

REPORT TO THE PUBLIC UTILITIES BOARD

SURPLUS ENERGY PROGRAM

NOVEMBER 1, 2013 – OCTOBER 31, 2014

JANUARY 2015



TABLE OF CONTENTS

	<u>Page Number</u>
BACKGROUND	3
SUMMARY OF FINDINGS	3
DESCRIPTION OF PROGRAM.....	5
Eligibility:	5
Billing:	5
PROGRAM SUBSCRIPTION	6
POTENTIAL CUSTOMERS	7
CUSTOMER EXPERIENCE	7
SEP ENERGY PRICES	7
SOURCE OF SUPPLY FOR SEP ENERGY	9
ACTUAL SALES	10
YEAR-TO-DATE RESULTS.....	12
Attachment 1 - SEP: Chronology of PUB Directives, MH Applications, and Reports...	14
Attachment 2 - PUB Approved Weekly SEP Rates.....	16
Attachment 3 - SEP Energy Supply Source.....	18
Attachment 4 - Total Energy Sales in MWh.....	23
Attachment 5 - Energy Charge Revenue	25
Attachment 6 - Distribution Charge Revenue.....	27
Attachment 7 - SEP Energy Revenues vs. Costs	29

**REPORT TO PUBLIC UTILITIES BOARD
SURPLUS ENERGY PROGRAM
NOVEMBER 1, 2013 - OCTOBER 31, 2014**

BACKGROUND

The Surplus Energy Program (“SEP”) was first approved on June 30, 2000 by Public Utilities Board (“PUB”) Order No. 90/00. The program is intended to enable customers to purchase surplus energy at market prices that are determined on a weekly basis for peak, shoulder, and off-peak periods. Customers began accepting service under the Terms and Conditions of this temporary program on December 4, 2000. Manitoba Hydro filed an Application on April 5, 2012 requesting minor modifications to SEP Option 1, as well as to make SEP a permanent rate offering. These proposals were subsequently included in Manitoba Hydro’s 2012/13 and 2013/14 General Rate Application (“GRA”). At the conclusion of the GRA hearing, the PUB issued Board Order 43/13 dated April 26, 2013 which approved SEP Option 1 on an interim basis, and approved Options 2 and 3 as a permanent rate offering. Manitoba Hydro is seeking final approval of the changes to SEP Option 1 Terms and Conditions in its 2015/16 and 2016/17 GRA.

As part of the original Board Order which approved SEP, Manitoba Hydro was directed to file annual reports on the status of the program. This is the 14th report which covers the period November 1, 2013 to October 31, 2014. For a brief history of PUB Orders and Manitoba Hydro’s applications and reports with respect to the SEP Program, please see Attachment 1.

SUMMARY OF FINDINGS

The SEP Program is a revenue neutral program that offers customers choice and access to surplus energy at prices that reflect Manitoba Hydro’s short term marginal cost of energy. To obtain the full benefits of the program customers need to have sufficient flexibility in their operation to take advantage of lower price periods. While the SEP Program is not intended as a rate discount program, market and Manitoba Hydro supply conditions during the past year were such that all SEP customers experienced reduced bills relative to the respective General Service firm rate they would have otherwise billed under.

The cost to Manitoba Hydro for providing surplus energy to SEP customers during the current one-year reporting period was \$1,068,652. Total revenue collected under SEP was \$1,055,103 excluding Basic Charges and Distribution Charges, resulting in a net revenue loss to Manitoba Hydro of \$13,549.

The main factors that affected SEP prices during the current reporting year were extra-provincial market prices, weather driven electrical load-water conditions, and transmission constraints to neighboring markets. Water conditions during this period were above average. Hydraulic generation through the winter and early spring was above average because there was significant storage carry forward from the previous year. However, persistent below average temperatures in the region resulted in increased domestic electrical demand and added pressure to market prices during the winter months. Colder than normal weather resulted in increased short-term marginal energy costs, particularly from mid-January to mid-February. Inflows were well above average through spring and summer across all basins, and were record high in the Winnipeg River basin, allowing for above average hydraulic generation through the entire reporting period. Spill conditions occurred through the late spring, summer and fall due to high inflows. An extended transmission outage through October 2014 restricted Manitoba Hydro exports and added downward pressure on the SEP rates during this period. Energy is sourced from avoided spill, defined as the water that would have been spilled absent of the SEP during times when tie-lines to neighboring markets are fully utilized and there is unused hydro generation capacity. These factors, combined with a growth in wind generation in the US market, as well as continued low natural gas costs have kept SEP prices generally lower compared to the prices experienced in 2007/08.

The majority (70%) of the Peak SEP energy supply was sourced from displaced exports, while 30% was sourced through avoided spill. For the Shoulder period, 57% was sourced through exports, and 43% through avoided spill. For the Off-Peak period, 51% of energy was sourced through exports, 46% through avoided spill, and 3% was sourced through imports.

Average 2013/14 SEP prices were the 5th lowest of the 14 years the program has been available and were similar to the 2009/10 average prices. Higher average SEP prices were seen from 2000 to 2009. SEP General Service Medium average prices were: On-Peak 4.318 ¢/kWh ranging from 0.426 ¢/kWh to 7.447 ¢/kWh; Shoulder 3.223 ¢/kWh ranging from 0.426 ¢/kWh to 6.299 ¢/kWh; and Off-Peak 1.832 ¢/kWh ranging from 0.426 ¢/kWh to 4.157 ¢/kWh.

There was no interruption in service during the 12 month reporting period.

DESCRIPTION OF PROGRAM

Eligibility:

The Program makes surplus energy available on an interruptible basis to Manitoba Hydro General Service customers. Eligible customers can participate in one of the following three options:

- 1) **Industrial Load - Option 1** - available to industrial loads whose Total Demand is 1,000 kVA or greater. Total Demand is defined as the Reference Level of Demand plus the level of demand associated with SEP. Under this option customers may only designate 25%¹ of their total load as SEP load, with the remaining 75% being their Reference Demand. Manitoba Hydro is proposing changes to the Reference Demand to allow customers to have a different Reference Demand for each of the three pricing periods. The highest designated Reference Demand would be used in determining the customer's monthly billed demand.
- 2) **Heating Load - Option 2** – available to electrical loads of 200 kW or greater. The electricity is to be used for space and/or water heating only and must be separately metered from the customer's firm load. Customers must have an alternate back-up energy source capable of heating the entire load in the event of an interruption.
- 3) **Self-Generation Displacement - Option 3** – available to industrial intermittent loads with total demand between 200 kW to 50,000 kW. Load would not be considered intermittent if the average monthly load factor exceeds 25%. The load must be separately metered from the customer's firm load and must be fully backed up by generating equipment which is leased or owned by the customer and is located on the premises of the SEP load.

