



December 10, 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 second 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 SECOND SET OF DATA REQUESTS
DIRECTED TO PASCOAG UTILITY DISTRICT

December 1, 2014

Please reply by no later than December 8, 2014

1. In its response to Commission 1-7, Pascoag explains that it factored the potential for reduced sales to Daniele, Inc. into its 2015 sales forecast used in Docket 4529. Is this the same forecast used by Pascoag in the current DSM filing? Also, please explain the increase in the 2014 to 2015 sales forecast given that Pascoag is projecting a substantial reduction in consumption by Daniele, Inc.

Answer: The District has reviewed the forecast used in Docket 4529 and realized that the 57,665 MWH's used to calculate the 2015 DSM budget was Energy New England's forecasted purchase power and not the forecasted sales for 2015. The net forecasted sales for 2015 is 54,785 MWH's, which will result in a reduction of \$5,760 to the budget. The District would like to propose a decrease to the line item DI1502 - Burrillville Municipl Buildings from \$27,597 to \$21,837 a decrease of \$5,760 in the proposed 2015 DSM Budget. This proposal will also reduce the net budget from \$154,330 to \$148,570. *The District has attached supporting documentation and a revised budget please see Schedule A-Revision 2.*

Harle Round

From: Harle Round
Sent: Wednesday, October 08, 2014 11:41 AM
To: Judy Allaire
Subject: RE: 2015 kWhrs

Hi Judy,
57665 MWH X 1000= 57,665,000 x.002 = \$115,330 DSM Budget
Does this sound right?

From: Judy Allaire
Sent: Wednesday, October 08, 2014 10:24 AM
To: Harle Round
Subject: 2015 kWhrs

Hi Harle
Sorry forgot to get this over to you. ENE is projecting a total of 57,665 MWH's, a decrease from last year's based primarily on the phase-out of DPI.

Do you have an estimate for 2014 write offs? I'm going to use it in my testimony

Thanks
Judy

57,665,000.00 x
0.002 =
115,330.00 *

54,785. x
1,000. =
54,785,000.00 *

54,785,000.00 x
0.002 =
109,570.00 *

115,330.00 +
109,570.00 -
002
5,760.00 G+

	A	B	C	D	E	F	G	H	I	J	K	L	M
1													Schedule E
2													
3	Summary of Energy Sales to Customers Fiscal Year 2012												
4			<u>2012</u>		<u>2011</u>		<u>2010</u>			<u>3-Year Average</u>			
5	January		4,840		4,940		5,100			4,960			
6	February		4,231		4,840		4,128			4,399			
7	March		4,352		4,116		3,812			4,093			
8	April		4,152		4,245		4,424			4,274			
9	May		3,826		3,759		3,453			3,679			
10	June		4,455		3,826		4,070			4,117			
11	July		4,684		4,862		5,074			4,874			
12	August		5,271		5,118		5,462			5,284			
13	September		5,715		5,319		5,062			5,365			
14	October		3,914		3,920		4,245			4,027			
15	November		4,157		3,922		3,754			3,944			
16	December		4,744		4,477		4,482			4,568			
17	Adjustment to COS - RY									(154)			
18	DPI adjustment									(7,500)			
19			54,342		53,345		53,066			45,931			(Please see
20													Schedule DGB-2a
21	Annual Total Sales - Based on forecast for Rate Year in Pascoag's COS Study												COS)
22	No Growth Factor												
23	Annual Forecast Sales - 2013									45,931			
24													
25	Summary of Energy Sales to Customers Fiscal Year 2013												
26			<u>2013</u>		<u>2012</u>		<u>2011</u>			<u>3-Year Average</u>			
27	January		5074		4,840		4,940			4,952			
28	February		5212		4,231		4,840			4,761			
29	March		4108		4,352		4,116			4,192			
30	April		4438		4,152		4,245			4,278			
31	May		4349		3,826		3,759			3,978			
32	June		4193		4,455		3,826			4,158			
33	July		5026		4,684		4,862			4,858			
34	August		6025		5,271		5,118			5,471			
35	September		4817		5,715		5,319			5,284			
36	October		4230		3,914		3,920			4,022			
37	November		4543		4,157		3,922			4,207			
38	December		4546		4,744		4,477			4,589			
39			56,563		54,342		53,345			54,750			
40													
41	No Growth Factor												
42	Annual Sales - 2014									54,750			
43													
44	Summary of Energy Sales to Customers Fiscal Year 2014												
45			<u>2014</u>		<u>2013</u>		<u>2012</u>			<u>3-Year Average</u>			
46	January		5614		5074		4,840			5176			
47	February		5252		5212		4,231			4898			
48	March		4465		4108		4,352			4309			
49	April		4399		4438		4,152			4330			
50	May		4308		4349		3,826			4161			
51	June		4164		4193		4,455			4271			
52	July		4652		5026		4,684			4787			
53	August		5395		6025		5,271			5564			
54	September		4765		4817		5,715			5099			
55	October		4339		4230		3,914			4161			
56	November				4543		4,157			4350			2 year average
57	December				4546		4,744			4645			2 year average
58			47352		56,563		54,342			55,751			F2, Line 108

