

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
PUBLIC UTILITIES COMMISSION

IN RE: PASCOAG UTILITY DISTRICT'S  
2016 DEMAND SIDE MANAGEMENT  
PROGRAM

DOCKET NO. 4585

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

(November 13, 2015)

**Reply by November 23, 2015**

1. Page 4 of Schedule B indicates that Pascoag would like to fund the Burrillville School Department in the amount of \$27,597 in 2016. How does this reconcile with Schedule A which proposes 2016 funding of \$25,000?

Answered by Desarae Dolan:

Schedule B should only have \$25,000 allocated to the Burrillville School Department. I have included an updated Schedule B to reflect this.

2. Schedule D itemizes a total approved budget of \$171,496 for 2015, Expenses for 2015 of \$108,963 and a remaining balance of \$62,532.
  - a. Is this a full year projection?
  - b. If yes, why does this not agree with Schedule A which projects a carryover from 2015 of \$23,945?
  - c. If no, please update Schedule D to provide an itemization of the \$23,945 carryover as projected on Schedule A.

Answered by Desarae Dolan:

- a. This is not a full year projection; these are actual expenses as of mid-October.
- b. N/A
- c. I have included an itemization of the projected \$23,945 carryover.

3. Does Pascoag feel that the System Benefit Charge of \$0.002 is too high, too low or just right?

Answered by Desarae Dolan:

We believe that as of right now the System Benefit Charge is just right. We are happy that we do not have to turn away any customers who turn in an application for an Energy Star Rebate. We plan to advertise more in 2016 and create a welcome packet for new customers and businesses to educate them on our rebate programs. We will also be including periodic inserts with the electric bills. We would like to reevaluate the charge rate in 2017.

4. What type of energy efficiency measures is Pascoag considering for Brigido's Market?

Answered by Desarae Dolan:

They are looking at installing energy efficient lighting, occupancy sensors and LED exit signs. This is based on an audit that was conducted several years ago and is now being revised.

5. What does the acronym ECHO on Schedule A stand for?

Answered by Desarae Dolan:

ECHO stands for Everyone Can Help Out. ECHO is the sustainability enterprise of Energy New England LLC.

6. Page 6 of Schedule B states that the remaining street light incentive due the District in 2016 is \$25,189, but due to budget constraints, only \$10,000 has been budgeted. Further, if a larger than anticipated carry over occurs or other projects do not move forward, the District will seek to recover the remaining \$15,189. In the event the District does not recover the entire \$25,189 in 2016, will the District seek recovery in a year beyond 2016?

Answered by Harle Round:

Yes, the money received from rebates is used to buy additional LED streetlights. We would seek to recover the entire rebate beyond 2016.

7. Does Pascoag expect any reduction in sales to Daniele, Inc. in 2016?

Answered by Desarae Dolan:

At this time, the District is not aware of any further reduction in sales in 2016.

8. Page 1 of Schedule B states that the home energy audits are increasing to \$225. What is the current cost of a home energy audit, and why is the cost increasing?

Answered by Desarae Dolan:

The current cost of a home energy audit is \$225 and it was incorrectly noted on last year's budget that the cost was \$220. There is no increase.

9. Page 8 of Schedule B. How did Pascoag arrive at the 2016 forecasted sales of 56,326,000 kWh? How do 2016 forecasted kWh sales compare with 2015? Include the reason(s) for any difference of more than 10%.

Answered by Harle Round:

The District uses a three year average to estimate kWh sales. Please see Schedule E from Docket 4584, which is a three year average of sales to customers with no growth factor included. In 2015, we estimated kWh sales to customers in the amount of 54,785,000 kWhrs. In 2016 we estimated kWh sales to customers to be 56,326,000 kWh. There is a 2.8% increase in kWh sales from 2015 to 2016. Please see Schedule E and Schedule H which is included in this data request.