Billing:

All SEP customers are billed a monthly Basic Charge, Distribution Charge and an Energy Charge. The Basic Charge is \$50.00 per month for customers with connected loads of 1,000 kVA or less, and \$100.00 per month for connected loads greater than 1,000 kVA. The Distribution Charge per kilowatt-hour ranges from 0.06¢ to 0.62¢ dependent on customer class. The Energy Charge per kilowatt-hour, applicable to three pricing periods, varies based on

¹ Customers can designate up to 50% of their load as SEP provided they have an alternate back-up source of energy to supply the amount in excess of the 25%.

expected market prices from week-to-week. The three pricing periods are peak, shoulder and off-peak, and are further defined by season as shown in the following table:

	Summer (May 1 – October 31)	Winter (November 1 – April 30)
Peak	12:01 to 20:00 hours Monday to Friday Except Statutory Holidays	07:01 to 11:00 hours and 16:01 to 20:00 hours Monday to Friday Except Statutory Holidays
Shoulder	All hours except Peak, every day from 07:01 to 23:00	
Off-Peak	All night time hours from 23:01 to 07:00 hours	

PROGRAM SUBSCRIPTION

There were 28 customers on the SEP program for this reporting period. Of the 28 customers, 25 are Option 2 (Heating Load) and 3 are Option 3 (Self-Generation Displacement). There are no Option 1 (Industrial Load) customers.

All the Option 2 customers are classed as General Service Medium Demand and fall under the following industry types:

Agricultural and Related Service Industries	7 customers
Educational Service Industries	12 customers
Local Government Service Industries	4 customers
Machinery & Equipment	1 customer
Retail Food, Beverage and Drug Industries	1 customer

All the Option 3 customers are in the General Service Large Demand 750 V – 30 kV class under the following industry types:

Quarry & Sand Pit Industries	2 customers
Paper & Allied Products Industries	1 customer

All customers have signed a waiver ensuring they have appropriate back-up facilities to support their loads in the event of an interruption.

POTENTIAL CUSTOMERS

One customer in the welding industry is currently in the process of contracting for SEP. Customers in the agricultural industry who currently use coal are assessing alternate fuel choices and may consider SEP in the future due to the Manitoba government's ban on the use of coal for space and water heating in 2017.

CUSTOMER EXPERIENCE

Manitoba Hydro is not aware of any customer complaints regarding the SEP Program.

There have been no difficulties encountered with communication of pricing information to customers on a timely basis. This information is faxed or emailed to customers on Wednesday of each week, providing prices that will be in place for the following week beginning Sunday at midnight.

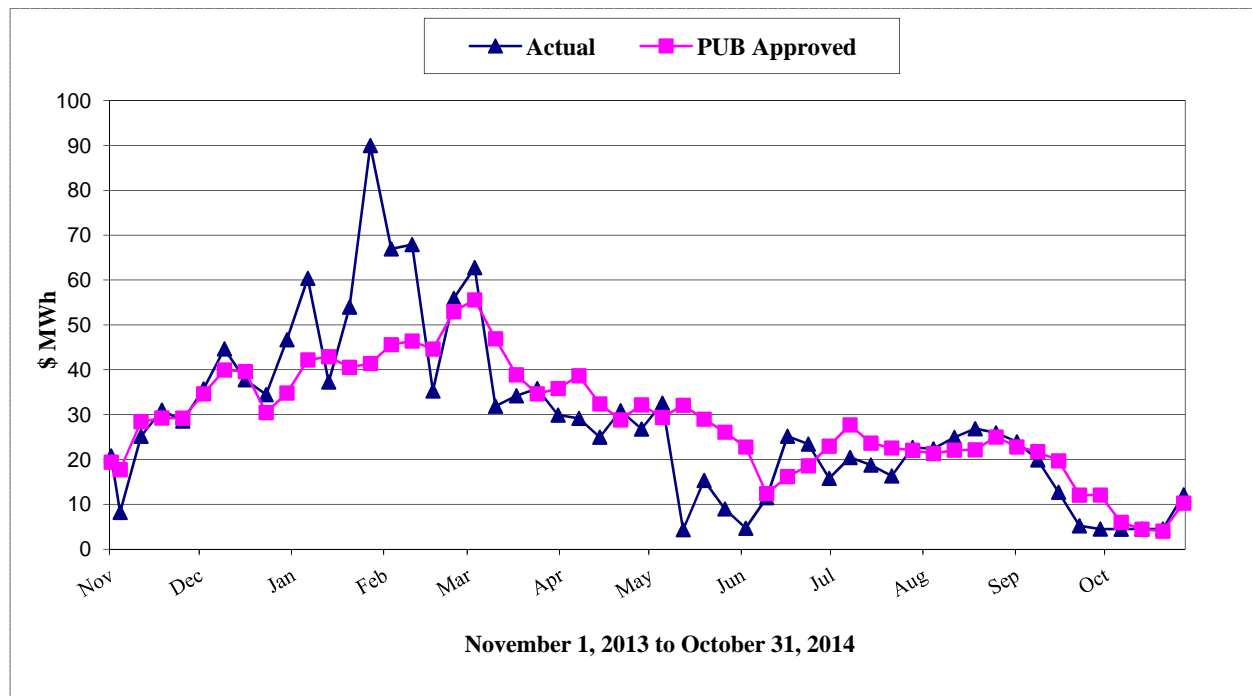
SEP ENERGY PRICES

Each Wednesday Manitoba Hydro applies to the Public Utilities Board for interim *ex parte* approval of the SEP Energy Rates to be in effect the following Monday through Sunday. The following table compares the weekly average prices approved by the PUB with the actual average after-the-fact prices throughout the reporting period. Attachment 2 provides the weekly rates for each pricing period for both Medium and Large 750 V - 30 kV classes. The information is also shown graphically on page 7.

SEP - Average Weekly Rate Per MWh				
Week Beginning	Actual	PUB Approved	Difference	PUB Order No.
November 1, 2013	\$20.79	\$19.39	\$1.40	131/13
November 4, 2013	\$8.21	\$17.71	(\$9.50)	133/13
November 11, 2013	\$25.17	\$28.43	(\$3.26)	135/13
November 18, 2013	\$31.01	\$29.25	\$1.76	137/13
November 25, 2013	\$28.55	\$29.21	(\$0.66)	138/13
December 2, 2013	\$35.71	\$34.62	\$1.09	141/13
December 9, 2013	\$44.65	\$39.96	\$4.69	146/13
December 16, 2013	\$37.76	\$39.60	(\$1.84)	152/13
December 23, 2013	\$34.45	\$30.46	\$3.99	155/13

