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September 1, 2015

Docket Control  
Arizona Corporation Commission  
1200 W. Washington Street  
Phoenix, AZ 85007

**ORIGINAL**

RE: Arizona Public Service Company's Demand Side Management 2015 Status Report  
- Docket No. E-00000U-15-0053 Energy Efficiency Standards Reports for 2015

Pursuant to the Electric Energy Efficiency Standard, A.A.C. R14-2-2409(B)

"By September 1 of each year, an affected utility shall file a status report including a tabular summary showing the following for each current Commission-approved DSM program and DSM measure of the affected utility: 1) Semi-annual expenditures compared to original budget and 2) Participation rates."

Attached please find Arizona Public Service Company's Demand Side Management Status Report for the period January through June 2015.

If you have any questions regarding this information, please contact Kerri Carnes at (602)250-3341.

Sincerely,

Lisa Malagon

LM/sb

cc: Brian Bozzo  
Barbara Keene  
Candrea Allen

Arizona Corporation Commission  
**DOCKETED**

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**Arizona Public Service  
Company**

**Demand Side Management  
Status Report**

**September 1, 2015**

**aps**

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**ARIZONA PUBLIC SERVICE COMPANY**

DSM STATUS REPORT:

JANUARY THROUGH JUNE 2015

**Introduction**

Pursuant to A.A.C. R-14-2-2409(B) Arizona Public Service ("APS") provides this status report containing a summary of expenditures and participation rates for the period January through June 2015. For informational purposes, APS also provides energy efficiency and demand response savings results for the same period.

**TABLE 1  
DSM Program Expenses January – June 2015, and Annual Budget**

<b>DSM Program</b>	<b>Expenditures January – June 2015</b>	<b>2015 Annual Budget</b>
<b>Residential:</b>		
Consumer Products	\$4,056,345	\$9,026,468
Existing Homes HVAC	\$2,270,421	\$6,521,000
Existing Homes HPwES	\$1,816,507	\$4,223,720
New Construction	\$2,176,238	\$4,765,000
Appliance Recycling	\$412,616	\$1,565,000
Conservation Behavior	\$767,289	\$1,512,000
Multi-Family	\$492,503	\$1,947,174
Pre Pay	\$26,052	\$83,500
Shade Trees	\$749	\$0
Limited Income	\$431,807	\$2,476,000
<b>Total for Residential</b>	<b>\$12,450,527</b>	<b>\$32,119,862</b>
<b>Non-Residential:</b>		
Large Existing Facilities	\$5,757,709	\$18,617,552
New Construction	\$549,324	\$2,781,669
Small Business	\$1,048,413	\$2,066,563
Schools	\$848,465	\$2,991,023
Energy Information Services	\$1,827	\$101,120
<b>Total Non-Residential</b>	<b>\$8,205,738</b>	<b>\$26,557,927</b>
Codes & Standards	\$32,399	\$150,000
MER	\$764,953	\$2,100,000
Performance Incentive	NA <sup>1</sup>	\$5,089,472
<b>EE Program Total</b>	<b>\$21,453,617</b>	<b>\$66,017,261</b>
<b>DR Program Total</b>	<b>\$398,981</b>	<b>\$2,882,739</b>
<b>DSM Total</b>	<b>\$21,852,598</b>	<b>\$68,900,000</b>

1. APS has an Annual MWh savings goal and therefore, has not estimated the Performance Incentive for this 6-month Reporting Period. APS will report the Performance Incentive Amount in the year-end Progress Report that will be filed March 1, 2016.

**ARIZONA PUBLIC SERVICE COMPANY**

DSM STATUS REPORT:

JANUARY THROUGH JUNE 2015

**TABLE 2  
DSM Participation Rates: January – June 2015**

<b>DSM Program / Measure</b>	<b>Number of Units</b>	<b>Definition of Unit</b>
<b>Consumer Products</b>		
CFLs	1,020,279	Bulbs
LEDs	336,232	Bulbs
Pool Pumps	2,132	Variable speed pumps
<b>Existing Homes</b>		
<b>AC Rebates</b>		
13-17+ SEER: Quality Install	3,978	No. of AC units
Residential Diagnostic	414	No. of AC units
Duct Test and Repair	2,036	No. of duct systems sealed
Prescriptive Duct Repair	13	No. of duct systems sealed
<b>Home Performance with Energy Star</b>		
Audits	1,853	Energy audits
Shower Heads	1,853	Shower heads
CFLs	18,530	CFLs
Duct Repair	869	Duct systems sealed
Air Sealing	0	Homes air sealed
Air Sealing and Insulation	513	Homes air sealed and insulated
Smart Strips	745	Smart Strip
<b>New Construction</b>		
Energy Star - Version 3	1,521	Homes
Energy Star - V3 HERS 60	414	Homes
<b>Appliance Recycling</b>		
Refrigerators	2,959	Refrigerators
Freezers	350	Freezers
<b>Conservation Behavior</b>		
	279,365	Report recipients <sup>1</sup>
<b>Multi-Family</b>		
Showerheads	3,544	Showerheads
Faucet Aerators	6,633	Faucet aerators
CFLs	48,188	CFLs
BOP1	0	Tenant dwellings
BOP2	0	Tenant dwellings
BOP3	0	Tenant dwellings

**ARIZONA PUBLIC SERVICE COMPANY**

DSM STATUS REPORT:  
JANUARY THROUGH JUNE 2015

**TABLE 2 Continued**

<b>DSM Program / Measure</b>	<b>Number of Units</b>	<b>Definition of Unit</b>
<b>Prepay</b>	1,505	Customers <sup>1</sup>
<b>Low Income</b>	84	Homes weatherized
<b>Large Existing Facilities<sup>2</sup></b>	539	Applications processed
<b>New Construction<sup>2</sup></b>	29	Applications processed
<b>Small Business<sup>2</sup></b>	287	Applications processed
<b>Schools<sup>2</sup></b>	48	Applications processed
<b>Energy Information Services</b>	16	New Meters
<b>System Savings</b>	6	No. of Feeders - CVR
<b>Demand Response Programs</b>		
APS Peak Solutions	1,041	Meters (1 test event)
Critical Peak Pricing	464	Meters (1 event)
Peak Time Rebates	936	Meters (1 event)
TOU Rates & Super Peak	545,335	Customers

1. Number of participants reported as of June 30, 2015.
2. Non-Residential participation is tracked at the application level.

**ARIZONA PUBLIC SERVICE COMPANY**

DSM STATUS REPORT:  
JANUARY THROUGH JUNE 2015

**TABLE 3**  
**Estimated Demand Side Management Electric Savings: January – June 2015<sup>1</sup>**

<b>DSM Program</b>	<b>Net Peak MW Capacity Savings</b>	<b>Net Annual MWh Savings</b>	<b>Net Lifetime<sup>2</sup> MWh Savings</b>
<b>Residential:</b>			
Consumer Products	5.1	57,220	494,782
Existing Homes - HVAC	4.3	6,375	80,263
Existing Homes - HPwES	1.3	1,956	30,037
New Construction	2.4	4,949	98,982
Appliance Recycling	0.6	4,132	24,793
Conservation Behavior	0.0 <sup>3</sup>	23,108	23,108
Multi-Family	0.3	3,114	23,844
Prepay	0.0 <sup>3</sup>	994	994
Low Income	0.0	204	3,570
<b>Total Residential</b>	<b>14.0</b>	<b>102,052</b>	<b>780,373</b>
<b>Non-Residential:</b>			
Large Existing Facilities	10.1	45,538	607,261
New Construction	2.0	9,303	132,606
Small Business	1.9	6,633	83,656
Schools	1.6	5,700	83,720
Energy Information Services	0.6	9	45
<b>Total Non-Residential</b>	<b>16.2</b>	<b>67,183</b>	<b>907,288</b>
Codes & Standards <sup>4</sup>	NA	NA	NA
System Savings	1.3	4,059	4,059
Demand Response <sup>5</sup>	26.1	19,244	
<b>Total DSM</b>	<b>57.6</b>	<b>192,538</b>	<b>1,691,720</b>

1. Savings are adjusted for line losses (energy 7.0%, demand 11.7%) and a capacity reserve factor of 15%.
2. Refers to savings over the expected lifetime of all program measures.
3. To avoid double counting of MW capacity savings for annual program participants, the demand savings for the Behavioral program and Prepay will be reflected in the year-end Progress Report that will be filed March 1, 2016.
4. Savings for Codes & Standards will be provided in APS's Annual DSM Progress Report.
5. Per A.A.C. R14-2-2404(C), the credit for demand response and load management peak reductions shall not exceed 10% of the EE Standard for any year. For mid-year reporting, APS is reporting the Demand Response savings as 10% of the total annual DSM Savings to date.