to the Availability section is made, Staff recommends that NM-1 be frozen.

b) Staff recommends that SSVEC's Schedule DG be adapted to eliminate the banking of excess kWh, require that all energy procured from the grid be compensated for at SSVEC's retail rate, and provide a methodology for the treatment of any energy provided or exported by a DG system to the grid. Schedule DG should act as an export rate rider. This rider should provide language outlined in schedule NM-1 that provides definitions, interconnection requirements, system requirements, sizing requirements, etc. Schedule DG should be updated to include an export rate methodology that includes a year one and year two phase-in. Schedule DG should be made available to all eligible DG customers who install a system on or after April 15, 2015.

c) Staff recommends that SSVEC Schedules R-DG E and R-DG be denied. Further, Staff recommends that new and existing DG customers remain on Schedule R.

d) Staff recommends that the export rate be updated every three years.

e) Staff recommends that, to the extent necessary, and in the event one of the parties to this case believes the NEM rules should be waived for SSVEC, there be a partial waiver of the NEM rules for SSVEC to enact the rate design recommendations discussed herein.

INTRODUCTION

Q. Please state your name, occupation, and business address.

A. My name is Eric Van Epps. I am a Public Utilities Analyst employed by the Arizona Corporation Commission ("Commission") in the Utilities Division ("Staff"). My business address is 1200 West Washington Street, Phoenix, Arizona 85007.

Q. Briefly describe your responsibilities as a Public Utilities Analyst.

A. In my capacity as a Public Utilities Analyst, I provide recommendations to the Commission on matters involving electric and gas utilities. I also perform studies on ancillary issues pertaining to matters concerning the electric industry.

Q. Please describe your educational background and professional experience.

A. I have a bachelor's degree in Business Administration and Political Science, specializing in international business and international politics from Arizona State University. I also graduated with a degree in Sustainability with a focus on alternative energy and resources from Arizona State University. I have been employed with the Commission since January of 2013.

Q. What is the scope of your testimony in this case?

A. I will be addressing Net Metering ("NEM"), for Sulphur Springs Valley Electric Cooperative, Inc. ("SSVEC" or "Company").

Q. Have you reviewed the testimony submitted by the Company in this case?

A. Yes. I reviewed the testimonies of Company witnesses, Mr. Creden W. Huber and Mr. David Hedrick, as they specifically pertain to NEM.

Mr. Huber and Mr. Hedrick are proposing multiple rate design strategies to address NEM.

1. The Company has proposed an increase in the monthly service availability charge from $10.25 to $25.00 for all standard residential customers. For residential customers with Distributed Generation ("DG") the Company has proposed a monthly service availability charge of $50.00. In both cases, the increase in the customer charge would transition over a four-year period.
2. In addition to the increased customer charge, the Company has proposed two new rate schedules, Residential Service with Distributed Generation-Existing ("R-DG E") and Residential Service with Distributed Generation ("R-DG"). Under R-DG E, customers who installed their system on or before April 14, 2015, would be grandfathered on the existing NM-1 Tariff for a period of 20 years from the date their system was installed.
3. Under R-DG, customers who installed a DG system on or after April 15, 2015, would no longer be able to participate in NEM in its current form. Under R-DG, all excess distributed generation energy would be compensated for at the Company's Annual Average Avoided Cost, while all energy procured by the customer from the utility would be charged at the retail rate.

NET METERING TESTIMONY AND RECOMMENDATIONS

Q. Does Staff accept the Company's NEM proposal?

A. No. Although, Staff understands the problem outlined by the Company, SSVEC's NEM solution does not align with Staff's overall philosophy concerning rate design for SSVEC's DG customers. Staff would prefer to not differentiate among SSVEC customers who make up the residential class.

Q. What is Staff's preferred rate design for SSVEC?

A. Staff would prefer to implement mandatory three-part rates for customers in the SSVEC service territory. Three-part rates would more equitably align costs with cost causers, eliminating many cross-subsidies and other inequities associated with SSVEC's current two-part rate design for residential customers.

Q. Can three-part rates be implemented for SSVEC at this time?

A. No. Due to technological limitations associated with SSVEC's metering capabilities, implementing three-part rates in SSVEC's territory at this time would be unduly burdensome. Thus, a three-part rate design is not a viable option at this time.

Q. Is there evidence that the Company is under-recovering due to current DG installations?

A. Yes. The Company has indicated that there was an under-recovery associated with the proliferation of DG systems that equated to $1,139,013 under the existing residential rate in its 2014 test year.

Q. Can the aforementioned under-recovery claim be substantiated?

A. Yes. If you were to set aside cross subsidization and the alignment of costs with cost causation then it would be appropriate to assume that under-recovery associated with the proliferation of DG in SSVEC's service territory would be equal to DG production, multiplied by unavoidable fixed costs. For SSVEC, in addition to the total customer costs, the unavoidable fixed costs would be the purchased power demand and the distribution wires portion of the bill.

Q. Can Staff please explain this further?

A. Yes. As I mentioned before, current two-part rates allow for many unintended subsidies. One of the largest subsidies in the residential class is the subsidy between high usage and low usage customers. Because most of a utility's fixed costs are recovered through a volumetric rate, inevitably a larger customer will pay a larger portion of the fixed costs associated with serving all customers. Conversely, a low usage customer will pay less. Given this flaw embedded in two-part rates, DG customers can reduce their usage and avoid paying large portions of their fixed costs. When rates are set, they are set using a snap-shot in time. This snap-shot looks at system-wide consumption to determine a rate appropriate for a utility to recover fixed costs based on future consumption. When future consumption is reduced due to installed DG, utilities are left with under-recoveries and are in turn forced to increase rates or find other ways to recover their fixed costs.

Q. Does Staff believe that based on a two-part rate design the current NEM policy is sustainable for SSVEC?

A. No. Currently, roughly 3 percent of SSVEC's residential class are DG customers. As DG system prices continue to trend down it is reasonable to assume that a larger percentage of SSVEC's residential class will install DG systems. Given the current NEM policy, it is also reasonable to assume that future DG systems will continue to be sized so that customers may offset a large percentage, if not all, of their consumption. As this trend continues more and more SSVEC customers will avoid paying their share of the system's fixed costs, leading to further under-recoveries. If this trend continues and a utility's ability to recover its fixed costs from all of its customers is not addressed, the resulting scenario could be unsustainable.

Q. Given that three-part rates are not an option, does Staff have recommended changes for SSVEC's NEM policy?

A. Yes.

Q. What changes does Staff recommend to the way exported excess energy, produced by a DG system located in SSVEC's service territory, be handled on an SSVEC customer's bill?

A. Staff recommends that the existing NM-1 tariff be frozen and a new rider be proposed for new DG customers. This new DG rider should eliminate the banking of excess kWh, require that all energy procured from the grid be paid for at SSVEC's respective retail rate, and provide a methodology for the treatment of any energy provided or exported by a DG system to the grid.

Q. Why does Staff recommend the elimination of banking?

A. Staff recommends the elimination of banking for SSVEC because Staff believes banking creates an inequity with respect to the sale of excess energy by the Company's DG customers. Under SSVEC's NEM policy which provides a 1-for-1 kWh offset, banking gives customers an incentive to oversize their solar DG systems. Solar systems can be sized in a way that is disproportionate to a customer's needs and, as a result, provide SSVEC with a glut of energy when the Company doesn't need it and a lack of energy when it does. Once a kWh is assigned a value, SSVEC's banking should be looked at conceptually as a bill credit that is either rolled over or not.

Q. What is Staff's position on a bill credit roll-over SSVEC customers?

A. Staff is open to considering this. Staff suggests that if there is a bill credit to be rolled over, SSVEC customers be given the choice to either receive it as a check or apply it to their next

month's bill. Staff also believes that the latter option would be less expensive than having the Company issue a check to DG customers every month.

Q. Why does Staff believe that residential customers should pay a retail rate for all energy procured from a utility?

A. As addressed earlier in my testimony, SSVEC's current two-part rate disproportionately recovers fixed and variable costs associated with serving customers. At this time, the Company is unable to implement three-part rates for residential customers. If the Company could implement mandatory three-part rates, many of the Company's concerns regarding the recovery of fixed costs would be addressed. Given that SSVEC's DG customers rely on the grid, just as all other customers do, SSVEC's DG customers have the same responsibility to pay for the infrastructure that allows them to have reliable power 24 hours a day.

Q. Why does Staff believe that excess DG energy in SSVEC's service territory, exported to the grid, be compensated for at a separate export rate?

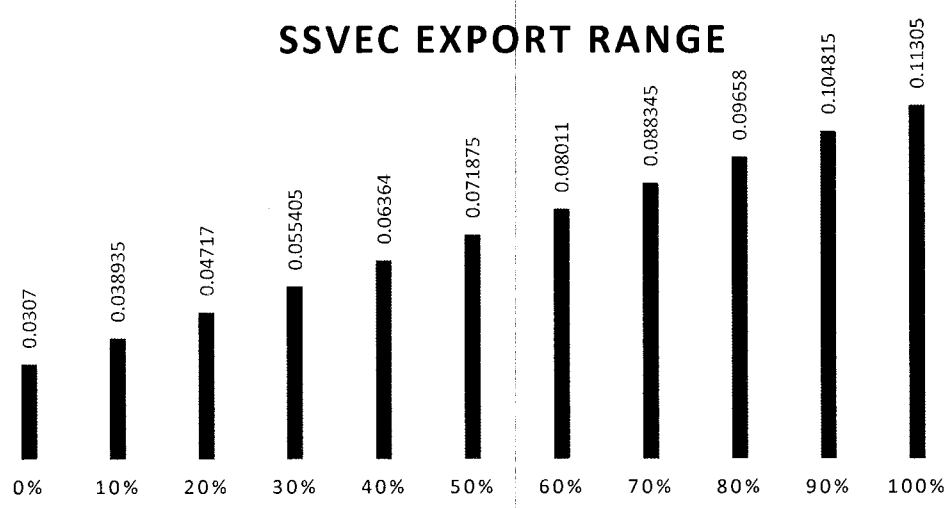
A. Staff believes a separate export rate for energy exported to the grid would provide the Commission the ability to set a value for DG on its own individual merits rather than merely assessing a value based on an all-inclusive retail rate.

Q. You mentioned that Staff recommends that DG be valued on its own individual merits; does Staff have a process for doing this?

A. Not yet. Currently, the Commission has an open docket investigating the value and cost of distributed generation, Docket No. E-00000J-14-0023. In this docket, Staff has proposed a matrix that could provide the Commission with a means for determining the value of DG.

Q. Given that there hasn't been a decision in Docket No. E-00000J-14-0023, does Staff have a recommendation for the proposed export rate?

A. Yes. Staff believes that there appears to be a consensus among parties that the price floor for DG should be valued at Avoided Cost and the price ceiling for DG should be its currently valued rate, the retail rate. Staff is left with determining an export rate for DG somewhere between avoided cost and the retail rate. The graph below illustrates different export rates based on a range of values above avoided cost.



* 0 percent Represents The Company's Avoided Cost
* 100 percent Represents Staff's Proposed Year 1 Retail Rate

Q. Given the proposed export rate range, does Staff have a recommendation for a starting point?

A. No. At this time Staff cannot give a specific starting rate; however, Staff recommends that the rate be higher than avoided cost and lower than the retail rate. Staff prefers to arrive at an export rate that utilizes a quantitative method, incorporating potential value determinants derived from the Value and Cost of DG Docket. Staff invites parties to the SSVEC rate case

to speak to the aforementioned export range, providing Staff with a suggested starting point based on detailed justification.

Q. Does Staff have further recommendations regarding the Company's treatment of DG customers?

A. Yes. There are a number of proposals regarding new Standard Offer Tariffs explicitly with regard to Schedules R-DG E, R-DG, NM-1, and DG that Staff would like to comment on. These tariffs address the treatment of new and existing DG customers.

Q. What comments do you have with regard to Schedule R-DG E and R-DG?

A. Staff would echo its earlier comments in this testimony with regard to the differentiation among residential customers. Staff is very much opposed to a $50 customer charge and does not believe it is necessary to have a separate Schedule for new and existing DG customers. Further, because the proposed changes to Schedule NM-1 and DG are tied to the creation of Schedule R-DG E and R-DG, Staff has recommendations for how these Schedules are addressed.

Q. What are Staff recommendations for the aforementioned Schedules?

A. Staff recommends that SSVEC's Schedule R-DG E and R-DG be denied. Staff recommends that new and existing DG customers remain on Schedule R. Staff witness Ranelle Paladino has recommended in her Direct Testimony that the fixed customer charge on this rate schedule be set at $27.00 a month in year two. Staff believes that this will begin to mitigate some of the under-recovery associated with both new and existing DG customers. Staff's recommendations with regard to Schedule R also includes a reduction in the volumetric energy charge in both years one and two.

Staff recommends that SSVEC's Schedule NM-1 be changed so that it is only available to customers who installed a DG system on or before April 14, 2015. After this change to the Availability section is made, Staff recommends that NM-1 be frozen. Further, Staff recommends that Schedule DG be adapted to act as an export rate rider. This rider should for all intents and purposes provide logistical language previously outlined in Schedule NM-1. Schedule DG should be updated to include an export rate methodology that includes a year one and year two phase-in. Schedule DG should be made available to all eligible DG customers who install a system on or after April 15, 2015.

Q. How often should the export rate in Schedule DG be updated?

A. Under Staff's proposed methodology the export rate portion of Schedule DG is directly tied to both the avoided cost floor and the retail rate ceiling. Thus, as these two rates change, so will the export rate. However, Staff opposes an export rate for SSVEC that adjusts annually, because Staff prefers that there be some stability with the proposed export rate. Staff recommends that the export rate be changed every three years.

Q. Does Staff believe a waiver of the Net Metering rules is needed?

A. No. Staff believes that freezing SSVEC's NM-1 tariff addresses this issue, with the added benefit of keeping rules in place to reinforce the treatment of customers frozen on the NM-1 tariff. However, if parties believe the rules should be waived, Staff would consider recommending a partial waiver of the rules to enact the rate design recommendations for SSVEC discussed herein.

Q. Are there any other issues Staff wishes to discuss?

A. Yes. Given Staff's preference to not differentiate among customers in the residential class, there are a number of customer segments that operate in a fashion similar to DG customers. For example, seasonal customers may only occupy their homes for 2-3 months a year. In this instance, these customers may or may not be covering their fixed costs and may be contributing to the utility's under-recovery.

Q. Given that there are other low-use customers in SSVEC territory, did the Company file a "low-use" tariff?

A. No.

Q. Does this conclude your direct testimony?

A. Yes, it does.

BEFORE THE ARIZONA CORPORATION COMMISSION

DOUG LITTLE
Chairman
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IN THE MATTER OF THE APPLICATION OF SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC., FOR A HEARING TO DETERMINE THE FAIR VALUE OF ITS PROPERTY FOR RATEMAKING PURPOSES, TO FIX A JUST AND REASONABLE RETURN THEREON, TO APPROVE RATES DESIGNED TO DEVELOP SUCH RETURN AND FOR RELATED APPROVALS.	)	DOCKET NO. E-01575A-15-0312

DIRECT

RATE DESIGN

TESTIMONY

OF

RANELLE PALADINO

PUBLIC UTILITIES ANALYST IV

UTILITIES DIVISION

ARIZONA CORPORATION COMMISSION

MARCH 18, 2016

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EXECUTIVE SUMMARY
SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.
DOCKET NO. E-01575A-15-0312

Ranelle Paladino's testimony presents the results of the Utilities Division Staff's ("Staff") review of the cost of service study ("COSS"), revenue allocation, and rate design proposals in the rate case application of Sulphur Springs Valley Electric Cooperative, Inc.'s ("SSVEC"). The application was filed with the Arizona Corporation Commission ("Commission") on August 31, 2015.

Taking into consideration Staff's recommendation that rate design more closely reflect actual cost of service and with SSVEC's limited ability to implement a three-part rate (customer, demand, and energy) and a lack of time-based costs, Staff is proposing changes to the fixed and variable components of the rate design. Staff's proposal represents movement in the direction of collecting more fixed costs through a fixed charge rather than through a variable rate.

Based on its review of SSVEC's COSS, revenue allocation, and rate design proposals, Staff's conclusions and recommendations are as follows:

CONCLUSIONS

a. Staff concludes that SSVEC has performed the COSS consistent with methodologies generally accepted in the industry, and developed the allocation factors appropriately.

b. Staff further concludes that the application of the COSS model is reasonable with the exception of the customer count adjustment found in Exhibit RSP-1.

c. Staff also concludes that the revenue allocation developed by SSVEC is reasonable.

d. Staff's review of the rate design proposals submitted by SSVEC concludes:

   a. The Residential Service Rate Schedule, Residential Time-of-Use Rate Schedule, Residential Service with Distributed Generation-Existing and Residential Service with Distributed Generation rate design proposals are not reasonable.

   b. The Residential Auxiliary Service Rate Schedule, General Service Rate Schedule, General Service Time-of-Use Rate Schedule, Unmetered Service Rate Schedule, Large Power Rate Schedule, Large Power Time-of-Use Rate Schedule, Industrial Rate Schedule, Irrigation Service Rate Schedule, Irrigation Load Factor Rate Schedule, Controlled Irrigation Rate Schedules (Weekly, Twice-Weekly, and Daily), Interruptible (including Interruptible Irrigation) Rate Schedule, Security and Street Lighting Rate Schedules, and Contract Power Service Rate Schedule rate design proposals are reasonable.

   c. The rate design proposals for General Service Distributed Generation, Large Power Distributed Generation, Irrigation Distributed Generation, and

Irrigation Controlled Distributed Generation should not be separated from the rate design proposals for the General Service Rate Schedule, the Large Power Rate Schedule, the Irrigation Service Rate Schedule, and the Controlled Irrigation Rate Schedule as the rate design proposals are identical.

d. The General Service RV Parks Rate Schedule should be discontinued and any customers on this schedule should be transferred to the Large Power Rate Schedule.

e. The Seasonal Power Service Rate Schedule should be discontinued and any customers on this schedule should be transferred to the Large Power Rate Schedule.

f. The Large Power Rate Schedule should be approved as filed by SSVEC in its application where the language requiring that customers be on the schedule for a period of twelve consecutive months is removed.

e. Staff does not support the creation of rate schedules which single out distributed generation customers.

f. Staff supports gradual movement toward recovering fixed costs based on the cost of serving each class.

g. Staff supports a system-wide reduction in subsidies of one class of customer by other classes of customers.

h. Staff supports the treatment of the residential class on the whole as a class which needs to gradually move toward recovering fixed costs based on the cost to serve the residential customer class.

i. Staff concludes that the currently approved language in the "Other Conditions" section of the Controlled Irrigation Schedule offers more flexibility to SSVEC to recover actual equipment costs compared to the proposed changes and the existing approved language should be retained.

RECOMMENDATIONS

a. Based on the aforementioned conclusions, Staff recommends that the Commission accept SSVEC's COSS for use in this case including the changes included in RSP-1.

b. Staff also recommends the Commission accept the revenue allocation developed by SSVEC; however, in future rate cases, SSVEC needs to make the following two adjustments with regard to revenue and costs for the COSS:

1. Residential Auxiliary Rate Schedule customers should be included as part of the Residential class rather than the General Service class.

2. General Service RV Parks Rate Schedule customers should be included as part of the Large Power class rather than the General Service class.

c. Staff recommends that the proposed Residential Service with Distributed Generation-Existing Rate Schedule and Residential Service with Distributed Generation Rate Schedule not be approved.

d. Staff recommends approval of the Staff-proposed rates found in Exhibit RSP-2 and detailed in this testimony.

e. Staff recommends SSVEC notify in writing customers who will be transferred from the General Service Rate Schedule to the new Residential Auxiliary Rate Schedule. These customers should be informed of the timing and effects of that transition.

f. Staff recommends the discontinuance of the General Service RV Parks Rate Schedule and that customers be transferred to the Large Power Service Rate Schedule.

g. Staff recommends SSVEC notify in writing customers who will be transferred from the General Service RV Parks Rate Schedule to the Large Power Service Rate Schedule. These customers should be informed of the timing and effects of that transition.

h. Staff recommends the discontinuance of the Seasonal Power Service Rate Schedule and customers transferred to the Large Power Service Rate Schedule.

i. Staff recommends SSVEC notify in writing customers who will be transferred from the Seasonal Power Service to the Large Power Service Rate Schedule. These customers should be informed of the timing and implications of that transition.

j. Staff recommends that SSVEC's Large Power Service Rate Schedule be revised to delete the one year service requirement, as SSVEC proposed in its application.

k. Staff recommends that SSVEC's proposal to revise the language in the "Other Conditions" section of the Controlled Irrigation Schedule not be approved.

INTRODUCTION

Q. Please state your name, occupation, and business address.

A. My name is Ranelle Paladino. I am a Public Utilities Analyst employed by the Arizona Corporation Commission ("Commission") in the Utilities Division ("Staff"). My business address is 1200 West Washington Street, Phoenix, Arizona 85007.

Q. Briefly describe your responsibilities as a Public Utilities Analyst.

A. In my capacity as a Public Utilities Analyst, I review and analyze utility applications filed with the Commission, and prepare memoranda and proposed orders for Open Meetings. I also assist in the management of rate cases and track monthly fuel adjustor reports.

Q. Please describe your educational background and professional experience.

A. In 1992, I graduated magna cum laude from Creighton University, receiving a Bachelor of Science degree in Business Administration. In 1999, I received a Master's Degree in Business Administration from Creighton University. I have been employed by the Commission since November of 2011.

Prior to working at the Commission, I was employed by UtiliCorp United, Inc. and Aquila Energy in various departments including the Gas Supply Operations Department and the Gas Accounting Department in both a regulated and non-regulated capacity. After leaving Aquila Energy, I was employed by Northern Natural Gas, an interstate pipeline company, as a Regulatory Analyst and Marketing Analyst.

Q. As part of your employment responsibilities, were you assigned to review matters contained in Docket No. E-01575A-15-0312?

A. Yes.

Q. What is the purpose of your testimony in this case?

A. The purpose of my testimony is to discuss Staff's review of Sulphur Springs Valley Electric Cooperative, Inc.'s ("SSVEC") Cost of Service Study ("COSS") for the rate case, and present the results of this review.

In addition, my testimony also incorporates Staff's recommendations regarding the revenue allocation and the proposed changes to SSVEC's rate design including the elimination of rate schedules and addition of new rate schedules.

Q. Are you addressing net metering in your testimony?

A. No. I am not addressing net metering in my testimony. Net metering will be addressed in the testimony of Eric Van Epps.

COST OF SERVICE STUDY

Q. Has SSVEC provided a COSS?

A. Yes. SSVEC provided a COSS in its rate application based on the Test Year (twelve-month period ended December 31, 2014).[1] The COSS provides the individual class returns for the Company's five major customer classes plus three existing special contracts and Ft. Huachuca.

Q. What is the purpose of preparing a COSS?

A. The purpose of preparing a COSS includes: (1) relating costs to different groups of customers based on which customers caused those costs to occur; (2) determining how to recover costs from customers within each class, (3) calculating costs of services based on how much the utility has to spend on each cost, and (4) separating costs between regulatory

[1] SSVEC Rate Application Filing Schedule G.

jurisdictions if necessary. A complete allocated COSS ultimately tries to determine the specific cost to serve each customer class and subclass.

Q. How will a COSS be used?

A. A fully allocated COSS would be used as a guideline to allocate revenue among classes. The COSS may also be used as a determinant in rate design if the purpose is to design rates based on the costs to serve each customer class.

Q. Is there a standard COSS methodology?

A. No. There is no one right methodology for designing a COSS so the COSS should be used as a guideline for revenue allocation and designing rates.

Q. Have you reviewed the COSS model presented by SSVEC?

A. Yes. The COSS was provided in SSVEC's rate application on Schedules G-1 through G-7. I reviewed the allocations and reviewed SSVEC's answers to Staff's Data Requests. In addition, I reviewed the test year rate base, revenues, and expenses, including the test year adjustments, in the COSS and matched them with the appropriate schedules in the application.

Q. What model was used by SSVEC in developing its COSS?

A. SSVEC utilized the services of Guernsey Engineers, Architects and Consultants ("Consultants"), out of Oklahoma City, Oklahoma. The Consultants prepared the COSS using their in-house model, named CoOPTIONS. This model was used by SSVEC in its last full rate case under Arizona Administrative Code ("A.A.C.") R14-2-103, Decision No. 71274 dated September 8, 2009.

Q. Did SSVEC adjust or normalize its usage or revenues?

A. No. SSVEC utilized a test year ending December 31, 2014, but SSVEC did not adjust or normalize volumes because SSVEC viewed the Test Year volumes as an appropriate representation of billing determinants. The revenues were adjusted by the Consultants to represent a full year of new rates, account for the fuel bank charges during the test year, eliminate Sale for Resale Revenue, and restate the Wholesale Power Cost Adjustor ("WPCA") revenue to allow for the full amount of WPCA revenue.[2]

Q. Did SSVEC make adjustments to the COSS allocation factors from the prior rate case?

A. SSVEC utilized similar demand, energy, and customer-based allocation factors between this COSS and the prior rate case with the exception of the following three items: (1) the allocation of Distribution Underground Line expenses were adjusted with this COSS to match the allocation of Distribution Overhead Line expenses, (2) a minimum cost per mile of single phase line was determined and used in the allocation of both Distribution Underground Line expense and Distribution Overhead Line expense, and (3) the allocation of Account 368 Transformers was split into a Minimum and Remainder designation. Staff considers all three adjustments to be appropriate.

Q. What did Staff determine from its review of the COSS?

A. Staff's review of SSVEC's COSS determined that SSVEC utilized acceptable methods to functionalize, classify, and allocate costs. Staff has determined the COSS model appropriately calculated the components of the rate application. Staff made one change to Schedule G-6.3 from SSVEC's rate application to account for a slight adjustment to customer count for the Residential Class. Exhibit RSP-1 is the Summary of Components of Expenses incorporating Staff's adjustment to Schedule G-6.3.

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[2] Lambert Direct page 3 lines 2-15.

Q. Did the methods used by SSVEC comply with industry standards?

A. SSVEC utilized methodologies that are generally accepted in the utility industry for its COSS. Allocations of plant and operating expenses were assigned to the respective customer classes on the basis of demand, energy and other customer related factors.

Q. Does Staff have a recommendation concerning SSVEC's COSS?

A. Staff recommends the Commission accept SSVEC's COSS in this case, including the changes made in RSP-1.

REVENUE ALLOCATION

Q. Please describe the revenue increase allocation?

A. SSVEC's Application included a request for a revenue increase of $3,101,498. Staff witness Crystal Brown, did not recommend any changes to SSVEC's proposed revenue requirement. The table below details the adjusted test year and Staff proposed revenue increase by customer class (revenue totals include PCA revenue).

SSVEC Customer Class	Test Year Adj. Rev. $*	Staff Proposed Rev. $**	% Increase
Residential	$45,438,233	$47,177,073	3.83%
General Service	$13,950,171	$14,872,397	6.61%
Large Power	$14,180,725	$14,540,169	2.53%
Irrigation	$16,313,056	$16,479,559	1.02%
Lighting	$846,698	$882,397	4.22%
Special Contracts	$3,664,893	$3,664,874	n/a
Other Revenue	$3,309,366	$3,200,541	n/a
Total Revenue	$97,703,142	$100,817,010	3.18%

*Total Adjusted TY Revenue from Schedule E-7.5.
**Staff Proposed Total Revenue from RSP-2.
Staff Proposed Revenue accounts for a correction made to the Seasonal Power Service explained in RSP-2.