SEP - Average Weekly Rate Per MWh				
Week Beginning	Actual	PUB Approved	Difference	PUB Order No.
December 30, 2013	\$46.69	\$34.81	\$11.88	156/13
January 6, 2014	\$60.38	\$42.19	\$18.19	157/13
January 13, 2014	\$37.27	\$42.91	(\$5.64)	1/14
January 20, 2014	\$53.97	\$40.55	\$13.42	5/14
January 27, 2014	\$89.98	\$41.39	\$48.59	10/14
February 3, 2014	\$66.93	\$45.60	\$21.33	11/14
February 10, 2014	\$67.91	\$46.39	\$21.52	14/14
February 17, 2014	\$35.28	\$44.62	(\$9.34)	18/14
February 24, 2014	\$55.91	\$52.98	\$2.93	20/14
March 3, 2014	\$62.78	\$55.58	\$7.20	21/14
March 10, 2014	\$31.87	\$46.89	(\$15.02)	24/14
March 17, 2014	\$34.20	\$38.88	(\$4.68)	28/14
March 24, 2014	\$35.81	\$34.63	\$1.18	33/14
March 31, 2014	\$29.90	\$35.83	(\$5.93)	40/14
April 7, 2014	\$29.17	\$38.65	(\$9.48)	36/14
April 14, 2014	\$24.97	\$32.38	(\$7.41)	38/14
April 21, 2014	\$30.86	\$28.83	\$2.03	41/14
April 28, 2014	\$26.79	\$32.17	(\$5.38)	44/14
May 5, 2014	\$32.55	\$29.37	\$3.18	47/14
May 12, 2014	\$4.34	\$32.08	(\$27.74)	50/14
May 19, 2014	\$15.34	\$28.98	(\$13.64)	53/14
May 26, 2014	\$8.97	\$26.09	(\$17.12)	55/14
June 2, 2014	\$4.68	\$22.77	(\$18.09)	58/14
June 9, 2014	\$11.48	\$12.36	(\$0.88)	60/14
June 16, 2014	\$25.18	\$16.18	\$9.00	65/14
June 23, 2014	\$23.43	\$18.57	\$4.86	67/14
June 30, 2014	\$15.79	\$22.98	(\$7.19)	71/14
July 7, 2014	\$20.45	\$27.70	(\$7.25)	74/14
July 14, 2014	\$18.75	\$23.64	(\$4.89)	77/14
July 21, 2014	\$16.32	\$22.56	(\$6.24)	80/14
July 28, 2014	\$22.68	\$22.03	\$0.65	84/14
August 4, 2014	\$22.38	\$21.32	\$1.06	88/14
August 11, 2014	\$24.93	\$22.08	\$2.85	89/14
August 18, 2014	\$26.87	\$22.15	\$4.72	92/14
August 25, 2014	\$25.94	\$25.01	\$0.93	94/14
September 1, 2014	\$23.95	\$22.80	\$1.15	97/14

SEP - Average Weekly Rate Per MWh				
Week Beginning	Actual	PUB Approved	Difference	PUB Order No.
September 8, 2014	\$19.88	\$21.75	(\$1.87)	99/14
September 15, 2014	\$12.70	\$19.70	(\$7.00)	101/14
September 22, 2014	\$5.21	\$12.06	(\$6.85)	105/14
September 29, 2014	\$4.48	\$12.07	(\$7.59)	111/14
October 6, 2014	\$4.47	\$5.98	(\$1.51)	113/14
October 13, 2014	\$4.50	\$4.46	\$0.04	114/14
October 20, 2014	\$4.49	\$4.04	\$0.45	116/14
October 27, 2014	\$12.11	\$10.27	\$1.84	117/14
Average	\$28.28	\$28.55	(\$0.27)	



SOURCE OF SUPPLY FOR SEP ENERGY

As part of its weekly Application to the PUB, Manitoba Hydro is required to indicate the expected source of supply for SEP energy that is used to derive the marginal cost of energy for the weekly SEP energy rates. The following summary table compares the expected source of supply, which was the basis of the weekly Applications, to the actual source of supply as determined after-the-fact. A more detailed analysis by week is provided in Attachment 3.

SEP Energy Supply Source (%)														
November 1, 2013 to October 31, 2014														
	Actual							Forecast						
	Imports			Exports			Avoided Spill	Imports			Exports			Avoided Spill
	Peak	Shoulder	Off-Peak	Peak	Shoulder	Off-Peak		Peak	Shoulder	Off-Peak	Peak	Shoulder	Off-Peak	
Peak	0%	0%	0%	70%	0%	0%	30%	1%	0%	0%	78%	0%	0%	21%
Shoulder	0%	0%	0%	0%	57%	0%	43%	0%	0%	0%	0%	59%	0%	41%
Off-Peak	0%	0%	3%	0%	0%	51%	46%	0%	0%	0%	0%	0%	54%	46%

Water conditions during this reporting period were above average. Hydraulic generation through the winter and early spring was above average because there was significant storage carry forward from the previous year. Inflows were well above average through spring and summer across all basins, and were record high in the Winnipeg River basin, allowing for above average hydraulic generation through the entire reporting period. Spill conditions occurred through the late spring, summer and fall due to high inflows and outages at Manitoba Hydro's interconnection to the United States.

Through-out the reporting period SEP energy was sourced mostly from displaced exports: 70% Peak, 57% Shoulder, and 51% Off-Peak. In January, February and March, 3% of the Off-Peak energy was sourced from imports. Starting in May, the remainder of the energy supply was sourced from avoided spill: 30% Peak, 43% Shoulder, and 46% Off-Peak. Avoided spill occurs during periods when tie-lines to neighboring markets are fully utilized and firm load has been met, combined with unused hydro generation capacity. In general, avoided spill is more frequently experienced during Off-Peak periods due to low over-night Manitoba loads.

ACTUAL SALES

Total energy and revenue of SEP sales over the period November 1, 2013 to October 31, 2014 were 29,371 MWh and \$1,230,282 (excluding \$19,200 in Basic Charges). The distribution of the energy and revenue by pricing period is shown below. A more detailed analysis by week is provided in Attachments 4, 5 and 6.

Period	SEP Energy Sales MWh	Revenue		
		Distribution Charge	Energy Charge	Total
Peak	6,865	\$40,093	\$328,178	\$368,271
Shoulder	12,812	\$76,395	\$482,912	\$559,307
Off Peak	9,694	\$58,692	\$244,013	\$302,705
Total	29,371	\$175,180	\$1,055,103	\$1,230,282

Over the period November 1, 2013 through to October 31, 2014, the value of SEP energy (using after-the-fact prices) was \$1,068,652. Revenue from energy sales was \$1,055,103 resulting in net revenue loss to Manitoba Hydro of \$13,549 for the year. The following table summarizes Manitoba Hydro net revenue for each time-of-use period. A more detailed analysis by week is found in Attachment 7.

SEP Energy Revenues versus Costs				
Period	SEP Energy Sales MWh	SEP Sales*	Value of SEP Energy to Manitoba Hydro	Manitoba Hydro Net Revenue
Peak	6,865	\$328,178	\$347,343	(\$19,165)
Shoulder	12,812	\$482,912	\$451,570	\$31,341
Off Peak	9,694	\$244,013	\$269,738	(\$25,725)
Total	29,371	\$1,055,103	\$1,068,652	(\$13,549)

* SEP Sales do not include \$175,180 from Distribution Charges or \$19,200 from Basic Charges. The value of SEP energy to Manitoba Hydro is calculated by multiplying weekly MWh sales by the actual weekly SEP energy rate at common bus.

YEAR-TO-DATE RESULTS

The following is a summary of the program since its inception on December 4, 2000.

