Schedule I

Green Mountain Power Corporation
Fiscal Year (FY) 2017 Total Rate Impact

$ in 000's	Revenue Deficiency	Rate Impact
FY 2017 Change in Base Rates	$ 14,217	2.57%
FY 2017 Power Supply Adjustor	$ 5,342	0.96%
	$ 19,559	3.53%

FY 2017 Change in Base Rates will apply to all rate classes starting October 1, 2016, except for the Transmission Class customer. The change includes a 9.44% allowed rate of return, which is the same allowed rate of return in current rates. While 10- year Treasury bond yields are currently lower than last year, fluctuation may still occur between now and the formulaic Return on Equity (ROE) calculation period in mid-July. For this reason, the allowed ROE for this June 1, 2016 filing is kept constant with current rates, and the August 1, 2016 allowed ROE will reflect the formulaic result associated with mid-July 10-year Treasury Bond rates. Please note that Base Rates include the second year of the two-year Exogenous Change Adjustment collection. This adjustment, consisting primarily of the Major Storm Adjustment of $15.2 M for the period October 1, 2014 through March 31, 2015 offset partially by application of the Vermont Yankee Revenue Sharing proceeds of $7.9 M, results in a collection of $3.7 M in FY 2017. Please also note that Base Rates include recovery of $0.8 M associated with the FY 2015 Earnings Sharing Adjustor Mechanism (ESAM).

FY Power Adjustor includes recovery of an undercollection of $5.3 M for the period April 1, 2015 to March 31, 2016.

Please see **"Major Drivers Narrative"** for more discussion of this filing.

COST OF SERVICE
TEST YEAR ENDED March 31, 2016

GREEN MOUNTAIN POWER CORPORATION
June 1, 2016

Rate Year 2017

COST OF SERVICE - $ in 000s	PER BOOKS BALANCES (1)	ADJUSTMENT COL3-COL1 (2)	PROFORMA BALANCES (3)	
Operating Expenses:				
Purchased Power, Net	$249,023	$5,338	$254,361	
Production	25,845	517	26,362	
Other Power Supply	967	2,226	3,193	
Purchased Power and Production	275,835	8,081	283,916	
Transmission	94,397	(628)	93,769	
Transmission - Other	3,550	2,085	5,635	
Distribution	31,907	12,652	44,559	
Customer Accounting	9,079	1,160	10,239	
Customer Service and Information	2,573	33	2,606	
Sales	13	(13)	0	
Administrative and General	40,669	14,527	55,196	
Non Base O&M Costs - AMI	1,935	(1,193)	742	
Non Base O&M Costs - KCW	930	27	957	
Non Base O&M Costs - VMPD	263	(150)	113	
Non Base O&M Costs - 7496 MOU	0	0	0	
Acct 929	128	(472)	(344)	
Business Development	556	0	556	
Depreciation & Amortization	52,829	(3,248)	49,581	
Taxes - Federal and State	32,887	4,337	37,224	
- Municipal	24,908	3,173	28,081	
- Other, excluding Revenue Taxes	2,924	(49)	2,875	
Accretion Expense	231	17	248	
Capital Costs (Credit Facility Fees)	445	(348)	97	
Total Operating Expenses	576,057	39,992	616,049	
Return on Utility Rate Base	84,113	15,685	99,797	7.29%
Total Cost of Service Before Credits	660,170	55,677	715,846	
Less:				
Equity in Earnings of Affiliates	62,066	19,273	81,339	
Other Operating Revenues	22,526	(763)	21,763	
Business Development	742	(0)	742	
VY Insurance	0	0	0	
Interest Due From ISO-NE	0	0	0	
Resales	0	0	0	
Total Credits	85,334	18,510	103,843	
Cost of Service to Ultimate Consumers	574,836	37,167	612,003	
Gross Revenue & Fuel Gross Receipts Taxes	6,137	130	6,267	
Total Cost of Service to Ultimate Consumers	580,973	37,296	618,270	
Merger savings			(15,000)	597,003
Total Cost of Service to Ultimate Consumers			603,270	
Revenue from Ultimate Consumers			588,072	
Increase in Revenue due to SmartPower Implementation			981	
Revenue Deficiency from Ultimate Consumers			14,217	
Revenue Adjustment Percent			**2.57%**	
Bolded, italicized text indicates functional categories in Base O&M Costs.			excludes psa	
		psa impact >>	0.96%	2.3/1

GREEN MOUNTAIN POWER CORPORATION
NON-POWER COST CAP CALCULATION
$ in 000's

		Amount	
1	2016 Non Power Costs	233,375	2016 Base Case (filed August 1, 2015)
2	Plus CPI-U Northeast - (1% Productivity - Non-Power Supply C	0.35%	CPI-NE 12 months ended March 2016 less Productivity A
3			
4	2017 Non Power Cost of Service subtotal	234,192	
5			
6	Capital Spending Adjustment	4,062	Capital Spending Adjustment 2/4
7	Exogenous Changes	4,444	2015 ESAM collection; Storm recovery that was no t pa
8	ROE	2,557	ROE Adjustment 4/4
9			
10	2017 Proforma Non Power Cost of Service Cap	245,256	
11			
12	Non Power Cost of Service to Ultimate Consumers	228,778	Non Power Cost of Service Calculation 3/4
13			
14	Amount (above) or below the cap	16,478	

Capital Spending Adjustment Calc

Calculation of Capital Spending Adjustment Revenue Requirement

	Rate Year	In Rates *	Incremental Difference
Utility Plant in Service	1,745,159	1,644,419	100,740
CWIP	8,035	8,036	(1)
Accumulated Depreciation	(639,863)	(602,083)	(3,426)
ADIT			(26,654)
AFUDC			0
Efficiency Fund and CEED Fund	19,620	19,362	258
Preliminary Survey Costs	0	0	0
Rate Base subject to Capital Spending Adjustment	1,132,951	1,069,734	70,917
Depreciation and Amortization			(5,008)
Municipal Taxes		1.54%	1,548
Return and Associated Income Taxes on Rate Base		10.55%	7,482
			0
Gross Receipts Tax		1.00%	41
Capital Spending Adjustment Revenue Requirement			4,062

* From 2015 Settled Case

Non Power Cost of Service Calculation 3/5

Description	2016 Non Power Cost of Service	2017 Non Power Cost of Service
Operating Expenses:		
Purchased Power, Net		
Production		
Other Power Supply	3,174	3,193
Purchased Power and Production	3,174	3,193
Transmission		
Transmission - Other	5,601	5,635
Distribution	44,294	44,559
Customer Accounting	10,178	10,239
Customer Service and Information	2,590	2,606
Sales	0	0
Administrative and General	54,866	55,196
Non Base O&M Costs - AMI	558	742
Non Base O&M Costs - KCW	1,225	957
Non Base O&M Costs - VMPD	135	113
Non Base O&M Costs - 7496 MOU	0	0
Non Base Acct 929	(147)	(344)
Business Development	562	556
Depreciation & Amortization	50,145	49,581
Taxes - Federal and State	32,696	37,224
- Municipal	24,911	28,081
- Other, excluding Revenue Taxes	2,844	2,875
Accretion Expense	193	248
Capital Costs	142	97
Total Operating Expenses	233,969	241,557
Return on Utility Rate Base	92,111	99,797
Total Cost of Service Before Credits	326,079	341,354
Less:		
Equity in Earnings of Affiliates	62,816	81,339
Other Operating Revenues	21,669	21,763
Business Development	864	742
VY Insurance	0	0
Interest Due From ISO-NE	0	0
Resales	0	0
Total Credits	85,349	103,843
Non Power Cost of Service	240,731	237,511
Gross Revenue & Fuel Gross Receipts Taxes	5,944	6,267
Non Power Costs	246,675	243,778
Merger savings	(13,300)	(15,000)
Total Non Power Costs	233,375	228,778

ROE Adjustment

Equity Return 2017	4.79%
Equity Return 2016	4.68%
Difference	0.11%
Rate Base	1,368,964
Change in equity return	1,506
Change in income Tax	1,026
Change in Gross revenue tax	26
Total ROE Adjustment	2,557

SCHEDULE I(A)

BASE O&M CALCULATION
2017 Base Rate (filed August 1, 2015)

Prior Year Base O&M Costs	$	120,703,671
CPI-U Northeast Adjustment[1]	$	724,223
Current Year Base O&M Costs	$	121,427,894

[1] Based on latest available report as of April 30

Description of 2017 Non-Base O&M Costs – Support Schedule I(B-1)

The purpose of this document is to discuss the following components of the 2017 Cost of Service:

Rate Year 2017 COST OF SERVICE - $ in 000s	PER BOOKS BALANCES (1)	ADJUSTMENT COL3-COL1 (2)	PROFORMA BALANCES (3)
Non Base O&M Costs - AMI	1,935	(1,193)	742
Non Base O&M Costs - KCW	930	27	957
Non Base O&M Costs - VMPD	263	(150)	113
Non Base O&M Costs - 7496 MOU	0	0	0

These costs are considered O&M in nature, but are not included in the platform. Please note that in addition to platform costs and the non-base O&M costs shown above, the company's internal generation costs are found in the "Production" line of the summary cost of service.

Non-Base O&M Costs – AMI -These are costs associated with the implementation of SmartMeters within the GMP territory. While the Test Year value of $1.935 MM is spending associated with SmartMeters, the Rate Year value of $0.742 MM also contains a netting effect due to savings resulting from the adoption of this technology. The 2017 savings of $1.566 MM reflect costs originally embedded within the 2013 platform –adjusted by the platform inflation - that have been eliminated due to the implementation of AMI. The 2017 Rate Year spending for AMI is $2.307 MM. The change between the Rate Year value of $2.307 MM and the Test Year value of $1.935 MM is due largely to an infrastructure buildout-associated amortization of $0.266 MM in FY17 that began in April, 2016.