10. Identify three aspects of the proposed 2016 DSM Program which distinguish it most from the 2015 DSM Program.

Answered by Desarae Dolan:

As this is my first year in the role of DSM Coordinator, I have kept the program largely the same in order to familiarize myself with it. The aspects that would marginally distinguish it from the 2015 program would be an increase in funding to home energy audits, a decrease to new construction incentives and significant funding being allotted to the Burrillville School Department. We increased home energy audits because we feel it's a worthwhile endeavor to educate our customers on their home energy use and it has been a highly utilized program this year. We decreased new construction because we have not seen much growth in the way of new home construction. We funded the Burrillville School Department program because they have been very committed to implementing energy saving measures within the schools in our territory.

**Pascoag's 2016 Demand Side Management Program**  
**Executive Summary: Submitted by Desarae Dolan**

**Residential Programs:**

The Residential Programs proposed by Pascoag Utility District for 2016 will mirror our 2015 programs, with adjustments to some of the line items based on the activity of the programs over the past year.

The District continues its partnership with ENERGY STAR, a U.S. Environmental Protection Agency (EPA) voluntary program that helps businesses and individuals save money and protect our climate through superior energy efficiency. It is the District's goal to encourage our customers to buy ENERGY STAR compliant products to help control consumption, demand, and reduce greenhouse gas emissions that are contributing to global warming. ENERGY STAR compliant appliances and electronics are being utilized as part of the solution to rising energy costs, and the need for energy efficiency to reduce greenhouse gas emissions. The ENERGY STAR programs that we have in place continue to experience a high customer demand.

However, the District will continue to monitor its programs and will seek permission to reallocate funds should certain programs not perform to expectations. The District is pleased with the activity in the programs for 2015. The District will be adjusting the 2016 line item budget according to this year's activity.

Energy New England ('ENE') - The energy hot line continues to be a very good resource for our residential customers. Customers with questions about high energy demand can call the toll free number for assistance. Many questions can be answered over the phone. The customer is also offered a home energy audit. Pascoag Utility District is a member of the Energy Advisory committee that meets three to four times a year and discusses the latest information on energy conservation issues. ENE also attended our annual Green Festival to discuss energy conservation and home energy audits with interested customers. The ENE fee is \$215 per month, for a total budget of \$2580.

ENERGY STAR Audits are a very useful educational tool for homeowners. ENE performed fourteen audits as of the end of October 2015. Each home owner was given a report on ways to save energy. Many of the upgrades that are suggested in the audits correspond with programs set up for rebates by the District. It is our finding that customers will take the report and over several years replace things like the boiler, windows, doors, appliances, light fixtures, and light bulbs, thereby taking advantage of the applicable rebates.

The District would like to continue to offer the home energy audits in 2016. The District would like to increase the number of audits to fifteen at a cost of \$225 each and have \$100 for each audit available for audit recommendations that are not covered by the rebate programs. The budget for this line item would increase to \$4,875.

Rebates for ENERGY STAR Appliances continue to be one of our most popular programs. The District has processed rebates totaling \$4,327.00 through the end of October. The District is proposing a budget of \$9,000 in 2016.

The District added a Refrigerator/Freezer Buy-Back Program in 2012. This program encourages our customers to reduce their power bills by removing an old inefficient refrigerator or freezer from their house. This will help cut the demand of each refrigerator/freezer that is removed and our customers save between 503 to 1,285 kWh annually. The District proposed a budget of \$1,035 in 2015 with an incentive of \$69.00. The District has processed \$692.01 through the end of October. In 2016, the District is proposing to slightly increase the budget to \$1,050 which will allow for 15 incentives. The rebate includes a removal fee of \$20.00.

The ENERGY STAR Window and Door incentive had an approved budget, of \$2,500.00 in 2015. The activity for this line item has been steady with incentives totaling \$2,025.00 being issued through October. The budget will remain at \$2,500.00 with a rebate of \$15.00 per window up to 10 windows and \$40 per door up to 2 Doors.

The ENERGY STAR Heating Systems program had an approved budget of \$3,000 in 2015. The District has processed 6 boiler rebates for a total of \$1,500.00 being issued through October. The District would like to continue to fund this line item at \$3,000 in 2016 and keep the rebate of 10% up to \$250.