Program Year	Number of Services		
	General Service Medium	GS Large (750 V to 30 kV)	Total
Dec 4, 2000 to Oct 31, 2001	24	4	28
Nov 1, 2001 to Oct 31, 2002	27	6	33
Nov 1, 2002 to Oct 31, 2003	27	6	33
Nov 1, 2003 to Oct 31, 2004	25	6	31
Nov 1, 2004 to Oct 31, 2005	22	6	28
Nov 1, 2005 to Oct 31, 2006	22	6	28
Nov 1, 2006 to Oct 31, 2007	22	5	27
Nov 1, 2007 to Oct 31, 2008	20	5	25
Nov 1, 2008 to Oct 31, 2009	19	5	24
Nov 1, 2009 to Oct 31, 2010	19	5	24
Nov 1, 2010 to Oct 31, 2011	21	5	26
Nov 1, 2011 to Oct 31, 2012	24	5	29
Nov 1, 2012 to Oct 31, 2013	25	3	28
Nov 1, 2013 to Oct 31, 2014	25	3	28

Program Year	SEP Actual Sales			
	Basic Charge	Distribution Charge	Energy Charge	Total Revenue
Dec 4, 2000 to Oct 31, 2001	\$15,436	\$105,948	\$880,033	\$1,001,418
Nov 1, 2001 to Oct 31, 2002	\$20,169	\$164,565	\$959,529	\$1,144,263
Nov 1, 2002 to Oct 31, 2003	\$21,330	\$111,347	\$1,061,522	\$1,194,200
Nov 1, 2003 to Oct 31, 2004	\$21,700	\$112,572	\$1,201,434	\$1,335,707
Nov 1, 2004 to Oct 31, 2005	\$20,180	\$147,530	\$1,277,816	\$1,445,526
Nov 1, 2005 to Oct 31, 2006	\$19,200	\$134,445	\$1,248,314	\$1,401,959
Nov 1, 2006 to Oct 31, 2007	\$19,178	\$128,724	\$1,414,933	\$1,562,835
Nov 1, 2007 to Oct 31, 2008	\$17,150	\$131,068	\$1,149,472	\$1,297,689
Nov 1, 2008 to Oct 31, 2009	\$16,790	\$139,021	\$932,076	\$1,087,887
Nov 1, 2009 to Oct 31, 2010	\$16,800	\$115,817	\$594,374	\$726,991
Nov 1, 2010 to Oct 31, 2011	\$17,650	\$152,400	\$672,493	\$842,543
Nov 1, 2011 to Oct 31, 2012	\$18,927	\$154,379	\$614,629	\$787,935
Nov 1, 2012 to Oct 31, 2013	\$19,450	\$172,097	\$793,148	\$984,695
Nov 1, 2013 to Oct 31, 2014	\$19,200	\$175,180	\$1,055,103	\$1,249,482
Total	\$263,160	\$1,945,094	\$13,854,875	\$16,063,129

Program Year	SEP Energy Sales vs. Costs			
	SEP Sales		Marginal Cost to MH	Net Revenue to MH
	MWh	Energy Charge		
Dec 4, 2000 to Oct 31, 2001	18,123	\$880,033	\$891,308	(\$11,275)
Nov 1, 2001 to Oct 31, 2002	28,808	\$959,529	\$994,233	(\$34,704)
Nov 1, 2002 to Oct 31, 2003	19,473	\$1,061,522	\$1,056,307	\$5,215
Nov 1, 2003 to Oct 31, 2004	19,328	\$1,201,434	\$992,650	\$208,784
Nov 1, 2004 to Oct 31, 2005	25,013	\$1,277,816	\$1,241,792	\$36,024
Nov 1, 2005 to Oct 31, 2006	22,927	\$1,248,314	\$1,161,379	\$86,935
Nov 1, 2006 to Oct 31, 2007	22,152	\$1,414,933	\$1,392,736	\$22,197
Nov 1, 2007 to Oct 31, 2008	22,347	\$1,149,472	\$1,138,131	\$11,340
Nov 1, 2008 to Oct 31, 2009	23,393	\$932,076	\$842,510	\$89,565
Nov 1, 2009 to Oct 31, 2010	19,506	\$594,374	\$577,384	\$16,989
Nov 1, 2010 to Oct 31, 2011	25,568	\$672,493	\$602,184	\$70,309
Nov 1, 2011 to Oct 31, 2012	25,763	\$614,629	\$560,145	\$54,484
Nov 1, 2012 to Oct 31, 2013	28,757	\$793,148	\$772,778	\$20,369
Nov 1, 2013 to Oct 31, 2014	29,371	\$1,055,103	\$1,068,652	(\$13,549)
Total	330,528	\$13,854,875	\$13,292,189	\$562,685

Attachment 1 - SEP: Chronology of PUB Directives, MH Applications, and Reports

PUB Order	Date	PUB Board Findings & MH Applications and Reports Filings
	Oct 25/99	MH files application for approval of the Surplus Energy Program
90/00	Jun 30/00	PUB approves SEP application to March 31, 2004 and directs MH to file annual reports on SEP by no later than January 31 of each year.
	Jul 20/00	MH letter - in response to Board Order 90/00 MH requests variance of 12 month notice provision to range from 12 to 16 months notice.
132/00	Sep 29/00	The PUB varies BO 90/00 such that an SEP customer who chooses to convert to firm service has various notice period options.
	Oct 26/00	MH files revised Terms & Condition of SEP to be in accordance with Board Order 90/00 and 132/00. MH also advises its intent to waive requirement for a Professional Engineer Certification of back-up facilities
143/01	Sep 13/01	The PUB approves the revised Terms and Conditions as noted in MH's letter of Oct 26/00.
	Sep 21/01	MH files revised SEP Terms and Conditions as required by BO 143/01
	Nov 30/01	MH files Report #1 on SEP for period Dec 4/00 to Oct 31/01
	Mar 12/03	MH files Report #2 on SEP for period Nov 1/01 to Oct 31/02
	Mar 24/03	MH - by correspondence requests SEP be extended to Mar 31/05 on ex parte bases.
153/03	Oct 31/03	PUB approves request for extension of SEP to March 31, 2005 on an interim ex parte basis.
	Jan 29/04	As part of 2004 GRA (Appendix 9.2.2, Volume 3) MH requests SEP program be extended two more years to March 31, 2007. MH files Report #3 on SEP for period Nov 1/02 to Oct 31/03
101/04	Jul 28/04	PUB approves MH's application to extend Terms and Conditions of the SEP, as proposed and amended by MH, until March 31, 2007.
	May 17/05	MH files Report #4 on SEP for period Nov 1/03 to Oct 31/04
	Jan 23/06	MH files Report #5 on SEP for period Nov 1/04 to Oct 31/05
	Apr 20/06	MH applies to extend SEP Terms & Conditions to Mar 31/09
	Sep 7/06	PUB issues letter advising they are prepared to extend SEP to Oct 31/07. Also state their intention to review SEP in upcoming MH GRA.
	Sep 28/06	MH letter requests PUB reconsider their position and extend program, at minimum to October 31, 2008, noting customers need to plan for modifications or elimination of SEP and require minimum 12 months notice period.
173/06	Dec 21/06	PUB approves extension of SEP to the earlier of October 31, 2007 or an application to amend by MH. Advises MH to include a review of SEP in its GRA filing, due no later than August 1, 2007.