Non-Base O&M Costs – KCW - This line represents costs associated with the synchronous condenser built to support the Kingdom Community Wind Farm. Per an agreement with the DPS, GMP has moved some KCW-related expenses from the Production line in the Cost of Service to this non-platform, non-Power Supply Adjustor line. The increase of $0.027 MM from $0.930 MM in the Test Year to $0.957 MM in the Rate Year reflects those DPS agreement-affiliated expenses that were embedded in the Production Test Year that were then moved to this line in the Cost of Service.

Non-Base O&M Costs – VMPD – This line represents costs associated with tree trimming to reclaim the entire Danby transmission line from Huntington Falls to Danby Quarry.

Non-Base O&M Costs – 7496 MOU – No longer applicable.

GREEN MOUNTAIN POWER CORPORATION

SUMMARY OF REVENUES UNDER CURRENT AND PROPOSED RATES

RATE YEAR OCTOBER 1, 2016 - SEPTEMBER 2017

	AVERAGE NO OF CUSTOMERS	KWH SALES	REVENUE AT CURRENT RATES	REVENUE AT PROPOSED RATES	DIFFERENCE	PERCENT INCREASE
Residential	221,678	1,481,753,093	$250,318,870	$256,750,605	$6,431,735	2.57%
Small Commercial & Industrial	40,784	1,543,998,278	219,544,844	225,185,866	5,641,022	2.57%
Large Commercial & Industrial						
Other Large	71	780,946,974	80,686,196	82,759,361	2,073,165	2.57%
Transmission Class	1	400,164,713	35,754,007	35,754,007	-	0.00%
Total Large C& I	72	1,181,111,687	116,440,203	118,513,368	2,073,165	
Street Lighting and Other	160	5,077,551	2,749,363	2,820,006	70,643	2.57%
Total Retail Sales	**262,694**	**4,211,940,609**	**$589,053,280**	**$603,269,845**	**$14,216,565**	**2.57%**

Itron
Knowledge to Shape Your Future

Electric | Gas | Water
information collection, analysis and applicatio

Green Mountain Power
2017 Budget Forecast Report

Prepared for:

Green Mountain Power

Prepared by:

Itron, Inc.
20 Park Plaza
Boston, MA 02116-4399
617-423-7660

May 23, 2016

TABLE OF CONTENTS

TABLE OF FIGURES

Durbin-Watson Statistic	1.926

TABLE OF TABLES

2017 BUDGET FORECAST: FORECAST SUMMARY

The 2017 budget-year forecast was completed in April 2016. The forecast is based on actual sales and customer data through March 2016. The forecast has also been updated to reflect the February 2016 state economic outlook, current energy efficiency program savings projections from Vermont Energy Investment Corporation (VEIC), updated solar load projections, and expected increase in heat pump saturation as a result of VEIC and GMP promotion of cold climate heat pumps.

Sales forecasts are generated at the customer class level and include residential, commercial, industrial and street lighting. Class level sales forecasts are then allocated to rate schedules and billing determinants for the purpose of estimating revenues. Sales, customers and revenues are projected through 2026.

The sales and customer forecasts are based on statistical models (linear regression) that relate monthly class sales (average use in the residential sector) to monthly weather conditions, population growth, economic activity, prices and end-use efficiency improvements. The sales forecast is adjusted for factors not reflected in historical data including expected changes in energy requirements for the largest commercial and industrial customers, solar load penetration, and cold climate heat pumps. Impact of future efficiency programs are incorporated into the end-use intensity projections that drive the class sales forecasts. Over the next 10-years, sales are expected to average 0.2% annual decline. Table 1 shows the customer class sales forecast.

Table 1: Customer Class Sales Forecast (MWh)

Year	Residential	Chg	Commercial	Chg	Industrial	Chg	Other	Chg	Total	Chg
2016	1,472,648		1,530,267		1,176,555		5,116		4,184,586	
2017	1,481,753	0.6%	1,543,998	0.9%	1,181,112	0.4%	5,078	-0.8%	4,211,941	0.7%
2018	1,467,275	-1.0%	1,543,221	-0.1%	1,184,624	0.3%	5,078	0.0%	4,200,197	-0.3%
2019	1,451,039	-1.1%	1,540,567	-0.2%	1,186,359	0.1%	5,078	0.0%	4,183,042	-0.4%
2020	1,427,056	-1.7%	1,535,885	-0.3%	1,184,121	-0.2%	5,078	0.0%	4,152,140	-0.7%
2021	1,406,769	-1.4%	1,526,995	-0.6%	1,180,620	-0.3%	5,078	0.0%	4,119,462	-0.8%
2022	1,399,155	-0.5%	1,523,822	-0.2%	1,178,303	-0.2%	5,078	0.0%	4,106,358	-0.3%
2023	1,395,194	-0.3%	1,522,393	-0.1%	1,176,369	-0.2%	5,078	0.0%	4,099,033	-0.2%
2024	1,396,571	0.1%	1,522,356	0.0%	1,173,860	-0.2%	5,078	0.0%	4,097,864	0.0%
2025	1,393,355	-0.2%	1,518,445	-0.3%	1,171,383	-0.2%	5,078	0.0%	4,088,260	-0.2%
2026	1,394,933	0.1%	1,517,951	0.0%	1,169,226	-0.2%	5,078	0.0%	4,087,187	0.0%
16-26		-0.5%		-0.1%		-0.1%		-0.1%		-0.2%

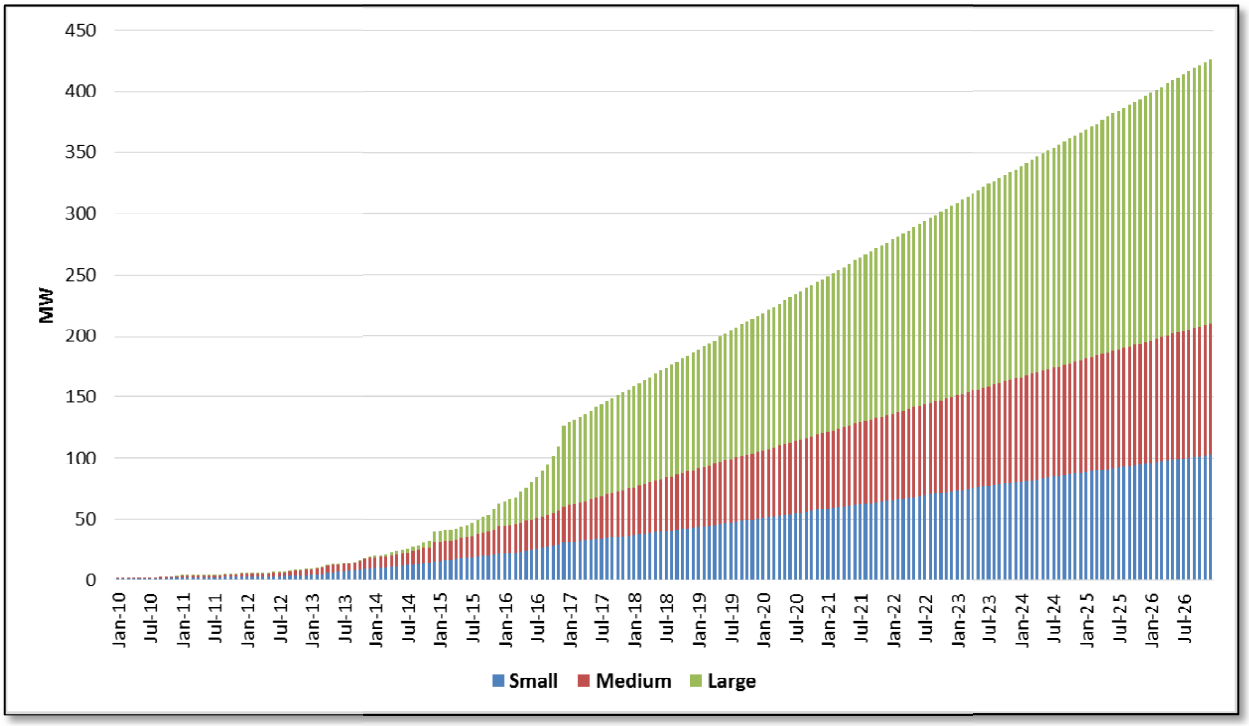
* All sales forecasts are on a "booked" or calendar-month basis by fiscal-year (Oct to Sep).

While customers have averaged 0.5% annual growth since 2005, sales have averaged 0.2% decline. This implies that average customer use has been declining 0.7% per year. This strong decline in customer usage is largely the result of improvements in end-use efficiency due to new standards and aggressive state-wide energy efficiency activity.

One of the most significant factors impacting sales is the growth in net metering. GMP is experiencing a sharp increase in PV installations, driven by declining solar system costs, extension of federal tax incentives, and GMP rate incentives.

Figure 1 shows net metering capacity projection by system size category. Between 2010 and the end of 2015, total net metering capacity has increased from virtually nothing to over 60 MW of installed capacity. Given current permits and activity level, an additional 60 MW is expected to be installed in 2016, doubling the total installed solar capacity.

Figure 1: Historical and Projected Net Metering Capacity



1. Class Sales Forecast

Monthly customer-class sales and customer forecasts are based on regression models that relate monthly sales to population projections, economic conditions, weather, price, and changes in end-use energy intensities. Models are estimated with monthly billed sales and customer counts from January 2006 to March 2016.