SSVEC's COSS study illustrates that, to varying degrees, the Residential, General Service, and Lighting rate classes are paying less than their cost of service. As indicated on Schedule G-1.0, the overall system return is reported to be approximately 4.923 percent. The table above

highlights the greatest percentage increases proposed by Staff are to the residential, general service, and lighting classes.

As can be seen on Schedule G-2.0, after incorporating the proposed revenue increase, the overall system return has increased to 6.411 percent. The proposed revenue increase also led to an improvement of the relative rates of return for the Residential, General Service, and Lighting rate classes. Staff supports moving gradually toward less inter-class subsidies. Staff agrees with the revenue allocation proposed by SSVEC.

RATE DESIGN

Q. Please describe Staff's position on Rate Design?

A. SSVEC's rates, up to this point, have been designed to collect a specific revenue requirement. The breakdown of that revenue requirement by customer class has been split in recovery between a fixed and a variable component for the residential customer class. The large power, general service, and irrigation classes all have an additional billing demand component. The lighting segment has a per-unit rate. Historical rate design, especially for the residential customer class, has allowed recovery of SSVEC's fixed costs partly through a service availability charge and partly through a variable rate or energy charge.

Variations in usage among customers in the same class have increased for a number of reasons (including seasonal customers, vacant homes, and distributed generation). This makes recovery of the revenue requirement difficult with existing rate design. Staff believes that rates should now be more closely based on the actual costs to serve each customer class. However, Staff recognizes that rate design needs to evolve gradually. One option allows for each customer to pay for the level of service they may require at any point in time through a service availability charge, demand charge, and energy charge—in essence, a three-part rate.

However, SSVEC's current system conditions, metering and customer information capabilities, do not allow for the implementation of a real-time three-part rate at this time. Staff is therefore recommending rates which do not require a three-part structure to allow for better recovery of costs to serve each class.

Q. Please describe further the current system conditions that limit the implementation of a three-part rate.

A. While the implementation of a three-part rate allows for recovery of fixed costs and accounts for varying levels of demand within customer classes, a three-part rate requires the use of demand meters, meters which measure demand usage within the billing period, as well as the amount of energy being consumed. Currently, non-residential classes in SSVEC's territory have three-part rates which utilize the peak demand during the month.

Through the discovery process with SSVEC, Staff was able to determine that while current metering capabilities within SSVEC's system can measure the energy being consumed by customers and monthly peak demand, not all of SSVEC's meters provide real time demand data.

Also, through additional discovery, Staff determined that SSVEC may encounter challenges in billing customer demand and making customer demand information available in a timely fashion on its current web portal. SSVEC has not indicated it is unwilling to make the necessary changes, but SSVEC has expressed concerns that the costs of doing so may outweigh the benefits at this point in time.

Q. Please summarize the Company's rate design proposal.

A. SSVEC has indicated in its rate application that the proposed rates are designed to more closely recover the costs of providing service (including the unbundled costs of providing service) while considering the impact of the rate change on its members[3].

Q. What was the Company's primary concern in developing its rate design proposals?

A. SSVEC's application indicates the company has requested a 3.17 percent overall increase in total revenue. SSVEC explains that this increase is necessary to enable SSVEC to better recover fixed costs incurred in serving customers.[4] Specifically, SSVEC's application is proposed to address an issue of unrecovered fixed costs attributable to net metered members.[5]

Q. How does SSVEC propose implementing its rate design changes?

A. SSVEC constructed its proposed rates to be phased in over a four-year period.[6] The 3.17 percent increase in revenue would be reached with the rate changes in the first year. In subsequent years SSVEC would maintain the 3.17 percent increase, but do so through higher service availability charges (and billed demand charges for some customers) and lower variable charges.

Q. Does Staff also propose implementing rate design changes over four years?

A. Staff is proposing a shorter timeframe of two years for implementation of the rate design changes.

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[3] Hedrick Direct page 25 lines 22-24.
[4] Huber Direct page 5 lines 11-14.
[5] Huber Direct page 5 lines 23-24.
[6] Hedrick Direct page 26 lines 3-4.

Q. Why is Staff proposing a shorter implementation timeframe for rate design changes?

A. While Staff understands SSVEC's proposal of phasing in the increase over four years, Staff is concerned that a longer phase-in period would increase customer confusion and that customers may perceive the four phases to be incremental increases rather than one increase phased over four years. Also, Staff is concerned that SSVEC may incur increased communication costs with informing customers of anticipated rate changes as the time nears in each of the four years.

However, Staff recognizes the need to avoid implementing increases all at once and the benefit of spreading the increases over multiple years. To alleviate some of the above concerns, Staff proposes a two-year phase in of new rates. Similar to SSVEC, Staff proposes a service availability charge increase at the same time as the energy charge decreases, thereby minimizing the overall bill impact.

Q. Is SSVEC's cost per customer analysis in Schedule G-6.3 useful in evaluating its proposed service availability charges?

A. Yes. If the goal of a restructuring of rate design is to more accurately recover fixed costs through a service availability charge, Schedule G-6.3 (as can be seen in Exhibit RSP-1) of the COSS is useful. Schedule G-6.3 details the monthly cost per consumer broken down into purchased power demand, purchased power energy, distribution (wires), and total customer costs (which includes such items as billing and metering).

For example, SSVEC has indicated that it incurs $25.97 per month per residential customer in fixed monthly customer costs. Other fixed costs incurred for residential customers include distribution system (wires, poles, etc.) and the fixed portion of purchased power charges paid primarily to Arizona Electric Power Cooperative ("AEPCO"), SSVEC's generation and

transmission provider, on a monthly basis. In a perfect recovery situation, SSVEC would assess a service availability charge which fully recovers its fixed costs as shown in the table below. In a practical application of rates to recover costs, Staff has considered the impact on the consumer of an increased service availability charge and gradual recovery of those fixed costs.

SSVEC's Fixed Costs Categories*	$
Fixed Purchased Power Costs	$29.22
Distribution (Wires) Costs	$25.05
Total Customer Costs	$25.97
TOTAL RESIDENTIAL FIXED COSTS	$80.24

*Detail is also available on Exhibit RSP-1.

RESIDENTIAL

Q. Please describe the Residential Service Rate Schedule.

A. Residential Service in SSVEC's territory is available for residential use to single family dwellings where all service is supplied at one point of delivery through a single line, and where energy is metered through one meter. Service is limited to individual motors of 10 horsepower ("HP") or less

Q. What changes did SSVEC propose for the Residential Service Rate Schedule?

A. For the Residential Service Rate Schedule, SSVEC is requesting an increase in the service availability charge from $10.25 to $15.00 per month in Phase 1. In Phase 2, the service availability charge would increase to $18.00, Phase 3 to $22.00, and Phase 4 to $25.00. The energy charge (the only remaining part of the residential rate structure) is decreased in each phase so that the desired revenue requirement is met with the combination of the new service availability charge and the decreased energy charge. The current energy charge is $0.126038 per kWh. In Phase 1 the energy charge would decrease to $0.117518 per kWh. In Phase 2

the energy charge would decrease to $0.112858, Phase 3 $0.106764 and in Phase 4 the energy charge proposed is $0.102038 per kWh.

Q. Did SSVEC propose any other changes for the Residential Class?

A. Yes. SSVEC proposes a new rate schedule for those residential customers with distributed generation ("DG"). The rate schedule applies to those customers who had DG installed on or before April 14, 2015, which represents the date indicated in the net metering application Docket No. E-01575A-15-0127. These customers would see a change in the service availability charge from $10.25 to $25.00 per month in Phase 1. In Phase 2, the service availability charge would increase to $33.00, Phase 3 to $40.00, and Phase 4 to $50.00. The energy charge will not change throughout the four phases. It is currently $0.126038 per kWh and is proposed to be lowered to $0.119768 per kWh.

SSVEC also proposed a new rate schedule for those residential customers with DG that was installed after April 14, 2015. These customers would see an increase in the service availability charge from $10.25 to $25.00 per month in Phase 1. In Phase 2, the service availability charge would increase to $33.00, Phase 3 to $40.00, and Phase 4 to $50.00. The energy charge would decrease slightly throughout the four phases. It is currently $0.126038 per kWh and is proposed to be lowered to $0.107617 per kWh in Phase 1, $0.095467 per kWh in Phase 2, $0.083316 per kWh in Phase 3, and $0.071165 per kWh in Phase 4.

One other change within the Residential Class is the addition of a new Residential Auxiliary Service. Customers who qualify for this rate schedule are currently General Service customers with individually metered water wells, shops, and barns requiring less than 50 kVA transformer capacity but located on residential properties. SSVEC is proposing to move the General Service customers meeting the above qualifications to the Residential Auxiliary

Service tariff. These customers are currently paying a service availability charge of $16.50. SSVEC is proposing to increase the service availability charge to $20.00 in Phase 1, $23.00 in Phase 2, $25.00 in Phase 3 and 4. The billing demand charge which was previously applicable at the 10 kW level would now be applicable at the 3 kW level with the first 3 kW billed at $3.50 per kW and every kW over 3 kW billed at $10.00 per kW. The energy charge would decrease each year to a level of $0.092420 per kWh in Phase 4.

Q. Please describe the Residential Time-Of-Use ("TOU") Service Rate Schedule.

A. Residential TOU Service in SSVEC's territory is available for residential use of 10 HP or less to single family dwellings where all service is supplied at one point of delivery through a single line and energy is metered through one meter. TOU customers' rates vary for usage during on-peak time versus usage during off-peak time.

Q. What changes did SSVEC propose for the TOU Residential Service Rate Schedule?

A. SSVEC is requesting no change in the service availability charge for the Residential TOU Rate Schedule during Phase 1 (the current service availability charge is $16.50 per month). In Phase 2, the service availability charge would increase to $19.50, Phase 3 to $23.50, and Phase 4 to $26.50. The energy charge has been increased for the on-peak kWh usage from $0.169037 per kWh to $0.219563 in Phase 1, $0.214903 in Phase 2, $0.208809 in Phase 3 and $0.204083 in Phase 4. The off-peak rate has been reduced from $0.101727 currently to $0.082933 in Phase 1, $0.078273 in Phase 2, $0.072179 in Phase 3 and $0.067453 in Phase 4. The revenue requirement is met with the change in Phase 1 rates and each subsequent change is revenue neutral.

Q. What are the Residential Class customer costs?

A. As discussed above, Exhibit RSP-1 illustrates the fixed purchased power costs of $29.22, fixed distribution (wires) costs of $25.05 and fixed customer costs per consumer for the residential class of $25.97.

Q. Does Staff support the changes to the Residential Service Rate Schedule proposed by SSVEC?

A. Staff supports a change to the rates for the Residential Service Rate Schedule but has modified the rates.

- Staff supports a two-year phase in of rate changes (both fixed and variable) as can be seen in Exhibit RSP-2.

- Staff supports reduced subsidization of one class by another class.

- Staff proposes rates that more closely cover fixed costs from the COSS. Staff estimates its proposed rates reduce the subsidy of the residential class by approximately 10 percent.

- Staff does not support a separate rate schedule for customers with DG (no matter whether the installations were on or before April 14, 2015 or after April 14, 2015).
- For the Residential Service Rate Schedule, Staff proposes a change in the rate design. Staff's proposed rates represent a greater collection of fixed costs (as can be seen in Exhibit RSP-3) through the system availability charge, when compared to existing rates, thus leaving less of the fixed costs to be recovered through the variable energy charge. This change provides a greater assurance that a larger portion of fixed costs

(all total customer costs and a portion of the distribution fixed costs from the COSS) will be recovered by SSVEC than in the past.

Given that a three-part rate is not an option for rate design for SSVEC residential customers at this point in time, Staff is proposing an increase in the system availability charge for all residential customers and a decrease in the energy charge at the same time. As indicated on Exhibit RSP-4, the estimated bill impact of this increase for the average usage residential customer using 668 kWh is $3.51 per month. This represents a 3.89 percent increase for the average usage Residential customer.

As can be seen in the table below, Staff is proposing the residential system availability charge increase from $10.25 to $18.25 in year one and an increase to $27.00 in year two. At the same time, Staff's proposed energy charge for Residential customers would decrease from $0.126038 to $0.113053 per kWh in year one and again decrease to $0.100028 per kWh in year two. The proposed revenue requirement for the residential class would be met in year one. The decrease to the energy charge in year two would offset the increase in the service availability charge.

Staff's Proposed Residential Service Rates

	Year One	Year Two
Service Availability Charge	$18.25	$27.00
Energy Charge (per kWh)	$0.113053	$0.100028
Monthly Bill Impact for an Average Residential Customer	**$3.51**	**$0.05**

Q. Does Staff support the changes to the Residential TOU Service Rate Schedule proposed by SSVEC?

A. Staff supports a change to the rates for the Residential Service TOU Rate Schedule but has modified the rates. Staff's proposed rates represent a greater collection of fixed costs through

the service availability charge, thus leaving less of the fixed costs to be recovered through the variable energy charge.

Given that a three-part rate may not be an option for rate design for SSVEC residential TOU customers at this point in time, Staff is proposing an increase in the system availability charge for all residential TOU customers and a decrease to the energy charge at the same time. As indicated on Exhibit RSP-4, the estimated bill impact of this increase for the average usage residential TOU customer is $6.30 per month. This represents a 3.91 percent increase for residential TOU customers.

As can be seen in the table below, Staff is proposing the residential TOU system availability charge increase from $16.50 to $22.50 and year two would increase to $28.50. Staff's proposed energy charge for on-peak kWh usage would increase from $0.169037 to $0.175000 in year one and then decrease to $0.170100 in year two. The energy charge for off-peak kWh would decrease from $0.101727 to $0.061000 in year 1 and decrease again to $0.053200 in year two.

Staff's Proposed Residential TOU Service Rates

	Year One	Year Two
Service Availability Charge	$22.50	$28.50
On-Peak Energy Charge (per kWh)	$0.175000	$0.170100
Off-Peak Energy Charge (per kWh)	$0.061000	$0.053200

Q. Does Staff support the addition of the Residential Auxiliary Rate Schedule?

A. Yes. Staff understands that while these services are not directly connected to a residential dwelling, they are services provided within the residential property for the residential customer (but may be services more typically associated with commercial services within SSVEC's service territory).

The establishment of a Residential Auxiliary Rate Schedule will affect slightly fewer than 2,000 General Service customers who have individual metered water wells, shops, and barns requiring less than 50 kVA transformer capacity. These customers have not been notified of the shift from a General Service Rate Schedule to the Residential Auxiliary Rate Schedule. Staff recommends that if this proposal is approved, SSVEC notify in writing each customer of the change in rate schedule status, with an explanation of the effects for those customers of this change. Incorporated into this notice should be an explanation to the customer of the grounds for refusal of establishment of service in accordance with R14-2-203(C)(1).

Staff agrees with the rates proposed by SSVEC with a slight modification to implement the rates in a two-year period rather than phases over four years. The proposed service availability charge would increase from $16.50 to $20.00 in year one and to $25.00 in year two. The energy charge is currently $0.118338 per kWh. This charge would decrease to $0.110659 in year one and $0.092420 per kWh in year two. At the same time, the billing demand level will decrease from 10 kW to 3 kW. Staff proposes for year one the billing demand for the first 3 kW be $1.50 per kW while over 3 kW be $8.00 per kW. In year two the billing demand for the first 3 kW will increase to $3.50 per kW and kW over 3 will be $10.00 per kW.

Customers who would be transitioned to the Residential Auxiliary Rate Schedule are currently General Service customers. As can be seen in Exhibit RSP-1 on page 4, the fixed purchased power costs are $63.98. The fixed costs associated with the distribution (wires) are $74.93 and the fixed customer costs per consumer for the General Service class are $25.72.

SSVEC's Fixed Costs Categories*	**$**
Fixed Purchased Power Costs	$63.98
Distribution (Wires) Costs	$74.93
Total Customer Costs	$25.72
TOTAL GENERAL SERVICE FIXED COSTS	$164.63

*Detail is also available on Exhibit RSP-1.

As discussed above, the Residential, General Service, and Lighting classes are experiencing a negative or low rate of return. Staff's rate design supports moving customer classes in the direction of more closely covering the costs to serve that class. By increasing the service availability charge and billing demand rate, and setting a billing demand level of 3 kW for the General Service class (including Residential Auxiliary customers as they are currently part of the General Service class), the General Service class is taking steps to move closer to recovering those customer fixed costs in this rate case.

Staff's Proposed Residential Auxiliary Service Rates

	Year One	Year Two
Service Availability Charge	$20.00	$25.00
Demand Charge, First 3 kW (per kW)	$1.50	$3.50
Demand Charge, Over 3 kW (per kW)	$8.00	$10.00
All kWh	$0.110659	$0.092420

GENERAL SERVICE

Q. Please describe the General Service Rate Schedule.

A. General Service in SSVEC's territory is available for all commercial customers who require less than 50 kVA transformer capacity located along the distribution lines of SSVEC for single or three phase service. All service is supplied at one point of delivery through a single line, and energy is metered through one meter.

Q. What changes did SSVEC propose for the General Service Rate Schedule?

A. SSVEC is requesting to increase the service availability charge for the General Service Rate Schedule (the current service availability charge is $16.50 per month). In Phase 1, the service availability charge would increase to $20.00, Phase 2 to $23.00, Phase 3 to $25.00, and stay at $25.00 for Phase 4. The level of billing demand would be 3 kW with the first 3 kW billed at $1.50 per kW in Phase 1, increase to $2.50 in Phase 2, $3.50 in Phase 3 and stay at $3.50 for Phase 4. Any billing demand kW over 3 would be billed $8.00 per kW in Phase 1, $9.00 in Phase 2, $10.00 in Phase 3, and stay at $10.00 for Phase 4. The energy charge which is currently $0.118338 per kWh would increase to $0.110659 (whether it is demand billed or non-demand billed) in Phase 1, $0.100991 in Phase 2, $0.092420 in Phase 3 and stay at $0.092420 for Phase 4.

Q. Did SSVEC propose any other changes for the General Service Class?

A. Yes. As explained above, SSVEC requested the addition of the Residential Auxiliary Rate Schedule. Current General Service customers who meet the availability and applicability sections of the Residential Auxiliary Rate Schedule would be moved to the new Residential Auxiliary Rate Schedule.

In addition, SSVEC proposed eliminating the existing General Power Service RV Parks tariff within the General Service Class. SSVEC indicated in its application that the Large Power Rate Schedule is applicable and similar to the rate structure of the General Power Service RV Parks tariff. All existing customers on this tariff will be transferred to the Large Power Rate Schedule.[7]

Q. What are the General Service Class customer costs?

A. As discussed above and detailed in the table below, Exhibit RSP-1 on page 4 details the fixed purchased power costs are $63.98. The fixed distribution (wires) costs are $74.93 and the fixed customer costs per consumer for the General Service class are $25.72.

SSVEC's Fixed Costs Categories*	$
Fixed Purchased Power Costs	$63.98
Distribution (Wires) Costs	$74.93
Total Customer Costs	$25.72
TOTAL GENERAL SERVICE FIXED COSTS	$164.63

*Detail is also available on Exhibit RSP-1.

Q. Does Staff support the changes to the General Service Rate Schedule proposed by SSVEC?

A. Staff supports SSVEC's proposed changes to the rates for the General Service rate schedule, but has modified the implementation timeframe.

- Staff supports a two-year phase in of rate changes (both fixed and variable) as can be seen in Exhibit RSP-2. The proposed overall revenue requirement for the General Service class would be achieved in year one, and year two rate changes would not affect General Service class revenue.

[7] Hedrick Direct page 30 lines 17-19.

- Staff supports reduced subsidization of one class by another class.

- Staff proposes rates that more closely cover fixed costs from the COSS.

- As indicated above, Staff supports the creation of the Residential Auxiliary Rate Schedule and the transfer of qualifying General Service customers to that rate schedule.

- For the General Service rate schedule (including customers with DG), Staff proposes a change in the rate design by implementing the rates in a two-year period rather than four phases over four years. Staff's proposed rates represent a greater recovery of fixed costs over a two-year period through the service availability charge, billing demand charge, and lower billing demand level, thus leaving less of the fixed costs to be recovered through the variable energy charge.

As can be seen in the table below, Staff proposes that the service availability charge for General Service would go from $16.50 to $20.00 in year one and to $25.00 in year two. The energy charge is currently $0.118338 per kWh. This charge would decrease to $0.110659 in year one and $0.092420 per kWh in year two. At the same time the billing demand level will drop from 10 kW to 3 kW.

Staff proposes for year one the billing demand for the first 3 kW be $1.50 per kW while over 3 kW be $8.00 per kW. In year two, the billing demand for the first 3 kW will increase to $3.50 per kW and kW over 3 will be at $10.00 per kW. As can be seen in Exhibit RSP-4, the estimated bill impact of this increase for the average usage general service customer is $9.18 per month. This represents a 6.98 percent increase for General Service customers.

Staff's Proposed General Service Rates

	Year One	Year Two
Service Availability Charge	$20.00	$25.00
Demand Charge, First 3 kW (per kW)	$1.50	$3.50
Demand Charge, Over 3 kW (per kW)	$8.00	$10.00
All kWh	$0.110659	$0.092420

Q. Please describe the General Service TOU Rate Schedule.

A. General Service TOU in SSVEC's territory is available for all commercial customers who require less than 50 kVA transformer capacity located along the distribution lines of SSVEC for single or three phase service. All service is supplied at one point of delivery through a single line, and energy is metered through one meter. TOU customers' rates vary for kW during on-peak time versus total kWh and total metered kW.

Q. Does Staff support the changes to the General Service TOU Rate Schedule proposed by SSVEC?

A. Staff supports SSVEC's proposed changes to the rates for the General Service TOU Rate Schedule but has modified the timeframe by implementing the rate changes over a two-year period compared to four phases proposed by SSVEC.

As can be seen in the table below, Staff proposes that in year one the service availability charge would increase from $18.00 to $22.00 and in year two would increase to $27.00. The metered kW charge (billing demand) would be $1.50 for the first 3 kW in year one and would increase to $3.50 in year two. The billed on peak kW would remain at $18.50 per kW. The energy charge would increase from $0.090972 to $0.59862 per kWh in year one and then decrease to $0.041623 per kWh in year two. As indicated in Exhibit RSP-4, the estimated bill impact of this increase for the average usage General Service TOU customer is $2.65 per month. This represents a 2.29 percent increase for General Service TOU customers.

Staff's Proposed General Service TOU Rates

	Year One	Year Two
Service Availability Charge	$22.00	$27.00
Metered kW	$1.50	$3.50
On-Peak Capacity Charge, per billing kW	$18.50	$18.50
All kWh	$0.059862	$0.041623

Q. Does Staff support the changes to the General Power Service RV Parks Rate Schedule proposed by SSVEC?

A. Staff supports the elimination of the General Power Service RV Parks Rate Schedule. The existing General Power Service RV Parks Rate Schedule is open to all RV parks located along the existing distribution lines for SSVEC. The RV Parks are either a single phase or three phase service and have a monthly billing capacity of 50 kVA or greater. The Large Power Service Rate Schedule is similar in availability and billing components as the RV Parks Rate Schedule, with the exception of a one-year contracting requirement which SSVEC has proposed eliminating from the Large Power Service Rate Schedule.

According to SSVEC, there are currently twelve customers on this rate schedule. The customers have not been notified of the shift from a General Power Service RV Parks Rate Schedule to the Large Power Service Rate Schedule. Staff recommends that if this proposal is approved, SSVEC notify in writing each customer of the change in rate schedule status with an explanation of the effects for those customers of this change. Incorporated into that notice should be detail of the new rate structure and the bill impact of approximately a 2.59 percent increase for the average usage customer.

Q. Please describe the Unmetered Service Schedule.

A. Unmetered Service in the General Service class of customers is open to customers with constant monthly demand and energy requirements. In addition, monthly demand may not exceed 1.5 kW. The fixed monthly energy usage is calculated based on a 730 hour month.

Q. Does Staff support the changes to the General Service Unmetered Rate Schedule proposed by SSVEC?

A. Staff supports SSVEC's proposed changes to the rates for the General Service Unmetered Rate Schedule, but has modified the timeframe by implementing the rate changes over a two-year period rather than the four phases proposed by SSVEC. As can be seen in the table below, Staff proposes that the service availability charge increase from $16.50 to $24.50 in year one to $35.50 in year two. The energy charge would increase from $0.091859 per kWh to $0.096735 in year one and decrease to $0.078496 in year two.

Staff's Proposed Unmetered Service Rates

	Year One	Year Two
Service Availability Charge	$24.50	$35.50
Energy Charge (per kWh)	$0.096735	$0.078496

LARGE POWER

Q. Please describe the Large Power Service Rate Schedule.

A. Large Power Service in SSVEC's territory is available for all large power customers who demonstrate or elect to pay a monthly billing minimum of 50 kVA transformer capacity located along the distribution lines of SSVEC for single or three phase service. All service is supplied at one point of delivery through a single line and energy is metered through one meter. The existing tariff requires service to be on a twelve-month, non-seasonal basis and is not available to Irrigation customers.

Q. What changes did SSVEC propose to the Large Power Service Rate Schedule?

A. SSVEC is requesting no changes to the service availability charge for the Large Power Service Rate Schedule (the current service availability charge is $55.00 per month). The billed kVA is currently $7.05 per kVA and will increase to $8.00 per kVA in Phase 1 and would remain at that level through Phase 4. The energy charge which is currently $0.079844 per kWh would be $0.073020 in Phase 1 and remain at that level through Phase 4.

Q. Did SSVEC propose any other changes for the Large Power Service Class?

A. Yes. SSVEC requested the elimination of the Seasonal Power Service Rate Schedule. SSVEC indicated in its application that there is no reason for maintaining a separate rate schedule for seasonal large power customers. All existing customers would be transferred to the Large Power Rate Schedule.[8]

Q. What are the Large Power Service class customer costs?

A. As discussed above and detailed in the table below, Exhibit RSP-1 on page 4 illustrates the fixed purchased power costs per consumer for the Large Power Service class are $1,291.96. The fixed distribution (wires) costs are $926.09 and the fixed customer costs per consumer are $53.35.

SSVEC's Fixed Costs Categories*	$
Fixed Purchased Power Costs	$1,291.96
Distribution (Wires) Costs	$926.09
Total Customer Costs	$53.35
TOTAL LARGE POWER FIXED COSTS	$2,271.40

*Detail is also available on Exhibit RSP-1.

[8] Hedrick Direct page 31 lines 19-22.

Q. Does Staff support the changes to the Large Power Service Rate Schedule proposed by SSVEC?

A. Staff supports SSVEC's proposed changes to the rates for the Large Power Service rate schedule but has modified the timeframe for implementation.

- Staff supports a two-year phase in of rate changes (both fixed and variable) as can be seen in Exhibit RSP-2. The proposed overall revenue requirement for the Large Power Service class would be achieved in year one and year two rate changes would be revenue neutral.

- For the Large Power Service rate schedule (including customers with DG), Staff proposes a modification to the rate design proposed by SSVEC by implementing the rates in a two-year period rather than phases over four years. Staff's proposed rates represent a slight increase in the collection of fixed costs over a two-year period through an increase in the billed demand thus reducing the fixed costs to be collected through the variable energy charge.

As can be seen in the table below, Staff proposes the service availability charge stay at $55.00. The billed demand would increase from $7.05 per kVA to $8.00 per kVA in year one and remain the same for year two. The energy charge is currently $0.079844 per kWh. This charge would decrease to $0.073020 in year one and remain the same for year two. As indicated in Exhibit RSP-4, the estimated bill impact of this increase for the average usage large power customer is $75.52 per month. This represents a 2.80 percent increase for the Large Power customer.