PUB Order	Date	PUB Board Findings & MH Applications and Reports Filings
	Jan 12/07	MH files Report #6 on SEP for period Nov 1/05 to Oct 31/06
	Aug 1/07	GRA filing - MH requests immediate approval to extend SEP to October 31/08 with final approval to extend the program to March 31/13 as it is expected hearing will not take place until early 2008.
136/07	Oct 26/07	PUB approves extension of SEP to April 30, 2009 on an interim basis, unless amended or extended by a further Order of the Board.
	Feb 5/08	MH files Report #7 on SEP for period Nov 1/06 to Oct 31/07
90/08	Jun 30/08	PUB approves extension of SEP until October 31, 2008, with the application for a further extension to March 31, 2013 to be dealt with in the subsequent Order.
116/08	Jul 29/08	PUB approves extension of the SEP to October 31, 2008; on condition annual reports continue to be provided. Also raises concern with MH's marketing practices that yield extremely low prices for off-peak exports. MH directed to file a report by January 15, 2009 evaluating SEP, including monthly historical data from 2000 to 2008.
	Sep 18/08	MH files application to vary BO 116/08, requesting PUB extend the date for filing of SEP report to February 28, 2009.
150/08	Nov 7/08	PUB agrees to vary deadline date for the SEP report to February 28, 2009 and approves extension of SEP to April 30, 2009. PUB indicates final approval of SEP to March 31, 2013 will follow once receipt and review of the February 28, 2009 SEP Annual Report is complete.
	Mar 4/09	MH files Report #8 on SEP for period Nov 1/07 to Oct 31/08
57/09	Apr 28/09	PUB approves SEP to March 31, 2013
	Mar 11/10	MH files Report #9 on SEP for period Nov 1/08 to Oct 31/09
	May 11/11	MH files Report #10 on SEP for period Nov 1/09 to Oct 31/10
	April 5/12	MH files an application to vary the Terms and Conditions as well as Report #11 on SEP for period Nov 1/10 to Oct 31/11
111/12	Aug 22/12	PUB approved extension of the SEP to March 31, 2014 to allow time for review of the MH's SEP application during MH's 2012/13 and 2013/14 GRA.
	Mar 11/13	MH files Report #12 on SEP for period Nov 1/11 to Oct 31/12
43/13	Apr 26/13	PUB approves Option 1 Terms and Conditions on an interim basis, to be reviewed at a Cost of Service/Time of Use hearing. PUB approves Option 2 and 3 as a permanent rate offering.
	Jan 31/14	MH files Report #13 on SEP for period Nov 1/12 to Oct 31/13

Attachment 2 - PUB Approved Weekly SEP Rates

PUB APPROVED WEEKLY SEP RATES ¢ / kWh						
Week Beginning	General Service Medium			General Service Large 750 V to 30 kV		
	Peak	Shoulder	Off-Peak	Peak	Shoulder	Off-Peak
November 1, 2013	3.295	2.065	1.123	3.251	2.038	1.108
November 4, 2013	2.605	2.230	0.870	2.571	2.201	0.859
November 11, 2013	4.229	3.068	2.191	4.173	3.027	2.162
November 18, 2013	4.171	3.170	2.195	4.116	3.128	2.165
November 25, 2013	4.457	2.952	2.258	4.398	2.913	2.228
December 2, 2013	4.664	3.834	2.685	4.603	3.783	2.650
December 9, 2013	5.956	4.076	3.140	5.877	4.021	3.098
December 16, 2013	5.273	4.607	2.832	5.203	4.546	2.794
December 23, 2013	4.715	3.472	2.154	4.653	3.426	2.125
December 30, 2013	5.018	3.833	2.663	4.951	3.782	2.628
January 6, 2014	5.094	4.601	3.786	5.026	4.540	3.735
January 13, 2014	5.631	4.816	3.355	5.556	4.752	3.310
January 20, 2014	5.497	4.334	3.323	5.424	4.277	3.279
January 27, 2014	5.540	4.388	3.488	5.467	4.330	3.442
February 3, 2014	5.893	5.251	3.458	5.814	5.181	3.412
February 10, 2014	6.035	5.343	3.489	5.955	5.272	3.442
February 17, 2014	5.926	4.997	3.584	5.848	4.930	3.536
February 24, 2014	7.384	5.789	4.035	7.286	5.712	3.981
March 3, 2014	7.447	6.299	4.157	7.348	6.215	4.102
March 10, 2014	6.693	4.812	3.858	6.604	4.749	3.806
March 17, 2014	5.702	4.284	2.712	5.626	4.227	2.676
March 24, 2014	4.737	3.850	2.616	4.674	3.799	2.581
March 31, 2014	4.741	3.969	2.840	4.678	3.916	2.802
April 7, 2014	5.288	4.436	2.741	5.218	4.377	2.705
April 14, 2014	4.670	3.722	2.254	4.608	3.673	2.224
April 21, 2014	3.769	3.538	1.908	3.719	3.491	1.882
April 28, 2014	4.628	3.738	2.060	4.566	3.689	2.033
May 5, 2014	4.533	3.380	1.703	4.472	3.336	1.681
May 12, 2014	4.175	3.962	2.069	4.119	3.909	2.042
May 19, 2014	4.420	3.681	1.379	4.361	3.632	1.361
May 26, 2014	5.182	3.128	0.529	5.113	3.086	0.522
June 2, 2014	4.226	2.842	0.527	4.170	2.804	0.520

PUB APPROVED WEEKLY SEP RATES ¢ / kWh						
Week Beginning	General Service Medium			General Service Large 750 V to 30 kV		
	Peak	Shoulder	Off-Peak	Peak	Shoulder	Off-Peak
June 9, 2014	3.097	0.910	0.528	3.056	0.897	0.521
June 16, 2014	3.450	1.681	0.490	3.404	1.658	0.483
June 23, 2014	4.293	1.801	0.491	4.236	1.777	0.484
June 30, 2014	4.634	2.756	0.682	4.573	2.719	0.672
July 7, 2014	5.615	3.003	0.886	5.540	2.963	0.874
July 14, 2014	4.240	2.851	0.783	4.184	2.813	0.772
July 21, 2014	4.189	2.657	0.726	4.134	2.621	0.717
July 28, 2014	3.668	2.816	0.725	3.620	2.779	0.715
August 4, 2014	4.330	2.551	0.623	4.273	2.517	0.615
August 11, 2014	4.099	2.679	0.609	4.044	2.644	0.601
August 18, 2014	4.113	2.688	0.611	4.059	2.652	0.603
August 25, 2014	4.170	2.902	1.198	4.115	2.863	1.182
September 1, 2014	3.855	2.665	1.200	3.804	2.630	1.184
September 8, 2014	3.311	2.582	1.192	3.267	2.548	1.176
September 15, 2014	2.960	2.369	1.068	2.920	2.338	1.054
September 22, 2014	2.259	1.242	0.602	2.229	1.226	0.594
September 29, 2014	2.262	1.244	0.603	2.232	1.227	0.595
October 6, 2014	0.852	0.617	0.489	0.840	0.609	0.482
October 13, 2014	0.470	0.470	0.470	0.464	0.464	0.464
October 20, 2014	0.426	0.426	0.426	0.421	0.421	0.421
October 27, 2014	0.951	1.458	0.693	0.938	1.438	0.683
Average Rate	4.318	3.223	1.832	4.260	3.180	1.807
Maximum Rate	7.447	6.299	4.157	7.348	6.215	4.102
Minimum Rate	0.426	0.426	0.426	0.421	0.421	0.421
Class Rev/kWh	4.931	3.864	2.550	3.720	2.706	1.904