The District would like to continue an incentive for the ENERGY STAR qualified Heat Pump Water Heaters and Energy Star Solar Water Heater in combination with an electric hot water heater. Heating water accounts for approximately 15% of a home's energy use. High efficiency water heaters use 10 to 50 percent less energy than standard models, saving homeowners money on their utility bills. The District has not processed any rebates currently for this line item but would like to keep this program open in 2016. The District would like to continue to offer a rebate of 15% with a maximum rebate of \$150; this would allow 6 incentives with a budget of \$900, in 2016.

ENERGY STAR Lighting Fixtures and Ceiling & Ventilations Fans had a budget of \$1,000 in 2015 and we have issued \$247.00 in incentives. The District would like to continue this line item again next year with a budget of \$1,000.

ENERGY STAR Home Office/Electronic equipment has an approved budget of \$2,500 and we have processed rebates totaling \$743.50. The District would like to fund this program at the same level in 2016.

The District seeks to retain the line for Geothermal Systems with a budget of \$100. This will allow us to leave the line item open should we have a request for a geothermal system.

New Construction rebates remain slow as a direct result of the economy. The District has not processed any New Construction rebates at this time. The District is requesting to decrease funding to this program to \$1,000. When the economy recovers and the construction of new homes continues, this line item will hopefully entice the contractors to install ENERGY STAR

qualified equipment, which will result in more efficient homes. The \$1,000 request will allow the District to process two rebates.

Central Air Conditioning had a budget of \$1,500 in 2015 and the District processed five rebates for a total of \$1,150. The District would like to continue to offer a tiered rebate for central air conditioning. The rebates range from \$200 - \$300. The District believes that a customer purchasing a unit with a higher SEER and EER rating should receive a larger rebate. The ductless mini-split heat pumps are becoming more popular. They are being used to replace air conditioners and heating in older homes. These units are 30% more efficient, give more comfort and control, and can deliver both cooling in the summer and heating in the winter with high efficiency. They are a great solution for additions to homes. In the cold climates, consumers are advised to retain a supplemental heating system in case back-up heat is needed on very cold days. The District will rebate based on the cooling seasonal energy efficiency rating (SEER) and energy efficiency ratio (EER). The District would like fund this program at the same level in 2016.

The District would like to continue the Change a Light Campaign. The program remains very active. The District processed \$754.93 in rebates out of a budget of \$750 in 2015. In 2016, the District would like to increase funding to \$ 1,000 due to the program's popularity.

In 2015, the District continued the Smart Power Strip incentive because today's electronics continue to draw electricity that we pay for but do not use. The "Smart" power strip prevents this waste by plugging the main device (computer, TV, etc.) into the primary outlet and its peripherals (printer/scanner or VCR/cable box, etc.) into the other outlets. When the main device is shut down the high-tech sensors detect this and shut everything else down. The Smart power strips can save up to 72% of the energy a system uses, eliminating 640 lbs. of CO2 per year and also offers state-of-the-art surge protection. The District did not receive any applications for rebates for this line item. The District would like to continue to offer an incentive of 25% up to a maximum of \$25 with a budget of \$200, in 2016.

The District would like to continue to offer an ENERGY STAR Pool Pump incentive although the District did not process any rebates this year. Many customers in the District's territory have pools, and each one of these pools use a pool pump which re-circulates water through a filter to maintain water clarity and hygiene. What most pool owners don't realize is how much energy their pool pumps are wasting. Pool pump speeds vary based on the pool's operation. A conventional pool pump with one speed is set to run at the highest speed required to clean the pool. This leads to wasted energy during filtration operations by running faster than necessary. The ENERGY STAR certified pool pumps can run at different speeds and be programmed to match the pools operation with its appropriate pool pump speed. The energy saved is considerable and will save thousands of dollars over its lifetime. On average, an ENERGY STAR pool pump in our area saves over 1,143 kWh or \$160 in a 6 month period from May through September, making the payback less than five years. They also run more quietly and help to prolong the life of the pool's filtering system. The District is proposing a rebate of 10% of the cost up to a maximum rebate of \$100; the proposed budget would be for \$500.