Staff's Proposed Large Power Service Rates

	Year One	Year Two
Service Availability Charge	$55.00	$55.00
Demand Charge per kVA	$8.00	$8.00
Energy Charge per kWh	$0.073020	$0.073020

Q. Please describe the Large Power Service TOU Rate Schedule.

A. Large Power TOU Service in SSVEC's territory is available for all large power customers who demonstrate or elect to pay a monthly billing minimum of 50 kVA transformer capacity located along the distribution lines of SSVEC for single or three phase service. All service is supplied at one point of delivery through a single line and energy is metered through one meter. The existing tariff requires service to be on a twelve-month, non-seasonal basis and is not available to Irrigation customers. TOU customers' rates vary with on-peak and off-peak capacity charges.

Q. What changes did SSVEC propose to the Large Power Service TOU Rate Schedule?

A. SSVEC is requesting no changes to the service availability charge for the Large Power Service TOU Rate Schedule (the current service availability charge is $55.00 per month). The on-peak billed kVA is currently $17.15 per kVA and would increase to $20.00 per kVA in Phase 1 and remain at that level through Phase 4. The off-peak billed kVA is currently $4.15 per kVA and would decrease to $4.00 per kVA in Phase 1 and remain the same through Phase 4. The energy charge, which is currently $0.055515 per kWh, would decrease to $0.047046 in Phase 1 and remain at that level through Phase 4.

Q. Does Staff support the changes to the Large Power TOU Rate Schedule proposed by SSVEC?

A. Staff supports SSVEC's proposed changes to the rates for the Large Power TOU Rate Schedule but has modified the timeframe by implementing the rate changes over a two-year period rather than over four phases as proposed by SSVEC.

As can be seen in the table below, Staff proposes the service availability charge would stay at $55.00. The billed on-peak billed demand would increase from $17.15 per kVA to $20.00 per kVA in year one and remain the same for year two. The off-peak billed demand would increase from $4.15 per kVA to $4.00 per kVA in year one and remain the same for year two. The energy charge is currently $0.055515 per kWh. This charge would decrease to $0.047046 in year one and remain the same for year two. As indicated in Exhibit RSP-4, the estimated bill impact of this change for the average Large Power TOU customer is a slight decrease of $17.47 per month. This represents a 1.41 percent decrease for the Large Power TOU customers.

Staff's Proposed Large Power Service TOU Rates

	Year One	Year Two
Service Availability Charge	$55.00	$55.00
On-Peak kVA	$20.00	$20.00
Off-Peak kVA	$4.00	$4.00
All kWh	$0.047046	$0.047046

Q. Does Staff support the changes to the Seasonal Power Service Rate Schedule proposed by SSVEC?

A. Staff supports the elimination of the Seasonal Power Service Rate Schedule. The existing Seasonal Power Service Rate Schedule is similar in availability and applicability to the Large Power Service Rate Schedule and would meet the needs of the Seasonal Power Service customers. The proposed tariff language submitted by SSVEC in its Application, removes a

one-year contract requirement for service under the Large Power tariff from the "Availability" section. Staff is in agreement with this change and recommends the one-year restriction be removed and that the Seasonal Power Service Rate Schedule be eliminated.

According to SSVEC, there are currently no customers on this rate schedule. No one has been notified of the shift from a Seasonal Power Service Rate Schedule to the Large Power Service Rate Schedule. Staff recommends that if this proposal is approved, SSVEC notify in writing any customer then on the rate (at the time of the effectiveness of a decision in this rate case) of the change in rate schedule status with an explanation of the effects for those customers of this change. Incorporated into that notice is detail of the new rate structure and the bill impact of roughly a 9.11 percent decrease for the average usage customer.

Q. Please describe the Industrial Power Service Rate Schedule.

A. Industrial Power Service in SSVEC's territory is available for all industrial customers who demonstrate or elect to pay a monthly billing minimum of 500 kVA transformer capacity located along the distribution lines of SSVEC for single or three phase service. This rate schedule is not available to RV Parks.

Q. What changes did SSVEC propose to the Industrial Power Service Rate Schedule?

A. SSVEC is requesting that the service availability charge increase from $233.50 (the existing rate) to $400.00 in Phase 1 and remain the same through Phase 4. The demand charge per billing kVA is currently $6.45 per kVA and would increase to $7.00 per kVA in Phase 1 and remain at that level through Phase 4. The rate for the first 400 kWh per billed kVA is currently $0.079830. This rate decreases to $.073135 in Phase 1 and remains the same through the remaining phases. The rate for any kWh over 400 is currently $0.050730. This rate decreases to $0.046746 in Phase 1 and remains the same through the remaining phases.

Q. Does Staff support the changes to the Industrial Power Service Rate Schedule proposed by SSVEC?

A. Staff supports SSVEC's proposed changes to the rates for the Industrial Power Service Rate Schedule, but has modified the timeframe by implementing the rate changes over a two-year period compared to four phases.

As can be seen in the table below, Staff proposes the service availability charge would increase from $233.50 to $400.00 in year one and remain the same for year two. The billed demand would increase from $6.45 per kVA to $7.00 per kVA in year one and remain the same for year two. The first 400 kWh per billing kVA would decrease from $0.079830 to $0.073135 per kWh in year one and remain the same for year two. The kWh over 400 per billing kVA would decrease from $0.050730 to $0.046746 per kWh in year one and remain the same in year two. As indicated in Exhibit RSP-4, the estimated bill impact of this increase for the average usage Industrial customer is $506.82 per month. This represents a 1.98 percent increase for Industrial customers.

Staff's Proposed Industrial Power Service Rates

	Year One	Year Two
Service Availability Charge	$400.00	$400.00
Demand Charge per billing kVA	$7.00	$7.00
First 400 kWh per billing kVA	$0.073135	$0.073135
Over 400 kWh per billing kVA	$0.046746	$0.046746

IRRIGATION

Q. Please describe the Irrigation Service Rate Schedule.

A. Irrigation Service in SSVEC's territory is available for all irrigation, commercial and municipal water systems in SSVEC's territory. All service should only be used for irrigating land for

agricultural purposes and to run the pumps used for commercial and municipal water systems.

Q. What changes did SSVEC propose to the Irrigation Service Rate Schedule?

A. SSVEC is requesting no changes to the service availability charge for the Irrigation Service Rate Schedule (the current service availability charge is $30.00 per month). The capacity charge for April-October per billing kVA is currently $7.15 per billing kVA and would increase to $8.25 per billing kVA in Phase 1 and remain the same through Phase 4. The energy charge for all kWh April-October would decrease from $0.088509 currently to $0.082502 in Phase 1 and stay the same through Phase 4. The energy charge for November-March for the first 300 kWh per kVA would decrease from $0.114209 per kWh to $0.108284 in Phase 1 and stay the same through Phase 4. The energy charge for November-March for kWh over 300 per kVA would decrease from $0.087209 to $0.081198 in Phase 1 and stay the same through Phase 4.

Q. What are the Irrigation class customer costs?

A. The table below illustrates the fixed purchased power costs per consumer for the Irrigation class are $127.69. The fixed distribution (wires) costs are $510.94 and the fixed costs associated with the total customer costs are $36.94.

SSVEC's Fixed Costs Categories*	$
Fixed Purchased Power	$127.69
Distribution (Wires) Costs	$510.94
Total Customer Costs	$36.94
TOTAL IRRIGATION FIXED COSTS	$675.57

*Detail is also available on Exhibit RSP-1.

Q. Does Staff support the changes to the Irrigation Service Rate Schedule proposed by SSVEC?

A. Staff supports SSVEC's proposed changes to the rates for the Irrigation Service rate schedule, but has modified the timeframe for implementation.

- Staff supports a two-year phase in of rate changes (both fixed and variable) as can be seen in Exhibit RSP-2. The proposed overall revenue requirement for the Irrigation Service class would be achieved in year one, and year two rate changes would be revenue neutral.

- Staff proposes rates that more closely cover fixed costs from the COSS. The Irrigation class has a relative rate of return well above 1.0. SSVEC has proposed minimal increases in rates for this class. Staff agrees that minimal overall rate class increases are appropriate, as the Irrigation class is well above a rate of return of 1.0.

- For the Irrigation Service rate schedule (including customers with DG), Staff proposes to modify the rate design proposed by SSVEC by implementing the rates over two years rather than in phases over four years.

As can be seen in the table below, Staff proposes the service availability charge stay at $30.00. The capacity charge in April through October would increase from $7.15 per kVA to $8.25 per kVA in year one and remain the same for year two. The energy charge for the first 300 kWh per kVA in November through March would increase from $0.114209 per kWh to $0.108284 per kWh in year one and remain the same for year two. The energy charge for the kWh over 300 kWh per kVA in November through March would increase from $0.087209 per kWh to $0.081198 in year one and remain the same for year two. The kWh charge for April through October would go from $0.088509 per kWh to $0.082502 per kWh in year one and remain the same for year two. As indicated in Exhibit RSP-4, the estimated bill impact of

this increase for the average usage irrigation customer is $42.43 per month. This represents a 3.06 percent increase for Irrigation customers.

Staff's Proposed Irrigation Service Rates

	Year One	Year Two
Service Availability Charge	$30.00	$30.00
Capacity Charge (Apr-Oct) per billing kVA	$8.25	$8.25
First 300 kWh per billing kVA (Nov-Mar)	$0.108284	$0.108284
Over 300 kWh per billing kVA (Nov-Mar)	$0.081198	$0.081198
Energy Charge all kWh (Apr-Oct)	$0.082502	$082502

Q. Please describe the Irrigation Load Factor Service Rate Schedule.

A. This rate schedule is an optional rate under the Irrigation Service Rate Schedule. Customers participating in this load factor service must be willing to guarantee minimum monthly load factor usage and must be connected for a minimum of five consecutive months.

Q. What changes did SSVEC propose to the Irrigation Load Factor Service Rate Schedule?

A. SSVEC is requesting no changes to the service availability charge for the Irrigation Load Factor Service Rate Schedule (the current service availability charge is $35.00 per month). The energy charge would decrease from $0.094120 currently to $0.088131 in Phase 1 and stay the same through Phase 4.

Q. Does Staff support the changes to the Irrigation Load Factor Rate Schedule proposed by SSVEC?

A. Staff supports SSVEC's proposed changes to the rates for the Irrigation Load Factor Rate Schedule, but has modified the rates by implementing them over two years compared to four phases proposed by SSVEC.

As can be seen in the table below, Staff proposes the service availability charge would stay at $35.00. The energy charge is currently $0.094120 per kWh and will decrease to $0.088131 per kWh in year one and remain the same for year two.

Staff's Proposed Irrigation Load Factor Service Rates

	Year One	Year Two
Service Availability Charge	$35.00	$35.00
Energy Charge all kWh	$0.088131	$0.088131

Q. Please describe the Controlled Irrigation Service Rate Schedule.

A. This rate schedule is available to irrigation customers with an installed capacity of 10 HP. Service under this rate schedule is limited to the amount of load SSVEC can control for peak shaving purposes through radio-controlled switch equipment. Control options are weekly, twice-weekly, or daily.

Q. What changes did SSVEC propose to the Controlled Irrigation Service Rate Schedule?

A. SSVEC is requesting no changes to the service availability charge for the Controlled Irrigation Service Rate Schedule (the current service availability charge is $30.00 per month). The energy charge for the first 300 kWh per kVA would decrease from $0.110979 to $0.105044 in Phase 1 and remain the same through Phase 4. The energy charge for kWh over 300 per kVA would decrease from $0.083679 per kWh to $0.077657 in Phase 1 and remain the same through Phase 4. The override penalty per kW would increase from $19.00 per kW to $20.00 in Phase 1 and remain the same through Phase 4. The discount applicable to the level of control agreed upon will remain the same at 5 percent for weekly controlled, 10 percent for twice-weekly controlled, and 17 percent for daily controlled.

Q. Does Staff support the changes to the Controlled Irrigation Service Rate Schedule proposed by SSVEC?

A. Staff supports SSVEC's proposed changes to the rates for the Weekly Controlled Irrigation Service Rate Schedule but has modified the timeframe by implementing the rate changes over a two-year period compared to four phases proposed by SSVEC.

As can be seen in the table below, Staff proposes the service availability charge would stay at $30.00. The override kW charge would increase from $19.00 per kW to $20.00 per kW in year one and remain the same for year two. The first 300 kWh per kVA would increase from $0.110979 per kWh to $0.105044 in year one and remain the same for year two. The kWh over 300 per kVA would increase from $0.083679 per kWh to $0.077657 per kWh in year one and remain the same for year two. The discount for the first 300 kWh per kW will remain at 5 percent for the weekly controlled, 10 percent for the twice-weekly controlled, and 17 percent for the daily controlled. As indicated in Exhibit RSP-4, the estimated bill impact of this increase for the average usage weekly controlled irrigation customer ranges from $5.86-$6.66 per month. This represents approximately a 0.31 percent increase for Controlled Irrigation customers.

Staff's Proposed Controlled Irrigation Service Rates

	Year One	Year Two
Service Availability Charge	$30.00	$30.00
Override Penalty per kW	$20.00	$20.00
First 300 kWh per kVA	$0.105044	$0.105044
Over 300 kWh per kVA	$0.077657	$0.077657
Discount Weekly Controlled	5%	5%
Discount Twice-Weekly Controlled	10%	10%
Discount Daily Controlled	17%	17%

Q. Please describe the Interruptible Irrigation Service Rate Schedule.

A. This rate schedule is available to irrigation customers and commercial and municipal systems with installed capacity of 100 HP. Customers under this rate schedule are subject to daily control so SSVEC can effectively control for peak shaving purposes.

Q. What changes did SSVEC propose to the Interruptible Irrigation Service Rate Schedule?

A. SSVEC is requesting no changes to the service availability charge for the Interruptible Irrigation Service Rate Schedule (the current service availability charge is $30.00 per month). The energy charge would decrease from $0.087737 to $0.081728 in Phase 1 and remain the same through Phase 4. The override penalty per kW would increase from $19.00 per kW to $20.00 in Phase 1 and remain the same through Phase 4.

Q. Does Staff support the changes to the Interruptible Irrigation Service Rate Schedule proposed by SSVEC?

A. Staff supports SSVEC's proposed changes to the rates for the Interruptible Irrigation Service Rate Schedule but has modified the timeframe by implementing the rate changes over a two-year period compared to four phases proposed by SSVEC.

As can be seen in the table below, Staff proposes the service availability charge stay at $30.00. The override kW charge would increase from $19.00 per kW to $20.00 per kW in year one and remain the same for year two. The energy charge per kWh would increase from $0.087737 to $0.081728 and remain the same for year two. As indicated in Exhibit RSP-4, the estimated bill impact of this increase for the average usage interruptible irrigation customer is $6.33 per month. This represents a 0.32 percent increase for interruptible irrigation customers.

Staff's Proposed Interruptible Irrigation Service Rates

	Year One	Year Two
Service Availability Charge	$30.00	$30.00
Override Penalty per kW	$20.00	$20.00
First 300 kWh Energy Charge	$0.081728	$0.081728

Q. Did SSVEC propose any other changes to the Irrigation Rate Class?

A. Yes. SSVEC proposed tariff language changes to the "Other Conditions" section of the Controlled Irrigation Service Rate Schedule. SSVEC requested to insert language into the paragraph detailing the exact cost of the control equipment. The control equipment needed under the Controlled Irrigation Rate Schedule is estimated to cost $235 in equipment costs for the radio control units and $192 for labor to install the units. SSVEC also indicated that it incurs travel costs associated with the travel of a 2-man crew to install the radio control units. SSVEC is requesting to insert language which states the Customer will pay a one-time charge of $425 and a mileage fee of $4.50/mile for the travel time.

Q. Does Staff agree with the changes proposed to the "Other Conditions" section of the Controlled Irrigation Rate Schedule requested by SSVEC?

A. While Staff appreciates SSVEC's attempt to be more transparent in the costs that customers may incur, Staff does not agree with the language change that SSVEC has requested. SSVEC explained the costs for the control equipment are always paid by the customer. The clarification SSVEC has requested is to let the customer know up-front the costs that may be incurred. Staff's concern is when the actual costs deviate from the $425 specified in the proposed tariff language. Staff recommends keeping the language currently in effect in its approved Controlled Irrigation tariff as this language allows SSVEC to collect the actual costs associated with the control equipment rather than an estimate of $425. If SSVEC is concerned the customer would need to know the costs in advance of installation, SSVEC may want to consider providing an estimate of the costs prior to the installation.

If there are issues that SSVEC has encountered in relation to these control equipment costs, SSVEC should indicate those issues in its rebuttal testimony and explain further why this proposed language is necessary to clear up the issues.

SECURITY AND STREET LIGHTING

Q. What are the Lighting class (both Security and Street) customer costs?

A. Exhibit RSP-1 on page 4 illustrates the fixed purchased power costs per consumer are $1.40. The fixed distribution (wires) costs are $1.29 and the fixed costs associated with the total customer costs are $13.71.

SSVEC's Fixed Costs Categories*	$
Fixed Purchased Power Costs	$1.40
Distribution (Wires) Costs	$1.29
Total Customer Costs	$13.71
TOTAL LIGHTING FIXED COSTS	$16.40

*Detail is also available on Exhibit RSP-1.

Q. Does Staff support the changes to the Security Lighting Rate Schedule proposed by SSVEC?

A. Staff supports SSVEC's proposed changes to the rates for the Security Lighting Service rate schedule. The bill impact of the proposed rates can be seen in Exhibit RSP-4.

Q. Does Staff support the changes to the Street Lighting Rate Schedule proposed by SSVEC?

A. Staff supports SSVEC's proposed changes to the rates for the Security Lighting Service rate schedule. The bill impact of the proposed rates can be seen in Exhibit RSP-4.

OTHER TARIFFS

Q. Does Staff support changes to the Special Contracts proposed by SSVEC?

A. Staff has no adjustments to the negotiated contracts noted in the rate application.

Q. Did SSVEC propose any changes to its Qualified Cogeneration and Small Power Production Facilities (Schedule COGEN-1) tariff?

A. No. SSVEC did not propose any changes to COGEN-1 tariff.

Q. Did SSVEC propose any changes to its Cogeneration Qualifying Facilities (Schedule QF-1)?

A. No. SSVEC did not propose any changes to its QF-1 tariff.

CONCLUSIONS AND RECOMMENDATIONS

Q. Based upon your testimony, what are Staff's conclusions and recommendations regarding its COSS, revenue allocation, and rate design?

A. Staff's conclusions and recommendations are as follows:

Conclusions

Based on Staff's review of SSVEC's COSS, revenue allocation and rate design proposals, Staff concludes as follows:

a. That SSVEC has performed the COSS consistent with methodologies generally accepted in the industry, and developed the allocation factors appropriately.

b. That the application of the COSS model is reasonable with the exception of the customer count adjustment found in Exhibit RSP-1.

c. That the revenue allocation developed by SSVEC is reasonable.

d. That SSVEC's rate design proposals for the Residential Service Rate Schedule, Residential TOU Rate Schedule, Residential Service with DG-Existing and Residential Service with DG are unreasonable.

e. That SSVEC's rate design proposals for the Residential Auxiliary Service Rate Schedule, General Service Rate Schedule, General Service TOU Rate Schedule, Unmetered Rate Schedule, Large Power Rate Schedule, Large Power TOU Rate Schedule, Industrial Rate Schedule, Irrigation Service Rate Schedule, Irrigation Load Factor Rate Schedule, Controlled Irrigation Rate Schedules (Weekly, Twice-Weekly, and Daily), Interruptible (including Interruptible Irrigation) Rate Schedule, Security and Street Lighting Rate Schedules, and Contract Power Service Rate Schedule rate design proposals are reasonable.

f. That the rate design proposals for General Service DG, Large Power DG, Irrigation DG and Irrigation Controlled DG should not be separated from the rate design proposals for the General Service Rate Schedule, the Large Power Rate Schedule, the Irrigation Service Rate Schedule, and the Controlled Irrigation Rate Schedule as the rate design proposals are identical.

g. That the General Service RV Parks Rate Schedule should be discontinued and any customers on this schedule transferred to the Large Power Rate Schedule.

h. That the Seasonal Power Service Rate Schedule should be discontinued and any customers on this schedule transferred to the Large Power Rate Schedule.

i. That the Large Power Rate Schedule should be approved as filed by SSVEC in its application where the language requiring customers be on the schedule for a period of twelve consecutive months is removed.

j. That Staff does not support the creation of rate schedules which single out distributed generation customers.

k. That Staff supports gradual movement toward recovering fixed costs based on the cost of serving each class.

l. That Staff supports system-wide reduction in subsidies by one class of customer by other classes of customers.

m. That Staff supports the treatment of the residential class on the whole as a class which needs to gradually move toward recovering fixed costs based on the cost to serve the customer class.

n. That the currently approved language in the "Other Conditions" section of the Controlled Irrigation Schedule offers more flexibility to SSVEC to recover actual equipment costs compared to the proposed changes and the existing approved language should be retained.

Recommendations

Based on aforementioned conclusions, Staff recommends:

a. That the Commission accept SSVEC's COSS for use in this case including the changes made to RSP-1.

b. That the Commission accept the revenue allocation developed by SSVEC; however, in future rate cases, SSVEC needs to make the following two adjustments with regard to revenue and costs for the COSS:

   1. Residential Auxiliary Rate Schedule customers should be incorporated as part of the Residential class rather than the General Service class.
   2. General Service RV Parks Rate Schedule customers should be incorporated as part of the Large Power class rather than the General Service class.

c. That the proposed Residential Service with Distributed Generation-Existing Rate Schedule and Residential Service with Distributed Generation Rate Schedule not be approved.

d. That the Staff-proposed rates found in Exhibit RSP-2 and detailed in this testimony be approved.

e. That SSVEC notify in writing customers who will be transferred from the General Service Rate Schedule to the new Residential Auxiliary Rate Schedule. These customers should be informed of the timing and effects of that transition.

f. That the General Service RV Parks Rate Schedule be discontinued and customers transferred to the Large Power Service Rate Schedule.

g. That SSVEC notify in writing customers who will be transferred from the General Service RV Parks Rate Schedule to the Large Power Service Rate Schedule. These customers should be informed of the timing and effects of that transition.

h. That the Seasonal Power Service Rate Schedule be discontinued and customers transferred to the Large Power Service Rate Schedule.

i. That SSVEC notify in writing customers who will be transferred from the Seasonal Power Service to the Large Power Service Rate Schedule. These customers should be informed of the timing and implications of that transition

j. That the Large Power Rate Schedule should be revised to delete the one year service requirement as SSVEC filed in its application.

k. That SSVEC's proposal to revise the language in the "Other Conditions" section of the Controlled Irrigation Schedule not be approved.

Q. Does this conclude your direct rate design testimony?

A. Yes, it does.

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ARIZONA CORPORATION COMMISSION
UNBUNDLED COSTS W/ UNIFORM ROR ON RATE BASE
SSVEC ADJUSTED TY ENDING 12/31/2014 - REVISED
Summary of Components of Expenses

Accounts	Total	RESIDENTIAL	GENERAL SERV	LARGE POWER	IRRIGATION	LIGHTING	CONTRACTS	Ft Huachuca
Average Consumers	51,429	41,647	8,545	389	845	5,009	3	1
kWh Sold	793,021,534	335,779,118	98,846,734	141,335,112	169,688,486	3,547,884	43,824,200	0
Metered kW		0	548,348	431,407	650,924	0	92,574	0
Billed kW		0	518,599	493,080	656,554	0	123,676	0
Pur Pwr Capacity	**23,805,765**	**11,542,178**	**5,184,969**	**4,766,412**	**1,023,276**	**66,600**	**1,222,330**	**0**
Monthly Cost per Cons	38.57	23.10	50.57	1,021.08	100.91	1.11	33,953.60	0.00
Average Cost per kWh	0.030019	0.034374	0.052455	0.033724	0.006030	0.018772	0.027892	0.000000
Cost per Metered kW		0.00	9.46	11.05	1.57	0.00	13.20	0.00
Cost per Billed kW		0.00	10.00	9.67	1.56	0.00	9.88	0.00
Pur Pwr Delivery	**6,315,219**	**3,061,921**	**1,375,474**	**1,264,439**	**271,456**	**17,668**	**324,261**	**0**
Monthly Cost per Cons	10.23	6.13	13.41	270.87	26.77	0.29	9,007.25	0.00
Average Cost per kWh	0.007963	0.009119	0.013915	0.008946	0.001600	0.004980	0.007399	0.000000
Cost per Metered kW		0.00	2.51	2.93	0.42	0.00	3.50	0.00
Cost per Billed kW		0.00	2.65	2.56	0.41	0.00	2.62	0.00
Pur Pwr Energy	**22,104,679**	**9,393,372**	**2,765,223**	**3,952,571**	**4,747,011**	**99,252**	**1,147,251**	**0**
Monthly Cost per Cons	35.82	18.80	26.97	846.74	468.15	1.65	31,868.09	0.00
Average Cost per kWh	0.027874	0.027975	0.027975	0.027966	0.027975	0.027975	0.026178	0.000000
Cost per Metered kW		0.00	5.04	9.16	7.29	0.00	12.39	0.00
Cost per Billed kW		0.00	5.33	8.02	7.23	0.00	9.28	0.00
Generation Plant	**376,517**	**159,424**	**46,931**	**67,104**	**80,566**	**1,684**	**20,807**	**0**
Monthly Cost per Cons	0.61	0.32	0.46	14.38	7.95	0.03	577.98	0.00
Average Cost per kWh	0.000475	0.000475	0.000475	0.000475	0.000475	0.000475	0.000475	0.000000
Cost per Metered kW		0.00	0.09	0.16	0.12	0.00	0.22	0.00
Cost per Billed kW		0.00	0.09	0.14	0.12	0.00	0.17	0.00
Transmission Plant	**3,292,823**	**1,416,520**	**647,897**	**589,551**	**489,645**	**7,710**	**141,501**	**0**
Monthly Cost per Cons	5.34	2.83	6.32	126.30	48.29	0.13	3,930.58	0.00
Average Cost per kWh	0.004152	0.004219	0.006555	0.004171	0.002886	0.002173	0.003229	0.000000
Cost per Metered kW		0.00	1.18	1.37	0.75	0.00	1.53	0.00
Cost per Billed kW		0.00	1.25	1.20	0.75	0.00	1.14	0.00