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Pascoag Utility District															
Restated Forecast Purchased Power Costs															
	Jan 2015	Feb 2015	Mar 2015	Apr 2015	May 2015	Jun 2015	Jul 2015	Aug 2015	Sept 2015	Oct 2015	Nov 2015	Dec 2015	Period Total		
	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast	Forecast
63															
64															
65															
66															
67															
68	Annual Identified MIMWEC Cost (3)														
69	Monthly Assessment	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 563,000
70	Less Cumulative Carry Over	\$6,003	\$6,003	\$6,003	\$6,003	\$6,003	\$6,003	\$6,003	\$6,003	\$6,003	\$6,003	\$6,003	\$6,003	\$6,003	\$72,033
71	Restated Transition Cost	52,086	52,086	52,086	52,086	52,086	52,086	52,086	52,086	52,086	52,086	52,086	52,086	52,086	625,033
72	Transmission														
73	Transmission	\$ 178,962	\$ 197,240	\$ 201,200	\$ 153,170	\$ 108,138	\$ 119,505	\$ 129,430	\$ 151,853	\$ 129,777	\$ 126,777	\$ 109,966	\$ 131,922	\$ 131,922	\$ 1,737,939
74	Net Transmission	\$ 178,962	\$ 197,240	\$ 201,200	\$ 153,170	\$ 108,138	\$ 119,505	\$ 129,430	\$ 151,853	\$ 129,777	\$ 126,777	\$ 109,966	\$ 131,922	\$ 131,922	\$ 1,737,939
76															
77	Restated Costs (Dollars) - Standard Offer														
78	NYP&A Firm	\$ 14,994	\$ 14,409	\$ 14,994	\$ 14,799	\$ 14,994	\$ 14,799	\$ 14,994	\$ 14,994	\$ 14,799	\$ 14,994	\$ 14,799	\$ 14,994	\$ 14,994	\$ 178,562
79	NYP&A - Peak	\$ 453	\$ 448	\$ 453	\$ 451	\$ 453	\$ 451	\$ 453	\$ 451	\$ 453	\$ 451	\$ 453	\$ 451	\$ 453	\$ 5,423
80	Miller Hydro	\$ 7,979	\$ 7,400	\$ 9,600	\$ 12,264	\$ 9,515	\$ 10,364	\$ 10,027	\$ 6,598	\$ 5,946	\$ 4,523	\$ 4,501	\$ 6,230	\$ 6,230	\$ 94,706
81	NextEra RISE Purchase	\$ 85,975	\$ 74,130	\$ 51,138	\$ 24,276	\$ 18,853	\$ 23,885	\$ 20,674	\$ 20,069	\$ 18,274	\$ 19,588	\$ 29,918	\$ 62,145	\$ 62,145	\$ 448,526
82	FCM Payments by LP	\$ (3,360)	\$ (3,360)	\$ (3,360)	\$ (3,360)	\$ (3,360)	\$ (3,049)	\$ (3,049)	\$ (3,049)	\$ (3,049)	\$ (3,049)	\$ (3,049)	\$ (3,049)	\$ (3,049)	\$ (45,144)
83	FCM Bilateral Costs	\$ 16,900	\$ 16,900	\$ 16,900	\$ 16,900	\$ 16,900	\$ 16,900	\$ 16,900	\$ 16,900	\$ 16,900	\$ 16,900	\$ 16,900	\$ 16,900	\$ 16,900	\$ 106,410