The forecast is based on Moody's Analytics February 2016 state economic forecast, price projections (with an assumption of flat real prices), and the Energy Information Administration (EIA) end-use intensity projections for New England. End-use intensity projections are adjusted to reflect end-use saturations for Vermont and state-wide energy efficiency (EE) program savings projections. EE savings projections are provided by VEIC and are based on the VEIC's current funding level. The EIA's New England heat pump saturation forecast is also adjusted upwards to reflect expected growth in heat pumps as part of VEIC and GMP's efforts to promote adoption of cold-climate heat pumps in homes whose primary heating fuel is propane or heating oil.

Class sales forecasts, which are derived from the statistical models, are adjusted for expected net metering impacts, and other large exogenous load changes based on the expected activity of specific large customers.

Residential

Residential customer average use has been trending downward for the last ten years. Since 2005, weather-normalized annual average use has declined from 7,650 kWh per customer to 6,900 kWh per customer; this translates into a 1.0% annual decline. The decline in usage is largely the outcome of improved efficiency driven by new appliance standards and strong energy efficiency (EE) program activity. In the last few years, net metering has also been contributing to usage decline. In the near-term, GMP will see even stronger declines in residential usage as the impact of new lighting standards coupled with other appliance standards, Efficiency Vermont's EE efforts, and net metering roll forward. Usage decline is somewhat mitigated by customer growth with population growth expected to translate into 0.4% annual residential customer growth. The combination of average use and customer forecasts results in residential sales projections of 0.5% annual decline over the next ten years. Table 2 shows the residential sales forecast.

Table 2: Residential Customer and Use Forecast

Year	Average Use (kWh)	Chg	Customers	Chg	Sales (MWh)	Chg
2016	6,671		220,760		1,472,648	
2017	6,684	0.2%	221,678	0.4%	1,481,753	0.6%
2018	6,586	-1.5%	222,790	0.5%	1,467,275	-1.0%
2019	6,480	-1.6%	223,914	0.5%	1,451,039	-1.1%
2020	6,344	-2.1%	224,936	0.5%	1,427,056	-1.7%
2021	6,231	-1.8%	225,769	0.4%	1,406,769	-1.4%
2022	6,174	-0.9%	226,608	0.4%	1,399,155	-0.5%
2023	6,134	-0.6%	227,438	0.4%	1,395,194	-0.3%
2024	6,119	-0.3%	228,240	0.4%	1,396,571	0.1%
2025	6,082	-0.6%	229,086	0.4%	1,393,355	-0.2%
2026	6,067	-0.3%	229,921	0.4%	1,394,933	0.1%
16-26		-0.9%		0.4%		-0.5%

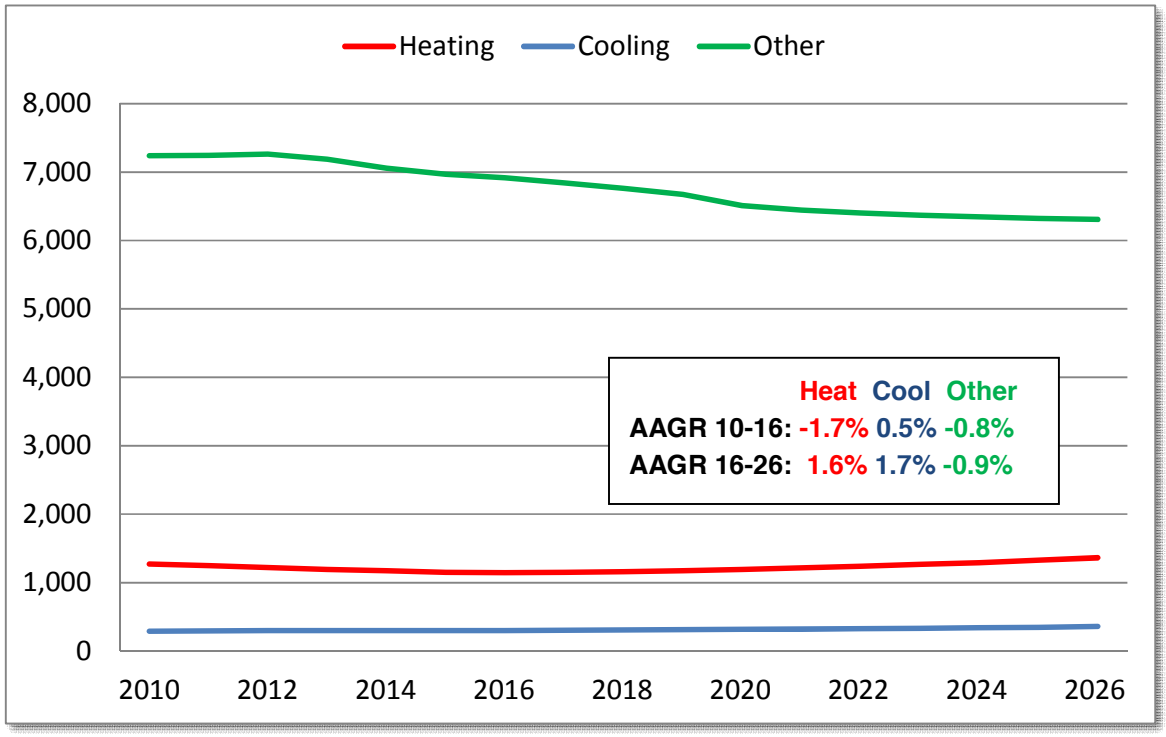
Residential sales are partly driven by state household and household income forecasts. We expect to see relatively moderate economic growth over the next five years, with households averaging 0.3% annual growth and real income per household increasing 0.7% annually. Table 3 summarizes key residential economic drivers.

Table 3: Residential Economic Drivers

Year	Population (Thou)	Chg	Households (Thou)	Chg	RPI (Mil $)	Chg	Household Income (Thou $)	Chg
2010	625.8		256.8		24,720		96.3	
2011	626.5	0.1%	257.4	0.2%	25,605	3.6%	99.5	3.3%
2012	626.1	0.0%	258.4	0.4%	26,064	1.8%	100.9	1.4%
2013	626.9	0.1%	258.9	0.2%	26,179	0.4%	101.1	0.3%
2014	626.6	0.0%	258.6	-0.1%	26,624	1.7%	103.0	1.8%
2015	627.1	0.1%	258.5	0.0%	27,317	2.6%	105.7	2.6%
2016	629.3	0.4%	259.5	0.4%	27,876	2.0%	107.4	1.7%
2017	631.3	0.3%	260.4	0.4%	28,349	1.7%	108.9	1.3%
2018	633.3	0.3%	261.6	0.4%	28,687	1.2%	109.7	0.7%
2019	635.2	0.3%	262.7	0.4%	28,966	1.0%	110.3	0.5%
2020	637.1	0.3%	263.7	0.4%	29,183	0.7%	110.7	0.4%
2021	639.0	0.3%	264.5	0.3%	29,469	1.0%	111.4	0.7%
2022	640.8	0.3%	265.3	0.3%	29,804	1.1%	112.3	0.8%
2023	642.6	0.3%	266.1	0.3%	30,133	1.1%	113.2	0.8%
2024	644.4	0.3%	266.9	0.3%	30,440	1.0%	114.1	0.7%
2025	646.1	0.3%	267.7	0.3%	30,748	1.0%	114.9	0.7%
2026	647.9	0.3%	268.5	0.3%	31,073	1.1%	115.7	0.8%
10-16		0.1%		0.2%		2.0%		1.9%
16-26		0.3%		0.3%		1.1%		0.7%

Even with stable population and economic growth, residential sales will continue to decline with improving end-use efficiency. Figure 2 shows the end-use intensity trends.

Figure 2: Residential End-Use Indices (Annual kWh per Household)



Overall, total residential intensity is expected to decline 0.4% annually over the next ten years with the non-weather sensitive end-uses seeing the largest improvement in efficiency, averaging 0.9% decline through 2026. The strong decline in other use is largely the outcome of statewide EE programs promoting LED lighting, along with future end-use appliance standards. Heating and cooling intensities actually increase over the forecast period as a result of state-wide program to promote high efficiency (cold-climate) heat pumps.

Commercial Sales

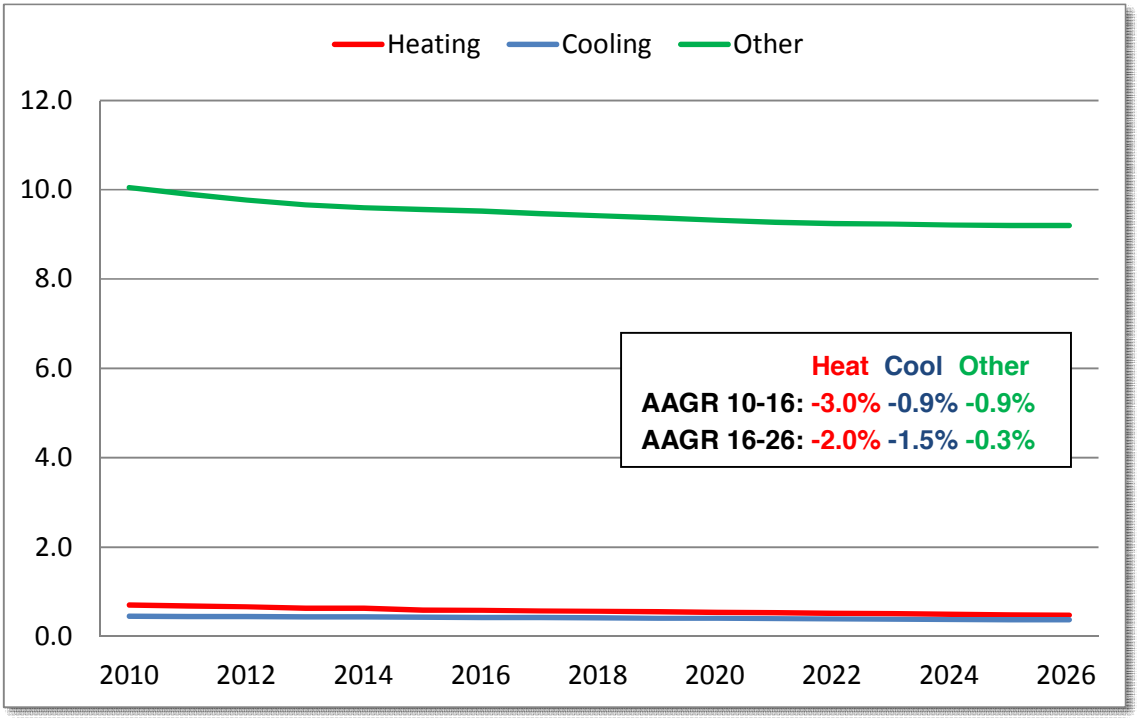
Commercial sales are projected to decline 0.1% per year through 2026. This is largely the result of the strong solar penetration. Table 4 shows a breakdown of the commercial sales forecast into average-use and customers.