SEP Energy Supply Source (%)															
November 1, 2013 to October 31, 2014															
Week Of		Actual							Forecast						
		Imports			Exports			Avoided Spill	Imports			Exports			Avoided Spill
		Peak	Shoulder	Off-Peak	Peak	Shoulder	Off-Peak		Peak	Shoulder	Off-Peak	Peak	Shoulder	Off-Peak	
Jun 02/14	Peak	0	0	0	0	0	0	100	0	0	0	100	0	0	0
	Shoulder	0	0	0	0	0	0	100	0	0	0	0	56	0	44
	Off-Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
Jun 09/14	Peak	0	0	0	20	0	0	80	0	0	0	20	0	0	80
	Shoulder	0	0	0	0	0	0	100	0	0	0	0	11	0	89
	Off-Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
Jun 16/14	Peak	0	0	0	20	0	0	80	0	0	0	0	0	0	100
	Shoulder	0	0	0	0	44	0	56	0	0	0	0	0	0	100
	Off-Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
Jun 23/14	Peak	50	0	0	60	0	0	40	0	0	0	80	0	0	20
	Shoulder	0	0	0	0	22	0	78	0	0	0	0	0	0	100
	Off-Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
Jun 30/14	Peak	0	0	0	75	0	0	25	0	0	0	100	0	0	0
	Shoulder	0	0	0	0	0	0	100	0	0	0	0	20	0	80
	Off-Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
Jul 07/14	Peak	0	0	0	40	0	0	60	0	0	0	100	0	0	0
	Shoulder	0	0	0	0	11	0	89	0	0	0	0	56	0	44
	Off-Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
Jul 14/14	Peak	0	0	0	40	0	0	60	0	0	0	100	0	0	0
	Shoulder	0	0	0	0	22	0	78	0	0	0	0	11	0	89
	Off-Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
Jul 21/14	Peak	0	0	0	40	0	0	60	0	0	0	60	0	0	40
	Shoulder	0	0	0	0	11	0	89	0	0	0	0	0	0	100
	Off-Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
Jul 28/14	Peak	0	0	0	80	0	0	20	0	0	0	0	0	0	100
	Shoulder	0	0	0	0	33	0	67	0	0	0	0	0	0	100
	Off-Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
Aug 04/14	Peak	0	0	0	100	0	0	0	75	0	0	0	0	0	25
	Shoulder	0	0	0	0	10	0	90	0	0	0	0	0	0	100
	Off-Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
Aug 11/14	Peak	0	0	0	80	0	0	20	0	0	0	100	0	0	0
	Shoulder	0	0	0	0	22	0	78	0	0	0	0	0	0	100
	Off-Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100

SEP Energy Supply Source (%)															
November 1, 2013 to October 31, 2014															
Week Of		Actual							Forecast						
		Imports			Exports			Avoided Spill	Imports			Exports			Avoided Spill
		Peak	Shoulder	Off-Peak	Peak	Shoulder	Off-Peak		Peak	Shoulder	Off-Peak	Peak	Shoulder	Off-Peak	
Aug 18/14	Peak	0	0	0	60	0	0	40	0	0	0	100	0	0	0
	Shoulder	0	0	0	0	22	0	78	0	0	0	0	0	0	100
	Off-Peak	0	0	0	0	0	57	43	0	0	0	0	0	0	100
Aug 25/14	Peak	0	0	0	100	0	0	0	0	0	0	100	0	0	0
	Shoulder	0	0	0	0	11	0	89	0	0	0	0	0	0	100
	Off-Peak	0	0	0	0	0	14	86	0	0	0	0	0	0	100
Sep 01/14	Peak	0	0	0	100	0	0	0	0	0	0	100	0	0	0
	Shoulder	0	0	0	0	50	0	50	0	0	0	0	0	0	100
	Off-Peak	0	0	0	0	0	57	43	0	0	0	0	0	0	100
Sep 08/14	Peak	0	0	0	80	0	0	20	0	0	0	100	0	0	0
	Shoulder	0	0	0	0	22	0	78	0	0	0	0	0	0	100
	Off-Peak	0	0	0	0	0	29	71	0	0	0	0	0	0	100
Sep 15/14	Peak	0	0	0	60	0	0	40	0	0	0	100	0	0	0
	Shoulder	0	0	0	0	11	0	89	0	0	0	0	22	0	78
	Off-Peak	0	0	0	0	0	14	86	0	0	0	0	0	29	71
Sep 22/14	Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
	Shoulder	0	0	0	0	0	0	100	0	0	0	0	0	0	100
	Off-Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
Sep 29/14	Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
	Shoulder	0	0	0	0	0	0	100	0	0	0	0	0	0	100
	Off-Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
Oct 06/14	Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
	Shoulder	0	0	0	0	0	0	100	0	0	0	0	0	0	100
	Off-Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
Oct 13/14	Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
	Shoulder	0	0	0	0	0	0	100	0	0	0	0	0	0	100
	Off-Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
Oct 20/14	Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
	Shoulder	0	0	0	0	0	0	100	0	0	0	0	0	0	100
	Off-Peak	0	0	0	0	0	0	100	0	0	0	0	0	0	100
Oct 27/14	Peak	0	0	0	20	0	0	80	0	0	0	20	0	0	80
	Shoulder	0	0	0	0	20	0	80	0	0	0	0	20	0	80
	Off-Peak	0	0	0	0	0	20	80	0	0	0	0	0	0	100
Overall Avg		0	0	1	24	19	17	40	1	0	0	26	19	18	36

Attachment 4 - Total Energy Sales in MWh

**SURPLUS ENERGY PROGRAM
TOTAL ENERGY SALES IN MWH**

Week Beginning	Peak	Shoulder	Off-Peak	Total
November 1, 2013	32	147	97	277
November 4, 2013	173	318	232	724
November 11, 2013	145	373	262	780
November 18, 2013	214	377	296	888
November 25, 2013	228	393	300	921
December 2, 2013	228	423	317	968
December 9, 2013	265	464	363	1,093
December 16, 2013	245	446	346	1,037
December 23, 2013	142	530	336	1,008
December 30, 2013	210	514	359	1,083
January 6, 2014	241	393	323	957
January 13, 2014	226	403	322	951
January 20, 2014	238	428	336	1,002
January 27, 2014	251	419	339	1,009
February 3, 2014	232	418	327	977
February 10, 2014	241	405	333	979
February 17, 2014	166	419	301	886
February 24, 2014	244	430	340	1,014
March 3, 2014	208	340	288	837
March 10, 2014	190	346	277	812
March 17, 2014	179	338	269	786
March 24, 2014	198	338	283	820
March 31, 2014	188	307	265	760
April 7, 2014	147	288	238	672
April 14, 2014	148	315	251	714
April 21, 2014	106	258	200	564
April 28, 2014	124	224	182	530
May 5, 2014	112	205	160	478
May 12, 2014	110	196	159	466
May 19, 2014	69	156	107	331
May 26, 2014	78	125	87	289
June 2, 2014	66	110	74	250