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ARIZONA CORPORATION COMMISSION
UNBUNDLED COSTS W/ UNIFORM ROR ON RATE BASE
SSVEC ADJUSTED TY ENDING 12/31/2014 - REVISED
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Accounts	Total	RESIDENTIAL	GENERAL SERV	LARGE POWER	IRRIGATION	LIGHTING	CONTRACTS	Ft Huachuca
Average Consumers	51,429	41,647	8,545	389	845	5,009	3	1
kWh Sold	793,021,534	335,779,118	98,846,734	141,335,112	169,688,486	3,547,884	43,824,200	0
Metered kW		0	548,348	431,407	650,924	0	92,574	0
Billed kW		0	518,599	493,080	656,554	0	123,676	0
Distrib Substation	**3,933,549**	**1,618,926**	**740,474**	**673,791**	**559,610**	**8,812**	**331,937**	**0**
Monthly Cost per Cons	6.37	3.24	7.22	144.34	55.19	0.15	9,220.46	0.00
Average Cost per kWh	0.004960	0.004821	0.007491	0.004767	0.003298	0.002484	0.007574	0.000000
Cost per Metered kW		0.00	1.35	1.56	0.86	0.00	3.59	0.00
Cost per Billed kW		0.00	1.43	1.37	0.85	0.00	2.68	0.00
Distrib Backbone	**14,246,716**	**4,304,020**	**4,200,243**	**2,292,561**	**2,591,284**	**23,283**	**0**	**835,325**
Monthly Cost per Cons	23.08	8.61	40.96	491.12	255.55	0.39	0.00	69,610.43
Average Cost per kWh	0.017965	0.012818	0.042492	0.016221	0.015271	0.006562	0.000000	0.000000
Cost per Metered kW		0.00	7.66	5.31	3.98	0.00	0.00	0.00
Cost per Billed kW		0.00	8.10	4.65	3.95	0.00	0.00	0.00
Distrib Demand	**9,619,203**	**5,179,127**	**2,094,886**	**767,085**	**1,540,354**	**37,752**	**0**	**0**
Monthly Cost per Cons	15.59	10.36	20.43	164.33	151.91	0.63	0.00	0.00
Average Cost per kWh	0.012130	0.015424	0.021193	0.005427	0.009078	0.010641	0.000000	0.000000
Cost per Metered kW		0.00	3.82	1.78	2.37	0.00	0.00	0.00
Cost per Billed kW		0.00	4.04	1.56	2.35	0.00	0.00	0.00
Distrib Customer	**7,363,091**	**5,452,190**	**1,054,660**	**22,110**	**48,473**	**785,657**	**0**	**0**
Monthly Cost per Cons	11.93	10.91	10.29	4.74	4.78	13.07	0.00	0.00
Average Cost per kWh	0.009285	0.016237	0.010670	0.000156	0.000286	0.221444	0.000000	0.000000
Cost per Metered kW		0.00	1.92	0.05	0.07	0.00	0.00	0.00
Cost per Billed kW		0.00	2.03	0.04	0.07	0.00	0.00	0.00
Distrib Metering	**2,879,673**	**2,337,749**	**473,442**	**21,820**	**46,663**	**0**	**0**	**0**
Monthly Cost per Cons	4.67	4.68	4.62	4.67	4.60	0.00	0.00	0.00
Average Cost per kWh	0.003631	0.006962	0.004790	0.000154	0.000275	0.000000	0.000000	0.000000
Cost per Metered kW		0.00	0.86	0.05	0.07	0.00	0.00	0.00
Cost per Billed kW		0.00	0.91	0.04	0.07	0.00	0.00	0.00

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ARIZONA CORPORATION COMMISSION
UNBUNDLED COSTS W/ UNIFORM ROR ON RATE BASE
SSVEC ADJUSTED TY ENDING 12/31/2014 - REVISED
Summary of Components of Expenses

Accounts	Total	RESIDENTIAL	GENERAL SERV	LARGE POWER	IRRIGATION	LIGHTING	CONTRACTS	Ft Huachuca
Average Consumers	51,429	41,647	8,545	389	845	5,009	3	1
kWh Sold	793,021,534	335,779,118	98,846,734	141,335,112	169,688,486	3,547,884	43,824,200	0
Metered kW		0	548,348	431,407	650,924	0	92,574	0
Billed kW		0	518,599	493,080	656,554	0	123,676	0
Meter Reading	**307,843**	**249,197**	**50,467**	**2,326**	**4,974**	**0**	**879**	**0**
Monthly Cost per Cons	0.50	0.50	0.49	0.50	0.49	0.00	24.41	0.00
Average Cost per kWh	0.000388	0.000742	0.000511	0.000016	0.000029	0.000000	0.000020	0.000000
Cost per Metered kW		0.00	0.09	0.01	0.01	0.00	0.01	0.00
Cost per Billed kW		0.00	0.10	0.00	0.01	0.00	0.01	0.00
Billing & Records	**3,905,583**	**3,153,440**	**639,081**	**29,433**	**62,944**	**20,462**	**222**	**0**
Monthly Cost per Cons	6.33	6.31	6.23	6.31	6.21	0.34	6.18	0.00
Average Cost per kWh	0.004925	0.009391	0.006465	0.000208	0.000371	0.005768	0.000005	0.000000
Cost per Metered kW		0.00	1.17	0.07	0.10	0.00	0.00	0.00
Cost per Billed kW		0.00	1.23	0.06	0.10	0.00	0.00	0.00
Customer Services	**1,578,951**	**1,268,078**	**260,305**	**11,850**	**25,741**	**8,408**	**4,569**	**0**
Monthly Cost per Cons	2.56	2.54	2.54	2.54	2.54	0.14	126.93	0.00
Average Cost per kWh	0.001991	0.003777	0.002633	0.000084	0.000152	0.002370	0.000104	0.000000
Cost per Metered kW		0.00	0.47	0.03	0.04	0.00	0.05	0.00
Cost per Billed kW		0.00	0.50	0.02	0.04	0.00	0.04	0.00
Revenue Related	**1,075,028**	**517,485**	**158,875**	**161,501**	**185,785**	**9,643**	**41,739**	**0**
Monthly Cost per Cons	1.74	1.04	1.55	34.60	18.32	0.16	1,159.41	0.00
Average Cost per kWh	0.001356	0.001541	0.001607	0.001143	0.001095	0.002718	0.000952	0.000000
Cost per Metered kW		0.00	0.29	0.37	0.29	0.00	0.45	0.00
Cost per Billed kW		0.00	0.31	0.33	0.28	0.00	0.34	0.00
Total Expenses	100,804,640	49,653,626	19,692,927	14,622,553	11,677,780	1,086,930	3,235,496	835,325
Monthly Cost per Cons	163.34	99.35	192.05	3,132.51	1,151.65	18.08	89,874.89	69,610.43
Average Cost per kWh	0.127115	0.147876	0.199227	0.103460	0.068819	0.306360	0.073829	0.000000
Cost per Metered kW		0.00	35.91	33.90	17.94	0.00	34.95	0.00
Cost per Billed kW		0.00	37.97	29.66	17.79	0.00	26.16	0.00

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ARIZONA CORPORATION COMMISSION
UNBUNDLED COSTS W/ UNIFORM ROR ON RATE BASE
SSVEC ADJUSTED TY ENDING 12/31/2014 - REVISED
Summary of Components of Expenses

Accounts	Total	RESIDENTIAL	GENERAL SERV	LARGE POWER	IRRIGATION	LIGHTING	CONTRACTS	Ft Huachuca
Average Consumers	51,429	41,647	8,545	389	845	5,009	3	1
kWh Sold	793,021,534	335,779,118	98,846,734	141,335,112	169,688,486	3,547,884	43,824,200	0
Metered kW		0	548,348	431,407	650,924	0	92,574	0
Billed kW		0	518,599	493,080	656,554	0	123,676	0
PUR PWR DEMAND	**30,120,984**	**14,604,099**	**6,560,443**	**6,030,851**	**1,294,732**	**84,268**	**1,546,591**	**0**
Monthly Cost per Cons	48.81	29.22	63.98	1,291.96	127.69	1.40	42,960.85	0.00
Average Cost per kWh	0.037983	0.043493	0.066370	0.042671	0.007630	0.023752	0.035291	0.000000
Cost per Metered kW		0.00	11.96	13.98	1.99	0.00	16.71	0.00
Cost per Billed kW		0.00	12.65	12.23	1.97	0.00	12.51	0.00
PUR PWR ENERGY	**22,481,196**	**9,552,795**	**2,812,154**	**4,019,675**	**4,827,577**	**100,936**	**1,168,058**	**0**
Monthly Cost per Cons	36.43	19.11	27.42	861.11	476.09	1.68	32,446.07	0.00
Average Cost per kWh	0.028349	0.028450	0.028450	0.028441	0.028450	0.028450	0.026653	0.000000
Cost per Metered kW		0.00	5.13	9.32	7.42	0.00	12.62	0.00
Cost per Billed kW		0.00	5.42	8.15	7.35	0.00	9.44	0.00
WIRES DEMAND	**31,092,292**	**12,518,594**	**7,683,500**	**4,322,987**	**5,180,892**	**77,556**	**473,438**	**835,325**
Monthly Cost per Cons	50.38	25.05	74.93	926.09	510.94	1.29	13,151.05	69,610.43
Average Cost per kWh	0.039207	0.037282	0.077731	0.030587	0.030532	0.021860	0.010803	0.000000
Cost per Metered kW		0.00	14.01	10.02	7.96	0.00	5.11	0.00
Cost per Billed kW		0.00	14.82	8.77	7.89	0.00	3.83	0.00
TOTAL CUSTOMER	**17,110,169**	**12,978,138**	**2,636,830**	**249,040**	**374,581**	**824,170**	**47,409**	**0**
Monthly Cost per Cons	27.72	25.97	25.72	53.35	36.94	13.71	1,316.92	0.00
Average Cost per kWh	0.021576	0.038651	0.026676	0.001762	0.002207	0.232299	0.001082	0.000000
Cost per Metered kW		0.00	4.81	0.58	0.58	0.00	0.51	0.00
Cost per Billed kW		0.00	5.08	0.51	0.57	0.00	0.38	0.00
Total Expenses	100,804,640	49,653,626	19,692,927	14,622,553	11,677,780	1,086,930	3,235,496	835,325
Monthly Cost per Cons	163.34	99.35	192.05	3,132.51	1,151.65	18.08	89,874.89	69,610.43
Average Cost per kWh	0.127115	0.147876	0.199227	0.103460	0.068819	0.306360	0.073829	0.000000
Cost per Metered kW		0.00	35.91	33.90	17.94	0.00	34.95	0.00
Cost per Billed kW		0.00	37.97	29.66	17.79	0.00	26.16	0.00

CoOPTIONS:® Cost of Service
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SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE
E-01575A-15-0312
STAFF PROPOSED RATES AND PROOF OF REVENUE

NOTES:
All highlighted sections represent rate schedules either being discontinued or moved into another customer class.
*The Seasonal Power Service calculation of revenue under proposed rates was corrected to show the $1.00 per kVA discount rather than $1.55 discount as originally filed. This correction increases proposed revenue $6,675.

**Mercury Vapor lighting rates have been excluded from the table. There are no customers on these rates and the Cochise County Lighting Code mandated the removal of mercury vapor lights.

	Billing Units	Existing Rate	Existing Revenue	Year 1 Staff Proposed Rate	Year 1 Revenue from Proposed Rates	% Total Revenue Increase
1. RESIDENTIAL						
Residential (including DG)						
Consumers (12-month sum)	499,514	$ 10.25	$ 5,120,019	$ 18.25	$ 9,116,131	
kWh	335,526,198	$ 0.126038	$ 42,289,051	$ 0.113053	$ 37,932,243	
Subtotal	335,526,198		$ 47,409,070		$ 47,048,374	
PCA			$ (2,003,590)		$ 100,159	
Total			$ 45,405,480		$ 47,148,533	3.84%
Residential TOU						
Consumers (12-month sum)	252	$ 16.50	$ 4,158	$ 22.50	$ 5,670	
kWh - On Peak	64,025	$ 0.169037	$ 10,823	$ 0.175000	$ 11,204	
kWh - Off Peak	188,895	$ 0.101727	$ 19,216	$ 0.061000	$ 11,523	
Subtotal	252,920		$ 34,197		$ 28,397	
PCA			$ (1,443)		$ 143	
Total			$ 32,754		$ 28,540	-12.87%
Total Base Revenue	**335,779,118**		**$ 47,443,267**		**$ 47,076,771**	
Total PCA Revenue			**$ (2,005,033)**		**$ 100,302**	
Total Revenue			**$ 45,438,234**		**$ 47,177,073**	**3.83%**
Residential Auxiliary Service (New Rate: To be transferred from General Service--revenue included in GS for this rate case.)						
Consumers (12-month sum)	23,314	$ 16.50	$ 384,681	$ 20.00	$ 466,280	
over 10 kW	2,150	$ 8.00	$ 17,197			
First 3 Billing kW	66,066	$ -	$ -	$ 1.50	$ 99,099	
Over 3 Billing kW	14,208	$ -	$ -	$ 8.00	$ 113,663	
kWh	5,326,917	$ 0.118338	$ 630,377	$ 0.110659	$ 589,471	
Subtotal	5,326,917		$ 1,032,255		$ 1,268,513	
PCA			$ (30,355)		$ 3,044	
Total			$ 1,001,900		$ 1,271,557	

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE
E-01575A-15-0312
STAFF PROPOSED RATES AND PROOF OF REVENUE

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**Mercury Vapor lighting rates have been excluded from the table. There are no customers on these rates and the Cochise County Lighting Code mandated the removal of mercury vapor lights.

		Billing Units	Existing Rate	Existing Revenue	Year 1 Staff Proposed Rate	Year 1 Revenue from Proposed Rates	% Total Revenue Increase
2. COMMERCIAL AND INDUSTRIAL							
General Service (including DG)							
Consumers (12-month sum)		101,825	$ 16.50	$ 1,680,113	$ 20.00	$ 2,036,500	
First	10 Billing kW	355,615	$ -	$ -	$ -	$ -	
Over	10 Billing kW	143,344	$ 8.00	$ 1,146,752	$ -	$ -	
First	3 Billing kW	450,373	$ -	$ -	$ 1.50	$ 675,560	
Over	3 Billing kW	142,420	$ -	$ -	$ 8.00	$ 1,139,359	
kWh - Demand Billed		88,833,837	$ 0.118338	$ 10,512,419	$ 0.110659	$ 9,830,264	
kWh - Non Demand		5,442,202	$ 0.118338	$ 644,019	$ 0.110659	$ 602,229	
Subtotal		94,276,039		$ 13,983,303		$ 14,283,912	
PCA				$ (530,935)		$ 60,175	
Total				$ 13,452,368		$ 14,344,087	**6.63%**
General Service TOU							
Consumers (12-month sum)		523	$ 18.00	$ 9,414.00	$ 22.00	$ 11,506	
Metered kW		7,491.18	$ -	$ -	$ 1.50	$ 11,237	
Billed On Peak kW		556.15	$ 18.50	$ 10,289.00	$ 18.50	$ 10,289	
kWh		480,843	$ 0.090972	$ 43,743.00	$ 0.059862	$ 28,784	
Subtotal		480,843		$ 63,446		$ 61,816	
PCA				$ (3,535)		$ (520)	
Total				$ 59,911		$ 61,296	**2.31%**
General Service RV Parks (Discontinued: Transfer to Standard Large Power Rate-Revenue is included GS for this rate case.)							
Consumers (12-month sum)		120	$ 50.00	$ 6,000	$ 55.00	$ 6,600	
Billed kW		12,147.90	$ 6.70	$ 81,391	$ 8.00	$ 97,183	
kWh		3,765,120	$ 0.081102	$ 305,359	$ 0.073020	$ 274,929	
Subtotal		3,765,120		$ 392,750		$ 378,712	
PCA				$ (15,964)		$ 7,644	
Total				$ 376,786		$ 386,356	
Unmetered Service							
Consumers (12-month sum)		72	$ -	$ -	$ -	$ -	
Billed Services		1,992.00	$ 16.50	$ 32,868	$ 24.50	$ 48,804	
kWh		324,732	$ 0.091859	$ 29,830	$ 0.096735	$ 31,413	
Subtotal		324,732		$ 62,698		$ 80,217	
PCA				$ (1,595)		$ 441	
Total				$ 61,103		$ 80,658	**32.00%**
Total Base Revenue		**98,846,734**		**$ 14,502,197**		**$ 14,804,657**	
Total PCA Revenue				**$ (552,029)**		**$ 67,740**	
Total Revenue				**$ 13,950,168**		**$ 14,872,397**	**6.61%**

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE
E-01575A-15-0312
STAFF PROPOSED RATES AND PROOF OF REVENUE

NOTES:

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*The Seasonal Power Service calculation of revenue under proposed rates was corrected to show the $1.00 per kVA discount rather than $1.55 discount as originally filed. This correction increases proposed revenue $6,675.

**Mercury Vapor lighting rates have been excluded from the table. There are no customers on these rates and the Cochise County Lighting Code mandated the removal of mercury vapor lights.

	Billing Units	Existing Rate	Existing Revenue	Year 1 Staff Proposed Rate	Year 1 Revenue from Proposed Rates	% Total Revenue Increase
3. LARGE POWER						
Large Power						
Consumers (12-month sum)	4,470	$ 55.00	$ 245,850	$ 55.00	$ 245,850	
Billed kVA	424,548	$ 7.05	$ 2,993,063	$ 8.00	$ 3,396,383	
kWh	118,974,922	$ 0.079844	$ 9,499,434	$ 0.07302	$ 8,687,549	
Subtotal	118,974,922		$ 12,738,347		$ 12,329,782	
PCA			$ (662,968)		$ 83,005	
Total			$ 12,075,379		$ 12,412,787	2.79%
Large Power TOU						
Consumers (12-month sum)	17	$ 55.00	$ 935	$ 55.00	$ 935	
On Peak Billed kVA	132	$ 17.15	$ 2,260	$ 20.00	$ 2,636	
Off Peak Billed kVA	3,504	$ 4.15	$ 14,541	$ 4.00	$ 14,016	
kWh	66,831	$ 0.055515	$ 3,710	$ 0.047046	$ 3,144	
Subtotal	66,831		$ 21,446		$ 20,731	
PCA			$ (181)		$ 238	
Total			$ 21,265		$ 20,969	-1.39%
Seasonal Power Service (Discontinued: Transferred to Large Power Rate -- Revenue is included with the LP for this Rate Case and will stay in LP.)						
Consumers (12-month sum)	102	$ 67.00	$ 6,834	$ 55.00	$ 5,610	
Billed kW	12,136	$ 9.55	$ 115,896	$ 8.00	$ 97,085	
Billed kW - Primary Discount *	12,136	$ (1.55)	$ (18,810)	$ (1.00)	$ (12,136)	
kWh	1,441,579	$ 0.079844	$ 115,101	$ 0.07302	$ 105,264	
Subtotal	1,441,579		$ 219,021		$ 195,823	
PCA			$ (925)		$ 8,113	
Total			$ 218,096		$ 203,936	
Industrial						
Consumers (12-month sum)	72	$ 233.50	$ 16,812	$ 400.00	$ 28,800	
Billed kVA	52,891	$ 6.45	$ 341,147	$ 7.00	$ 370,237	
First 400 kWh per billing kVA	19,274,700	$ 0.079830	$ 1,538,699	$ 0.073135	$ 1,409,655	
Over 400 kWh per billing kVA	1,577,080	$ 0.050730	$ 80,005	$ 0.046746	$ 73,722	
Subtotal	20,851,780		$ 1,976,663		$ 1,882,414	
PCA			$ (110,678)		$ 20,063	
Total			$ 1,865,985		$ 1,902,477	1.96%
Total Base Revenue	**141,335,112**		**$ 14,955,477**		**$ 14,428,750**	
Total PCA Revenue			**$ (774,752)**		**$ 111,419**	
Total Revenue			**$ 14,180,725**		**$ 14,540,169**	**2.53%**

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE
E-01575A-15-0312
STAFF PROPOSED RATES AND PROOF OF REVENUE

NOTES:
All highlighted sections represent rate schedules either being discontinued or moved into another customer class.

*The Seasonal Power Service calculation of revenue under proposed rates was corrected to show the $1.00 per kVA discount rather than $1.55 discount as originally filed. This correction increases proposed revenue $6,675.

**Mercury Vapor lighting rates have been excluded from the table. There are no customers on these rates and the Cochise County Lighting Code mandated the removal of mercury vapor lights.

		Billing Units	Existing Rate	Existing Revenue	Year 1 Staff Proposed Rate	Year 1 Revenue from Proposed Rates	% Total Revenue Increase
4. IRRIGATION							
Irrigation							
Consumers (12-month sum)		2,434	$ 30.00	$ 73,020	$ 30.00	$ 73,020	
Billed kW (November-March)		56,123	$ -	$ -	$ -	$ -	
Billed kW (April-October)		84,284	$ 7.15	$ 602,632	$ 8.25	$ 695,345	
First	300 kWh per kVA (Nov-Mar)	7,412,766	$ 0.114209	$ 846,605	$ 0.108284	$ 802,684	
Over	300 kWh per kVA (Nov-Mar)	740,589	$ 0.087209	$ 64,586	$ 0.081198	$ 60,134	
kWh (April-October)		21,866,642	$ 0.088509	$ 1,935,395	$ 0.082502	$ 1,804,042	
Subtotal		30,019,997		$ 3,522,238		$ 3,435,225	
PCA				$ (206,313)		$ (18,087)	
Total				$ 3,315,925		$ 3,417,138	**3.05%**
Irrigation Load Factor							
Consumers (12-month sum)		118	$ 35.00	$ 4,130	$ 35.00	$ 4,130	
Billed kW		17,011	$ -	$ -	$ -	$ -	
kWh - Add'l Billing kWh for Load Factor		1,114,882	$ 0.094120	$ 104,933	$ 0.088131	$ 98,256	
kWh		4,572,812	$ 0.094120	$ 430,393	$ 0.088131	$ 403,006	
Subtotal		4,572,812		$ 539,456		$ 505,392	
PCA				$ (43,079)		$ (14,408)	
Total				$ 496,377		$ 490,984	**-1.09%**
Controlled Irrigation 1 Day/Week							
Consumers (12-month sum)		5,585	$ 30.00	167,550	$ 30.00	$ 167,550	
Billed kW		352,076	$ -	-	$ -	$ -	
Override kW		2,766	$ 19.00	52,558	$ 20.00	$ 55,325	
First	300 kWh per kVA	68,875,158	$ 0.110979	7,643,696	$ 0.105044	$ 7,234,922	
Over	300 kWh per kVA	28,898,037	$ 0.083679	2,418,159	$ 0.077657	$ 2,244,135	
First	300 kWh per kVA w/5% Discount	43,835,379	$ (0.005549)	(243,243)	$ (0.005252)	$ (230,223)	
Subtotal		97,773,195		$ 10,038,720		$ 9,471,709	
PCA				$ (863,849)		$ (250,811)	
Total				$ 9,174,871		$ 9,220,898	**0.50%**

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE
E-01575A-15-0312
STAFF PROPOSED RATES AND PROOF OF REVENUE

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		Billing Units	Existing Rate	Existing Revenue	Year 1 Staff Proposed Rate	Year 1 Revenue from Proposed Rates	% Total Revenue Increase
Controlled Irrigation 2 Day/Week							
Consumers (12-month sum)		665	$ 30.00	$ 19,950	$ 30.00	$ 19,950	
Billed kW		43,862	$ -	$ -	$ -	$ -	
Override kW		380	$ 19.00	$ 7,224	$ 20.00	$ 7,605	
First	300 kWh per kVA	8,016,297	$ 0.1109790	$ 889,641	$ 0.105044	$ 842,064	
Over	300 kWh per kVA	2,746,919	$ 0.0836790	$ 229,859	$ 0.077657	$ 213,317	
First	300 kWh per kVA w/10% Discount	4,899,458	$ (0.0110980)	$ (54,374)	$ (0.010504)	$ (51,464)	
Subtotal		10,763,216		$ 1,092,300		$ 1,031,472	
PCA				$ (81,837)		$ (14,352)	
Total				$ 1,010,463		$ 1,017,120	**0.66%**
Controlled Irrigation 7 Day/Week							
Consumers (12-month sum)		1,066	$ 30.00	$ 31,980	$ 30.00	$ 31,980	
Billed kW		75,210	$ -	$ -	$ -	$ -	
Override kW		171	$ 19.00	$ 3,248	$ 20.00	$ 3,419	
First	300 kWh per kVA	14,802,640	$ 0.110979	$ 1,642,782	$ 0.105044	$ 1,554,929	
Over	300 kWh per kVA	5,206,647	$ 0.083679	$ 435,687	$ 0.077657	$ 404,333	
First	300 kWh per kVA w/17% Discount	9,779,715	$ (0.018867)	$ (184,514)	$ (0.017858)	$ (174,646)	
Subtotal		20,009,287		$ 1,929,183		$ 1,820,015	
PCA				$ (150,359)		$ (24,900)	
Total				$ 1,778,824		$ 1,795,115	**0.92%**
Interruptible Irrigation							
Consumers (12-month sum)		270	$ 30.00	$ 8,100	$ 30.00	$ 8,100	
Override Demand		-	19	$ -	$ 20.00	$ -	
Metered kW		22,357	-	$ -	$ -	$ -	
kWh		6,549,979	$ 0.087737	$ 574,676	$ 0.081728	$ 535,317	
Subtotal		6,549,979		$ 582,776		$ 543,417	
PCA				$ (46,181)		$ (5,113)	
Total				$ 536,595		$ 538,304	**0.32%**
Total Base Revenue		**169,688,486**		**$ 17,704,673**		**$ 16,807,230**	
Total PCA Revenue				**$ (1,391,618)**		**$ (327,671)**	
Total Revenue				**$ 16,313,055**		**$ 16,479,559**	**1.02%**

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5. SECURITY LIGHTING						
35 to 75 Watt LED		$ -	$ -	$ 11.74	$ -	
100 Watt HPS	20,646	$ 11.47	$ 236,810	$ 11.74	$ 242,384	
35 Watt LP (No New Installations)	1,705	$ 9.26	$ 15,788	$ 10.48	$ 17,868	
Additional Poles		$ 2.05	$ -	$ 2.15	$ -	
Total Lights	**22,351**					
Subtotal	**1,343,772**		**$ 252,598**	**-**	**$ 260,252**	
PCA			**$ (6,604)**		**$ 1,822**	
Total			**$ 245,994**		**$ 262,074**	**6.54%**
6. STREET LIGHTING**						
Cooperative Provided & Operated & Maintained:						
70 Watt HPS	168	$ 12.90	$ 2,167	$ 13.16	$ 2,211	
100 Watt HPS - Single/Wood	1,884	$ 11.73	$ 22,099	$ 11.88	$ 22,382	
100 Watt HPS - Single/Steel	2,292	$ 16.74	$ 38,368	$ 17.06	$ 39,102	
100 Watt HPS - Double/Wood	24	$ 21.68	$ 520	$ 21.93	$ 526	
100 Watt HPS - Double/Steel	24	$ 24.10	$ 578	$ 24.43	$ 586	
35 to 75 Watt LED - Single/Wood		$ -	$ -	$ 11.88	$ -	
35 to 75 Watt LED - Single/Steel		$ -	$ -	$ 17.06	$ -	
35 to 75 Watt LED - Double/Wood		$ -	$ -	$ 21.93	$ -	
35 to 75 Watt LED - Double/Wood		$ -	$ -	$ 24.43	$ -	
150 Watt HPS - Single/Wood	4,362	$ 15.40	$ 67,175	$ 15.56	$ 67,873	
150 Watt HPS - Single/Steel	4,428	$ 18.54	$ 82,095	$ 18.80	$ 83,246	
150 Watt HPS - Double/Wood	12	$ 28.96	$ 348	$ 29.21	$ 351	
150 Watt HPS - Double/Steel	84	$ 31.58	$ 2,653	$ 31.92	$ 2,681	
76 to 125 Watt LED - Single/Wood		$ -	$ -	$ 15.56	$ -	
76 to 125 Watt LED - Single/Steel		$ -	$ -	$ 18.80	$ -	
76 to 125 Watt LED - Double/Wood		$ -	$ -	$ 29.21	$ -	
76 to 125 Watt LED - Double/Wood		$ -	$ -	$ 31.92	$ -	
250 Watt HPS - Single/Wood	888	$ 21.55	$ 19,136	$ 21.68	$ 19,252	
250 Watt HPS - Single/Steel	4,080	$ 24.43	$ 99,674	$ 24.65	$ 100,572	
250 Watt HPS - Double/Wood		$ 41.13	$ -	$ 41.32	$ -	
250 Watt HPS - Double/Steel	120	$ 43.23	$ 5,188	$ 43.48	$ 5,218	
126 to 175 Watt LED - Single/Wood		$ -	$ -	$ 21.68	$ -	
126 to 175 Watt LED - Single/Steel		$ -	$ -	$ 24.65	$ -	
126 to 175 Watt LED - Double/Wood		$ -	$ -	$ 41.32	$ -	
126 to 175 Watt LED - Double/Wood		$ -	$ -	$ 43.48	$ -	
176 to 225 Watt LED - Single/Wood		$ -	$ -	$ 24.20	$ -	
176 to 225 Watt LED - Single/Steel		$ -	$ -	$ 27.17	$ -	
176 to 225 Watt LED - Double/Wood		$ -	$ -	$ 46.36	$ -	
176 to 225 Watt LED - Double/Wood		$ -	$ -	$ 48.52	$ -	
Subtotal			$ 340,001		$ 344,000	