Table 4: Commercial Customer Usage Forecast

Year	Average Use (kWh)	Chg	Customers	Chg	Sales (MWh)	Chg
2016	38,039		40,229		1,530,267	
2017	37,858	-0.5%	40,784	1.4%	1,543,998	0.9%
2018	37,431	-1.1%	41,229	1.1%	1,543,221	-0.1%
2019	36,989	-1.2%	41,649	1.0%	1,540,567	-0.2%
2020	36,696	-0.8%	41,855	0.5%	1,535,885	-0.3%
2021	36,388	-0.8%	41,964	0.3%	1,526,995	-0.6%
2022	36,157	-0.6%	42,145	0.4%	1,523,822	-0.2%
2023	35,941	-0.6%	42,358	0.5%	1,522,393	-0.1%
2024	35,780	-0.4%	42,547	0.4%	1,522,356	0.0%
2025	35,532	-0.7%	42,735	0.4%	1,518,445	-0.3%
2026	35,356	-0.5%	42,934	0.5%	1,517,951	0.0%
16-26		-0.7%		0.7%		-0.1%

Average-use declines over the longer term as a result of improving end-use efficiency and solar load growth. Total commercial intensity (kWh per square foot) is expected to decline 0.5% annually, resulting from new commercial end-use standards and state EE programs. Figure 3 shows commercial energy intensity by major end-use.

Figure 3: Commercial End-Use Intensities (kWh/sqft)



Moderate economic growth mitigates some of this decline. GDP is expected to average 1.4% and employment 0.7% growth over the next ten years. Manufacturing employment is incorporated into the Industrial sales model along with GDP. Table 5 shows commercial and industrial model economic drivers.

Table 5: State GDP and Employment Forecast

Year	GDP (Mil $)	Chg	Emp (Thou)	Chg	ManEmp (Thou)	Chg	NManEmp (Thou)	Chg
2010	26,235		297.8		30.6		267.2	
2011	26,923	2.6%	300.7	1.0%	31.1	1.6%	269.6	0.9%
2012	27,089	0.6%	304.3	1.2%	31.8	2.3%	272.5	1.1%
2013	26,991	-0.4%	306.7	0.8%	31.8	-0.2%	275.0	0.9%
2014	27,147	0.6%	309.9	1.0%	31.2	-1.6%	278.7	1.3%
2015	27,728	2.1%	314.3	1.4%	30.8	-1.4%	283.5	1.7%
2016	28,375	2.3%	319.5	1.7%	30.6	-0.6%	288.9	1.9%
2017	28,976	2.1%	324.6	1.6%	30.8	0.8%	293.7	1.7%
2018	29,408	1.5%	329.0	1.4%	31.0	0.4%	298.0	1.5%
2019	29,766	1.2%	332.2	1.0%	30.9	-0.2%	301.3	1.1%
2020	30,044	0.9%	333.6	0.4%	30.5	-1.2%	303.0	0.6%
2021	30,412	1.2%	334.6	0.3%	30.1	-1.5%	304.5	0.5%
2022	30,845	1.4%	336.1	0.4%	29.7	-1.4%	306.4	0.6%
2023	31,270	1.4%	337.7	0.5%	29.3	-1.3%	308.5	0.7%
2024	31,668	1.3%	339.2	0.4%	28.9	-1.4%	310.3	0.6%
2025	32,069	1.3%	340.7	0.4%	28.5	-1.3%	312.2	0.6%
2026	32,493	1.3%	342.2	0.4%	28.2	-1.2%	314.1	0.6%
10-16		1.3%		1.2%		0.0%		1.3%
16-26		1.4%		0.7%		-0.8%		0.8%

Industrial and Other Sales

The "industrial" class includes GMP's largest customers. After recent re-classification, there are now 72 customers that are defined in this rate class. While this class is dominated by industrial load, it also includes some of GMP's largest commercial customers. The two largest customers, Global Foundries and OMYA, account for half the industrial sales. Global Foundries and OMYA sales are expected to be flat over the forecast horizon.

The rest of the industrial sales are estimated using a general econometric model that relates sales to state-level GDP and manufacturing employment. Given the current projections for the overall VT economy and for Global Foundries and OMYA in particular, sales growth should be slightly positive in the near-term. Longer term, industrial sales growth are slightly negative with continued long-term trend of declining industrial activity, solar load growth, and expected efficiency program savings. The net adjustment for other specific-customer activity is relatively small with a 900 MWh annual positive adjustment.

Other use primarily consists of street lighting sales, but also includes public authority sales. Total sales are expected to be flat as continued efficiency gains outweigh new street-lighting fixture growth.

Table 6 summarizes industrial and other use sales forecast.

Table 6: Industrial Sales Forecast

Year	Industrial (MWh)	Chg	Other (MWh)	Chg
2016	1,176,555		5,116	
2017	1,181,112	0.4%	5,078	-0.8%
2018	1,184,624	0.3%	5,078	0.0%
2019	1,186,359	0.1%	5,078	0.0%
2020	1,184,121	-0.2%	5,078	0.0%
2021	1,180,620	-0.3%	5,078	0.0%
2022	1,178,303	-0.2%	5,078	0.0%
2023	1,176,369	-0.2%	5,078	0.0%
2024	1,173,860	-0.2%	5,078	0.0%
2025	1,171,383	-0.2%	5,078	0.0%
2026	1,169,226	-0.2%	5,078	0.0%
16-26		-0.1%		-0.1%

2. Forecast Assumptions

Economic Drivers

Historical and forecasted economic drivers are incorporated into the residential, commercial, and industrial sales forecasts via the forecast model specification. The primary economic variables are households, household income, GDP, total employment, and manufacturing employment. State actual and forecasted economic data is provided by Moody's Analytics; the forecast is based on the February 2016 outlook.

End-Use Saturation and Efficiency Trends

Improvements in end-use efficiency have had a significant impact on customer usage. It is impossible to explain the decline in customer usage without accounting for efficiency. Improvements in end-use efficiency are the result of new appliance standards coupled with strong state-wide EE program activity.

Historical and end-use intensity estimates are directly incorporated into the forecast models. Starting end-use energy intensities are based on the Energy

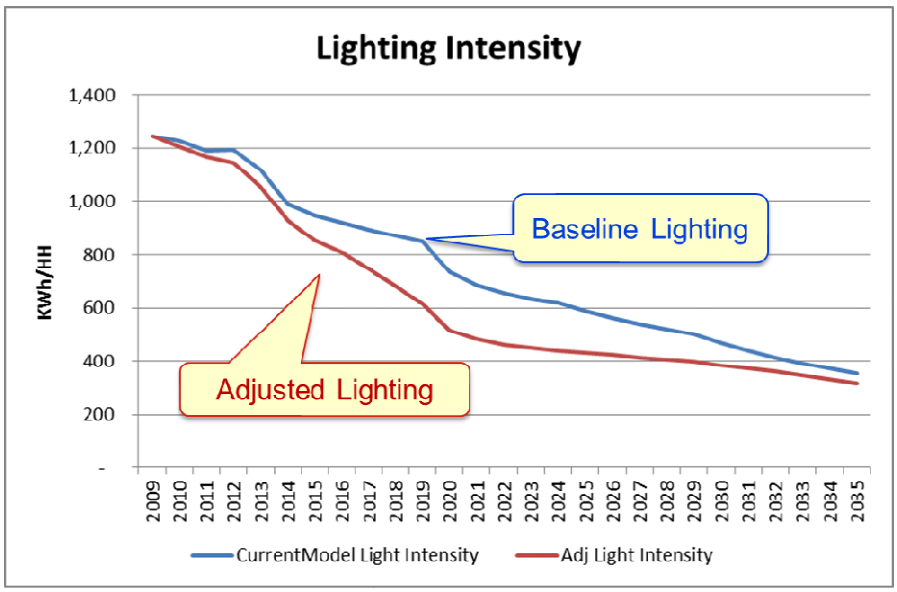
Information Agency's (EIA) 2014 Annual Energy Outlook for the New England Census Division. To better reflect the GMP service area, residential end-use saturations are calibrated into the 2013 and 2007 statewide residential appliance saturation surveys and earlier survey work conducted by Burlington Electric.

Adjusting for State EE Program Impact. End-use intensities are further adjusted to account for expected savings from state energy efficiency (EE) program activity. The current set of end-use intensity estimates were developed as part of the Vermont Electric Power Company (VELCO) long-term forecast. Itron worked with Vermont Energy Investment Corporation (VEIC) and other members of the Vermont System Planning Forecast Subcommittee (*Forecast Committee*) to develop a set of end-use intensity projections that reflect both Federal efficiency standards and the impact of future EE program savings. The end-use intensities were updated in the March 2016 forecast to reflect changes in VEIC's EE program savings projections.