In 2015, the District purchased four hundred and fifty desktop Calendars with DSM rebate information for a total cost of \$880.59. The District was able to customize the calendar with a page dedicated to promoting the DSM programs and incentives that are offered. The calendars were distributed to the walk in customer. The District would like to purchase 450 desk top calendars in 2016 for a total budget of \$900.00

The District is estimating a carryover of \$23,945 from 2015; the District will use \$21,945 of this carryover in the 2016 budget and would like to place \$2,000 into a line item called Committed for 2015 rebates. This would allow us to use these funds to satisfy any outstanding qualified applications in the various residential programs, where the funds have been depleted or for rebates that are received after the books have been closed for 2015. In 2015, the District was able to satisfy \$1,620 in rebates that qualified in 2014, but the program funds were depleted. If the carry over funds placed in the Committed for 2015 Program exceeds the request for qualified rebates, the District proposes moving these funds to the Follow-up to Successful Programs line item and would then seek permission from the Public Utility Commission and Division of Public Utilities and Carriers, to reallocate the funds as needed in 2016.

### **Commercial and Industrial Programs:**

The ENERGY STAR Office Equipment and Electronics Program that was available to our commercial and industrial customers saw a slight decrease in activity this year. We have processed four rebates totaling \$152.00. The District would like to continue this program with the same level of funding for 2016, with \$500.

#### **Burrillville Municipal Buildings**

The District has been working with the Town of Burrillville to convert their street lighting from high pressure sodium lights to LED technology. Currently they've received a rebate for \$200.00 on one streetlight that was retrofitted. We are hopeful that the Town of Burrillville and the Board of Administration will complete the LED streetlight projects in 2015 which will give them an incentive of \$15,933 between both projects.

The Burrillville School Department also completed a project that included LED exterior exit lighting and occupancy sensors for the Burrillville High School. They received \$2,700 in incentives.

#### **Burrillville School Department**

In 2016, the line item for Burrillville Municipal Buildings will be changed to the Burrillville School Department. The Burrillville School Department is in the process of creating estimates for an occupancy sensor and LED install project for their remaining schools in 2016. We estimate they will receive \$25,000 in incentives if they complete this project in 2016. The District would like to fund this program with \$25,000.

Committed Funds Lighting and Energy Efficiency Projects completed in 2015:

As of this filing the District has completed seven lighting projects, totaling \$24,752.72 in rebates.

- Harrisville Fire Department spent \$10,134.72 on retrofitting lighting and received a rebate of \$4,438.00. They will save 18,157 kWhrs annually and will reduce their kW by 3.33.
- GS Inc. received a \$500.00 rebate for their installation of two central air conditioning units.
- The Pascoag Utility District Water Station spent \$3,232.80 on converting old lighting to 16 new LED fixtures. The District received a rebate in the amount of \$1,293.12 and will save over 2,583 kWhrs annually.
- Niko Chalkidakis spent \$5,265.00 on replacing 150 lights with LEDs and completed another project, spending \$2,996.00 on twenty LED fixtures. He will save 21,450 kWhrs annually between the two projects and received a rebate totaling \$3,903.60.
- Harrisville Fire District spent \$1,870 on an office lighting project that will save them 2,376 kWhrs annually. They received a \$611.00 incentive on the project.
- Burrillville School Department completed an LED lighting project at Austin T. Levy School saving 18,702 kWhrs per year. They received a rebate totaling \$13,980.

The District has identified two potential projects for 2016 that would be funded through the Committed Funds Lighting and Energy Efficiency Projects line item:

- Pat's Service Station is undergoing an energy audit and would like to do a lighting project next year.
- Brigido's IGA is undergoing an energy audit and is looking at energy efficiency projects for 2016.

The District would like to propose \$12,000 for this program in 2016.

The Consultation fees line item was funded at \$1,000 to provide assistance from National Grid, RISE Engineering, or Energy New England with the calculation of energy savings on commercial and industrial projects. In 2016, we would like to decrease funding of this line item to \$250.

