



December 1, 2014

Ms. Luly Massaro  
Clerk of the Commission  
89 Jefferson Boulevard  
Warwick, RI 02888

**Re: Pascoag Utility Districts 2014 Demand Side Management Program RIPUC Docket 4534**

Dear Ms. Massaro:

On behalf of the Pascoag Utility District ("Pascoag" or the "District"), I herewith file an original and nine copies of Pascoag's Answers to the Commission's first set of data request directed to Pascoag Utility District.

If you have any questions, please do not hesitate to contact me.

Very truly yours,

Harle Round  
DSM Coordinator

Cc: Ms. Karen Lyons, Esquire  
Cc: Mr. William Bernstein, Esquire

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
PUBLIC UTILITIES COMMISSION

IN RE: PASCOAG UTILITY DISTRICT'S  
2015 DEMAND SIDE MANAGEMENT  
PROGRAM

DOCKET NO. 4534

COMMISSION'S FIRST SET OF DATA REQUESTS  
DIRECTED TO PASCOAG UTILITY DISTRICT

November 25, 2014

Please reply by December 8, 2014

COMM 1. Please provide a side-by-side comparison of the 2014 and 2015 DSM budgets.

*Answer: A side-by-side comparison of the 2014 and 2015 DSM budget is included with this data response.*

COMM 2. For each line item variance greater than 10% in the side-by-side comparison provided in the response to COMM 1, please provide a brief (one or two sentence) explanation of the variance.

*Answer:*

- *Energy Conservation Calendars will see a decrease of 320%. The District would like to order 450 Desk Calendars in 2015 at a cost of \$1.90 per calendar. Last year we ordered 700 full sized calendars from Energy Savers at a cost of \$3.90 each.*
- *Exotic Nails & Star Tans Incentive will see a decrease of 100% because it will not be offered in 2015.*
- *Committed Funds –Lighting & Energy Efficiency Projects will see an increase of 20%. This program allows us to have a source of funding should a customer come forward and want do a lighting or an energy efficient project. We have identified Harrisville Fire District (HFD) as a possible project but are waiting for RISE to perform an audit so we increased this line item to accommodate them.*
- *LED Street Light Incentive saw an increase of 50%. The 2014 LED street light project will qualify for a 50% rebate of \$34,751; the District has \$17,068 in the budget for 2014 and we have asked permission to take the balance of the rebate, \$17,684, in 2015. The District will take the rebate of \$17,684 in 2015 as non-operating income. The District will reinvest the \$17,684 by purchasing an additional 53 street lights for a total project cost of \$17,684 and the additional lights that we purchase will qualify for a rebate of \$8,842. This will bring the incentive in 2015 to \$26,526.*

- *The Funds for Follow-up to Successful Programs has a decrease of 28%. These funds are reallocated when the funds in the more successful programs are depleted. If this line item is not adequate in 2015 the District would look to the programs that are not performing as well and again seek permission from Division to adjust the appropriate lines item accordingly.*
- *The Outreach/Education Program will see an increase of 11%. The District has depleted most of the fulfilment items with educational messages and the increase will help us to purchase give away item for our outreach programs.*
- *The Jesse Smith Library Project will see an increase of 85%. 2014 was the first year for this joint project. The District is asking for more funding so we can kick this project off in 2015, by spending time in the schools with the students and teachers. The District would like to take the artwork from the top 12 students who depict how we can recycle and conserve electricity and have custom calendars made with conservation and recycling messages. The calendars would be handed out over the counter at the District office. The cost for the custom calendars are \$4.10 each.*

COMM 3. Schedule B, page 2. For the 2015 budget for refrigerator/freezer buy back program, will the dollar amount of the incentive remain at \$68 in 2015?

*Answer: The incentive will increase to \$69 to cover the increased cost of the removals. The fees increased from \$18 to \$19 by Waste Management, in 2014.*

COMM 4. Schedule B, page 2. A) For energy star qualified heat pump water heaters, does the district consider the 2014 program to be a success having issued 2 rebates?

*Answer: The District feels the program is a success. When a program is introduced it can take several years for the customers to realize that we offer rebates. We did one rebate for this program in 2012 and one in 2013. This year we have processed two rebates.*

B) Is the district confident it will issue 6 rebates in 2015, 3 times the number issued in 2014? Why?

*Answer: The District continues to advertise this program and would like to keep the line item at 6 rebates. If we have programs in 2015 that deplete their funds then we would seek permission from Division to reallocate funds from this program to a more successful program.*

COMM 5. Why is the district dropping the electric heat conversion incentive?

*Answer: The last electric heat conversion incentive that was issued was in 2004 and 2005 and at that time the District offered a \$2,000 incentive to convert. The District had very large carry overs in those years and could afford to give large incentives. Due to the lack of interest in the program for over nine years and the fact that the incentive would have to be much lower, the District proposes doing away with the incentive in 2015.*

COMM 6. Please review Schedule A to the filing and verify whether the reference to years (2013, 2014, 2015) are correct.