The process for incorporating the program savings projections entails first developing baseline end-use sales forecasts, which reflect new standards, economics and price forecasts, weather conditions, and embedded EE program activity. Future cumulative EE program savings are then subtracted from the baseline forecast at the end-use level and used to construct EE adjusted end-use intensity forecasts.

As the state has been aggressively pursuing efficiency programs for the last ten years, there is significant efficiency improvements already embedded in the baseline forecast. To avoid "double counting" future EE savings; future EE program savings are adjusted to account for EE savings already embedded in the baseline forecast. The one exception is residential lighting. The *Forecast Committee* felt that the new lighting program promoting LED adoption was not reflected in past usage trends. A new lighting intensity to account for the LED program was developed using a stock accounting model based on annual LED bulb projections provided by VEIC. Figure 4 compares the baseline lighting intensity and program-adjusted lighting intensity.

Figure 4: Lighting Intensity Comparison



In the residential sector, end-use intensities that are adjusted for future EE program impacts include water heating, cooling, refrigeration, lighting, dryers, kitchen/laundry, and miscellaneous use. In the commercial sector, program efficiency adjustments are made to indoor lighting, outdoor lighting, refrigeration, cooling, ventilation, water heating, and miscellaneous use.

Customer Specific Load Adjustments

Customer load adjustments are also made for large expected shifts in usage that would not be captured by a regression model. These predominantly include expected load losses or increases for large commercial and industrial customers and are provided by GMP staff. The adjustments this year were relatively small as expected load losses were roughly equal to expected load gains. There is a slight positive adjustment in this year's forecast with about 2,000 MWh added to the commercial forecast and another 900 MWh added the industrial sales forecast.

Other Exogenous Forecasts

GMP provides monthly forecasts for their large transmission customers (Global Foundries/IBM and OMYA). Sales projections for these two companies are flat.

Solar Load Forecast

GMP is experiencing a significant ramp-up in solar load and is expecting this trend to continue over the next few years. GMP solar capacity projections are translated to total solar generation (MWh) and allocated between customer own-use and excess-use (that which is sold back to the Company). The allocation of solar generation to own-use and excess-use is based on historical solar

generation data. Table 7 shows the cumulative solar generation forecast beginning in the first year of the forecast (2016). The columns "Own Use" are subtracted from the model-based sales forecasts. Excess use (the difference between generation and own-use) is treated as a power purchase cost.

Table 7: Additional Solar Generation (FY Basis)

Year	Total Generation	Res Gen MWh	Res Own MWh	Com Gen MWh	Com Own MWh	Ind Gen MWh	Ind Own MWh
2016	12,185	4,315	2,950	7,098	1,142	772	280
2017	85,237	26,671	19,379	52,238	11,113	6,329	2,837
2018	126,102	39,366	28,928	76,158	20,314	10,577	5,641
2019	164,176	52,063	38,464	97,663	28,521	14,450	8,224
2020	202,648	66,022	49,047	118,575	36,094	18,052	10,552
2021	240,324	79,754	59,416	138,996	43,422	21,574	12,829
2022	278,398	93,614	69,904	159,651	50,862	25,132	15,128
2023	316,472	107,475	80,393	180,306	58,301	28,690	17,426
2024	355,256	121,579	91,107	201,365	65,941	32,313	19,766
2025	392,620	135,197	101,370	221,617	73,181	35,806	22,023
2026	430,694	149,058	111,859	242,272	80,621	39,364	24,322

3. Methodology

Class Sales Forecast

The sales forecast is based on estimated linear regression models that relate monthly historical sales to economic conditions, price, weather conditions, and long-term appliance saturation and efficiency trends. Saturation and efficiency trends are combined to construct annual energy intensity projections that are then adjusted for future EE program savings projections. Once models are estimated, assumptions about future conditions are executed through the models to generate customer and sales forecasts.

Separate forecast models are estimated for the primary revenue classes. Models are estimated for the following:

- Residential
- Commercial
- Industrial
- Other

For the 2017 budget forecast, class sales data for legacy GMP companies (North and South) were combined and modeled as a single company. The former North GS and TOU revenue classes were included in a total commercial class, and the

North CIL and Station Service revenue classes were both mapped to the industrial revenue class.

Residential and commercial models are constructed using an SAE modeling framework. This approach entails constructing generalized end-use variables (Heating, Cooling, and Other Use) that incorporate expected end-use saturation and efficiency projections as well as price, economic drivers, and weather. The SAE specification allows us to directly capture the impact of improving end-use efficiency and end-use saturation trends on class sales.

Residential

The residential forecast is generated using separate average use and customer forecast models. The average use model is estimated using an SAE specification where monthly average use is estimated as a function of a heating variable (*XHeat*), cooling variable (*XCool*) and other use variable (*XOther*) as shown below:

$$AvgUse_m = a + b_1 \times XHeat_m + b_2 \times XCool_m + b_3 \times XOther_m + \varepsilon_m$$

XHeat is calculated as a product of a variable that captures changes in heating end-use saturation and efficiency (HeatIndex), economic and other factors that impact stock utilization (HDD, household size, household income, and price). *XHeat* is calculated as:

$$XHeat_{y,m} = HeatIndex_y \times HeatUse_{y,m}$$

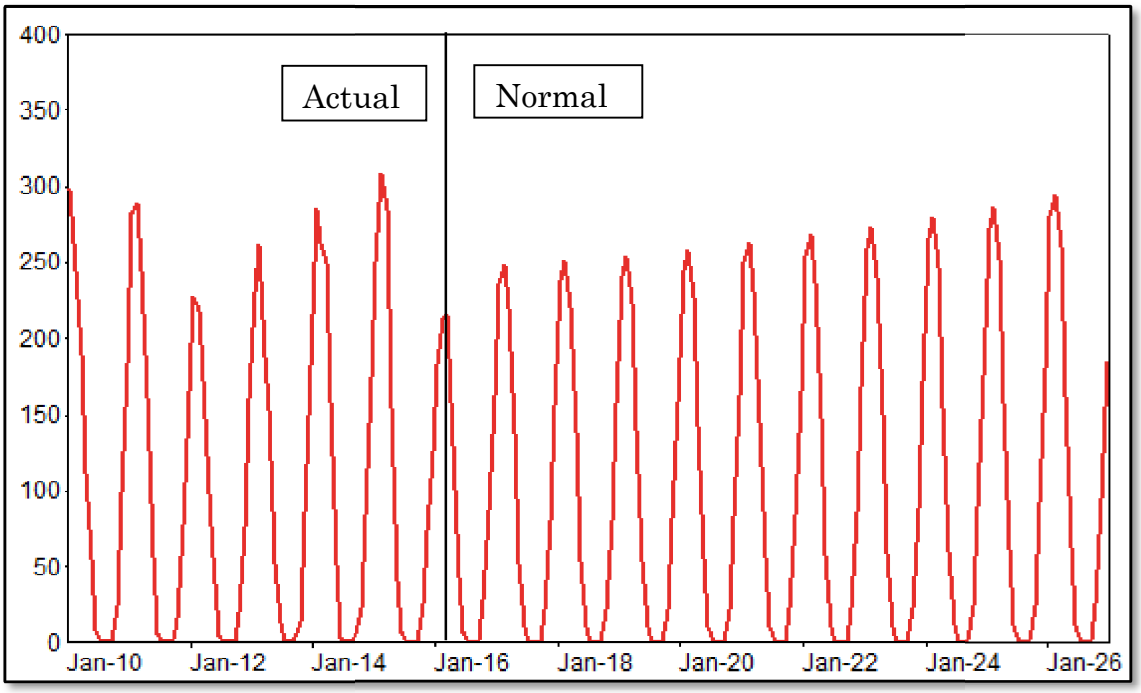
Where:

$$HeatUse_{y,m} = \left(\frac{HDD_{y,m}}{HDD_{09}}\right) \times \left(\frac{HHSize_y}{HHSize_{09}}\right)^{0.20} \times \left(\frac{Income_y}{Income_{09}}\right)^{0.20} \times \left(\frac{\Pr ice_{y,m}}{\Pr ice_{09}}\right)^{-0.10}$$

The heat index is a variable that captures heating end-use efficiency and saturation trends, thermal shell improvement trends, and housing square footage trends. The index is constructed from the EIA's annual end-use residential forecast for the New England census division. The economic and price drivers are incorporated into the HeatUse variable. By construction, the $HeatUse_{y,m}$ variable sums close to 1.0 in the base year (2009). This index value changes through time and across months in response to changes in weather conditions, prices, household size, and household income.

The heat index (*HeatIndex*) and heat use variable (*HeatUse*) are combined to generate the monthly heating variable XHeat. Figure 5 shows the calculated XHeat variable.

Figure 5: XHeat Variable



The strong increase in the XHeat is largely driven by expected saturation growth in heat pumps. The increase in heat-pumps is a result of state-wide effort to promote cold-climate heat pumps where homes are currently heating with fuel oil or propane.

Similar variables are constructed for cooling (*XCool*) and other end-uses (*XOther*). Figure 6 and Figure 7 show XCool and XOther.