**SURPLUS ENERGY PROGRAM
TOTAL ENERGY SALES IN MWH**

Week Beginning	Peak	Shoulder	Off-Peak	Total
June 9, 2014	58	84	60	203
June 16, 2014	47	66	40	153
June 23, 2014	39	55	29	124
June 30, 2014	30	65	35	130
July 7, 2014	47	71	40	158
July 14, 2014	43	55	31	129
July 21, 2014	41	58	34	134
July 28, 2014	44	59	34	137
August 4, 2014	36	55	30	121
August 11, 2014	44	62	36	142
August 18, 2014	50	69	40	159
August 25, 2014	36	48	31	114
September 1, 2014	28	56	31	116
September 8, 2014	70	118	85	273
September 15, 2014	68	120	90	279
September 22, 2014	51	97	64	212
September 29, 2014	79	162	108	348
October 6, 2014	100	167	131	398
October 13, 2014	72	175	118	365
October 20, 2014	88	167	121	377
October 27, 2014	149	154	133	436
Total*	6,865	12,812	9,694	29,371

* Totals may not add up due to rounding.

Attachment 5 - Energy Charge Revenue

**SURPLUS ENERGY PROGRAM
ENERGY CHARGE REVENUE**

Week Beginning	Peak	Shoulder	Off-Peak	Total
November 1, 2013	\$1,065	\$3,036	\$1,089	\$5,191
November 4, 2013	\$4,508	\$7,092	\$2,022	\$13,621
November 11, 2013	\$6,112	\$11,433	\$5,746	\$23,291
November 18, 2013	\$8,929	\$11,942	\$6,501	\$27,372
November 25, 2013	\$10,171	\$11,604	\$6,764	\$28,538
December 2, 2013	\$10,619	\$16,200	\$8,513	\$35,332
December 9, 2013	\$15,797	\$18,911	\$11,401	\$46,109
December 16, 2013	\$12,930	\$20,529	\$9,785	\$43,244
December 23, 2013	\$6,689	\$18,407	\$7,230	\$32,326
December 30, 2013	\$10,527	\$19,707	\$9,565	\$39,798
January 6, 2014	\$12,279	\$18,067	\$12,231	\$42,577
January 13, 2014	\$12,720	\$19,396	\$10,810	\$42,926
January 20, 2014	\$13,087	\$18,532	\$11,170	\$42,789
January 27, 2014	\$13,891	\$18,386	\$11,813	\$44,090
February 3, 2014	\$13,645	\$21,955	\$11,303	\$46,903
February 10, 2014	\$14,537	\$21,614	\$11,629	\$47,780
February 17, 2014	\$9,848	\$20,937	\$10,771	\$41,556
February 24, 2014	\$18,019	\$24,875	\$13,710	\$56,604
March 3, 2014	\$15,495	\$21,435	\$11,981	\$48,912
March 10, 2014	\$12,697	\$16,627	\$10,678	\$40,001
March 17, 2014	\$10,194	\$14,478	\$7,292	\$31,964
March 24, 2014	\$9,399	\$13,020	\$7,402	\$29,821
March 31, 2014	\$8,932	\$12,173	\$7,511	\$28,616
April 7, 2014	\$7,759	\$12,756	\$6,512	\$27,027
April 14, 2014	\$6,895	\$11,717	\$5,650	\$24,262
April 21, 2014	\$3,985	\$9,131	\$3,820	\$16,936
April 28, 2014	\$5,708	\$8,372	\$3,743	\$17,823
May 5, 2014	\$5,066	\$6,922	\$2,731	\$14,720
May 12, 2014	\$4,599	\$7,757	\$3,295	\$15,652
May 19, 2014	\$3,018	\$5,714	\$1,480	\$10,212
May 26, 2014	\$4,000	\$3,903	\$459	\$8,362
June 2, 2014	\$2,774	\$3,116	\$388	\$6,278
June 9, 2014	\$1,792	\$764	\$317	\$2,872

**SURPLUS ENERGY PROGRAM
ENERGY CHARGE REVENUE**

Week Beginning	Peak	Shoulder	Off-Peak	Total
June 16, 2014	\$1,620	\$1,099	\$196	\$2,915
June 23, 2014	\$1,674	\$990	\$142	\$2,805
June 30, 2014	\$1,388	\$1,773	\$240	\$3,401
July 7, 2014	\$2,602	\$2,130	\$354	\$5,085
July 14, 2014	\$1,795	\$1,555	\$244	\$3,594
July 21, 2014	\$1,720	\$1,542	\$244	\$3,506
July 28, 2014	\$1,586	\$1,654	\$249	\$3,489
August 4, 2014	\$1,526	\$1,392	\$187	\$3,105
August 11, 2014	\$1,789	\$1,657	\$218	\$3,665
August 18, 2014	\$2,044	\$1,843	\$244	\$4,131
August 25, 2014	\$1,467	\$1,378	\$366	\$3,212
September 1, 2014	\$1,075	\$1,495	\$375	\$2,944
September 8, 2014	\$2,315	\$3,040	\$1,008	\$6,363
September 15, 2014	\$2,006	\$2,850	\$967	\$5,823
September 22, 2014	\$1,135	\$1,200	\$385	\$2,720
September 29, 2014	\$1,771	\$2,010	\$650	\$4,431
October 6, 2014	\$853	\$1,027	\$639	\$2,519
October 13, 2014	\$337	\$821	\$553	\$1,711
October 20, 2014	\$375	\$711	\$517	\$1,603
October 27, 2014	\$1,412	\$2,238	\$924	\$4,574
Total*	\$328,178	\$482,912	\$244,013	\$1,055,103

* Totals may not add up due to rounding.

Attachment 6 - Distribution Charge Revenue

**SURPLUS ENERGY PROGRAM
DISTRIBUTION CHARGE REVENUE**

Week Beginning	Peak	Shoulder	Off-Peak	Total
November 1, 2013	\$190	\$890	\$595	\$1,675
November 4, 2013	\$1,021	\$1,899	\$1,423	\$4,343
November 11, 2013	\$857	\$2,249	\$1,603	\$4,709
November 18, 2013	\$1,286	\$2,282	\$1,807	\$5,376
November 25, 2013	\$1,367	\$2,372	\$1,830	\$5,569
December 2, 2013	\$1,382	\$2,576	\$1,934	\$5,892
December 9, 2013	\$1,629	\$2,850	\$2,217	\$6,696
December 16, 2013	\$1,507	\$2,737	\$2,109	\$6,353
December 23, 2013	\$872	\$3,259	\$2,049	\$6,181
December 30, 2013	\$1,290	\$3,160	\$2,194	\$6,643
January 6, 2014	\$1,482	\$2,414	\$1,972	\$5,868
January 13, 2014	\$1,387	\$2,474	\$1,965	\$5,827
January 20, 2014	\$1,462	\$2,626	\$2,050	\$6,138
January 27, 2014	\$1,540	\$2,572	\$2,065	\$6,177
February 3, 2014	\$1,422	\$2,568	\$1,993	\$5,983
February 10, 2014	\$1,480	\$2,485	\$2,033	\$5,998
February 17, 2014	\$1,021	\$2,574	\$1,833	\$5,428
February 24, 2014	\$1,499	\$2,639	\$2,073	\$6,211
March 3, 2014	\$1,279	\$2,091	\$1,758	\$5,128
March 10, 2014	\$1,165	\$2,124	\$1,692	\$4,981
March 17, 2014	\$1,097	\$2,077	\$1,644	\$4,818
March 24, 2014	\$1,217	\$2,078	\$1,730	\$5,025
March 31, 2014	\$1,156	\$1,883	\$1,618	\$4,658
April 7, 2014	\$899	\$1,762	\$1,455	\$4,116
April 14, 2014	\$884	\$1,905	\$1,531	\$4,320
April 21, 2014	\$641	\$1,555	\$1,225	\$3,420
April 28, 2014	\$723	\$1,333	\$1,111	\$3,166
May 5, 2014	\$637	\$1,200	\$982	\$2,818
May 12, 2014	\$628	\$1,142	\$973	\$2,743
May 19, 2014	\$369	\$900	\$653	\$1,921
May 26, 2014	\$411	\$706	\$525	\$1,642
June 2, 2014	\$341	\$600	\$444	\$1,385
June 9, 2014	\$280	\$439	\$358	\$1,078