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	Billing Units	Existing Rate	Existing Revenue	Year 1 Staff Proposed Rate	Year 1 Revenue from Proposed Rates	% Total Revenue Increase
6. STREET LIGHTING - Continued**						
Customer CIAC/Cooperative Owned, Operated & Maintained:						
100 Watt HPS - Single/Wood	252	$ 9.04	$ 2,278	$ 9.10	$ 2,293	
100 Watt HPS - Single/Steel	3,852	$ 10.68	$ 41,139	$ 10.80	$ 41,602	
100 Watt HPS - Double/Wood		$ 17.35	$ -	$ 17.45	$ -	
100 Watt HPS - Double/Steel		$ 18.40	$ -	$ 18.54	$ -	
35 to 75 Watt LED - Single/Wood		$ -	$ -	$ 9.10	$ -	
35 to 75 Watt LED - Single/Steel		$ -	$ -	$ 10.80	$ -	
35 to 75 Watt LED - Double/Wood		$ -	$ -	$ 17.45	$ -	
35 to 75 Watt LED - Double/Steel		$ -	$ -	$ 18.54	$ -	
150 Watt HPS - Single/Wood	324	$ 12.11	$ 3,924	$ 12.16	$ 3,940	
150 Watt HPS - Single/Steel	11,708	$ 13.76	$ 161,102	$ 13.86	$ 162,273	
150 Watt HPS - Double/Wood	12	$ 23.12	$ 277	$ 23.18	$ 278	
150 Watt HPS - Double/Steel	228	$ 24.37	$ 5,556	$ 24.47	$ 5,579	
76 to 125 Watt LED - Single/Wood		$ -	$ -	$ 12.16	$ -	
76 to 125 Watt LED - Single/Steel		$ -	$ -	$ 13.86	$ -	
76 to 125 Watt LED - Double/Wood		$ -	$ -	$ 23.18	$ -	
76 to 125 Watt LED - Double/Steel		$ -	$ -	$ 24.47	$ -	
250 Watt HPS - Single/Wood	716	$ 17.69	$ 12,666	$ 17.69	$ 12,666	
250 Watt HPS - Single/Steel	2,244	$ 19.13	$ 42,928	$ 19.18	$ 43,040	
250 Watt HPS - Double/Wood		$ 34.38	$ -	$ 34.34	$ -	
250 Watt HPS - Double/Steel	48	$ 34.98	$ 1,679	$ 34.96	$ 1,678	
126 to 175 Watt LED - Single/Wood		$ -	$ -	$ 17.69	$ -	
126 to 175 Watt LED - Single/Steel		$ -	$ -	$ 19.18	$ -	
126 to 175 Watt LED - Double/Wood		$ -	$ -	$ 34.34	$ -	
126 to 175 Watt LED - Double/Steel		$ -	$ -	$ 34.96	$ -	
176 to 225 Watt LED - Single/Wood		$ -	$ -	$ 19.88	$ -	
176 to 225 Watt LED - Single/Steel		$ -	$ -	$ 21.37	$ -	
176 to 225 Watt LED - Double/Wood		$ -	$ -	$ 38.72	$ -	
176 to 225 Watt LED - Double/Steel		$ -	$ -	$ 39.34	$ -	
Subtotal	37,750		$ 271,549		$ 273,349	0.66%
Subtotal	**2,204,112**		**$ 611,550**		**$ 617,349**	
Total PCA Revenue			**$ (10,846)**		**$ 2,974**	
Total Revenue			**$ 600,704**		**$ 620,323**	
Total Lighting			**$ 846,698**		**$ 882,397**	**4.22%**

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		Billing Units	Existing Rate	Existing Revenue	Year 1 Staff Proposed Rate	Year 1 Revenue from Proposed Rates	% Total Revenue Increase
7. INTERRUPTIBLE			(See Interruptible Irrigation)				
Consumers (12-month sum)		-			$ -	$ -	
Override kW		-			$ -	$ -	
Metered kW		-			$ -	$ -	
kWh		-			$ -	$ -	
Subtotal		-				$ -	
PCA						$ -	
Total						$ -	
8. CONTRACT POWER-1							
Consumers (12-month sum)		12	$ 500.00	$ 6,000	$ 500.00	$ 6,000	
Billed kW		22,397	$ 3.35	$ 75,028	$ 3.35	$ 75,028	
First	400 kWh per billing kW	8,958,600	$ 0.076300	$ 683,541	$ 0.07081	$ 634,358	
Over	400 kWh per billing kW	2,878,400	$ 0.041300	$ 118,878	$ 0.03260	$ 93,836	
Subtotal		11,837,000		$ 883,447		$ 809,222	
PCA				$ (59,561)		$ 14,657	
Total				$ 823,886		$ 823,879	**0.00%**
9. CONTRACT POWER-2							
Consumers (12-month sum)		12	$ 9,000.00	$ 108,000	$ 9,000.00	$ 108,000	
Billed kW		29,249	$ 9.00	$ 263,239	$ 9.00	$ 263,239	
First	400 kWh per billing kW	11,699,520	$ 0.054750	$ 640,549	$ 0.06630	$ 775,678	
Over	400 kWh per billing kW	7,201,680	$ 0.034750	$ 250,258	$ 0.03406	$ 245,289	
Subtotal		18,901,200		$ 1,262,046		$ 1,392,206	
PCA				$ 151,171		$ 20,999	
Total				$ 1,413,217		$ 1,413,205	**0.00%**
10. CONTRACT POWER-3							
Consumers (12-month sum)		12	$ 250.00	$ 3,000	$ 250.00	$ 3,000	
Service Availability Charge		12	$ 8,675.23	$ 104,103	$ 8,675.23	$ 104,103	
Billed kW		72,000	$ 5.75	$ 414,000	$ 5.75	$ 414,000	
First	400 kWh per billing kW	13,086,000	$ 0.07500	$ 981,450	$ 0.06873	$ 899,401	
Over	400 kWh per billing kW	-	$ 0.04500	$ -	$ 0.03637	$ -	
Subtotal		13,086,000		$ 1,502,553		$ 1,420,504	
PCA				$ (74,763)		$ 7,286	
Total				$ 1,427,790		$ 1,427,790	**0.00%**
11. TOTAL							
Base Revenue		**793,021,534**		**$ 99,117,808**		**$ 97,616,941**	
PCA Revenue				**$ (4,724,035)**		**$ (472)**	
Total Energy Sales				**$ 94,393,773**		**$ 97,616,469**	
Other Revenue				**$ 3,309,366**		**$ 3,200,541**	
Total				**$ 97,703,139**		**$ 100,817,010**	**3.19%**

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	Billing Units	Year 1 Existing Rate	Year 1 Existing Revenue	Year 2 Staff Proposed Rate	Year 2 Revenue from Proposed Rates
1. RESIDENTIAL					
Residential (including DG)					
Consumers (12-month sum)	499,514	$ 18.25	$ 9,116,131	$ 27.00	$ 13,486,878
kWh	335,526,198	$ 0.113053	$ 37,932,243	$ 0.100028	$ 33,562,015
Subtotal	335,526,198		$ 47,048,374		$ 47,048,893
PCA			$ 100,159		$ 100,159
Total			$ 47,148,533		$ 47,149,052
Residential TOU					
Consumers (12-month sum)	252	$ 22.50	$ 5,670	$ 28.50	$ 7,182
kWh - On Peak	64,025	$ 0.175000	$ 11,204	$ 0.170100	$ 10,891
kWh - Off Peak	188,895	$ 0.061000	$ 11,523	$ 0.053200	$ 10,049
Subtotal	252,920		$ 28,397		$ 28,122
PCA			$ 143		$ 143
Total			$ 28,540		$ 28,265
Total Base Revenue	**335,779,118**		**$ 47,076,771**		**$ 47,077,015**
Total PCA Revenue			**$ 100,302**		**$ 100,302**
Total Revenue			**$ 47,177,073**		**$ 47,177,317**
Residential Auxiliary Service (New Rate: To be transferred from General Service--revenue included in GS for this rate case.)					
Consumers (12-month sum)	23,314	$ 20.00	$ 466,280	$ 25.00	$ 582,850
over 10 kW	2,150	$ -	$ -		
First 3 Billing kW	66,066	$ 1.50	$ 99,099	$ 3.50	$ 231,231
Over 3 Billing kW	14,208	$ 8.00	$ 113,663	$ 10.00	$ 142,079
kWh	5,326,917	$ 0.110659	$ 589,471	$ 0.092420	$ 492,314
Subtotal	5,326,917		$ 1,268,513		$ 1,448,474
PCA			$ 3,044		$ 3,044
Total			$ 1,271,557		$ 1,451,518

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2. COMMERCIAL AND INDUSTRIAL						
General Service (including DG)						
Consumers (12-month sum)		101,825	$ 20.00	$ 2,036,500	$ 25.00	$ 2,545,625
First	10 Billing kW	355,615	$ -	$ -	$ -	$ -
Over	10 Billing kW	143,344	$ -	$ -	$ -	$ -
First	3 Billing kW	450,373	$ 1.50	$ 675,560	$ 3.50	$ 1,576,307
Over	3 Billing kW	142,420	$ 8.00	$ 1,139,359	$ 10.00	$ 1,424,199
kWh - Demand Billed		88,833,837	$ 0.110659	$ 9,830,264	$ 0.092420	$ 8,210,023
kWh - Non Demand		5,442,202	$ 0.110659	$ 602,229	$ 0.092420	$ 502,968
Subtotal		94,276,039		$ 14,283,912		$ 14,259,122
PCA				$ 60,175		$ 60,175
Total				$ 14,344,087		$ 14,319,297
General Service TOU						
Consumers (12-month sum)		523	$ 22.00	$ 11,506	$ 27.00	$ 14,121
Metered kW		7,491.18	$ 1.50	$ 11,237	$ 3.50	$ 26,219
Billed On Peak kW		556.15	$ 18.50	$ 10,289	$ 18.50	$ 10,289
kWh		480,843	$ 0.059862	$ 28,784	$ 0.041623	$ 20,014
Subtotal		480,843		$ 61,816		$ 70,643
PCA				$ (520)		$ (520)
Total				$ 61,296		$ 70,123
General Service RV Parks (Discontinued: Transfer to Standard Large Power Rate-Revenue is included GS for this rate case.)						
Consumers (12-month sum)		120	$ 55.00	$ 6,600	$ 55.00	$ 6,600
Billed kW		12,147.90	$ 8.00	$ 97,183	$ 8.00	$ 97,183
kWh		3,765,120	$ 0.073020	$ 274,929	$ 0.073020	$ 274,929
Subtotal		3,765,120		$ 378,712		$ 378,712
PCA				$ 7,644		$ 7,644
Total				$ 386,356		$ 386,356
Unmetered Service						
Consumers (12-month sum)		72	$ -	$ -	$ -	$ -
Billed Services		1,992.00	$ 24.50	$ 48,804	$ 35.50	$ 70,716
kWh		324,732	$ 0.096735	$ 31,413	$ 0.078496	$ 25,490
Subtotal		324,732		$ 80,217		$ 96,206
PCA				$ 441		$ 441
Total				$ 80,658		$ 96,647
Total Base Revenue		**98,846,734**		**$ 14,804,657**		**$ 14,804,683**
Total PCA Revenue				**$ 67,740**		**$ 67,740**
Total Revenue				**$ 14,872,397**		**$ 14,872,423**

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3. LARGE POWER						
Large Power						
Consumers (12-month sum)		4,470	$ 55.00	$ 245,850	$ 55.00	$ 245,850
Billed kVA		424,548	$ 8.00	$ 3,396,383	$ 8.00	$ 3,396,383
kWh		118,974,922	$ 0.073020	$ 8,687,549	$ 0.07302	$ 8,687,549
Subtotal		118,974,922		$ 12,329,782		$ 12,329,782
PCA				$ 83,005		$ 83,005
Total				$ 12,412,787		$ 12,412,787
Large Power TOU						
Consumers (12-month sum)		17	$ 55.00	$ 935	$ 55.00	$ 935
On Peak Billed kVA		132	$ 20.00	$ 2,636	$ 20.00	$ 2,636
Off Peak Billed kVA		3,504	$ 4.00	$ 14,016	$ 4.00	$ 14,016
kWh		66,831	$ 0.047046	$ 3,144	$ 0.047046	$ 3,144
Subtotal		66,831		$ 20,731		$ 20,731
PCA				$ 238		$ 238
Total				$ 20,969		$ 20,969
Seasonal Power Service (Discontinued: Transferred to Large Power Rate -- Revenue is included with the LP for this Rate Case and will stay in LP.)						
Consumers (12-month sum)		102	$ 55.00	$ 5,610	$ 55.00	$ 5,610
Billed kW		12,136	$ 8.00	$ 97,085	$ 8.00	$ 97,085
Billed kW - Primary Discount *		12,136	$ (1.00)	$ (12,136)	$ (1.00)	$ (12,136)
kWh		1,441,579	$ 0.073020	$ 105,264	$ 0.07302	$ 105,264
Subtotal		1,441,579		$ 195,823		$ 195,823
PCA				$ 8,113		$ 8,113
Total				$ 203,936		$ 203,936
Industrial						
Consumers (12-month sum)		72	$ 400.00	$ 28,800	$ 400.00	$ 28,800
Billed kVA		52,891	$ 7.00	$ 370,237	$ 7.00	$ 370,237
First	400 kWh per billing kVA	19,274,700	$ 0.073135	$ 1,409,655	$ 0.073135	$ 1,409,655
Over	400 kWh per billing kVA	1,577,080	$ 0.046746	$ 73,722	$ 0.046746	$ 73,722
Subtotal		20,851,780		$ 1,882,414		$ 1,882,414
PCA				$ 20,063		$ 20,063
Total				$ 1,902,477		$ 1,902,477
Total Base Revenue		**141,335,112**		**$ 14,428,750**		**$ 14,428,750**
Total PCA Revenue				**$ 111,419**		**$ 111,419**
Total Revenue				**$ 14,540,169**		**$ 14,540,169**

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		Billing Units	Year 1 Existing Rate	Year 1 Existing Revenue	Year 2 Staff Proposed Rate	Year 2 Revenue from Proposed Rates
4. IRRIGATION						
Irrigation						
Consumers (12-month sum)		2,434	$ 30.00	$ 73,020	$ 30.00	$ 73,020
Billed kW (November-March)		56,123	$ -	$ -	$ -	$ -
Billed kW (April-October)		84,284	$ 8.25	$ 695,345	$ 8.25	$ 695,345
First	300 kWh per kVA (Nov-Mar)	7,412,766	$ 0.108284	$ 802,684	$ 0.108284	$ 802,684
Over	300 kWh per kVA (Nov-Mar)	740,589	$ 0.081198	$ 60,134	$ 0.081198	$ 60,134
kWh (April-October)		21,866,642	$ 0.082502	$ 1,804,042	$ 0.082502	$ 1,804,042
Subtotal		30,019,997		$ 3,435,225		$ 3,435,225
PCA				$ (18,087)		$ (18,087)
Total				$ 3,417,138		$ 3,417,138
Irrigation Load Factor						
Consumers (12-month sum)		118	$ 35.00	$ 4,130	$ 35.00	$ 4,130
Billed kW		17,011	$ -	$ -	$ -	$ -
kWh - Add'l Billing kWh for Load Factor		1,114,882	$ 0.088131	$ 98,256	$ 0.088131	$ 98,256
kWh		4,572,812	$ 0.088131	$ 403,006	$ 0.088131	$ 403,006
Subtotal		4,572,812		$ 505,392		$ 505,392
PCA				$ (14,408)		$ (14,408)
Total				$ 490,984		$ 490,984
Controlled Irrigation 1 Day/Week						
Consumers (12-month sum)		5,585	$ 30.00	167,550	$ 30.00	$ 167,550
Billed kW		352,076	$ -	-	$ -	$ -
Override kW		2,766	$ 20.00	55,325	$ 20.00	$ 55,325
First	300 kWh per kVA	68,875,158	$ 0.105044	7,234,922	$ 0.105044	$ 7,234,922
Over	300 kWh per kVA	28,898,037	$ 0.077657	2,244,135	$ 0.077657	$ 2,244,135
First	300 kWh per kVA w/5% Discount	43,835,379	$ (0.005252)	(230,223)	$ (0.005252)	$ (230,223)
Subtotal		97,773,195		$ 9,471,709		$ 9,471,709
PCA				$ (250,811)		$ (250,811)
Total				$ 9,220,898		$ 9,220,898

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE
E-01575A-15-0312
STAFF PROPOSED RATES AND PROOF OF REVENUE

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		Billing Units	Year 1 Existing Rate	Year 1 Existing Revenue	Year 2 Staff Proposed Rate	Year 2 Revenue from Proposed Rates
Controlled Irrigation 2 Day/Week						
Consumers (12-month sum)		665	$ 30.00	$ 19,950	$ 30.00	$ 19,950
Billed kW		43,862	$ -	$ -	$ -	$ -
Override kW		380	$ 20.00	$ 7,605	$ 20.00	$ 7,605
First	300 kWh per kVA	8,016,297	$ 0.1050440	$ 842,064	$ 0.105044	$ 842,064
Over	300 kWh per kVA	2,746,919	$ 0.0776570	$ 213,317	$ 0.077657	$ 213,317
First	300 kWh per kVA w/10% Discount	4,899,458	$ (0.0105040)	$ (51,464)	$ (0.010504)	$ (51,464)
Subtotal		10,763,216		$ 1,031,472		$ 1,031,472
PCA				$ (14,352)		$ (14,352)
Total				$ 1,017,120		$ 1,017,120
Controlled Irrigation 7 Day/Week						
Consumers (12-month sum)		1,066	$ 30.00	$ 31,980	$ 30.00	$ 31,980
Billed kW		75,210	$ -	$ -	$ -	$ -
Override kW		171	$ 20.00	$ 3,419	$ 20.00	$ 3,419
First	300 kWh per kVA	14,802,640	$ 0.105044	$ 1,554,929	$ 0.105044	$ 1,554,929
Over	300 kWh per kVA	5,206,647	$ 0.077657	$ 404,333	$ 0.077657	$ 404,333
First	300 kWh per kVA w/17% Discount	9,779,715	$ (0.017858)	$ (174,646)	$ (0.017858)	$ (174,646)
Subtotal		20,009,287		$ 1,820,015		$ 1,820,015
PCA				$ (24,900)		$ (24,900)
Total				$ 1,795,115		$ 1,795,115
Interruptible Irrigation						
Consumers (12-month sum)		270	$ 30.00	$ 8,100	$ 30.00	$ 8,100
Override Demand		-	20	$ -	$ 20.00	$ -
Metered kW		22,357	-	$ -	$ -	$ -
kWh		6,549,979	$ 0.081728	$ 535,317	$ 0.081728	$ 535,317
Subtotal		6,549,979		$ 543,417		$ 543,417
PCA				$ (5,113)		$ (5,113)
Total				$ 538,304		$ 538,304
Total Base Revenue		**169,688,486**		**$ 16,807,230**		**$ 16,807,230**
Total PCA Revenue				**$ (327,671)**		**$ (327,671)**
Total Revenue				**$ 16,479,559**		**$ 16,479,559**

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE
E-01575A-15-0312
STAFF PROPOSED RATES AND PROOF OF REVENUE

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	Billing Units	Year 1 Existing Rate	Year 1 Existing Revenue	Year 2 Staff Proposed Rate	Year 2 Revenue from Proposed Rates
5. SECURITY LIGHTING					
35 to 75 Watt LED		$ 11.74	$ -	$ 11.74	$ -
100 Watt HPS	20,646	$ 11.74	$ 242,384	$ 11.74	$ 242,384
35 Watt LP (No New Installations)	1,705	$ 10.48	$ 17,868	$ 10.48	$ 17,868
Additional Poles		$ 2.15	$ -	$ 2.15	$ -
Total Lights	**22,351**				
Subtotal	**1,343,772**		**$ 260,252**	**$ -**	**$ 260,252**
PCA			**$ 1,822**		**$ 1,822**
Total			**$ 262,074**		**$ 262,074**
6. STREET LIGHTING**					
Cooperative Provided & Operated & Maintained:					
70 Watt HPS	168	$ 13.16	$ 2,211	$ 13.16	$ 2,211
100 Watt HPS - Single/Wood	1,884	$ 11.88	$ 22,382	$ 11.88	$ 22,382
100 Watt HPS - Single/Steel	2,292	$ 17.06	$ 39,102	$ 17.06	$ 39,102
100 Watt HPS - Double/Wood	24	$ 21.93	$ 526	$ 21.93	$ 526
100 Watt HPS - Double/Steel	24	$ 24.43	$ 586	$ 24.43	$ 586
35 to 75 Watt LED - Single/Wood		$ 11.88	$ -	$ 11.88	$ -
35 to 75 Watt LED - Single/Steel		$ 17.06	$ -	$ 17.06	$ -
35 to 75 Watt LED - Double/Wood		$ 21.93	$ -	$ 21.93	$ -
35 to 75 Watt LED - Double/Wood		$ 24.43	$ -	$ 24.43	$ -
150 Watt HPS - Single/Wood	4,362	$ 15.56	$ 67,873	$ 15.56	$ 67,873
150 Watt HPS - Single/Steel	4,428	$ 18.80	$ 83,246	$ 18.80	$ 83,246
150 Watt HPS - Double/Wood	12	$ 29.21	$ 351	$ 29.21	$ 351
150 Watt HPS - Double/Steel	84	$ 31.92	$ 2,681	$ 31.92	$ 2,681
76 to 125 Watt LED - Single/Wood		$ 15.56	$ -	$ 15.56	$ -
76 to 125 Watt LED - Single/Steel		$ 18.80	$ -	$ 18.80	$ -
76 to 125 Watt LED - Double/Wood		$ 29.21	$ -	$ 29.21	$ -
76 to 125 Watt LED - Double/Wood		$ 31.92	$ -	$ 31.92	$ -
250 Watt HPS - Single/Wood	888	$ 21.68	$ 19,252	$ 21.68	$ 19,252
250 Watt HPS - Single/Steel	4,080	$ 24.65	$ 100,572	$ 24.65	$ 100,572
250 Watt HPS - Double/Wood		$ 41.32	$ -	$ 41.32	$ -
250 Watt HPS - Double/Steel	120	$ 43.48	$ 5,218	$ 43.48	$ 5,218
126 to 175 Watt LED - Single/Wood		$ 21.68	$ -	$ 21.68	$ -
126 to 175 Watt LED - Single/Steel		$ 24.65	$ -	$ 24.65	$ -
126 to 175 Watt LED - Double/Wood		$ 41.32	$ -	$ 41.32	$ -
126 to 175 Watt LED - Double/Wood		$ 43.48	$ -	$ 43.48	$ -
176 to 225 Watt LED - Single/Wood		$ 24.20	$ -	$ 24.20	$ -
176 to 225 Watt LED - Single/Steel		$ 27.17	$ -	$ 27.17	$ -
176 to 225 Watt LED - Double/Wood		$ 46.36	$ -	$ 46.36	$ -
176 to 225 Watt LED - Double/Wood		$ 48.52	$ -	$ 48.52	$ -
Subtotal			$ 344,000		$ 344,000

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE
E-01575A-15-0312
STAFF PROPOSED RATES AND PROOF OF REVENUE

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	Billing Units	Year 1 Existing Rate	Year 1 Existing Revenue	Year 2 Staff Proposed Rate	Year 2 Revenue from Proposed Rates
6. STREET LIGHTING - Continued**					
Customer CIAC/Cooperative Owned, Operated & Maintained:					
100 Watt HPS - Single/Wood	252	$ 9.10	$ 2,293	$ 9.10	$ 2,293
100 Watt HPS - Single/Steel	3,852	$ 10.80	$ 41,602	$ 10.80	$ 41,602
100 Watt HPS - Double/Wood		$ 17.45	$ -	$ 17.45	$ -
100 Watt HPS - Double/Steel		$ 18.54	$ -	$ 18.54	$ -
35 to 75 Watt LED - Single/Wood		$ 9.10	$ -	$ 9.10	$ -
35 to 75 Watt LED - Single/Steel		$ 10.80	$ -	$ 10.80	$ -
35 to 75 Watt LED - Double/Wood		$ 17.45	$ -	$ 17.45	$ -
35 to 75 Watt LED - Double/Steel		$ 18.54	$ -	$ 18.54	$ -
150 Watt HPS - Single/Wood	324	$ 12.16	$ 3,940	$ 12.16	$ 3,940
150 Watt HPS - Single/Steel	11,708	$ 13.86	$ 162,273	$ 13.86	$ 162,273
150 Watt HPS - Double/Wood	12	$ 23.18	$ 278	$ 23.18	$ 278
150 Watt HPS - Double/Steel	228	$ 24.47	$ 5,579	$ 24.47	$ 5,579
76 to 125 Watt LED - Single/Wood		$ 12.16	$ -	$ 12.16	$ -
76 to 125 Watt LED - Single/Steel		$ 13.86	$ -	$ 13.86	$ -
76 to 125 Watt LED - Double/Wood		$ 23.18	$ -	$ 23.18	$ -
76 to 125 Watt LED - Double/Steel		$ 24.47	$ -	$ 24.47	$ -
250 Watt HPS - Single/Wood	716	$ 17.69	$ 12,666	$ 17.69	$ 12,666
250 Watt HPS - Single/Steel	2,244	$ 19.18	$ 43,040	$ 19.18	$ 43,040
250 Watt HPS - Double/Wood		$ 34.34	$ -	$ 34.34	$ -
250 Watt HPS - Double/Steel	48	$ 34.96	$ 1,678	$ 34.96	$ 1,678
126 to 175 Watt LED - Single/Wood		$ 17.69	$ -	$ 17.69	$ -
126 to 175 Watt LED - Single/Steel		$ 19.18	$ -	$ 19.18	$ -
126 to 175 Watt LED - Double/Wood		$ 34.34	$ -	$ 34.34	$ -
126 to 175 Watt LED - Double/Steel		$ 34.96	$ -	$ 34.96	$ -
176 to 225 Watt LED - Single/Wood		$ 19.88	$ -	$ 19.88	$ -
176 to 225 Watt LED - Single/Steel		$ 21.37	$ -	$ 21.37	$ -
176 to 225 Watt LED - Double/Wood		$ 38.72	$ -	$ 38.72	$ -
176 to 225 Watt LED - Double/Steel		$ 39.34	$ -	$ 39.34	$ -
Subtotal	37,750		$ 273,349		$ 273,349
Subtotal	**2,204,112**		**$ 617,349**		**$ 617,349**
Total PCA Revenue			**$ 2,974**		**$ 2,974**
Total Revenue			**$ 620,323**		**$ 620,323**
Total Lighting					