Figure 6: XCool Variable

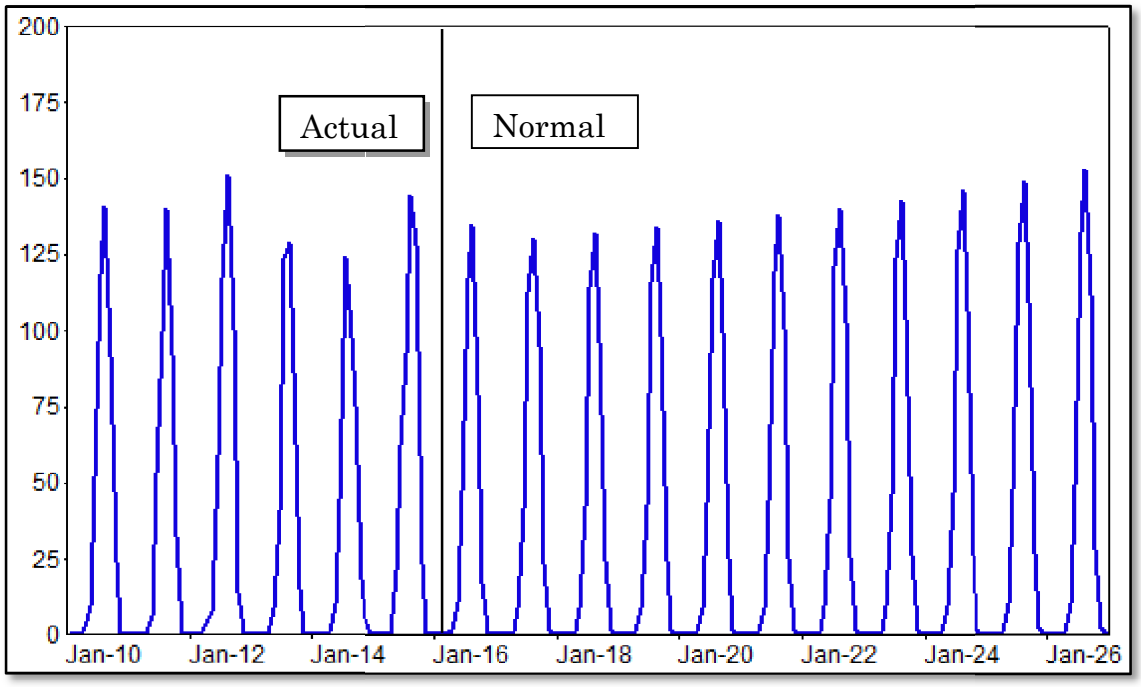
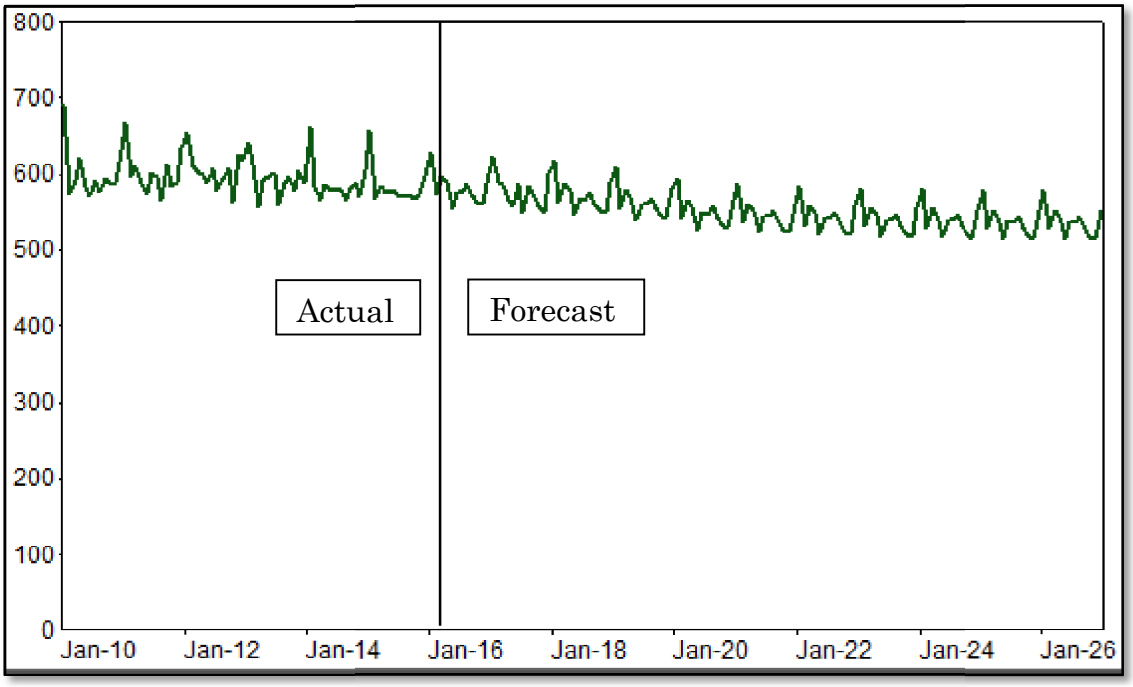


Figure 7: XOther Variable

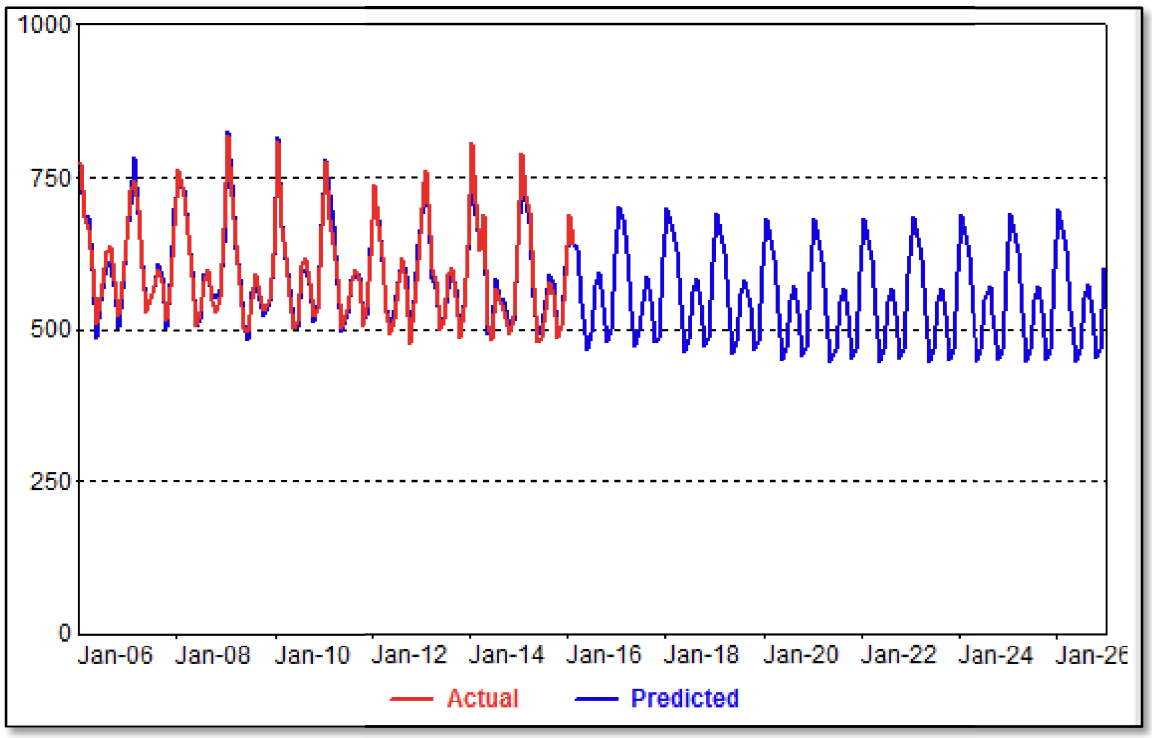


While cooling intensity is relatively small, cooling per household increases over the forecast period largely as a result of increasing in heat-pump saturation.

XOther (non-weather sensitive use) declines over the forecast period. The monthly variation in XOther reflects variation in the number of monthly billing days, lighting requirements, and monthly variation in water heater use. While both heating and cooling intensities are increasing, end-use intensities across all the other end-uses are declining at a faster rate. As a result XOther declines faster than increase in XHeat and XCool driving total average use downwards.

The end-use variables are used to estimate the residential average use model. Figure 8 shows actual and predicted residential average use.

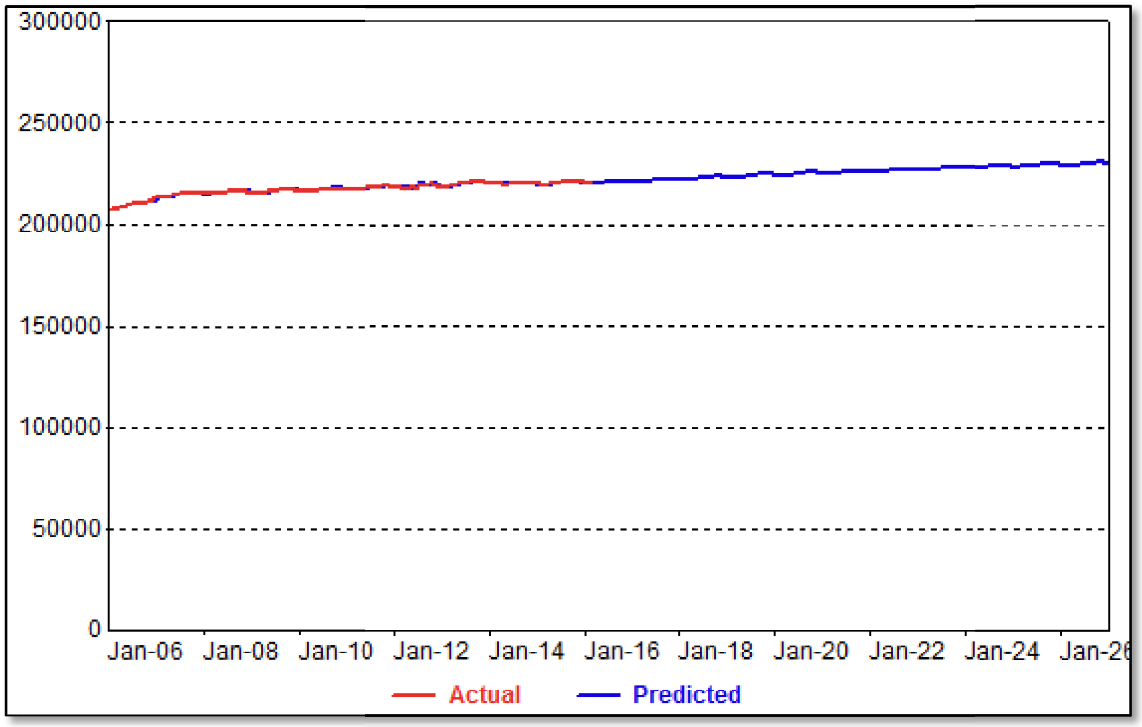
Figure 8: Residential Average Use (kWh)



The model explains historical monthly sales variation well with an Adjusted R-Squared of 0.97 and a MAPE of 1.9%.