The ENERGY STAR Commercial Appliances program has processed one rebate, in 2015 that consisting of 1 dehumidifier. In 2016, the District is requesting a budget of \$700 for commercial appliances with rebates of 10% up to \$350 and residential appliances using the same amounts from the residential program and making them available under this line item for the commercial customers.

In 2015, Pascoag Utility took the balance of the approved LED Streetlight incentive from the 2014 budget which was \$17,684. This money was used along with money from the District's Capital Account to purchase (250) - 24 watt LED Street and (3) Decorative Street Lights. The total LED project cost will be \$87,005 which includes materials, labor, and transportation. Please see the table below for cost and the annual kilowatt-hour savings from this project.



TYPE of Fixture	Number purchased:	Material Cost	Labor Cost	Transportation Cost	Annual kWh Saving
24 Watt LED SL	250	\$51,000	\$24,425	\$10,000	48,435
72 Watt LED Decorative SL	<u>3</u>	<u>\$ 1,580</u>	<u>\$ 295</u>	<u>\$ 120</u>	<u>1,564</u>
TOTAL	253	\$52,580	\$24,720	\$10,120	49,999 kWh

District staff is currently installing the fixtures. The project qualifies for a 50% rebate of \$43,502 from the DSM program. The approved budget for the LED Street Light Incentive was \$35,997 in 2015. We received \$17,684, leaving a balance of \$18,313 which we will use in 2015 toward this project. This will leave a rebate due to the District of \$25,189. The DSM budget for the 2016 DSM programs had to be reduced because we are anticipating a much lower carry over from 2015. We can only fund the LED Street Light Project to \$10,000, in 2016 and would take these funds towards our incentive. If the identified projects for 2016 do not materialize or should the carry-over be more than anticipated then we would seek permission from commission to reallocate more funds to the LED Street Light Program and take the remaining \$15,189 rebate balance, in 2016.

The District would like to add a new program with the Community Baptist Church and fund this program with \$8045. The Community Baptist Church is planning on a relamping with LED tubes project. They would save 12,295 kwhrs annually. The estimated rebate would be \$8,045.

### **The Administration/Ad/Education**

The District staff spends many hours reconciling the budgets, processing rebates, working with potential rebate customers, reporting to the State of Rhode Island's Public Utility Commission, and researching new programs. The budget for the Administration line item was \$21,000 which covers the time spent to oversee this most worthwhile endeavor. The District will continue the annual training session for the customer service representatives to ensure they are able to discuss the criteria for the various programs with the customers; this training session would also include a luncheon. The District would like to fund this program at the same level in 2016.

Funds for Follow-Up to Successful Programs- this program has allowed the District to move funds to the more successful programs as needed. The District will be using this line item to fund additional energy audits and Change a Light rebate requests as those funds have been depleted. The District would like to keep this line item open in 2016 with a budget of \$1,155.

Outreach/Education Program - The District purchased an annual DEED membership through American Public Power. The membership gives the District access to energy efficiency trainings and resources. The District used some of the funds to purchase energy conservation materials from Culver and Walker Clay Co.

The District would like to continue the Outreach and Education line item in 2016 and fund it with \$8,200. This will allow the District to update the website with the programs for 2016 at [www.pud-ri.org](http://www.pud-ri.org). The District would also use some of these funds for advertisements in the Bargain Buyer, utilize bill inserts with our programs in 2016, and purchase energy efficiency material to educate our customers, which will include booklets on energy efficiency, along with energy conservation materials purchased at Culver Company and Walker Clay Co. The District would also like to purchase a 2016 membership to the Demonstration of Energy Efficiency Developments Program (DEED).