84	Spruce Mnt.	\$ 17,427	\$ 10,421	\$ 14,821	\$ 15,292	\$ 11,712	\$ 10,576	\$ 8,344	\$ 9,827	\$ 13,434	\$ 10,707	\$ 17,567	\$ 15,581	\$ 15,581	\$ 195,310
85	REC Quarterly credit	\$ (19,521)													
86	ISO Energy Interchange	\$ 31,865	\$ 31,865	\$ 31,865	\$ 31,865	\$ 31,865	\$ 31,865	\$ 31,865	\$ 31,865	\$ 31,865	\$ 31,865	\$ 31,865	\$ 31,865	\$ 31,865	\$ 401,470
87	ISO FCM Costs	\$ 192,872	\$ 165,216	\$ 116,313	\$ 72,782	\$ 88,996	\$ 118,039	\$ 192,865	\$ 151,858	\$ 95,969	\$ 147,345	\$ 105,166	\$ 179,259	\$ 179,259	\$ 1,626,680
88	TransCanada "Bal Power"	\$ 82,121	\$ 81,395	\$ 82,121	\$ 81,879	\$ 82,121	\$ 81,879	\$ 82,121	\$ 82,121	\$ 81,879	\$ 82,121	\$ 81,879	\$ 81,879	\$ 81,879	\$ 976,146
89	Project 6 (total billing)	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 100	\$ 1,200
90	Service Billing	\$ (68,806)	\$ (44,928)	\$ 13,260	\$ 9,789	\$ 6,258	\$ 10,257	\$ 7,653	\$ 3,538	\$ 5,975	\$ 4,507	\$ (54,896)	\$ (93,877)	\$ (93,877)	\$ 5,441
91	ISO Annual Fee	\$ 5,441	\$ 5,441	\$ 5,441	\$ 5,441	\$ 5,441	\$ 5,441	\$ 5,441	\$ 5,441	\$ 5,441	\$ 5,441	\$ 5,441	\$ 5,441	\$ 5,441	\$ 5,441
92	ISO Load Based Charges	\$ 23,448	\$ 26,984	\$ 14,407	\$ 8,541	\$ 6,429	\$ 12,897	\$ 8,541	\$ 4,949	\$ 8,231	\$ 10,065	\$ 9,788	\$ 57,645	\$ 57,645	\$ 197,242
93	ISO Scheduled Charges	\$ 3,405	\$ 7,966	\$ 7,512	\$ 7,487	\$ 6,832	\$ 7,040	\$ 8,696	\$ 8,503	\$ 7,494	\$ 6,846	\$ 7,031	\$ 6,741	\$ 6,741	\$ 85,573
94	ENE Expenses	\$ 6,850	\$ 6,850	\$ 6,850	\$ 6,850	\$ 6,850	\$ 6,850	\$ 6,850	\$ 6,850	\$ 6,850	\$ 6,850	\$ 6,850	\$ 6,850	\$ 6,850	\$ 82,200
95	Sub-Total	\$ 419,293	\$ 376,296	\$ 376,773	\$ 299,916	\$ 271,269	\$ 330,610	\$ 404,170	\$ 320,937	\$ 290,639	\$ 335,963	\$ 292,796	\$ 410,718	\$ 410,718	\$ 4,129,549
96	Less Identified Project 6 Transition	\$ (46,083)	\$ (46,083)	\$ (46,083)	\$ (46,083)	\$ (46,083)	\$ (46,083)	\$ (46,083)	\$ (46,083)	\$ (46,083)	\$ (46,083)	\$ (46,083)	\$ (46,083)	\$ (46,083)	\$ (553,000)
97	Restated Costs - Standard Offer	\$ 373,180	\$ 330,212	\$ 330,689	\$ 253,832	\$ 225,186	\$ 284,727	\$ 358,087	\$ 274,854	\$ 244,555	\$ 289,880	\$ 246,713	\$ 364,635	\$ 364,635	\$ 3,576,549