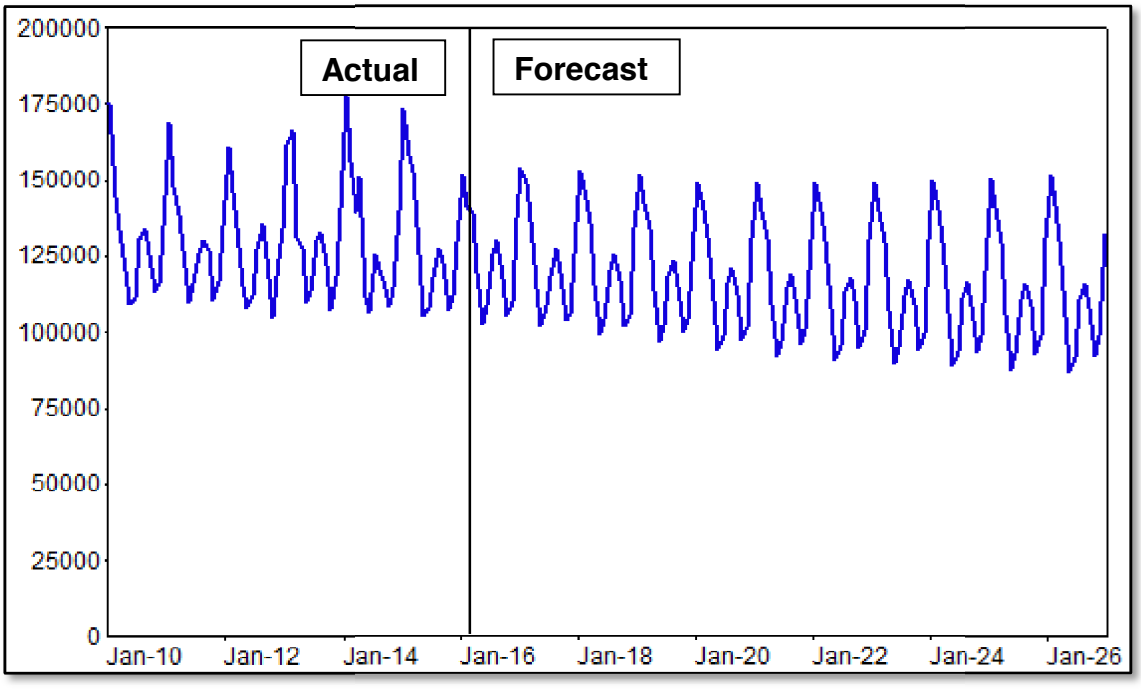
Residential customer projections are based on state household projections. The models explain historical customer growth well with an Adjusted R-Squared of 0.98 and MAPE of 0.1%. Figure 9 shows actual and predicted customers for GMP.

Figure 9: Residential Customer Forecast



Customer and average use forecasts are combined to generate monthly billed sales forecast. Figure 10 shows the monthly residential forecast for the combined GMP.

Figure 10: Residential Sales Forecast (MWh)



Commercial

The commercial model is also based on SAE specification. Monthly commercial class sales and customers are derived adding the former North GS (general service) and TOU revenue class and the former GMP South commercial sales.

The SAE commercial model captures the impact of changing end-use intensity as well as economic conditions, price, and weather in the constructed model variables. As in the residential model, end-use variables XHeat, XCool, and XOther are constructed from end-use saturation and efficiency trends, regional output, price, and weather conditions. The commercial SAE model is defined as:

$$ComSales_m = a + b_1 \times XHeat_m + b_2 \times XCool_m + b_3 \times XOther_m + \varepsilon_m$$

The SAE model variables are constructed similarly to that of the residential model, the primary differences is that the end-use intensities are measured on a kWh per square foot basis (vs. kWh per household in the residential model), and output and employment are used to capture economic activity (vs. household income and population in the residential model).

The GMP commercial class is forecasted using a total sales model where XCool is defined as:

$$XCool_{y,m} = CoolEI_y \times CoolUse_{y,m}$$

Where:

$$CoolUse_{y,m} = \left(\frac{CDD_{y,m}}{CDD_{04}}\right) \times \left(\frac{ComVar_y}{ComVar_{04}}\right) \times \left(\frac{\text{Pr}ice_{y,m}}{\text{Pr}ice_{04}}\right)^{-0.10}$$

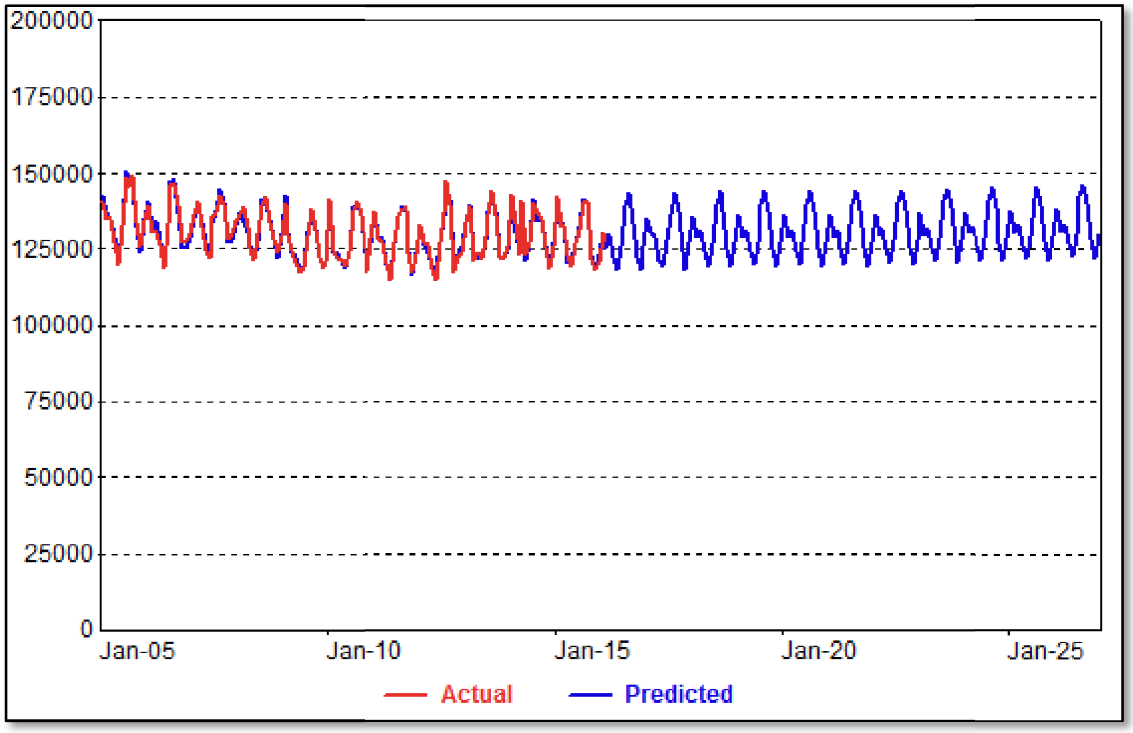
.
And

$$ComVar_{y,m} = \left(\frac{Emp_{y,m}}{Emp_{04}}\right)^{0.50} \times \left(\frac{GDP_{y,m}}{GDP_{04}}\right)^{0.50}$$

In the constructed economic variable output and employment are weighted equally reflecting the relationship between economy and sales in the last five years.

A monthly variable is constructed for heating (XHeat) and other use (XOther) similar to that of XCool. The model variables are used to drive total sales through an estimated monthly regression model. Figure 11 shows the commercial sales model results.

Figure 11: Commercial Sales Forecast (MWh)



This model fits commercial data well with an Adjusted R-Squared of 0.96 and model MAPE of 1.0%. Model statistics can be found in the Appendix A.