Jesse Smith Library Partnership- the Jesse Smith Memorial Library in conjunction with Burrillville Recycling and the Pascoag Utility District encouraged students in grades K-6 to create Earth Day Posters depicting why it is important to recycle and conserve energy in Burrillville. A total of twelve winning posters were chosen to be included in a 2016 calendar which will contain energy conservation and recycling tips. An awards ceremony was held on April 22, 2015 to recognize the winners of the contest. The District would like to continue to fund this line item at \$3,700. This would allow the District staff to create and purchase energy conservation and recycling calendars for 2016 and help host the awards ceremony with the Library and Burrillville Recycling.

Community Events -The 9<sup>th</sup> Annual Public Power Green Festival was hosted on Saturday, September 19, 2015. The District partnered with the Town of Burrillville's Parks and Recreation Department to host the event at the Still Water Mill Center. The first five-hundred customers received insulated lunch bags filled with energy efficient materials and recycling tips. There were activities for children, which included a coloring contest, decorating door hangers, bucket rides, face painting and games. This year we included a workshop component that included free classes on renewable energy, composting and beekeeping. All workshop instructors volunteered their time for the event.

Many vendors attended the Green Festival this year and a list of vendors has been included in this filing under Schedule H along with a map of the event. This event continues to grow each year. The District hosted a booth which provided customers with energy conservation handouts and a free CFL light bulb for the adults. The District's staff also helped out at the welcome booth, on the table with raffle items, and with rides on the bucket truck. The raffle items were donated by the vendors and local businesses to raise money for the Weekend Back Pack Project, a nonprofit agency that helps children in need. The event was very successful and by sharing the cost with the Town, the District was able to attend other events in the community.

In 2016, the District would like to continue the line item for community events in the amount of \$8,442. We will continue to partner with Burrillville Parks and Recreation to host the Green Festival which allows the event to be more cost efficient. The partnership saves the District money which in turn allows the District to host energy efficiency workshops at the farmers market during the summer season, and attend the Family Fair.

Energy Efficiency Management Continuing Education-In 2015, the previous DSM coordinator was unable to attend the APPA Academy due to the training of a newly appointed DSM coordinator. She was able to attend the NEEP, NEPPA and APPA conferences. The District has two long time employees retiring in 2015 and time has been allocated to extensive training for the remaining staff.

The District would like to fund the Energy Efficiency Management Education line item at \$2,500 in 2016. This would allow the newly appointed DSM coordinator to participate in training courses on energy efficiency, and give her the opportunity to attend the NEEP and NECA conferences in 2016. She will also need to work towards obtaining the Energy Efficiency Certificate in the future. Twenty hours of continuing education in the energy efficiency field is required every two years to maintain the Energy Efficiency Certificate.

Program Research and Development was created when the District wanted to research LED Street lights. The line item gives the District the ability to research products for possible incentives. The District would like to fund this line item with \$500 in 2016.

Pascoag's proposed budget is based on a forecast of Sales for 2016 of 56,326,000 kWhrs. The estimated budget is \$136,597.00 for 2016. The District anticipates a \$23,945 carryover fund from 2015 which would bring the total 2016 budget to \$136,597.

**Pascoag Utility District**  
**Demand Side Management Programs - 2015 Expenses and Balances**

Actual carryover from 2014	\$ 61,926
Estimated sales for 2015	\$ 109,570
Net 2015 budget	\$ 171,496