*Answer: I have included Schedule A revision 1 with the corrected dates.*

COMM 7. Please provide an update on Daniele, Inc. and whether there are any expected changes in consumption by that customer that would affect Pascoag's 2015 forecasted sales.

*Answer: The District has received conflicting information from Daniele, Inc. (DPI) regarding their eventual shut-down of the Pascoag industrial park facility. For purposes of our 2015 Forecast in Docket No. 4529, we assumed that we would lose 10% of DPI sales in July of 2015, and an additional 10% each month through the remainder of the year for a net loss of 60% of DPI sales by the end of 2015.*

COMM 8. As LED technology continues to develop, has Pascoag given any consideration to moving more in the direction of incentivizing LED's and away from incentivizing CFL's. Why /why not?

*Answer: The District gives incentives on both CFL's and LED's. The bulbs that have earned the ENERGY Star Label have been independently certified and have undergone extensive testing to assure they will save energy and perform as promised. The District therefore would like to continue to incentivize both types of bulbs. Many households can not afford to purchase the more expensive LED's and by offering a rebate on the ENERGY STAR CFL's it helps our customers to buy the most efficient and reliable product within their price range.*

COMM 9. What was done with the incentive of \$2,462 that was not utilized by Exotic Nails and Star Tans? Was it rolled into the 2014 carryover into 2015?

*Answer: The \$2,462 was rolled into the 2015 carryover.*

COMM 10. Please confirm that all municipal buildings that Pascoag is considering offering incentive to are located within Pascoag's service territory.

*Answer: Yes, incentives are only offered to customers whose facilities are located in our service territory, which includes all of Pascoag and a substantial portion of Harrisville. For the municipality of Burrillville, we only cover the municipal buildings that fall within our service territory. There are other municipal buildings that fall outside of the District's service territory, and those facilities would need to be covered under National Grid incentive programs.*

COMM 11. Please confirm that all municipal street lights for which Pascoag has previously provided rebates or is considering offering rebates to are located within the District's service territory.

*Answer: Yes, that is correct. The municipal street lights that are being retrofitted are located in a parking lot off of Tinkham Lane in the village of Harrisville in the District's service territory.*

COMM 12. Page 15 of Schedule C contains the following sentence. "The District will use the \$17,684 to purchase 53 additional LED Street lights that will qualify for an additional rebate of \$8,842." This sentence is a bit hard to follow. Please attempt to clarify what this sentence is explaining.

*Answer: The District will take the rebate of \$17,684 in 2015 as non-operating income. The District will reinvest that money by purchasing an additional 53 street lights for a total project cost of \$17,684. These additional LED street lights will qualify for a rebate of \$8,842. This will bring the total incentive, from the DSM budget to Pascoag Utility District, to \$26,526 in 2015.*

**Pascoag Utility District**  
**Demand Side Management Programs - 2014 / 2015 Comparison**

	<u>2014</u>	<u>2015</u>
Estimated carry over from 2013/2014	\$ 34,000	\$ 39,000
Estimated sales for 2014/2015	\$ 109,500	\$ 115,330
Net 2014/ 2015 budget	\$ 143,500	\$ 154,330

	<u>2014 Approved Budget</u>	<u>2015 Proposed Budget</u>	<u>Change in \$</u>
<b>Residential Program</b>			
ENE Residential Conservation (ECHO)	2,400	2,400	0%
Home Energy Audits with Incentives	3,600	3,600	0%
Energy Star Appliance Rebates	9,000	9,000	0%
Refrigerators/Freezer Buy Back	1,020	1,035	1%
Energy Efficient Windows/Doors	2,500	2,500	0%
Heating System Incentive	3,000	3,000	0%
ENERGY STAR qualified Water Heaters	900	900	0%
Energy Star Lighting fixtures& ceiling/ventilation fans	1,000	1,000	0%
Home Office Equipment/Home Electronics	2,500	2,500	0%
Electric Heat Conversion/Geothermal System:			
New Construction	100	100	0%
Central Air Conditioning	2,080	2,080	0%
Change a Light Campaign	1,500	1,500	0%
Energy Conservation Calendars	750	750	0%
Smart Power Strips	2,730	852	-320% *
ENERGY STAR Pool Pumps	200	200	0%
Committed for 2013 Programs	500	500	0%
Committed for 2013 Programs	2,000	2,000	0%
<b>Net Residential</b>	<b>35,780</b>	<b>33,917</b>	<b>(1,863)</b>
<b>Industrial/Commercial</b>			
Energy Star Incentive - Office Equipment	500	500	0%
Burrillville Municipal Buildings	26,000	27,597	6%
Exotic Nails & Star Tans Incentive	2,462	(2,462)	-100% *
Committed Funds- Lighting & EE Projects	10,000	12,000	20% *
Consultation Fees	1,000	1,000	0%
Energy Star Commercial Appliance	700	700	0%
LED Street Light Incentive	17,068	25,526	50% *
<b>Net Industrial/Commercial</b>	<b>57,730</b>	<b>67,323</b>	<b>9,593</b>
<b>Administrative/Ad/Education</b>			
Administrative	21,000	21,000	0%
Funds for Follow-up to Successful Programs	2,990	2,148	-28% *
Outreach/Education	9,000	10,000	11% *
Jesse Smith Library Partnership	2,000	3,700	85% *
Community Events	10,000	10,242	2%
Energy Efficiency Management continuing education	4,500	4,500	0%
Program Research and Development	500	500	0%
<b>Net Administrative/Ad/Education</b>	<b>49,990</b>	<b>52,090</b>	<b>2,100</b>
<b>Estimated DSM 2013 Budget/ Expenses/ Balance</b>	<b>143,500</b>	<b>153,330</b>	<b>9,830</b>
<b>Net Administrative/Ad/Education</b>			
<b>Estimated DSM 2013 Budget/ Expenses/ Balance</b>	<b>49,990</b>	<b>52,090</b>	<b>2,100</b>
<b>Estimated DSM 2013 Budget/ Expenses/ Balance</b>	<b>143,500</b>	<b>153,330</b>	<b>9,830</b>