98	Restated Costs:														
100	Transition	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 46,083	\$ 553,000
101	Transmission	\$ 178,962	\$ 197,240	\$ 201,200	\$ 153,170	\$ 108,138	\$ 119,505	\$ 129,430	\$ 151,853	\$ 129,777	\$ 126,777	\$ 109,966	\$ 131,922	\$ 131,922	\$ 1,737,939
102	Standard Offer	\$ 373,180	\$ 330,212	\$ 330,689	\$ 253,832	\$ 225,186	\$ 284,727	\$ 358,087	\$ 274,854	\$ 244,555	\$ 289,880	\$ 246,713	\$ 364,635	\$ 364,635	\$ 3,576,549
103	Total Restated Costs	\$ 598,225	\$ 573,536	\$ 577,973	\$ 453,086	\$ 379,407	\$ 450,315	\$ 533,600	\$ 472,789	\$ 420,415	\$ 462,740	\$ 402,762	\$ 542,640	\$ 542,640	\$ 5,867,488
104															
105															
106															
107															
108	Actual Sales Previous Period (4)														
109	1% Growth Factor	5,176	4,898	4,309	4,330	4,161	4,271	4,787	5,099	4,161	4,350	4,645	4,645	4,645	55,751
110	DPI Phase Out	52	49	43	43	42	43	48	56	(202)	(314)	44	46	46	558
111	Estimated Sales (5)	5,228	4,947	4,352	4,373	4,203	4,313	4,763	5,446	3,889	4,024	4,300	4,300	4,300	54,785
112	Transition	\$ 8,81	\$ 9,32	\$ 10,59	\$ 10,54	\$ 10,97	\$ 10,68	\$ 9,88	\$ 8,46	\$ 9,31	\$ 11,85	\$ 11,45	\$ 10,72	\$ 10,72	\$ 10,09
113	Transmission	\$ 34,23	\$ 39,87	\$ 46,24	\$ 35,03	\$ 25,73	\$ 27,71	\$ 27,18	\$ 26,23	\$ 26,23	\$ 32,60	\$ 27,53	\$ 30,68	\$ 30,68	\$ 31,72
114	Standard Offer	\$ 71,38	\$ 66,75	\$ 75,89	\$ 58,05	\$ 53,58	\$ 66,01	\$ 75,19	\$ 50,47	\$ 49,43	\$ 74,54	\$ 61,31	\$ 84,79	\$ 84,79	\$ 65,28
115	Total	\$ 114,43	\$ 115,93	\$ 132,82	\$ 103,61	\$ 90,28	\$ 104,40	\$ 112,04	\$ 86,81	\$ 84,97	\$ 118,98	\$ 100,09	\$ 126,19	\$ 126,19	\$ 107,10
116															
117															
118															
119	(3) From Pascoag's Audited Financial Statements, FY ending 12/31/2013; Contingent Liability - MIMWEC Footnote, Page 22. For 2015, the total annual cost is \$553,000														
120	(4) From Schedule E - three-year average (Except where noted: October - December uses a two-year average)														
121	(7) Indicates Transmission Charges														
122															
123															
124															