	<b>2015 Approved</b>	<b>Expenses as of</b>	<b>Projected</b>
	<b>Budget</b>	<b>10/15/15</b>	<b>Balance</b>
<b>Residential Program</b>			
DR1501 ENE Residential Conservation (ECHO)	\$ 2,400	\$ 1,600.00	\$ -
DR1502 Home Energy Audits with Incentives	\$ 3,600	\$ 2,250.00	\$ -
DR1503 Energy Star Appliance Rebates	\$ 9,000	\$ 4,327.00	\$ 1,193.00
DR1504 Refrigerators/Freezer Buy Back	\$ 1,035	\$ 692.01	\$ -
DR1505 Energy Efficient Windows/Doors	\$ 2,500	\$ 2,025.00	\$ -
DR1506 Heating System Incentive	\$ 3,000	\$ 1,500.00	\$ 1,500.00
DR1507 ENERGY STAR qualified Water Heaters	\$ 900	\$ -	\$ 750.00
DR1508 Energy Star Lighting fixtures& ceiling/ventilation fans	\$ 1,000	\$ 247.00	\$ 753.00
DR1509 Home Office Equipment/Home Electronics	\$ 2,500	\$ 743.50	\$ 556.30
DR1510 Geothermal System	\$ 100	\$ -	\$ 100.00
DR1511 New Construction	\$ 2,080	\$ -	\$ 2,080.00
DR1512 Central Air Conditioning	\$ 1,500	\$ 1,150.00	\$ 350.00
DR1513 Change a Light Campaign	\$ 750	\$ 754.93	\$ (4.93)
DR1514 Smart Power Strips	\$ 200	\$ -	\$ 200.00
DR1515 ENERGY STAR Pool Pumps	\$ 500	\$ -	\$ 500.00
DR1516 Desk Calendars- with DSM rebate information	\$ 852	\$ 880.59	\$ (28.59)
DR1517 Committed for 2014 Programs	\$ 2,000	\$ 1,620.00	\$ 380.00
			\$ -
<b>Net Residential</b>	<b>\$ 33,917</b>	<b>\$ 17,790.03</b>	<b>\$ 8,328.78</b>
			\$ -
			\$ -
<b>Industrial/Commercial</b>			
DI1501 Energy Star Incentive - Office Equipment	\$ 500.00	\$ 152.00	\$ 298.00
DI1502 Burrillville Municipal Buildings	\$ 21,837.00	\$ 200.00	\$ -
DI1503 Committed Funds- Lighting & EE Projects	\$ 25,455.00	\$ 24,725.72	\$ 729.28
DI1504 Consultation Fees	\$ 1,000.00	\$ -	\$ 1,000.00
DI1505 Energy Star Commercial Appliance	\$ 700.00	\$ 20.00	\$ 680.00
DI1506 LED Street Light Incentive	\$ 35,997.00	\$ 35,997.00	\$ -
			\$ -
<b>Net Industrial/Commercial</b>	<b>\$ 85,489.00</b>	<b>\$ 61,094.72</b>	<b>\$ 2,707.28</b>
			\$ -
			\$ -
<b>Administrative/Ad/Education</b>			
DA1501 Administrative	\$ 21,000	\$ 16,967.94	\$ -
DA1502 Funds for Follow-up to Successful Programs	\$ 2,148	\$ 70.00	\$ 2,078.00
DA1503 Outreach/Education	\$ 10,000	\$ 2,835.52	\$ 7,164.48
DA1504 Jesse Smith Library Partnership	\$ 3,700	\$ 274.32	\$ -
DA1505 Community Events	\$ 10,242	\$ 8,995.25	\$ 1,246.75
DA1506 Energy Efficiency Management continuing education	\$ 4,500	\$ 936.04	\$ 1,919.69
DA1507 Program Research and Development	\$ 500	\$ -	\$ 500.00
			\$ -
<b>Net Administrative/Ad/Education</b>	<b>\$ 52,090.00</b>	<b>\$ 30,079.07</b>	<b>\$ 12,908.92</b>
<b>Estimated DSM 2015 Budget/ Expenses/ Balance</b>	<b>\$ 171,496</b>	<b>\$ 108,963.82</b>	<b>\$ 23,944.98</b>

**Summary of Energy Sales to Customers Fiscal Year 2014**

	<u>2014</u>	<u>2013</u>	<u>2012</u>	<u>3-Year Average</u>
January	5614	5074	4,840	5176
February	5252	5212	4,231	4898
March	4465	4108	4,352	4309
April	4399	4438	4,152	4330
May	4308	4349	3,826	4161
June	4164	4193	4,455	4271
July	4652	5026	4,684	4787
August	5395	6025	5,271	5564
September	4765	4817	5,715	5099
October	4339	4230	3,914	4161
November	4468	4543	4,157	4389
December	4249	4546	4,744	<u>4513</u>
	<u>56069</u>	<u>56,563</u>	<u>54,342</u>	55,658