Pascoag Utility District  
Demand Side Management Programs - 2015 Proposed Budget

Estimated carry over from 2014	\$ 39,000
Estimated sales for 2015	\$ 115,330
Net 2015 budget	\$ 154,330

	2015 Proposed Budget
<b>Residential Program</b>	
DR1501 ENE Residential Conservation (ECHO)	2,400
DR1502 Home Energy Audits with Incentives	3,600
DR1503 Energy Star Appliance Rebates	9,000
DR1504 Refrigerators/Freezer Buy Back	1,035
DR1505 Energy Efficient Windows/Doors	2,500
DR1506 Heating System Incentive	3,000
DR1507 ENERGY STAR qualified Water Heaters	900
DR1508 Energy Star Lighting fixtures& ceiling/ventilation fans	1,000
DR1509 Home Office Equipment/Home Electronics	2,500
DR1510 Geothermal System	100
DR1511 New Construction	2,080
DR1512 Central Air Conditioning	1,500
DR1513 Change a Light Campaign	750
DR1514 Smart Power Strips	200
DR1515 ENERGY STAR Pool Pumps	500
DR1516 Desk Calendars- with DSM rebate information	852
DR1517 Committed for 2013 Programs	2,000
<b>Net Residential</b>	<b>\$ 33,917</b>
<b>Industrial/Commercial</b>	
D11501 Energy Star Incentive - Office Equipment	500
D11502 Burrillville Municipal Buildings	27,597
D11503 Committed Funds- Lighting & EE Projects	12,000
D11504 Consultation Fees	1,000
D11505 Energy Star Commercial Appliance	700
D11506 LED Street Light Incentive	26,526
<b>Net Industrial/Commercial</b>	<b>\$ 68,323</b>
<b>Administrative/Ad/Education</b>	
DA1501 Administrative	21,000
DA1502 Funds for Follow-up to Successful Programs	2,148
DA1503 Outreach/Education	10,000
DA1504 Jesse Smith Library Partnership	3,700
DA1505 Community Events	10,242
DA1506 Energy Efficiency Management continuing education	4,500
DA1507 Program Research and Development	500
<b>Net Administrative/Ad/Education</b>	<b>\$ 52,090</b>
<b>Estimated DSM 2013 Budget/ Expenses/ Balance</b>	<b>\$ 154,330</b>

12 month @ \$200  
 10 Audits @ \$220, with 10% rebates up to \$100, 5 free CFLs & smart power strip  
 Up to 106 incentives  
 \$50 incentive & \$19 removal fee for a Refrigerator or Freezer; up to 15 rebates  
 up to 166 window at \$15 or up to 62 doors at \$40  
 12 Rebates at \$250  
 6 Rebates at \$150  
 up to 20 rebates at \$50 maximum  
 50 Rebates at \$50  
 To keep the line item open  
 4 Rebates up to \$520 maximum  
 5 Rebates up to \$300 maximum  
 15 Rebates up to \$50 maximum  
 25% rebate ( average cost is between \$27-\$37)  
 10% of cost up to \$100 maximum; 5 Rebates  
 450- Desk Top Calendars with DSM rebate information  
 To accommodate programs with depleted funds from 2014

10 Rebates up to \$50 maximum  
 Burrillville Municipal Building Incentives  
 Money to be available for Commercial & Industrial Energy Efficiency Projects.  
 To consult with Rise, National Grid, & ENE  
 2 Appliances up to a maximum of \$350  
 Balance of Incentive from 2014 \$17,684 & \$8,852 incentive on 52 additional LED Street Lights

Administrative labor, mileage, supplies, training session with a luncheon for the CSR's  
 To be used on more successful programs  
 Billing inserts, Energy Saving Coloring books, Culver conservation items, and the DEED membership.  
 To partner with the Jesse Smith Library on an Energy Efficiency Project.  
 To promote Energy Efficient @ Community Events( Green Festival, Family fair, ...)  
 Tuition, fight, hotel, meals, books, NEEP 2 day conference, and webinars  
 Funds for future development of programs