1706 growth
- DPI phase out
- net forecast
- sales

Pascoag Utility District
Demand Side Management Programs - 2015 Proposed Budget

Estimated carry over from 2014	\$ 39,000
Estimated sales for 2015	\$ 109,570
Net 2015 budget	\$ 148,570

	2015 Proposed Budget	
Residential Program		
DR1501 ENE Residential Conservation (ECHO)	2,400	12 month @ \$200
DR1502 Home Energy Audits with Incentives	3,600	10 Audits @ \$220, with 10% rebates up to \$100, 5 free cfl's & smart power strip
DR1503 Energy Star Appliance Rebates	9,000	Up to 106 incentives
DR1504 Refrigerators/Freezer Buy Back	1,035	\$50 incentive & \$19 removal fee for a Refrigerator or Freezer; up to 15 rebates
DR1505 Energy Efficient Windows/Doors	2,500	up to 166 window at \$15 or up to 62 doors at \$40
DR1506 Heating System Incentive	3,000	12 Rebates at \$250
DR1507 ENERGY STAR qualified Water Heaters	900	6 Rebates at \$150
DR1508 Energy Star Lighting fixtures & ceiling/ventilation fans	1,000	up to 20 rebates at \$50 maximum
DR1509 Home Office Equipment/Home Electronics	2,500	50 Rebates at \$50
DR1510 Geothermal System	100	To keep the line item open
DR1511 New Construction	2,080	4 Rebates up to \$520 maximum
DR1512 Central Air Conditioning	1,500	5 Rebates up to \$300 maximum
DR1513 Change a Light Campaign	750	15 Rebates up to \$50 maximum
DR1514 Smart Power Strips	200	25% rebate (average cost is between \$27-\$37)
DR1515 ENERGY STAR Pool Pumps	500	10% of cost up to \$100 maximum; 5 Rebates
DR1516 Desk Calendars- with DSM rebate information	852	450- Desk Top Calendars with DSM rebate information
DR1517 Committed for 2013 Programs	2,000	To accommodate programs with depleted funds from 2014
Net Residential	\$ 33,917	
Industrial/Commercial		
D11501 Energy Star Incentive - Office Equipment	500	10 Rebates up to \$50 maximum
D11502 Burrillville Municipal Buildings	21,837	Burrillville Municipal Building Incentives
D11503 Committed Funds- Lighting & EE Projects	12,000	Money to be available for Commercial & Industrial Energy Efficiency Projects.
D11504 Consultation Fees	1,000	To consult with Rise, National Grid, & ENE
D11505 Energy Star Commercial Appliance	700	2 Appliances up to a maximum of \$350
D11506 LED Street Light Incentive	26,526	Balance of Incentive from 2014 \$17,684 & \$8,852 incentive on 52 additional LED Street Lights
Net Industrial/Commercial	\$ 62,563	
Administrative/Ad/Education		
DA1501 Administrative	21,000	Administrative labor, mileage, supplies, training session with a luncheon for the CSR's
DA1502 Funds for Follow-up to Successful Programs	2,148	To be used on more successful programs
DA1503 Outreach/Education	10,000	Billing inserts, Energy Saving Coloring books, Culver conservation items, and the DEED membership.
DA1504 Jesse Smith Library Partnership	3,700	To partner with the Jesse Smith Library on an Energy Efficiency Project.
DA1505 Community Events	10,242	To promote Energy Efficient @ Community Events(Green Festival, Family fair, ...)
DA1506 Energy Efficiency Management continuing education	4,500	Tuition, flight, hotel, meals, books, NEEP 2 day conference, and webinars
DA1507 Program Research and Development	500	Funds for future development of programs
Net Administrative/Ad/Education	\$ 52,090	
Estimated DSM 2013 Budget/ Expenses/ Balance	\$ 148,570	