F2,Line 108

**Summary of Energy Sales to Customers Fiscal Year 2015**

	<u>2015</u>	<u>2014</u>	<u>2013</u>	<u>3-Year Average</u>
January	5,487	5,614	5,074	5,392
February	4,788	5,252	5,212	5,084
March	5,015	4,465	4,108	4,529
April	4,188	4,399	4,438	4,341
May	3,979	4,308	4,349	4,212
June	4,196	4,164	4,193	4,184
July	4,494	4,652	5,026	4,724
August	5,562	5,395	6,025	5,661
September	5,452	4,765	4,817	5,011
October		4,339	4,230	4,285 by 2
November		4,468	4,543	4,505 by 2
December		<u>4,249</u>	<u>4,546</u>	4,397 by 2
		<u>56,069</u>	<u>56,563</u>	56,326

Forecast RatesTransition Cost Calculations:

Estimated Sales (MWH) to customers	56,326	See Schedule F-2, Line 112	
Forecast Transition Cost	\$534,000	See Schedule F-2, line 70	
Historic Transition Revenue	(\$617,988)	See Schedule A-3, Line 151	
Historic Transition Expense	\$ 553,000	See Schedule A-2, Line 77	
Carry over from prior period (12/31/2014)	\$73,716	See Schedule C-3, Line 102	
Total	\$542,728		
<b>Cost Per MWH</b>	<b>\$ 9.64</b>	<b>Transition Charge</b>	

Transmission Cost Calculations:

Estimated Sales (MWH) to customers	56,326	See Schedule F-2, Line 112	
Forecast Transmission Cost	\$1,846,970	See Schedule F-2, line 76	
Historic Transmission Revenue	(\$1,848,030)	See Schedule A-3, Line 153	
Historic Transmission Expense	\$ 1,657,929	See Schedule A-2, Line 85	
Carry over from prior period (12/31/2014)	\$79,583	See Schedule C-4, Line 101	
Total	\$1,736,452		
<b>Cost per MWH</b>	<b>\$ 30.83</b>	<b>Transmission Charge</b>	

Standard Offer Calculation:

Estimated Sales (MWH) to customers	56,326	See Schedule F-2, Line 112	
Forecast Standard Offer	\$3,535,994	See Schedule F-2, line 99	
Historic SOS Revenue	(\$3,841,060)	See Schedule A-3, Line 152	
Historic SOS Expense	\$ 3,337,803	See Schedule A-2, Line 119	
Carry over from prior period (12/31/2014)	\$70,379	See Schedule C-2, Line 103	
Total	\$3,103,117		
<b>Cost per MWH</b>	<b>\$ 55.09</b>	<b>Standard OfferService</b>	
<i>(1) This is the net amount including any over/(under) recovery</i>		\$	95.56

Purchase Power Reserve Fund Credit

Estimated Sale (MWH) to customers	56,326	See Schedule F-2, Line 112	
<b>Total Flow back for 2016</b>	<b>\$ (125,000.00)</b>		
<b>Cost Per MWH</b>	<b>\$ (2.22)</b>	<b>Purchase Power Reserve Fund Credit</b>	
<i>(2) this is the net amount including the PPRFC</i>		\$	93.34

Revenue/Expense Proof:

Forecast Transition Cost	\$ 534,000	See Schedule F-2, line 70	
Over/Under Collection at period end	\$ 8,728	Schedule C-3, Line 121	
	\$ 542,728	\$	9.64
Forecast Transmission Cost	\$ 1,846,970	See Schedule F-2, line 76	
Over/Under Collection at period end	\$ (110,518)	Schedule C-4, Line 119	
	\$ 1,736,452	\$	30.83
Forecast SOS Cost	\$ 3,535,994	See Schedule F-2, line 99	
Over/Under Collection at period end	(\$432,877)	Schedule C-2, Line 122	
	\$ 3,103,117	\$	55.09
Purchase Power Reserve Fund Credit	\$ (125,000.00)	\$	(2.22)
		<b>\$</b>	<b>93.34</b>