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE
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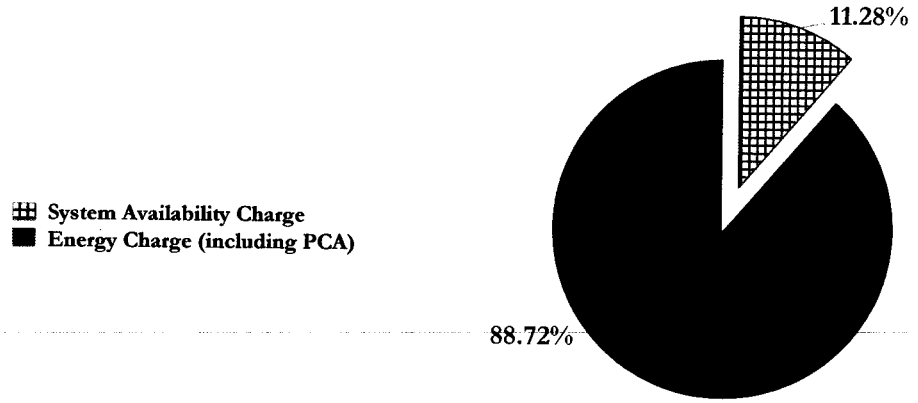
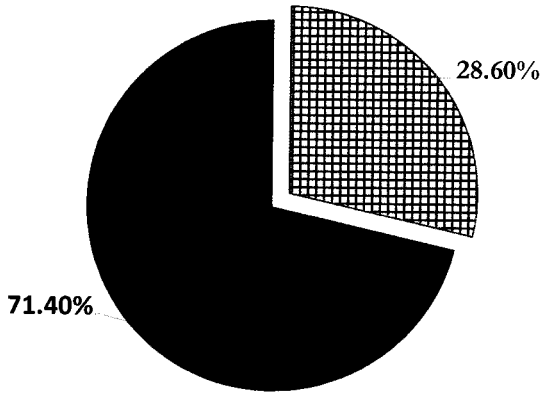
		Billing Units	Year 1 Existing Rate	Year 1 Existing Revenue	Year 2 Staff Proposed Rate	Year 2 Revenue from Proposed Rates
7. INTERRUPTIBLE			(See Interruptible Irrigation)			
Consumers (12-month sum)		-			$ -	$ -
Override kW		-			$ -	$ -
Metered kW		-			$ -	$ -
kWh		-			$ -	$ -
Subtotal		-				$ -
PCA						$ -
Total						$ -
8. CONTRACT POWER-1						
Consumers (12-month sum)		12	$ 500.00	$ 6,000	$ 500.00	$ 6,000
Billed kW		22,397	$ 3.35	$ 75,028	$ 3.35	$ 75,028
First	400 kWh per billing kW	8,958,600	$ 0.070810	$ 634,358	$ 0.07081	$ 634,358
Over	400 kWh per billing kW	2,878,400	$ 0.032600	$ 93,836	$ 0.03260	$ 93,836
Subtotal		11,837,000		$ 809,222		$ 809,222
PCA				$ 14,657		$ 14,657
Total				$ 823,879		$ 823,879
9. CONTRACT POWER-2						
Consumers (12-month sum)		12	$ 9,000.00	$ 108,000	$ 9,000.00	$ 108,000
Billed kW		29,249	$ 9.00	$ 263,239	$ 9.00	$ 263,239
First	400 kWh per billing kW	11,699,520	$ 0.066300	$ 775,678	$ 0.06630	$ 775,678
Over	400 kWh per billing kW	7,201,680	$ 0.034060	$ 245,289	$ 0.03406	$ 245,289
Subtotal		18,901,200		$ 1,392,206		$ 1,392,206
PCA				$ 20,999		$ 20,999
Total				$ 1,413,205		$ 1,413,205
10. CONTRACT POWER-3						
Consumers (12-month sum)		12	$ 250.00	$ 3,000	$ 250.00	$ 3,000
Service Availability Charge		12	$ 8,675.23	$ 104,103	$ 8,675.23	$ 104,103
Billed kW		72,000	$ 5.75	$ 414,000	$ 5.75	$ 414,000
First	400 kWh per billing kW	13,086,000	$ 0.06873	$ 899,401	$ 0.06873	$ 899,401
Over	400 kWh per billing kW	-	$ 0.03637	$ -	$ 0.03637	$ -
Subtotal		13,086,000		$ 1,420,504		$ 1,420,504
PCA				$ 7,286		$ 7,286
Total				$ 1,427,790		$ 1,427,790
11. TOTAL						
Base Revenue		**793,021,534**		**$ 97,616,941**		**$ 97,617,211**
PCA Revenue				**$ (472)**		**$ (472)**
Total Energy Sales				**$ 97,616,469**		**$ 97,616,739**
Other Revenue				**$ 3,309,366**		**$ 3,200,541**
Total				**$ 100,925,835**		**$ 100,817,280**

COMPARISON OF FIXED VS. VARIABLE REVENUE
SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.
E-01575A-15-0312

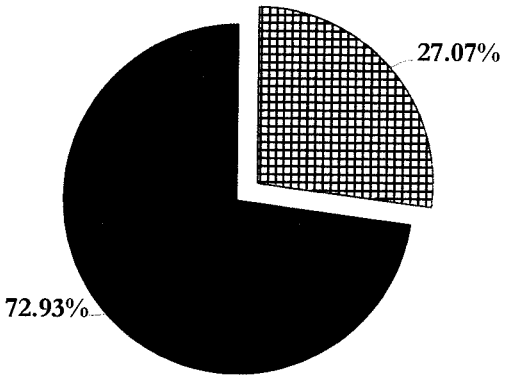
Existing Total Residential Revenue Sources (excluding TOU)



Staff Proposed Total Residential Revenue Sources (excluding TOU) Increase $1,739,083



SSVEC Proposed Total Residential Revenue Sources (excluding TOU) Increase $1,733,084



SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.
E-01575A-15-0312
BILL IMPACT OF STAFF PROPOSED RATES
RESIDENTIAL SERVICE

	YEAR ONE				YEAR TWO			
kWh Usage	Existing Rate	Staff Proposed Rate	Change From Existing Rate - $	Change From Existing Rate - %	Year One Rate	Staff Proposed Rate	Change From Year One Rate - $	Change From Year One Rate - %
Service Availability Charge	$ 10.25	$ 18.25	$ 8.00	78.05%	$ 18.25	$ 27.00	$ 8.75	47.95%
Energy Charge, per kWh	$ 0.126038	$ 0.113053	$ (0.012985)	-10.30%	$ 0.113053	$ 0.100028	$ (0.013025)	-11.52%
PCA Factor, per kWh	$ (0.006270)	$ -	$ 0.006270	-100.00%	$ -	$ -	$ -	0.00%
Total Energy, per kWh	$ 0.119768	$ 0.113053	$ (0.006715)	-5.61%	$ 0.113053	$ 0.100028	$ (0.013025)	-11.52%
50	$ 16.24	$ 23.90	$ 7.66	47.17%	$ 23.90	$ 32.00	$ 8.10	33.89%
100	$ 22.23	$ 29.56	$ 7.33	32.97%	$ 29.56	$ 37.00	$ 7.44	25.17%
250	$ 40.19	$ 46.51	$ 6.32	15.73%	$ 46.51	$ 52.01	$ 5.50	11.83%
500	$ 70.13	$ 74.78	$ 4.65	6.63%	$ 74.78	$ 77.01	$ 2.23	2.98%
750	$ 100.08	$ 103.04	$ 2.96	2.96%	$ 103.04	$ 102.02	$ (1.02)	-0.99%
1000	$ 130.02	$ 131.30	$ 1.28	0.98%	$ 131.30	$ 127.03	$ (4.27)	-3.25%
3000	$ 369.55	$ 357.41	$ (12.14)	-3.29%	$ 357.41	$ 327.08	$ (30.33)	-8.49%
5000	$ 609.09	$ 583.52	$ (25.57)	-4.20%	$ 583.52	$ 527.14	$ (56.38)	-9.66%
668 Average	$ 90.26	$ 93.77	**$ 3.51**	**3.89%**	$ 93.77	$ 93.82	**$ 0.05**	**0.05%**
550 Median	$ 76.12	$ 80.43	$ 4.31	5.66%	$ 80.43	$ 82.02	$ 1.59	1.98%
		Staff Proposed	$ 3.51	3.89%		Staff Proposed	$ 0.05	0.05%
		SSVEC Proposed Phase 1	$ 2.66	2.89%				

Residential Average usage is slightly lower for Staff's bill impact compared to what SSVEC submitted as Staff incorporated DG volumes into the average.

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.
E-01575A-15-0312
BILL IMPACT OF STAFF PROPOSED RATES
RESIDENTIAL TOU SERVICE

			YEAR ONE				YEAR TWO			
kWh Usage	**kWh On Peak**	**kWh Off Peak**	**Existing Rate**	**Staff Proposed Rate**	**Change From Existing Rate - $**	**Change From Existing Rate - %**	**Year One Rate**	**Staff Proposed Rate**	**Change From Year One Rate - $**	**Change From Year One Rate - %**
	25.31%	**74.69%**								
Service Availability Charge			$ 16.50	$ 22.50	$ 6.00	36.36%	$ 22.50	$ 28.50	$ 6.00	36.36%
Energy Charge, per kWh										
On-Peak			$ 0.169037	$ 0.175000	$ 0.005963	3.53%	$ 0.175000	$ 0.170100	$ (0.004900)	-2.80%
Off-Peak			$ 0.101727	$ 0.061000	$ (0.040727)	-40.04%	$ 0.061000	$ 0.053200	$ (0.007800)	-12.79%
PCA Factor, per kWh			$ (0.006270)	$ -	$ 0.006270	-100.00%	$ -	$ -	$ -	0.00%
50	13	37	$ 22.15	$ 27.03	$ 4.88	22.05%	$ 27.03	$ 32.68	$ 5.65	25.50%
100	25	75	$ 27.73	$ 31.45	$ 3.72	13.42%	$ 31.45	$ 36.74	$ 5.29	19.09%
250	63	187	$ 44.60	$ 44.93	$ 0.33	0.73%	$ 44.93	$ 49.16	$ 4.23	9.49%
500	127	373	$ 72.78	$ 67.48	$ (5.30)	-7.28%	$ 67.48	$ 69.95	$ 2.47	3.39%
750	190	560	$ 100.88	$ 89.91	$ (10.97)	-10.88%	$ 89.91	$ 90.61	$ 0.70	0.69%
1000	253	747	$ 128.99	$ 112.34	$ (16.64)	-12.90%	$ 112.34	$ 111.28	$ (1.07)	-0.83%
3000	759	2241	$ 353.96	$ 292.03	$ (61.93)	-17.50%	$ 292.03	$ 276.83	$ (15.20)	-4.29%
5000	1266	3734	$ 579.00	$ 471.82	$ (107.18)	-18.51%	$ 471.82	$ 442.50	$ (29.33)	-5.07%
1004	254	750	$ 129.44	$ 112.70	$ (16.74)	-12.93%	$ 112.70	$ 111.61	$ (1.09)	-0.85%
994 Average	740	254	$ 161.19	$ 167.49	$ 6.30	3.91%	$ 167.49	$ 167.89	$ 0.39	0.24%
687 Median	546	141	$ 118.83	$ 126.65	$ 7.82	6.58%	$ 126.65	$ 128.88	$ 2.22	1.87%
				Staff Proposed	$ 6.30	3.91%		Staff Proposed	$ 0.39	0.24%
				SSVEC Proposed Phase 1	$ 38.85	24.10%				

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.
E-01575A-15-0312
BILL IMPACT OF STAFF PROPOSED RATES
GENERAL SERVICE

			YEAR ONE				YEAR TWO			
Load Factor	kW	kWh	Existing Rate	Staff Proposed Rate	Change From Existing Rate - $	Change From Existing Rate - %	Year One Rate	Staff Proposed Rate	Change From Year One Rate - $	Change From Year One Rate - %
Service Availability Charge			$ 16.50	$ 20.00	$ 3.50	21.21%	$ 20.00	$ 25.00	$ 5.00	25.00%
			First 10 kW	First 3 kW			First 3 kW	First 3 kW		
Demand Charge, First Block			$ -	$ 1.50	$ 1.50	0.00%	$ 1.50	$ 3.50	$ 2.00	133.33%
Demand Charge, Over			$ 8.00	$ 8.00	$ -	0.00%	$ 8.00	$ 10.00	$ 2.00	25.00%
Energy Charge, per kWh										
Demand Metered kWh			$ 0.118338	$ 0.110659	$ (0.007679)	-6.49%	$ 0.110659	$ 0.092420	$ (0.018239)	-16.48%
Non-Demand Metered kWh			$ 0.118338	$ 0.110659	$ (0.007679)	-6.49%	$ 0.110659	$ 0.092420	$ (0.018239)	-16.48%
PCA Factor, per kWh			$ (0.006270)	$ -	$ 0.006270	-100.00%	$ -	$ -	$ -	0.00%
10.00%	5	365	$ 57.40	$ 80.89	$ 23.49	40.91%	$ 80.89	$ 89.23	$ 8.34	14.53%
35.00%	5	1278	$ 159.72	$ 181.92	$ 22.20	13.90%	$ 181.92	$ 173.61	$ (8.31)	-5.20%
55.00%	5	2008	$ 241.53	$ 262.70	$ 21.17	8.77%	$ 262.70	$ 241.08	$ (21.62)	-8.95%
75.00%	5	2738	$ 323.34	$ 343.48	$ 20.14	6.23%	$ 343.48	$ 308.55	$ (34.94)	-10.81%
10.00%	10	730	$ 98.31	$ 161.28	$ 62.97	64.05%	$ 161.28	$ 172.97	$ 11.69	11.89%
35.00%	10	2555	$ 302.83	$ 363.23	$ 60.40	19.94%	$ 363.23	$ 341.63	$ (21.60)	-7.13%
55.00%	10	4015	$ 466.45	$ 524.80	$ 58.34	12.51%	$ 524.80	$ 476.57	$ (48.23)	-10.34%
75.00%	10	5475	$ 630.07	$ 686.36	$ 56.29	8.93%	$ 686.36	$ 611.50	$ (74.86)	-11.88%
10.00%	25	1825	$ 341.02	$ 402.45	$ 61.43	18.01%	$ 402.45	$ 424.17	$ 21.71	6.37%
35.00%	25	6388	$ 852.39	$ 907.39	$ 55.00	6.45%	$ 907.39	$ 845.88	$ (61.51)	-7.22%
55.00%	25	10038	$ 1,261.44	$ 1,311.30	$ 49.86	3.95%	$ 1,311.30	$ 1,183.21	$ (128.08)	-10.15%
75.00%	25	13688	$ 1,670.49	$ 1,715.20	$ 44.71	2.68%	$ 1,715.20	$ 1,520.54	$ (194.66)	-11.65%
10.00%	50	3650	$ 745.55	$ 804.41	$ 58.86	7.89%	$ 804.41	$ 842.83	$ 38.43	5.15%
35.00%	50	12775	$ 1,768.17	$ 1,814.17	$ 46.00	2.60%	$ 1,814.17	$ 1,686.17	$ (128.00)	-7.24%
55.00%	50	20075	$ 2,586.27	$ 2,621.98	$ 35.71	1.38%	$ 2,621.98	$ 2,360.83	$ (261.15)	-10.10%
75.00%	50	27375	$ 3,404.36	$ 3,429.79	$ 25.43	0.75%	$ 3,429.79	$ 3,035.50	$ (394.29)	-11.58%
25.88% Average	4.90	925.86338	$ 131.52	$ 140.70	$ 9.18	6.98%	$ 140.70	$ 141.02	$ 0.32	0.24%
				Staff Proposed	$ 9.18	6.98%		Staff Proposed	$ 0.32	0.24%
				SSVEC Proposed Phase 1	$ 9.14	6.95%				

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.
E-01575A-15-0312
BILL IMPACT OF STAFF PROPOSED RATES
GENERAL SERVICE TOU

				YEAR ONE				YEAR TWO			
Load Factor	Metered kW	On-Peak	kWh	Existing Rate	Staff Proposed Rate	Change From Existing Rate - $	Change From Existing Rate - %	Year One Rate	Staff Proposed Rate	Change From Year One Rate - $	Change From Year One Rate - %
		7.42%									
Service Availability Charge				$ 18.00	$ 22.00	$ 4.00	22.22%	$ 22.00	$ 27.00	$ 5.00	22.73%
Metered kW				$ -	$ 1.50	$ 1.50	0.00%	$ 1.50	$ 3.50	$ 2.00	133.33%
On-Peak Capacity Charge, per Billing kW				$ 18.50	$ 18.50	$ -	0.00%	$ 18.50	$ 18.50	$ -	0.00%
Energy Charge, per kWh				$ 0.090972	$0.059862	$ (0.031110)	-34.20%	$ 0.059862	$ 0.041623	$ (0.018239)	-30.47%
PCA Factor, per kWh				$(0.006270)	$ -	$ 0.006270	-100.00%	$ -	$ -	$ -	0.00%
10.00%	5	0.37	365	$ 55.78	$ 58.22	$ 2.43	4.36%	$ 58.22	$ 66.56	$ 8.34	14.96%
35.00%	5	0.37	1,278	$ 133.12	$ 112.87	$ (20.25)	-15.21%	$ 112.87	$ 104.56	$ (8.31)	-6.24%
55.00%	5	0.37	2,008	$ 194.95	$ 156.57	$ (38.38)	-19.69%	$ 156.57	$ 134.95	$ (21.62)	-11.09%
75.00%	5	0.37	2,738	$ 256.78	$ 200.27	$ (56.51)	-22.01%	$ 200.27	$ 165.33	$ (34.94)	-13.61%
10.00%	10	0.74	730	$ 93.57	$ 94.43	$ 0.87	0.93%	$ 94.43	$ 106.12	$ 11.69	12.49%
35.00%	10	0.74	2,555	$ 248.15	$ 203.68	$ (44.47)	-17.92%	$ 203.68	$ 182.08	$ (21.60)	-8.70%
55.00%	10	0.74	4,015	$ 371.81	$ 291.08	$ (80.73)	-21.71%	$ 291.08	$ 242.85	$ (48.23)	-12.97%
75.00%	10	0.74	5,475	$ 495.48	$ 378.48	$ (117.00)	-23.61%	$ 378.48	$ 303.62	$ (74.86)	-15.11%
10.00%	25	1.86	1,825	$ 206.92	$ 203.08	$ (3.83)	-1.85%	$ 203.08	$ 224.80	$ 21.71	10.49%
35.00%	25	1.86	6,388	$ 593.41	$ 476.23	$ (117.18)	-19.75%	$ 476.23	$ 414.72	$ (61.51)	-10.37%
55.00%	25	1.86	10,038	$ 902.57	$ 694.73	$ (207.84)	-23.03%	$ 694.73	$ 566.65	$ (128.08)	-14.19%
75.00%	25	1.86	13,688	$ 1,211.74	$ 913.23	$ (298.51)	-24.63%	$ 913.23	$ 718.57	$ (194.66)	-16.06%
10.00%	50	3.71	3,650	$ 395.83	$ 384.17	$ (11.67)	-2.95%	$ 384.17	$ 422.60	$ 38.43	9.71%
35.00%	50	3.71	12,775	$ 1,168.74	$ 930.41	$ (238.33)	-20.39%	$ 930.41	$ 802.41	$ (128.00)	-10.95%
55.00%	50	3.71	20,075	$ 1,787.06	$ 1,367.40	$ (419.66)	-23.48%	$ 1,367.40	$ 1,106.25	$ (261.15)	-14.61%
75.00%	50	3.71	27,375	$ 2,405.39	$ 1,804.39	$ (601.00)	-24.99%	$ 1,804.39	$ 1,410.10	$ (394.29)	-16.39%
8.79%	14.32	1.06	919	$ 115.55	$ 118.19	$ 2.65	2.29%	$ 118.19	$ 135.07	$ 16.88	14.61%
					Staff Proposed	$ 2.65	2.29%		Staff Proposed	$ 16.88	14.61%
					SSVEC Proposed Phase 1	$ 2.65	2.29%				

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.
E-01575A-15-0312
BILL IMPACT OF STAFF PROPOSED RATES
GENERAL POWER SERVICE RV PARKS/LARGE POWER SERVICE

			YEAR ONE				YEAR TWO			
Load Factor	kVA	kWh	Existing Rate	Staff Proposed Rate	Chage From Existing Rate - $	Change From Existing Rate - %	Year One Rate	Staff Proposed Rate	Change From Year One Rate - $	Change From Year One Rate - %
Service Availability Charge			$ 50.00	$ 55.00	$ 5.00	10.00%	$ 55.00	$ 55.00	$ -	0.00%
Capacity Charge, per Billing kVA			$ 6.70	$ 8.00	$ 1.30	19.40%	$ 8.00	$ 8.00	$ -	0.00%
Energy Charge, per kWh			$ 0.081102	$ 0.073020	$ (0.008082)	-9.97%	$ 0.073020	$ 0.073020	$ -	0.00%
PCA Factor, per kWh			$(0.006270)	$ -	$ 0.006270	-100.00%	$ -	$ -	$ -	0.00%
10.00%	50	3,650	$ 658.14	$ 721.52	$ 63.38	9.63%	$ 721.52	$ 721.52	$ -	0.00%
30.00%	50	10,950	$ 1,204.41	$ 1,254.57	$ 50.16	4.16%	$ 1,254.57	$ 1,254.57	$ -	0.00%
50.00%	50	18,250	$ 1,750.68	$ 1,787.62	$ 36.94	2.11%	$ 1,787.62	$ 1,787.62	$ -	0.00%
70.00%	50	25,550	$ 2,296.96	$ 2,320.66	$ 23.70	1.03%	$ 2,320.66	$ 2,320.66	$ -	0.00%
90.00%	50	32,850	$ 2,843.23	$ 2,853.71	$ 10.48	0.37%	$ 2,853.71	$ 2,853.71	$ -	0.00%
10.00%	100	7,300	$ 1,266.27	$ 1,388.05	$ 121.78	9.62%	$ 1,388.05	$ 1,388.05	$ -	0.00%
30.00%	100	21,900	$ 2,358.82	$ 2,454.14	$ 95.32	4.04%	$ 2,454.14	$ 2,454.14	$ -	0.00%
50.00%	100	36,500	$ 3,451.37	$ 3,520.23	$ 68.86	2.00%	$ 3,520.23	$ 3,520.23	$ -	0.00%
70.00%	100	51,100	$ 4,543.92	$ 4,586.32	$ 42.40	0.93%	$ 4,586.32	$ 4,586.32	$ -	0.00%
90.00%	100	65,700	$ 5,636.46	$ 5,652.41	$ 15.95	0.28%	$ 5,652.41	$ 5,652.41	$ -	0.00%
10.00%	250	18,250	$ 3,090.68	$ 3,387.62	$ 296.94	9.61%	$ 3,387.62	$ 3,387.62	$ -	0.00%
30.00%	250	54,750	$ 5,822.05	$ 6,052.85	$ 230.80	3.96%	$ 6,052.85	$ 6,052.85	$ -	0.00%
50.00%	250	91,250	$ 8,553.42	$ 8,718.08	$ 164.66	1.93%	$ 8,718.08	$ 8,718.08	$ -	0.00%
70.00%	250	127,750	$11,284.79	$ 11,383.31	$ 98.52	0.87%	$11,383.31	$11,383.31	$ -	0.00%
90.00%	250	164,250	$14,016.16	$ 14,048.54	$ 32.38	0.23%	$14,048.54	$14,048.54	$ -	0.00%
10.00%	500	36,500	$ 6,131.37	$ 6,720.23	$ 588.86	9.60%	$ 6,720.23	$ 6,720.23	$ -	0.00%
30.00%	500	109,500	$11,594.10	$ 12,050.69	$ 456.59	3.94%	$12,050.69	$12,050.69	$ -	0.00%
50.00%	500	182,500	$17,056.84	$ 17,381.15	$ 324.31	1.90%	$17,381.15	$17,381.15	$ -	0.00%
70.00%	500	255,500	$22,519.58	$ 22,711.61	$ 192.03	0.85%	$22,711.61	$22,711.61	$ -	0.00%
90.00%	500	328,500	$27,982.31	$ 28,042.07	$ 59.76	0.21%	$28,042.07	$28,042.07	$ -	0.00%
42.46%	101	31,376	$ 3,076.19	$ 3,155.94	$ 79.75	2.59%	$ 3,155.94	$ 3,155.94	$ -	0.00%
				Staff Proposed	$ 79.75	2.59%		Staff Proposed	$ -	0.00%
				SSVEC Proposed Phase 1	$ 79.75	2.59%				

Note: Discontinued
Transfer to Standard Large Power Rate

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.
E-01575A-15-0312
BILL IMPACT OF STAFF PROPOSED RATES
SEASONAL POWER SERVICE

			YEAR ONE				YEAR TWO			
Load Factor	kVA	kWh	Existing Rate	Staff Proposed Rate	Change From Existing Rate - $	Change From Existing Rate - %	Year One Rate	Staff Proposed Rate	Change From Year One Rate - $	Change From Year One Rate - %
Service Availability Charge			$ 67.00	$ 55.00	$ (12.00)	-17.91%	$ 55.00	$ 55.00	$ -	0.00%
Demand Charge, per Billing kVA			$ 9.55	$ 8.00	$ (1.55)	-16.23%	$ 8.00	$ 8.00	$ -	0.00%
Energy Charge, per kWh			$0.079844	$ 0.073020	$ (0.006824)	-8.55%	$0.073020	$0.073020	$0.000000	0.00%
PCA Factor, per kWh			($0.006270)	$ -	$ 0.006270	-100.00%	$0.000000	$0.000000	$0.000000	0.00%
10.00%	50	3,650	$ 813.05	$ 721.52	$ (91.53)	-11.26%	$ 721.52	$ 721.52	$ -	0.00%
30.00%	50	10,950	$ 1,350.14	$ 1,254.57	$ (95.57)	-7.08%	$ 1,254.57	$ 1,254.57	$ -	0.00%
50.00%	50	18,250	$ 1,887.23	$ 1,787.62	$ (99.61)	-5.28%	$ 1,787.62	$ 1,787.62	$ -	0.00%
70.00%	50	25,550	$ 2,424.32	$ 2,320.66	$ (103.66)	-4.28%	$ 2,320.66	$ 2,320.66	$ -	0.00%
90.00%	50	32,850	$ 2,961.41	$ 2,853.71	$ (107.70)	-3.64%	$ 2,853.71	$ 2,853.71	$ -	0.00%
10.00%	100	7,300	$ 1,559.09	$ 1,388.05	$ (171.04)	-10.97%	$ 1,388.05	$ 1,388.05	$ -	0.00%
30.00%	100	21,900	$ 2,633.27	$ 2,454.14	$ (179.13)	-6.80%	$ 2,454.14	$ 2,454.14	$ -	0.00%
50.00%	100	36,500	$ 3,707.45	$ 3,520.23	$ (187.22)	-5.05%	$ 3,520.23	$ 3,520.23	$ -	0.00%
70.00%	100	51,100	$ 4,781.63	$ 4,586.32	$ (195.31)	-4.08%	$ 4,586.32	$ 4,586.32	$ -	0.00%
90.00%	100	65,700	$ 5,855.81	$ 5,652.41	$ (203.40)	-3.47%	$ 5,652.41	$ 5,652.41	$ -	0.00%
10.00%	250	18,250	$ 3,797.23	$ 3,387.62	$ (409.61)	-10.79%	$ 3,387.62	$ 3,387.62	$ -	0.00%
30.00%	250	54,750	$ 6,482.68	$ 6,052.85	$ (429.83)	-6.63%	$ 6,052.85	$ 6,052.85	$ -	0.00%
50.00%	250	91,250	$ 9,168.13	$ 8,718.08	$ (450.05)	-4.91%	$ 8,718.08	$ 8,718.08	$ -	0.00%
70.00%	250	127,750	$11,853.58	$ 11,383.31	$ (470.27)	-3.97%	$ 11,383.31	$ 11,383.31	$ -	0.00%
90.00%	250	164,250	$14,539.03	$ 14,048.54	$ (490.49)	-3.37%	$ 14,048.54	$ 14,048.54	$ -	0.00%
10.00%	500	36,500	$ 7,527.45	$ 6,720.23	$ (807.22)	-10.72%	$ 6,720.23	$ 6,720.23	$ -	0.00%
30.00%	500	109,500	$12,898.35	$ 12,050.69	$ (847.66)	-6.57%	$ 12,050.69	$ 12,050.69	$ -	0.00%
50.00%	500	182,500	$18,269.26	$ 17,381.15	$ (888.11)	-4.86%	$ 17,381.15	$ 17,381.15	$ -	0.00%
70.00%	500	255,500	$23,640.16	$ 22,711.61	$ (928.55)	-3.93%	$ 22,711.61	$ 22,711.61	$ -	0.00%
90.00%	500	328,500	$29,011.06	$ 28,042.07	$ (968.99)	-3.34%	$ 28,042.07	$ 28,042.07	$ -	0.00%
16.27%	119	14,133	$ 2,243.06	$ 2,038.82	$ (204.24)	-9.11%	$ 2,038.82	$ 2,038.82	$ -	0.00%
				Staff Proposed	$ (204.24)	-9.11%		Staff Proposed	$ -	0.00%
				SSVEC Proposed	$ (204.24)	-9.11%				