**SURPLUS ENERGY PROGRAM
DISTRIBUTION CHARGE REVENUE**

Week Beginning	Peak	Shoulder	Off-Peak	Total
June 16, 2014	\$214	\$328	\$225	\$767
June 23, 2014	\$162	\$256	\$151	\$568
June 30, 2014	\$135	\$313	\$192	\$640
July 7, 2014	\$193	\$341	\$217	\$751
July 14, 2014	\$171	\$243	\$163	\$577
July 21, 2014	\$174	\$267	\$174	\$615
July 28, 2014	\$177	\$264	\$174	\$615
August 4, 2014	\$145	\$263	\$158	\$566
August 11, 2014	\$184	\$287	\$189	\$660
August 18, 2014	\$215	\$344	\$212	\$771
August 25, 2014	\$149	\$217	\$160	\$527
September 1, 2014	\$123	\$274	\$169	\$567
September 8, 2014	\$356	\$657	\$499	\$1,511
September 15, 2014	\$353	\$673	\$537	\$1,562
September 22, 2014	\$246	\$520	\$373	\$1,139
September 29, 2014	\$411	\$929	\$646	\$1,986
October 6, 2014	\$553	\$954	\$784	\$2,291
October 13, 2014	\$386	\$1,004	\$700	\$2,090
October 20, 2014	\$478	\$956	\$724	\$2,158
October 27, 2014	\$847	\$883	\$802	\$2,532
Total*	\$40,093	\$76,395	\$58,692	\$175,180

* Totals may not add up due to rounding.

Attachment 7 - SEP Energy Revenues vs. Costs

**SURPLUS ENERGY PROGRAM
SEP ENERGY REVENUES VS COSTS**

Week Beginning	SEP Energy Sales (MWH)	SEP Sales*	Value of SEP Energy to MH	Total
November 1, 2013	277	\$5,191	\$5,421	(\$231)
November 4, 2013	724	\$13,621	\$5,966	\$7,655
November 11, 2013	780	\$23,291	\$19,574	\$3,718
November 18, 2013	888	\$27,372	\$27,544	(\$172)
November 25, 2013	921	\$28,538	\$26,480	\$2,058
December 2, 2013	968	\$35,332	\$34,614	\$718
December 9, 2013	1,093	\$46,109	\$48,888	(\$2,779)
December 16, 2013	1,037	\$43,244	\$39,137	\$4,108
December 23, 2013	1,008	\$32,326	\$34,713	(\$2,387)
December 30, 2013	1,083	\$39,798	\$50,640	(\$10,841)
January 6, 2014	957	\$42,577	\$58,242	(\$15,665)
January 13, 2014	951	\$42,926	\$35,422	\$7,504
January 20, 2014	1,002	\$42,789	\$54,042	(\$11,253)
January 27, 2014	1,009	\$44,090	\$91,481	(\$47,391)
February 3, 2014	977	\$46,903	\$65,336	(\$18,433)
February 10, 2014	979	\$47,780	\$66,750	(\$18,969)
February 17, 2014	886	\$41,556	\$31,204	\$10,353
February 24, 2014	1,014	\$56,604	\$56,752	(\$148)
March 3, 2014	837	\$48,912	\$52,992	(\$4,080)
March 10, 2014	812	\$40,001	\$25,840	\$14,162
March 17, 2014	786	\$31,964	\$26,826	\$5,138
March 24, 2014	820	\$29,821	\$29,329	\$492
March 31, 2014	760	\$28,616	\$22,604	\$6,012
April 7, 2014	672	\$27,027	\$19,316	\$7,710
April 14, 2014	714	\$24,262	\$17,770	\$6,493
April 21, 2014	564	\$16,936	\$17,265	(\$329)
April 28, 2014	530	\$17,823	\$14,103	\$3,720
May 5, 2014	478	\$14,720	\$15,513	(\$793)
May 12, 2014	466	\$15,652	\$2,024	\$13,628
May 19, 2014	331	\$10,212	\$5,179	\$5,033
May 26, 2014	289	\$8,362	\$2,727	\$5,635
June 2, 2014	250	\$6,278	\$1,178	\$5,101

**SURPLUS ENERGY PROGRAM
SEP ENERGY REVENUES VS COSTS**

Week Beginning	SEP Energy Sales (MWH)	SEP Sales*	Value of SEP Energy to MH	Total
June 9, 2014	203	\$2,872	\$2,442	\$430
June 16, 2014	153	\$2,915	\$4,168	(\$1,253)
June 23, 2014	124	\$2,805	\$3,264	(\$459)
June 30, 2014	130	\$3,401	\$2,221	\$1,180
July 7, 2014	158	\$5,085	\$3,563	\$1,522
July 14, 2014	129	\$3,594	\$2,668	\$926
July 21, 2014	134	\$3,506	\$2,410	\$1,096
July 28, 2014	137	\$3,489	\$3,427	\$62
August 4, 2014	121	\$3,105	\$3,031	\$74
August 11, 2014	142	\$3,665	\$3,864	(\$199)
August 18, 2014	159	\$4,131	\$4,543	(\$412)
August 25, 2014	114	\$3,212	\$3,150	\$61
September 1, 2014	116	\$2,944	\$2,937	\$7
September 8, 2014	273	\$6,363	\$5,528	\$835
September 15, 2014	279	\$5,823	\$3,579	\$2,245
September 22, 2014	212	\$2,720	\$1,104	\$1,616
September 29, 2014	348	\$4,431	\$1,562	\$2,869
October 6, 2014	398	\$2,519	\$1,779	\$740
October 13, 2014	365	\$1,711	\$1,642	\$69
October 20, 2014	377	\$1,603	\$1,693	(\$90)
October 27, 2014	436	\$4,574	\$5,208	(\$633)
Total**	29,371	\$1,055,103	\$1,068,652	(\$13,549)

* Sales figures are based on the revenue received from the Energy Charge only. They do not include revenues from Distribution and Basic Charges.

** Totals may not add up due to rounding.