Note: Discontinued
Transfer to Standard Large Power Rate

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.
E-01575A-15-0312
BILL IMPACT OF STAFF PROPOSED RATES
LARGE POWER SERVICE

			YEAR ONE				YEAR TWO			
Load Factor	kVA	kWh	Existing Rate	Staff Proposed Rate	Change From Existing Rate - $	Change From Existing Rate - %	Year One Rate	Staff Proposed Rate	Change From Year One Rate - $	Change From Year One Rate - %
Service Availability Charge			$ 55.00	$ 55.00	$ -	0.00%	$ 55.00	$ 55.00	$ -	0.00%
Demand Charge, per Billing kVA			$ 7.05	$ 8.00	$ 0.95	13.48%	$ 8.00	$ 8.00	$ -	0.00%
Energy Charge, per kWh			$ 0.079844	$ 0.073020	$ (0.006824)	-8.55%	$ 0.073020	$ 0.073020	$ -	0.00%
PCA Factor, per kWh			$(0.006270)	$ -	$ 0.006270	-100.00%	$ -	$ -	$ -	0.00%
10.00%	50	3,650	$ 676.05	$ 721.52	$ 45.47	6.73%	$ 721.52	$ 721.52	$ -	0.00%
30.00%	50	10,950	$ 1,213.14	$ 1,254.57	$ 41.43	3.42%	$ 1,254.57	$ 1,254.57	$ -	0.00%
50.00%	50	18,250	$ 1,750.23	$ 1,787.62	$ 37.39	2.14%	$ 1,787.62	$ 1,787.62	$ -	0.00%
70.00%	50	25,550	$ 2,287.32	$ 2,320.66	$ 33.34	1.46%	$ 2,320.66	$ 2,320.66	$ -	0.00%
90.00%	50	32,850	$ 2,824.41	$ 2,853.71	$ 29.30	1.04%	$ 2,853.71	$ 2,853.71	$ -	0.00%
10.00%	100	7,300	$ 1,297.09	$ 1,388.05	$ 90.96	7.01%	$ 1,388.05	$ 1,388.05	$ -	0.00%
30.00%	100	21,900	$ 2,371.27	$ 2,454.14	$ 82.87	3.49%	$ 2,454.14	$ 2,454.14	$ -	0.00%
50.00%	100	36,500	$ 3,445.45	$ 3,520.23	$ 74.78	2.17%	$ 3,520.23	$ 3,520.23	$ -	0.00%
70.00%	100	51,100	$ 4,519.63	$ 4,586.32	$ 66.69	1.48%	$ 4,586.32	$ 4,586.32	$ -	0.00%
90.00%	100	65,700	$ 5,593.81	$ 5,652.41	$ 58.60	1.05%	$ 5,652.41	$ 5,652.41	$ -	0.00%
10.00%	250	18,250	$ 3,160.23	$ 3,387.62	$ 227.39	7.20%	$ 3,387.62	$ 3,387.62	$ -	0.00%
30.00%	250	54,750	$ 5,845.68	$ 6,052.85	$ 207.17	3.54%	$ 6,052.85	$ 6,052.85	$ -	0.00%
50.00%	250	91,250	$ 8,531.13	$ 8,718.08	$ 186.95	2.19%	$ 8,718.08	$ 8,718.08	$ -	0.00%
70.00%	250	127,750	$11,216.58	$ 11,383.31	$ 166.73	1.49%	$ 11,383.31	$ 11,383.31	$ -	0.00%
90.00%	250	164,250	$13,902.03	$ 14,048.54	$ 146.51	1.05%	$ 14,048.54	$ 14,048.54	$ -	0.00%
10.00%	500	36,500	$ 6,265.45	$ 6,720.23	$ 454.78	7.26%	$ 6,720.23	$ 6,720.23	$ -	0.00%
30.00%	500	109,500	$11,636.35	$ 12,050.69	$ 414.34	3.56%	$ 12,050.69	$ 12,050.69	$ -	0.00%
50.00%	500	182,500	$17,007.26	$ 17,381.15	$ 373.89	2.20%	$ 17,381.15	$ 17,381.15	$ -	0.00%
70.00%	500	255,500	$22,378.16	$ 22,711.61	$ 333.45	1.49%	$ 22,711.61	$ 22,711.61	$ -	0.00%
90.00%	500	328,500	$27,749.06	$ 28,042.07	$ 293.01	1.06%	$ 28,042.07	$ 28,042.07	$ -	0.00%
38.56%	95	26,773	$ 2,695.30	$ 2,770.82	$ 75.52	2.80%	$ 2,770.82	$ 2,770.82	$ -	0.00%
				Staff Proposed	$ 75.52	2.80%		Staff Proposed	$ -	0.00%
				SSVEC Proposed	$ 75.52	2.80%				

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.
E-01575A-15-0312
BILL IMPACT OF STAFF PROPOSED RATES
LARGE POWER TOU SERVICE

				YEAR ONE				YEAR TWO			
Load Factor	kW	Peak kW 3.625%	kWh	Existing Rate	Staff Proposed Rate	Change From Existing Rate - $	Change From Existing Rate - %	Year One Rate	Staff Proposed Rate	Change From Year One Rate - $	Change From Year One Rate - %
Service Availability Charge				$ 55.00	$ 55.00	$ -	0.00%	$ 55.00	$ 55.00	$ -	0.00%
Capacity Charge, per kVA											
All On-Peak kVA				$ 17.15	$ 20.00	$ 2.85	16.62%	$ 20.00	$ 20.00	$ -	0.00%
All Off-Peak kVA				$ 4.15	$ 4.00	$ (0.15)	-3.61%	$ 4.00	$ 4.00	$ -	0.00%
Energy Charge, per kWh				$ 0.055515	$ 0.047046	$(0.008469)	-15.26%	$ 0.047046	$ 0.047046	$ -	0.00%
PCA Factor, per kWh				$(0.006270)	$ -	$ 0.006270	-100.00%	$ -	$ -	$ -	0.00%
10.00%	50	1.81	3,650	$ 465.81	$ 455.72	$ (10.09)	-2.17%	$ 455.72	$ 455.72	$ -	0.00%
30.00%	50	1.81	10,950	$ 825.30	$ 799.15	$ (26.14)	-3.17%	$ 799.15	$ 799.15	$ -	0.00%
50.00%	50	1.81	18,250	$ 1,184.78	$ 1,142.59	$ (42.19)	-3.56%	$ 1,142.59	$ 1,142.59	$ -	0.00%
70.00%	50	1.81	25,550	$ 1,544.27	$ 1,486.03	$ (58.25)	-3.77%	$ 1,486.03	$ 1,486.03	$ -	0.00%
90.00%	50	1.81	32,850	$ 1,903.76	$ 1,829.46	$ (74.30)	-3.90%	$ 1,829.46	$ 1,829.46	$ -	0.00%
10.00%	100	3.63	7,300	$ 876.61	$ 856.44	$ (20.18)	-2.30%	$ 856.44	$ 856.44	$ -	0.00%
30.00%	100	3.63	21,900	$ 1,595.59	$ 1,543.31	$ (52.28)	-3.28%	$ 1,543.31	$ 1,543.31	$ -	0.00%
50.00%	100	3.63	36,500	$ 2,314.57	$ 2,230.18	$ (84.39)	-3.65%	$ 2,230.18	$ 2,230.18	$ -	0.00%
70.00%	100	3.63	51,100	$ 3,033.55	$ 2,917.05	$ (116.49)	-3.84%	$ 2,917.05	$ 2,917.05	$ -	0.00%
90.00%	100	3.63	65,700	$ 3,752.52	$ 3,603.92	$ (148.60)	-3.96%	$ 3,603.92	$ 3,603.92	$ -	0.00%
10.00%	250	9.06	18,250	$ 2,109.04	$ 2,058.59	$ (50.44)	-2.39%	$ 2,058.59	$ 2,058.59	$ -	0.00%
30.00%	250	9.06	54,750	$ 3,906.48	$ 3,775.77	$ (130.71)	-3.35%	$ 3,775.77	$ 3,775.77	$ -	0.00%
50.00%	250	9.06	91,250	$ 5,703.92	$ 5,492.95	$ (210.97)	-3.70%	$ 5,492.95	$ 5,492.95	$ -	0.00%
70.00%	250	9.06	127,750	$ 7,501.36	$ 7,210.13	$ (291.23)	-3.88%	$ 7,210.13	$ 7,210.13	$ -	0.00%
90.00%	250	9.06	164,250	$ 9,298.81	$ 8,927.31	$ (371.50)	-4.00%	$ 8,927.31	$ 8,927.31	$ -	0.00%
10.00%	500	18.13	36,500	$ 4,163.07	$ 4,062.19	$ (100.89)	-2.42%	$ 4,062.19	$ 4,062.19	$ -	0.00%
30.00%	500	18.13	109,500	$ 7,757.96	$ 7,496.54	$ (261.41)	-3.37%	$ 7,496.54	$ 7,496.54	$ -	0.00%
50.00%	500	18.13	182,500	$11,352.84	$10,930.90	$ (421.94)	-3.72%	$ 10,930.90	$ 10,930.90	$ -	0.00%
70.00%	500	18.13	255,500	$14,947.73	$14,365.26	$ (582.47)	-3.90%	$ 14,365.26	$ 14,365.26	$ -	0.00%
90.00%	500	18.13	328,500	$18,542.61	$17,799.62	$ (743.00)	-4.01%	$ 17,799.62	$ 17,799.62	$ -	0.00%
2.52%	214	7.75	3,931	$ 1,236.94	$ 1,219.47	$ (17.47)	-1.41%	$ 1,219.47	$ 1,219.47	$ -	0.00%
					Staff Proposed	$ (17.47)	-1.41%		Staff Proposed	$ -	0.00%
					SSVEC Proposed	$ (17.47)	-1.41%				

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.
E-01575A-15-0312
BILL IMPACT OF STAFF PROPOSED RATES
INDUSTRIAL SERVICE

			YEAR ONE				YEAR TWO			
Load Factor	kVA	kWh	Existing Rate	Staff Proposed Rate	Change From Existing Rate - $	Change From Existing Rate - %	Year One Rate	Staff Proposed Rate	Change From Year One Rate - $	Change From Year One Rate - %
Service Availability Charge			$ 233.50	$ 400.00	$ 166.50	71.31%	$ 400.00	$ 400.00	$ -	0.00%
Demand Charge, per Billing kVA			$ 6.45	$ 7.00	$ 0.55	8.53%	$ 7.00	$ 7.00	$ -	0.00%
Energy Charge, per kWh										
First 400 kWh/kVA			$ 0.079830	$ 0.073135	$ (0.006695)	-8.39%	$ 0.073135	$ 0.073135	$ -	0.00%
Over 400 kWh/kVA			$ 0.050730	$ 0.046746	$ (0.003984)	-7.85%	$ 0.046746	$ 0.046746	$ -	0.00%
PCA Factor, per kWh			$ (0.006270)	$ -	$ 0.006270	-100.00%	$ -	$ -	$ -	0.00%
10.00%	50	3,650	$ 824.49	$ 1,016.94	$ 192.45	23.34%	$ 1,016.94	$ 1,016.94	$ -	0.00%
30.00%	50	10,950	$ 1,361.48	$ 1,550.83	$ 189.35	13.91%	$ 1,550.83	$ 1,550.83	$ -	0.00%
50.00%	50	18,250	$ 1,898.47	$ 2,084.71	$ 186.24	9.81%	$ 2,084.71	$ 2,084.71	$ -	0.00%
70.00%	50	25,550	$ 2,273.95	$ 2,472.14	$ 198.19	8.72%	$ 2,472.14	$ 2,472.14	$ -	0.00%
90.00%	50	32,850	$ 2,598.51	$ 2,813.39	$ 214.88	8.27%	$ 2,813.39	$ 2,813.39	$ -	0.00%
10.00%	100	7,300	$ 1,415.49	$ 1,633.89	$ 218.40	15.43%	$ 1,633.89	$ 1,633.89	$ -	0.00%
30.00%	100	21,900	$ 2,489.46	$ 2,701.66	$ 212.20	8.52%	$ 2,701.66	$ 2,701.66	$ -	0.00%
50.00%	100	36,500	$ 3,563.44	$ 3,769.43	$ 205.99	5.78%	$ 3,769.43	$ 3,769.43	$ -	0.00%
70.00%	100	51,100	$ 4,314.41	$ 4,544.28	$ 229.87	5.33%	$ 4,544.28	$ 4,544.28	$ -	0.00%
90.00%	100	65,700	$ 4,963.52	$ 5,226.77	$ 263.25	5.30%	$ 5,226.77	$ 5,226.77	$ -	0.00%
10.00%	250	18,250	$ 3,188.47	$ 3,484.71	$ 296.24	9.29%	$ 3,484.71	$ 3,484.71	$ -	0.00%
30.00%	250	54,750	$ 5,873.41	$ 6,154.14	$ 280.73	4.78%	$ 6,154.14	$ 6,154.14	$ -	0.00%
50.00%	250	91,250	$ 8,558.35	$ 8,823.57	$ 265.22	3.10%	$ 8,823.57	$ 8,823.57	$ -	0.00%
70.00%	250	127,750	$ 10,435.77	$ 10,760.70	$ 324.93	3.11%	$ 10,760.70	$ 10,760.70	$ -	0.00%
90.00%	250	164,250	$ 12,058.56	$ 12,466.93	$ 408.37	3.39%	$ 12,466.93	$ 12,466.93	$ -	0.00%
10.00%	500	36,500	$ 6,143.44	$ 6,569.43	$ 425.99	6.93%	$ 6,569.43	$ 6,569.43	$ -	0.00%
30.00%	500	109,500	$ 11,513.32	$ 11,908.28	$ 394.96	3.43%	$ 11,908.28	$ 11,908.28	$ -	0.00%
50.00%	500	182,500	$ 16,883.20	$ 17,247.14	$ 363.94	2.16%	$ 17,247.14	$ 17,247.14	$ -	0.00%
70.00%	500	255,500	$ 20,638.03	$ 21,121.40	$ 483.37	2.34%	$ 21,121.40	$ 21,121.40	$ -	0.00%
90.00%	500	328,500	$ 23,883.61	$ 24,533.86	$ 650.25	2.72%	$ 24,533.86	$ 24,533.86	$ -	0.00%
54.01%	735	289,608	$ 25,637.82	$ 26,144.64	$ 506.82	1.98%	$ 26,144.64	$ 26,144.64	$ -	0.00%
				Staff Proposed	$ 506.82	1.98%		Staff Proposed	$ -	0.00%
				SSVEC Proposed	$ 506.82	1.98%				

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.
E-01575A-15-0312
BILL IMPACT OF STAFF PROPOSED RATES
SECURITY LIGHTS

			YEAR ONE				YEAR TWO			
kWh Usage	Existing kWh	Proposed kWh	Existing Rate	Staff Proposed Rate	Change From Existing Rate - $	Change From Existing Rate - %	Year One Rate	Staff Proposed Rate	Change From Year One Rate - $	Change From Year One Rate - %
175 Watt MVL on Existing Pole	60 kWh/Mo	63 kWh/Mo	$ 11.97	**Discontinued**			Discontinued			
35 to 75 Watt LED on Existing Pole		25 kWh/Mo		$ 11.74			$ 11.74	$ 11.74	$ -	
100 Watt HPS on Existing Pole	60 kWh/Mo	36 kWh/Mo	$ 11.47	$ 11.74	$ 0.27	2.35%	$ 11.74	$ 11.74	$ -	0.00%
35 Watt LPS on Existing Pole	60 kWh/Mo	15 kWh/Mo	$ 9.26	$ 10.48	$ 1.22	13.17%	$ 10.48	$ 10.48	$ -	0.00%
Additional Poles for Security Lighting			$ 2.05	$ 2.15	$ 0.10	4.88%	$ 2.15	$ 2.15	$ -	0.00%
PCA Factor, per kWh			$(0.006270)	$ -	$0.006270	-100.00%	$ -	$ -	$ -	0.00%
175 Watt MVL on Existing Pole			$ 11.59	**Discontinued**						
35 to 75 Watt LED on Existing Pole				$ 11.74			$ 11.74	$ 11.74	$ -	0.00%
100 Watt HPS on Existing Pole			$ 11.09	$ 11.74	$ 0.65	5.86%	$ 11.74	$ 11.74	$ -	0.00%
35 Watt LPS on Existing Pole			$ 8.88	$ 10.48	$ 1.60	18.02%	$ 10.48	$ 10.48	$ -	0.00%
Additional Poles for Security Lighting			$ 2.05	$ 2.15	$ 0.10	4.88%	$ 2.15	$ 2.15	$ -	0.00%

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.
E-01575A-15-0312
BILL IMPACT OF STAFF PROPOSED RATES
STREET LIGHTS

		YEAR ONE						YEAR TWO					
		Existing Rate	Staff Proposed Rate	Existing Billing	Staff Proposed Billing	Change From Existing Billing - $	Change From Existing Billing - %	Year One Rate	Staff Proposed Rate	Existing Billing	Staff Proposed Billing	Change From Year One Billing - $	Change From Year One Billing - %
PCA Factor, per kWh		$ (0.006270)	$ -					$ -	$ -				
Street Lighting Cooperative Provided													
70 Watt HPS	25 kWh/Mo	$ 12.90	$ 13.16	$ 12.74	$ 13.16	$ 0.42	3.30%	$ 13.16	$ 13.16	$ 13.16	$ 13.16	$ -	0.00%
100 Watt HPS - Single/Wood	36 kWh/Mo	$ 11.73	$ 11.88	$ 11.50	$ 11.88	$ 0.38	3.30%	$ 11.88	$ 11.88	$ 11.88	$ 11.88	$ -	0.00%
100 Watt HPS - Single/Steel	36 kWh/Mo	$ 16.74	$ 17.06	$ 16.51	$ 17.06	$ 0.55	3.33%	$ 17.06	$ 17.06	$ 17.06	$ 17.06	$ -	0.00%
100 Watt HPS - Double/Wood	72 kWh/Mo	$ 21.68	$ 21.93	$ 21.23	$ 21.93	$ 0.70	3.30%	$ 21.93	$ 21.93	$ 21.93	$ 21.93	$ -	0.00%
100 Watt HPS - Double/Steel	72 kWh/Mo	$ 24.10	$ 24.43	$ 23.65	$ 24.43	$ 0.78	3.30%	$ 24.43	$ 24.43	$ 24.43	$ 24.43	$ -	0.00%
175 Watt MV - Single/Wood	63 kWh/Mo	$ 13.56	Discontinued					Discontinued	Discontinued				
175 Watt MV - Single/Steel	63 kWh/Mo	$ 16.44	Discontinued					Discontinued					
175 Watt MV - Double/Wood	126 kWh/Mo	$ 24.50	Discontinued					Discontinued					
175 Watt MV - Double/Steel	126 kWh/Mo	$ 26.86	Discontinued					Discontinued					
35 to 75 Watt LED - Single/Wood	25 kWh/Mo		$ 11.88		$ 11.88			$ 11.88	$ 11.88		$ 11.88		
35 to 75 Watt LED - Single/Steel	25 kWh/Mo		$ 17.06		$ 17.06			$ 17.06	$ 17.06		$ 17.06		
35 to 75 Watt LED - Double/Wood	50 kWh/Mo		$ 21.93		$ 21.93			$ 21.93	$ 21.93		$ 21.93		
35 to 75 Watt LED - Double/Steel	50 kWh/Mo		$ 24.43		$ 24.43			$ 24.43	$ 24.43		$ 24.43		
150 Watt HPS - Single/Wood	54 kWh/Mo	$ 15.40	$ 15.56	$ 15.06	$ 15.56	$ 0.50	3.32%	$ 15.56	$ 15.56	$ 15.56	$ 15.56	$ -	0.00%
150 Watt HPS - Single/Steel	54 kWh/Mo	$ 18.54	$ 18.80	$ 18.20	$ 18.80	$ 0.60	3.30%	$ 18.80	$ 18.80	$ 18.80	$ 18.80	$ -	0.00%
150 Watt HPS - Double/Wood	108 kWh/Mo	$ 28.96	$ 29.21	$ 28.28	$ 29.21	$ 0.93	3.29%	$ 29.21	$ 29.21	$ 29.21	$ 29.21	$ -	0.00%
150 Watt HPS - Double/Steel	108 kWh/Mo	$ 31.58	$ 31.92	$ 30.90	$ 31.92	$ 1.02	3.30%	$ 31.92	$ 31.92	$ 31.92	$ 31.92	$ -	0.00%
250 Watt MV - Single/Wood	90 kWh/Mo	$ 17.49	Discontinued					Discontinued	Discontinued				
250 Watt MV - Single/Steel	90 kWh/Mo	$ 20.70	Discontinued					Discontinued					
250 Watt MV - Double/Wood	180 kWh/Mo	$ 32.49	Discontinued					Discontinued					
250 Watt MV - Double/Steel	180 kWh/Mo	$ 35.11	Discontinued					Discontinued					
76 to 125 Watt LED - Single/Wood	42 kWh/Mo		$ 15.56		$ 15.56			$ 15.56	$ 15.56		$ 15.56		
76 to 125 Watt LED - Single/Steel	42 kWh/Mo		$ 18.80		$ 18.80			$ 18.80	$ 18.80		$ 18.80		
76 to 125 Watt LED - Double/Wood	84 kWh/Mo		$ 29.21		$ 29.21			$ 29.21	$ 29.21		$ 29.21		
76 to 125 Watt LED - Double/Steel	84 kWh/Mo		$ 31.92		$ 31.92			$ 31.92	$ 31.92		$ 31.92		
250 Watt HPS - Single/Wood	90 kWh/Mo	$ 21.55	$ 21.68	$ 20.99	$ 21.68	$ 0.69	3.29%	$ 21.68	$ 21.68	$ 21.68	$ 21.68	$ -	0.00%
250 Watt HPS - Single/Steel	90 kWh/Mo	$ 24.43	$ 24.65	$ 23.87	$ 24.65	$ 0.78	3.27%	$ 24.65	$ 24.65	$ 24.65	$ 24.65	$ -	0.00%
250 Watt HPS - Double/Wood	180 kWh/Mo	$ 41.13	$ 41.32	$ 40.00	$ 41.32	$ 1.32	3.30%	$ 41.32	$ 41.32	$ 41.32	$ 41.32	$ -	0.00%
250 Watt HPS - Double/Steel	180 kWh/Mo	$ 43.23	$ 43.48	$ 42.10	$ 43.48	$ 1.38	3.28%	$ 43.48	$ 43.48	$ 43.48	$ 43.48	$ -	0.00%
400 Watt MV - Single/Wood	144 kWh/Mo	$ 24.30	Discontinued					Discontinued	Discontinued				
400 Watt MV - Single/Steel	144 kWh/Mo	$ 27.19	Discontinued					Discontinued					
400 Watt MV - Double/Wood	288 kWh/Mo	$ 46.17	Discontinued					Discontinued					
400 Watt MV - Double/Steel	288 kWh/Mo	$ 48.34	Discontinued					Discontinued					
126 to 175 Watt LED - Single/Wood	58 kWh/Mo		$ 21.68		$ 21.68			$ 21.68	$ 21.68		$ 21.68		
126 to 175 Watt LED - Single/Steel	58 kWh/Mo		$ 24.65		$ 24.65			$ 24.65	$ 24.65		$ 24.65		
126 to 175 Watt LED - Double/Woo	116 kWh/Mo		$ 41.32		$ 41.32			$ 41.32	$ 41.32		$ 41.32		
126 to 175 Watt LED - Double/Steel	116 kWh/Mo		$ 43.48		$ 43.48			$ 43.48	$ 43.48		$ 43.48		
176 to 225 Watt LED - Single/Wood	75 kWh/Mo		$ 24.20		$ 24.20			$ 24.20	$ 24.20		$ 24.20		
176 to 225 Watt LED - Single/Steel	75 kWh/Mo		$ 27.17		$ 27.17			$ 27.17	$ 27.17		$ 27.17		

BILL IMPACT OF STAFF PROPOSED RATES
STREET LIGHTS

		YEAR ONE						YEAR TWO					
		Existing Rate	Staff Proposed Rate	Existing Billing	Staff Proposed Billing	Change From Existing Billing - $	Change From Existing Billing - %	Year One Rate	Staff Proposed Rate	Existing Billing	Staff Proposed Billing	Change From Year One Billing - $	Change From Year One Billing - %
PCA Factor, per kWh		$ (0.006270)	$ -					$ -	$ -				
176 to 225 Watt LED - Double/Woo	150 kWh/Mo		$ 46.36		$ 46.36			$ 46.36	$ 46.36		$ 46.36		
176 to 225 Watt LED - Double/Steel	150 kWh/Mo		$ 48.52		$ 48.52			$ 48.52	$ 48.52		$ 48.52		
Street Lighting Customer Provided													
100 Watt HPS - Single/Wood	36 kWh/Mo	$ 9.04	$ 9.10	$ 8.81	$ 9.10	$ 0.29	3.29%	$ 9.10	$ 9.10	$ 9.10	$ 9.10	$ -	0.00%
100 Watt HPS - Single/Steel	36 kWh/Mo	$ 10.68	$ 10.80	$ 10.45	$ 10.80	$ 0.35	3.35%	$ 10.80	$ 10.80	$ 10.80	$ 10.80	$ -	0.00%
100 Watt HPS - Double/Wood	72 kWh/Mo	$ 17.35	$ 17.45	$ 16.90	$ 17.45	$ 0.55	3.25%	$ 17.45	$ 17.45	$ 17.45	$ 17.45	$ -	0.00%
100 Watt HPS - Double/Steel	72 kWh/Mo	$ 18.40	$ 18.54	$ 17.95	$ 18.54	$ 0.59	3.29%	$ 18.54	$ 18.54	$ 18.54	$ 18.54	$ -	0.00%
35 to 75 Watt LED - Single/Wood	25 kWh/Mo		$ 9.10		$ 9.10			$ 9.10	$ 9.10		$ 9.10		
35 to 75 Watt LED - Single/Steel	25 kWh/Mo		$ 10.80		$ 10.80			$ 10.80	$ 10.80		$ 10.80		
35 to 75 Watt LED - Double/Wood	50 kWh/Mo		$ 17.45		$ 17.45			$ 17.45	$ 17.45		$ 17.45		
35 to 75 Watt LED - Double/Steel	50 kWh/Mo		$ 18.54		$ 18.54			$ 18.54	$ 18.54		$ 18.54		
150 Watt HPS - Single/Wood	54 kWh/Mo	$ 12.11	$ 12.16	$ 11.77	$ 12.16	$ 0.39	3.31%	$ 12.16	$ 12.16	$ 12.16	$ 12.16	$ -	0.00%
150 Watt HPS - Single/Steel	54 kWh/Mo	$ 13.76	$ 13.86	$ 13.42	$ 13.86	$ 0.44	3.28%	$ 13.86	$ 13.86	$ 13.86	$ 13.86	$ -	0.00%
150 Watt HPS - Double/Wood	108 kWh/Mo	$ 23.12	$ 23.18	$ 22.44	$ 23.18	$ 0.74	3.30%	$ 23.18	$ 23.18	$ 23.18	$ 23.18	$ -	0.00%
150 Watt HPS - Double/Steel	108 kWh/Mo	$ 24.37	$ 24.47	$ 23.69	$ 24.47	$ 0.78	3.29%	$ 24.47	$ 24.47	$ 24.47	$ 24.47	$ -	0.00%
76 to 125 Watt LED - Single/Wood	42 kWh/Mo		$ 12.16		$ 12.16			$ 12.16	$ 12.16		$ 12.16		
76 to 125 Watt LED - Single/Steel	42 kWh/Mo		$ 13.86		$ 13.86			$ 13.86	$ 13.86		$ 13.86		
76 to 125 Watt LED - Double/Wood	84 kWh/Mo		$ 23.18		$ 23.18			$ 23.18	$ 23.18		$ 23.18		
76 to 125 Watt LED - Double/Steel	84 kWh/Mo		$ 24.47		$ 24.47			$ 24.47	$ 24.47		$ 24.47		
250 Watt HPS - Single/Wood	90 kWh/Mo	$ 17.69	$ 17.69	$ 17.13	$ 17.69	$ 0.56	3.27%	$ 17.69	$ 17.69	$ 17.69	$ 17.69	$ -	0.00%
250 Watt HPS - Single/Steel	90 kWh/Mo	$ 19.13	$ 19.18	$ 18.57	$ 19.18	$ 0.61	3.28%	$ 19.18	$ 19.18	$ 19.18	$ 19.18	$ -	0.00%
250 Watt HPS - Double/Wood	180 kWh/Mo	$ 34.38	$ 34.34	$ 33.25	$ 34.34	$ 1.09	3.28%	$ 34.34	$ 34.34	$ 34.34	$ 34.34	$ -	0.00%
250 Watt HPS - Double/Steel	180 kWh/Mo	$ 34.98	$ 34.96	$ 33.85	$ 34.96	$ 1.11	3.28%	$ 34.96	$ 34.96	$ 34.96	$ 34.96	$ -	0.00%
126 to 175 Watt LED - Single/Wood	58 kWh/Mo		$ 17.69		$ 17.69			$ 17.69	$ 17.69		$ 17.69		
126 to 175 Watt LED - Single/Steel	58 kWh/Mo		$ 19.18		$ 19.18			$ 19.18	$ 19.18		$ 19.18		
126 to 175 Watt LED - Double/Woo	116 kWh/Mo		$ 34.34		$ 34.34			$ 34.34	$ 34.34		$ 34.34		
126 to 175 Watt LED - Double/Steel	116 kWh/Mo		$ 34.96		$ 34.96			$ 34.96	$ 34.96		$ 34.96		
176 to 225 Watt LED - Single/Wood	75 kWh/Mo		$ 19.88		$ 19.88			$ 19.88	$ 19.88		$ 19.88		
176 to 225 Watt LED - Single/Steel	75 kWh/Mo		$ 21.37		$ 21.37			$ 21.37	$ 21.37		$ 21.37		
176 to 225 Watt LED - Double/Woo	150 kWh/Mo		$ 38.72		$ 38.72			$ 38.72	$ 38.72		$ 38.72		
176 to 225 Watt LED - Double/Steel	150 kWh/Mo		$ 39.34		$ 39.34			$ 39.34	$ 39.34		$ 39.34		

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.
E-01575A-15-0312
BILL IMPACT OF STAFF PROPOSED RATES
IRRIGATION SERVICE

			YEAR ONE				YEAR TWO			
Load Factor	kVA	kWh	Existing Rate	Staff Proposed Rate	Change From Existing Rates - $	Change From Existing Rates - %	Year One Rate	Staff Proposed Rate	Change From Year One Rates - $	Change From Year One Rates - %
Service Availability Charge			$ 30.00	$ 30.00	$ -	0.00%	$ 30.00	$ 30.00	$ -	0.00%
Capacity Charge, Apr - Oct, per Billing kVA			$ 7.15	$ 8.25	$ 1.10	15.38%	$ 8.25	$ 8.25	$ -	0.00%
Energy Charge, Apr - Oct, per kWh			$ 0.088509	$ 0.082502	$(0.006007)	-6.79%	$ 0.082502	$ 0.082502	$ -	0.00%
Energy Charge, Nov - Mar, per kWh										
First 300 kWh/kVA			$ 0.114209	$ 0.108284	$(0.005925)	-5.19%	$ 0.108284	$ 0.108284	$ -	0.00%
Over 300 kWh/kVA			$ 0.087209	$ 0.081198	$(0.006011)	-6.89%	$ 0.081198	$ 0.081198	$ -	0.00%
PCA Factor, per kWh			$ (0.006270)	$ -	$ 0.006270	-100.00%	$ -	$ -	$ -	0.00%
				Summer, April - October						
10.00%	50	3,650	$ 687.67	$ 743.63	$ 55.96	8.14%	$ 743.63	$ 743.63	$ -	0.00%
30.00%	50	10,950	$ 1,288.02	$ 1,345.90	$ 57.88	4.49%	$ 1,345.90	$ 1,345.90	$ -	0.00%
50.00%	50	18,250	$ 1,888.36	$ 1,948.16	$ 59.80	3.17%	$ 1,948.16	$ 1,948.16	$ -	0.00%
70.00%	50	25,550	$ 2,488.71	$ 2,550.43	$ 61.72	2.48%	$ 2,550.43	$ 2,550.43	$ -	0.00%
90.00%	50	32,850	$ 3,089.05	$ 3,152.69	$ 63.64	2.06%	$ 3,152.69	$ 3,152.69	$ -	0.00%
10.00%	100	7,300	$ 1,345.34	$ 1,457.26	$ 111.92	8.32%	$ 1,457.26	$ 1,457.26	$ -	0.00%
30.00%	100	21,900	$ 2,546.03	$ 2,661.79	$ 115.76	4.55%	$ 2,661.79	$ 2,661.79	$ -	0.00%
50.00%	100	36,500	$ 3,746.72	$ 3,866.32	$ 119.60	3.19%	$ 3,866.32	$ 3,866.32	$ -	0.00%
70.00%	100	51,100	$ 4,947.41	$ 5,070.85	$ 123.44	2.50%	$ 5,070.85	$ 5,070.85	$ -	0.00%
90.00%	100	65,700	$ 6,148.10	$ 6,275.38	$ 127.28	2.07%	$ 6,275.38	$ 6,275.38	$ -	0.00%
10.00%	250	18,250	$ 3,318.36	$ 3,598.16	$ 279.80	8.43%	$ 3,598.16	$ 3,598.16	$ -	0.00%
30.00%	250	54,750	$ 6,320.09	$ 6,609.48	$ 289.39	4.58%	$ 6,609.48	$ 6,609.48	$ -	0.00%
50.00%	250	91,250	$ 9,321.81	$ 9,620.81	$ 299.00	3.21%	$ 9,620.81	$ 9,620.81	$ -	0.00%
70.00%	250	127,750	$ 12,323.53	$ 12,632.13	$ 308.60	2.50%	$ 12,632.13	$ 12,632.13	$ -	0.00%
90.00%	250	164,250	$ 15,325.26	$ 15,643.45	$ 318.19	2.08%	$ 15,643.45	$ 15,643.45	$ -	0.00%
10.00%	500	36,500	$ 6,606.72	$ 7,166.32	$ 559.60	8.47%	$ 7,166.32	$ 7,166.32	$ -	0.00%
30.00%	500	109,500	$ 12,610.17	$ 13,188.97	$ 578.80	4.59%	$ 13,188.97	$ 13,188.97	$ -	0.00%
50.00%	500	182,500	$ 18,613.62	$ 19,211.62	$ 598.00	3.21%	$ 19,211.62	$ 19,211.62	$ -	0.00%
70.00%	500	255,500	$ 24,617.06	$ 25,234.26	$ 617.20	2.51%	$ 25,234.26	$ 25,234.26	$ -	0.00%
90.00%	500	328,500	$ 30,620.51	$ 31,256.91	$ 636.40	2.08%	$ 31,256.91	$ 31,256.91	$ -	0.00%
35.62%	61	15,765	$ 1,760.02	$ 1,830.86	$ 70.84	4.02%	$ 1,830.86	$ 1,830.86	$ -	0.00%
				Winter, November - March						
10.00%	50	3,650	$ 423.98	$ 425.24	$ 1.26	0.30%	$ 425.24	$ 425.24	$ -	0.00%
30.00%	50	10,950	$ 1,211.93	$ 1,215.71	$ 3.78	0.31%	$ 1,215.71	$ 1,215.71	$ -	0.00%
50.00%	50	18,250	$ 1,912.14	$ 1,918.15	$ 6.01	0.31%	$ 1,918.15	$ 1,918.15	$ -	0.00%
70.00%	50	25,550	$ 2,502.99	$ 2,510.90	$ 7.91	0.32%	$ 2,510.90	$ 2,510.90	$ -	0.00%
90.00%	50	32,850	$ 3,093.85	$ 3,103.64	$ 9.79	0.32%	$ 3,103.64	$ 3,103.64	$ -	0.00%
10.00%	100	7,300	$ 817.95	$ 820.47	$ 2.52	0.31%	$ 820.47	$ 820.47	$ -	0.00%
30.00%	100	21,900	$ 2,393.86	$ 2,401.42	$ 7.56	0.32%	$ 2,401.42	$ 2,401.42	$ -	0.00%
50.00%	100	36,500	$ 3,794.27	$ 3,806.31	$ 12.04	0.32%	$ 3,806.31	$ 3,806.31	$ -	0.00%
70.00%	100	51,100	$ 4,975.98	$ 4,991.80	$ 15.82	0.32%	$ 4,991.80	$ 4,991.80	$ -	0.00%
90.00%	100	65,700	$ 6,157.69	$ 6,177.29	$ 19.60	0.32%	$ 6,177.29	$ 6,177.29	$ -	0.00%

BILL IMPACT OF STAFF PROPOSED RATES
IRRIGATION SERVICE

			YEAR ONE				YEAR TWO			
Load Factor	kVA	kWh	Existing Rate	Staff Proposed Rate	Change From Existing Rates - $	Change From Existing Rates - %	Year One Rate	Staff Proposed Rate	Change From Year One Rates - $	Change From Year One Rates - %
Service Availability Charge			$ 30.00	$ 30.00	$ -	0.00%	$ 30.00	$ 30.00	$ -	0.00%
Capacity Charge, Apr - Oct, per Billing kVA			$ 7.15	$ 8.25	$ 1.10	15.38%	$ 8.25	$ 8.25	$ -	0.00%
Energy Charge, Apr - Oct, per kWh			$ 0.088509	$ 0.082502	$(0.006007)	-6.79%	$ 0.082502	$ 0.082502	$ -	0.00%
Energy Charge, Nov - Mar, per kWh										
First 300 kWh/kVA			$ 0.114209	$ 0.108284	$(0.005925)	-5.19%	$ 0.108284	$ 0.108284	$ -	0.00%
Over 300 kWh/kVA			$ 0.087209	$ 0.081198	$(0.006011)	-6.89%	$ 0.081198	$ 0.081198	$ -	0.00%
PCA Factor, per kWh			$ (0.006270)	$ -	$ 0.006270	-100.00%	$ -	$ -	$ -	0.00%
10.00%	250	18,250	$ 1,999.89	$ 2,006.18	$ 6.29	0.31%	$ 2,006.18	$ 2,006.18	$ -	0.00%
30.00%	250	54,750	$ 5,939.66	$ 5,958.55	$ 18.89	0.32%	$ 5,958.55	$ 5,958.55	$ -	0.00%
50.00%	250	91,250	$ 9,440.68	$ 9,470.77	$ 30.09	0.32%	$ 9,470.77	$ 9,470.77	$ -	0.00%
70.00%	250	127,750	$ 12,394.96	$ 12,434.49	$ 39.53	0.32%	$ 12,434.49	$ 12,434.49	$ -	0.00%
90.00%	250	164,250	$ 15,349.23	$ 15,398.22	$ 48.99	0.32%	$ 15,398.22	$ 15,398.22	$ -	0.00%
10.00%	500	36,500	$ 3,969.77	$ 3,982.37	$ 12.60	0.32%	$ 3,982.37	$ 3,982.37	$ -	0.00%
30.00%	500	109,500	$ 11,849.32	$ 11,887.10	$ 37.78	0.32%	$ 11,887.10	$ 11,887.10	$ -	0.00%
50.00%	500	182,500	$ 18,851.37	$ 18,911.54	$ 60.17	0.32%	$ 18,911.54	$ 18,911.54	$ -	0.00%
70.00%	500	255,500	$ 24,759.91	$ 24,838.99	$ 79.08	0.32%	$ 24,838.99	$ 24,838.99	$ -	0.00%
90.00%	500	328,500	$ 30,668.46	$ 30,766.44	$ 97.98	0.32%	$ 30,766.44	$ 30,766.44	$ -	0.00%
19.95%	54	7,878	$ 860.98	$ 863.64	$ 2.66	0.31%	$ 863.64	$ 863.64	$ -	0.00%
29.52% Average	58	12,479	$ 1,385.42	$ 1,427.85	$ 42.43	3.06%	$ 1,427.85	$ 1,427.85	$ -	0.00%
				Staff Proposed	$ 42.43	3.06%		Staff Proposed	$ -	0.00%
				SSVEC Proposed	$ 42.43	3.06%				

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.
E-01575A-15-0312
BILL IMPACT OF STAFF PROPOSED RATES
IRRIGATION LOAD FACTOR SERVICE

				YEAR ONE				YEAR TWO			
Load Factor	kVA	kWh	Billing kWh	Existing Rate	Staff's Proposed Rate	Change From Existing Rates - $	Change From Existing Rates -	Year One Rate	Staff's Proposed Rate	Change From Year One Rates - $	Change From Year One Rates - %
Service Availability Charge				$ 35.00	$ 35.00	$ -	0.00%	$ 35.00	$ 35.00	$ -	0.00%
Energy Charge, per kWh				$ 0.094120	$ 0.088131	$ (0.005989)	-6.36%	$ 0.088131	$ 0.088131	$ -	0.00%
PCA Factor, per kWh				$ (0.006270)	$ -	$ 0.006270	-100.00%	$ -	$ -	$ -	0.00%
10.00%	75	5,475	22,995	$ 2,055.11	$ 2,061.57	$ 6.46	0.31%	$ 2,061.57	$ 2,061.57	$ -	0.00%
30.00%	75	16,425	22,995	$ 2,055.11	$ 2,061.57	$ 6.46	0.31%	$ 2,061.57	$ 2,061.57	$ -	0.00%
50.00%	75	27,375	27,375	$ 2,439.89	$ 2,447.59	$ 7.70	0.32%	$ 2,447.59	$ 2,447.59	$ -	0.00%
70.00%	75	38,325	38,325	$ 3,401.85	$ 3,412.62	$ 10.77	0.32%	$ 3,412.62	$ 3,412.62	$ -	0.00%
90.00%	75	49,275	49,275	$ 4,363.81	$ 4,377.66	$ 13.85	0.32%	$ 4,377.66	$ 4,377.66	$ -	0.00%
10.00%	150	10,950	45,990	$ 4,075.22	$ 4,088.14	$ 12.92	0.32%	$ 4,088.14	$ 4,088.14	$ -	0.00%
30.00%	150	32,850	45,990	$ 4,075.22	$ 4,088.14	$ 12.92	0.32%	$ 4,088.14	$ 4,088.14	$ -	0.00%
50.00%	150	54,750	54,750	$ 4,844.79	$ 4,860.17	$ 15.38	0.32%	$ 4,860.17	$ 4,860.17	$ -	0.00%
70.00%	150	76,650	76,650	$ 6,768.70	$ 6,790.24	$ 21.54	0.32%	$ 6,790.24	$ 6,790.24	$ -	0.00%
90.00%	150	98,550	98,550	$ 8,692.62	$ 8,720.31	$ 27.69	0.32%	$ 8,720.31	$ 8,720.31	$ -	0.00%
10.00%	300	21,900	91,980	$ 8,115.44	$ 8,141.29	$ 25.85	0.32%	$ 8,141.29	$ 8,141.29	$ -	0.00%
30.00%	300	65,700	91,980	$ 8,115.44	$ 8,141.29	$ 25.85	0.32%	$ 8,141.29	$ 8,141.29	$ -	0.00%
50.00%	300	109,500	109,500	$ 9,654.58	$ 9,685.34	$ 30.76	0.32%	$ 9,685.34	$ 9,685.34	$ -	0.00%
70.00%	300	153,300	153,300	$ 13,502.41	$ 13,545.48	$ 43.07	0.32%	$ 13,545.48	$ 13,545.48	$ -	0.00%
90.00%	300	197,100	197,100	$ 17,350.24	$ 17,405.62	$ 55.38	0.32%	$ 17,405.62	$ 17,405.62	$ -	0.00%
Minimum required Load Factor			42.00%								

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.
E-01575A-15-0312
BILL IMPACT OF STAFF PROPOSED RATES
CONTROLLED IRRIGATION SERVICE

			YEAR ONE				YEAR TWO			
Load Factor	kVA	kWh	Existing Rate	Staff Proposed Rate	Change From Existing Rates - $	Change From Existing Rates - %	Year One Rate	Staff Proposed Rate	Change From Year One Rates - $	Change From Year One Rates - %
Service Availability Charge			$ 30.00	$ 30.00	$ -	0.00%	$ 30.00	$ 30.00	$ -	0.00%
Override Penalty, per kW Override Capac			$ 19.00	$ 20.00	$ 1.00	5.26%	$ 20.00	$ 20.00	$ -	0.00%
Energy Charge, per kWh										
First 300 kWh/kVA			$ 0.110979	$ 0.105044	######	-5.35%	$ 0.105044	$ 0.105044	$ -	0.00%
Over 300 kWh/kVA			$ 0.083679	$ 0.077657	######	-7.20%	$ 0.077657	$ 0.077657	$ -	0.00%
PCA Factor, per kWh			$(0.006270)	$ -	$ 0.006270	-100.00%	$ -	$ -	$ -	0.00%
Discount		1 Day	5.00%	5.00%			5.00%	5.00%		
Discount		2 Day	10.00%	10.00%			10.00%	10.00%		
Discount		7 Day	17.00%	17.00%			17.00%	17.00%		
Comparisons are based on 1 Day Control										
10.00%	50	3,650	$ 412.19	$ 413.41	$ 1.22	0.30%	$ 413.41	$ 413.41	$ -	0.00%
30.00%	50	10,950	$ 1,176.56	$ 1,180.23	$ 3.67	0.31%	$ 1,180.23	$ 1,180.23	$ -	0.00%
50.00%	50	18,250	$ 1,768.98	$ 1,779.26	$ 10.28	0.58%	$ 1,779.26	$ 1,779.26	$ -	0.00%
70.00%	50	25,550	$ 2,334.07	$ 2,346.16	$ 12.09	0.52%	$ 2,346.16	$ 2,346.16	$ -	0.00%
90.00%	50	32,850	$ 2,899.15	$ 2,913.05	$ 13.90	0.48%	$ 2,913.05	$ 2,913.05	$ -	0.00%
10.00%	100	7,300	$ 794.38	$ 796.82	$ 2.44	0.31%	$ 796.82	$ 796.82	$ -	0.00%
30.00%	100	21,900	$ 2,323.13	$ 2,330.46	$ 7.33	0.32%	$ 2,330.46	$ 2,330.46	$ -	0.00%
50.00%	100	36,500	$ 3,507.96	$ 3,528.52	$ 20.56	0.59%	$ 3,528.52	$ 3,528.52	$ -	0.00%
70.00%	100	51,100	$ 4,638.13	$ 4,662.32	$ 24.19	0.52%	$ 4,662.32	$ 4,662.32	$ -	0.00%
90.00%	100	65,700	$ 5,768.30	$ 5,796.11	$ 27.81	0.48%	$ 5,796.11	$ 5,796.11	$ -	0.00%
10.00%	250	18,250	$ 1,940.94	$ 1,947.05	$ 6.11	0.31%	$ 1,947.05	$ 1,947.05	$ -	0.00%
30.00%	250	54,750	$ 5,762.82	$ 5,781.16	$ 18.34	0.32%	$ 5,781.16	$ 5,781.16	$ -	0.00%
50.00%	250	91,250	$ 8,724.90	$ 8,776.31	$ 51.41	0.59%	$ 8,776.31	$ 8,776.31	$ -	0.00%
70.00%	250	127,750	$11,550.33	$ 11,610.79	$ 60.46	0.52%	$11,610.79	$11,610.79	$ -	0.00%
90.00%	250	164,250	$14,375.76	$ 14,445.27	$ 69.51	0.48%	$14,445.27	$14,445.27	$ -	0.00%
10.00%	500	36,500	$ 3,851.88	$ 3,864.11	$ 12.23	0.32%	$ 3,864.11	$ 3,864.11	$ -	0.00%
30.00%	500	109,500	$11,495.64	$ 11,532.32	$ 36.68	0.32%	$11,532.32	$11,532.32	$ -	0.00%
50.00%	500	182,500	$17,419.80	$ 17,522.62	$ 102.82	0.59%	$17,522.62	$17,522.62	$ -	0.00%
70.00%	500	255,500	$23,070.66	$ 23,191.58	$ 120.92	0.52%	$23,191.58	$23,191.58	$ -	0.00%
90.00%	500	328,500	$28,721.51	$ 28,860.54	$ 139.03	0.48%	$28,860.54	$28,860.54	$ -	0.00%
38.04% 1 Day	63	17,506	$ 1,863.08	$ 1,868.94	$ 5.86	0.31%	$ 1,868.94	$ 1,868.94	$ -	0.00%
33.48% 2 Day	67	16,388	$ 1,745.95	$ 1,751.44	$ 5.49	0.31%	$ 1,751.44	$ 1,751.44	$ -	0.00%
38.62% 7 Day	71	19,890	$ 2,112.66	$ 2,119.32	$ 6.66	0.32%	$ 2,119.32	$ 2,119.32	$ -	0.00%
				Staff Proposed 1 Day	$ 5.86	0.31%		Staff Proposed	$ -	0.00%
				Staff Proposed 2 Day	$ 5.49	0.31%				
				Staff Proposed 7 Day	$ 6.66	0.32%				
				SSVEC Proposed 1 Day	$ 5.86	0.31%				
				SSVEC Proposed 2 Day	$ 5.49	0.31%				
				SSVEC Proposed 7 Day	$ 6.66	0.32%				

Discount applicable to First 300 kWh per kW when total usage exceeds First 300 kWh per kW.

SULPHUR SPRINGS VALLEY ELECTRIC COOPERATIVE, INC.
E-01575A-15-0312
BILL IMPACT OF STAFF PROPOSED RATES
INTERRUPTIBLE IRRIGATION SERVICE

			YEAR ONE				YEAR TWO			
Load Factor	kVA	kWh	Existing Rate	Staff Proposed Rate	Change From Existing Rates - $	Change From Existing Rates - %	Year One Rate	Staff Proposed Rate	Change From Year One Rates - $	Change From Year One Rates - %
Service Availability Charge			$ 30.00	$ 30.00	$ -	0.00%	$ 30.00	$ 30.00	$ -	0.00%
Over-Ride Penalty, per kW Override Capacity			$ 19.00	$ 20.00	$ 1.00	5.26%	$ 20.00	$ 20.00	$ -	0.00%
Energy Charge, per kWh			$ 0.087737	$ 0.081728	$ (0.006009)	-6.85%	$ 0.081728	$ 0.081728	$ -	0.00%
PCA Factor, per kWh			$ (0.006270)	$ -	$ 0.006270	-100.00%	$ -	$ -	$ -	0.00%
10.00%	50	3,650	$ 327.35	$ 328.31	$ 0.96	0.29%	$ 328.31	$ 328.31	$ -	0.00%
30.00%	50	10,950	$ 922.06	$ 924.92	$ 2.86	0.31%	$ 924.92	$ 924.92	$ -	0.00%
50.00%	50	18,250	$ 1,516.77	$ 1,521.54	$ 4.77	0.31%	$ 1,521.54	$ 1,521.54	$ -	0.00%
70.00%	50	25,550	$ 2,111.48	$ 2,118.15	$ 6.67	0.32%	$ 2,118.15	$ 2,118.15	$ -	0.00%
90.00%	50	32,850	$ 2,706.19	$ 2,714.76	$ 8.57	0.32%	$ 2,714.76	$ 2,714.76	$ -	0.00%
10.00%	100	7,300	$ 624.71	$ 626.61	$ 1.90	0.30%	$ 626.61	$ 626.61	$ -	0.00%
30.00%	100	21,900	$ 1,814.13	$ 1,819.84	$ 5.71	0.31%	$ 1,819.84	$ 1,819.84	$ -	0.00%
50.00%	100	36,500	$ 3,003.55	$ 3,013.07	$ 9.52	0.32%	$ 3,013.07	$ 3,013.07	$ -	0.00%
70.00%	100	51,100	$ 4,192.96	$ 4,206.30	$ 13.34	0.32%	$ 4,206.30	$ 4,206.30	$ -	0.00%
90.00%	100	65,700	$ 5,382.38	$ 5,399.53	$ 17.15	0.32%	$ 5,399.53	$ 5,399.53	$ -	0.00%
10.00%	250	18,250	$ 1,516.77	$ 1,521.54	$ 4.77	0.31%	$ 1,521.54	$ 1,521.54	$ -	0.00%
30.00%	250	54,750	$ 4,490.32	$ 4,504.61	$ 14.29	0.32%	$ 4,504.61	$ 4,504.61	$ -	0.00%
50.00%	250	91,250	$ 7,463.86	$ 7,487.68	$ 23.82	0.32%	$ 7,487.68	$ 7,487.68	$ -	0.00%
70.00%	250	127,750	$ 10,437.41	$ 10,470.75	$ 33.34	0.32%	$ 10,470.75	$ 10,470.75	$ -	0.00%
90.00%	250	164,250	$ 13,410.95	$ 13,453.82	$ 42.87	0.32%	$ 13,453.82	$ 13,453.82	$ -	0.00%
10.00%	500	36,500	$ 3,003.55	$ 3,013.07	$ 9.52	0.32%	$ 3,013.07	$ 3,013.07	$ -	0.00%
30.00%	500	109,500	$ 8,950.64	$ 8,979.22	$ 28.58	0.32%	$ 8,979.22	$ 8,979.22	$ -	0.00%
50.00%	500	182,500	$ 14,897.73	$ 14,945.36	$ 47.63	0.32%	$ 14,945.36	$ 14,945.36	$ -	0.00%
70.00%	500	255,500	$ 20,844.82	$ 20,911.50	$ 66.68	0.32%	$ 20,911.50	$ 20,911.50	$ -	0.00%
90.00%	500	328,500	$ 26,791.91	$ 26,877.65	$ 85.74	0.32%	$ 26,877.65	$ 26,877.65	$ -	0.00%
40.13%	83	24,259	$ 2,006.32	$ 2,012.65	$ 6.33	0.32%	$ 2,012.65	$ 2,012.65	$ -	0.00%
				Staff Proposed	$ 6.33	0.32%		Staff Proposed	$ -	0.00%
				SSVEC Proposed Phase 1	$ 6.33	0.32%				