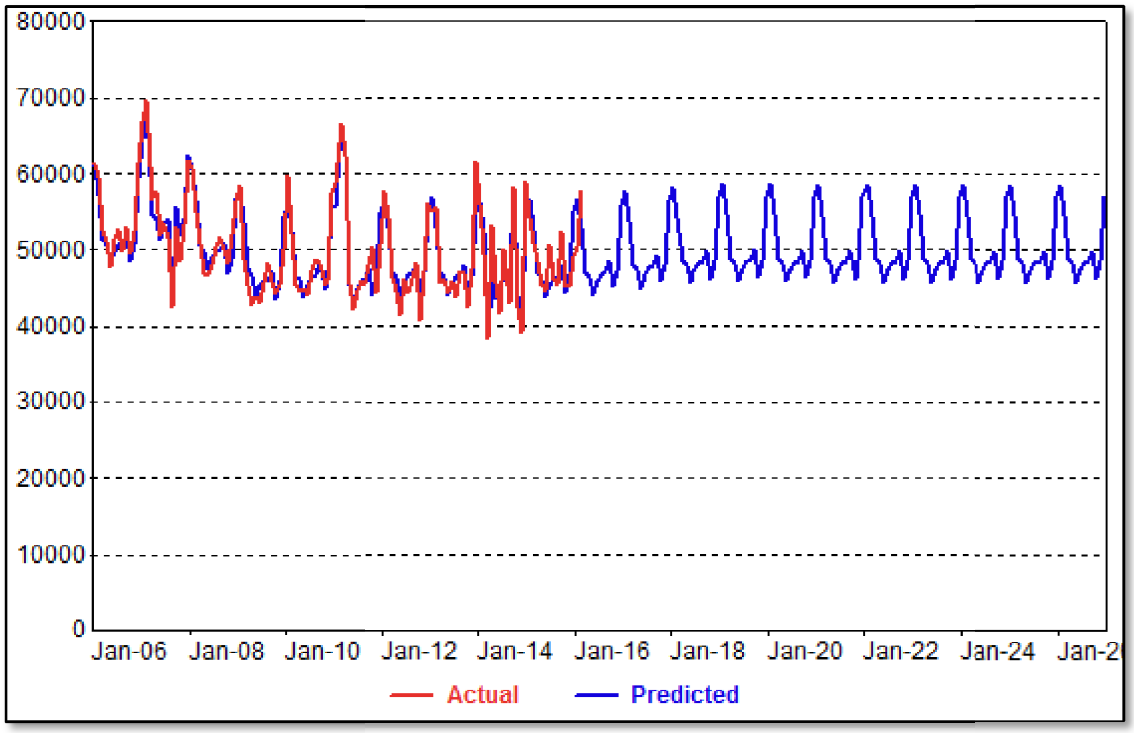
Industrial

Industrial sales are estimated using a generalized (vs. SAE model) model specification that is driven by economic projections. The economic variable includes both manufacturing employment projections and state GDP where half of the weight is on manufacturing employment (0.5). The constructed economic variable is summarized below:

$$IndVar_{y,m} = \left(\frac{ManEmp_{y,m}}{ManEmp_{04}} \right)^{0.50} \times \left(\frac{GDP_{y,m}}{GDP_{04}} \right)^{0.50}$$

Seasonal load variation is captured through a set of monthly binary variables. The industrial model excludes IBM and OMYA sales as GMP provides an independent forecast for these customers. Figure 12 shows actual and predicted industrial sales.

Figure 12: Industrial Sales Forecast (kWh)

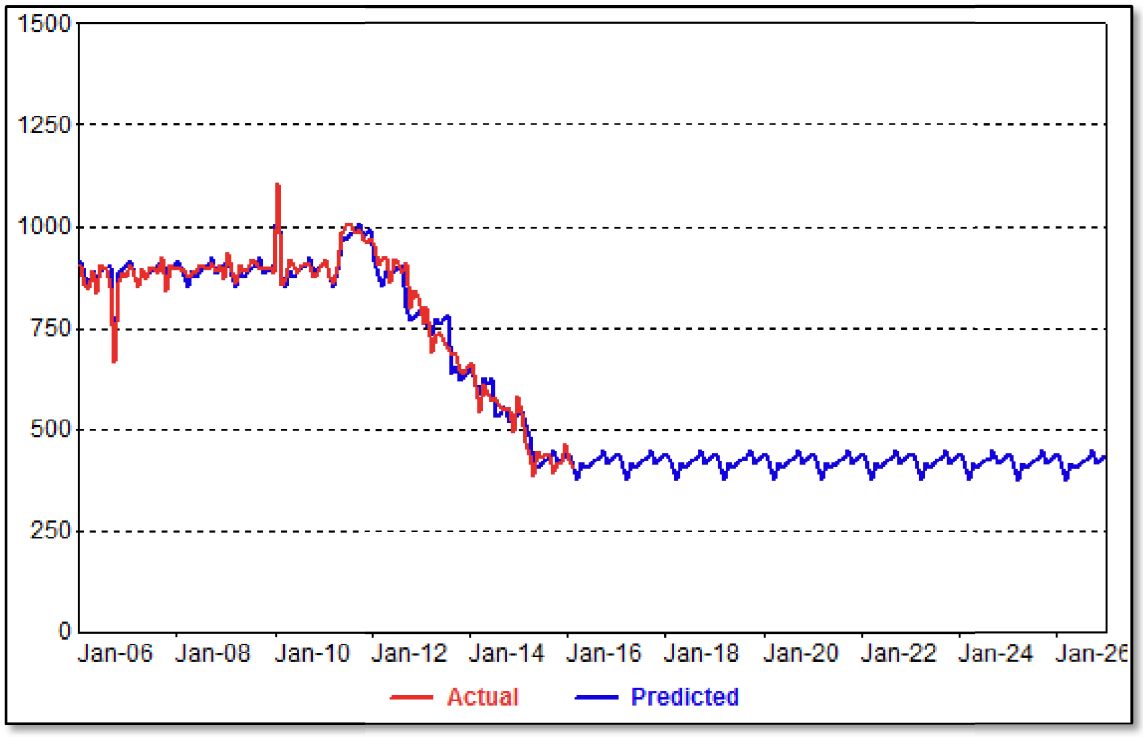


This model Adjusted R-Squared is 0.81 and the MAPE is 3.6%. The lower, relative to other models, Adjusted R-Square is due to the large variation in monthly billed sales data. There is significant month-to-month variation driven by customer-specific activity and billing adjustments that cannot be totally accounted for by economic drivers and weather conditions.

Other Use

Other Use sales are estimated using a simple regression model constructed to capture seasonal effects and shifts in the data. This class is dominated by street lighting, but also includes a small amount of other public authority sales. GMP has seen a significant drop in street lighting sales as existing lamps were replaced with high efficiency lamps. We assume some additional savings in the near-term and project flat sales after the savings adjustments. Figure 13 shows actual and forecasted sales for this revenue class

Figure 13: Other Sales Forecast (MWh)



4. Solar Load Forecast

The 2017 Budget Forecast includes the impact of expected rooftop net metering and community/group solar generation. GMP is experiencing strong solar market penetration and expects this trend to continue through the forecast period. Strong solar load growth is driven by two major law changes; the extension of the Federal Investment Tax Credit (ITC) and Vermont's Net Metering Cap. The Federal ITC, which provides a 30% tax credit on solar systems, has been extended at its current rate until 2020, at which point it begins to decline. The Vermont Net Metering Cap, which was set to 15% of a utility's total load, has been removed. The other factor contributing to strong solar demand growth is the sharp rise in "group-based" solar generation systems. These are effectively stand-along solar generation systems up to 500 kW that have been incentivized by effectively providing them the same incentives as a retail roof-top installation.

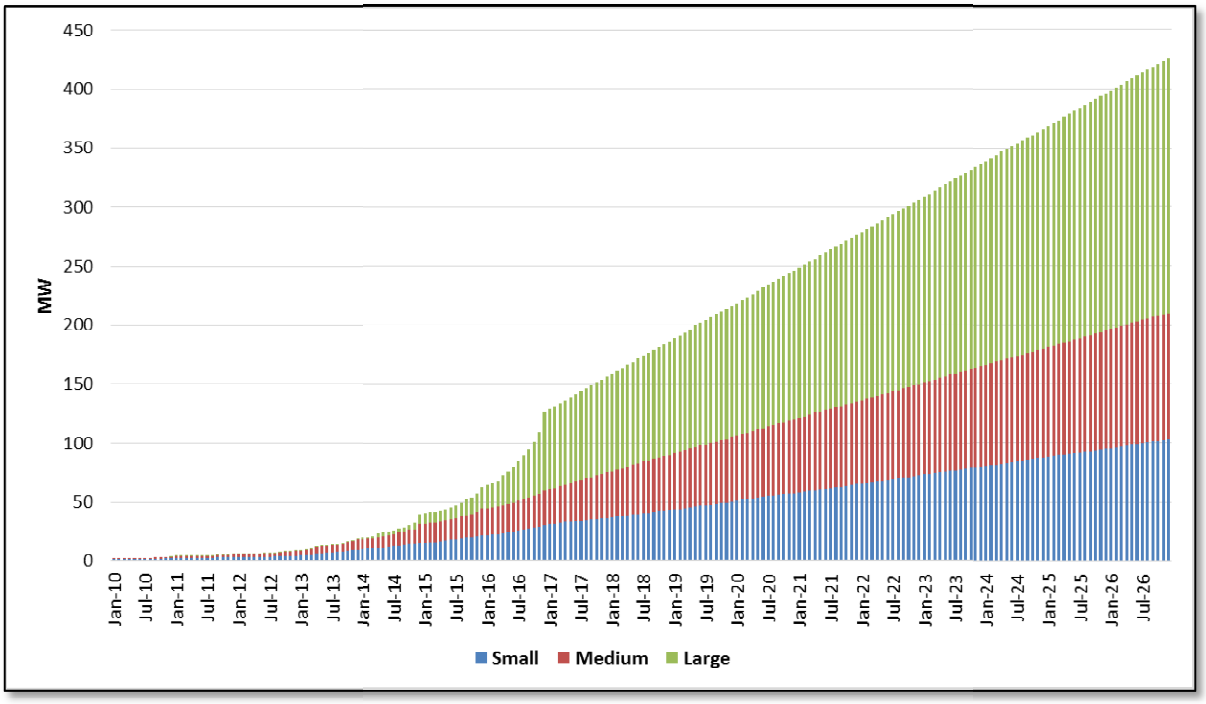
Solar Capacity (MW) Forecast

System solar capacity forecast is based on current PV applications through 2016 and an additional 30 MW of capacity in 2017. While rooftop adoption is still relatively strong, we expect most of the future capacity growth to come from "group-based" stand alone solar systems. The capacity forecast is broken into three classifications:

- **Small Systems:** <15kW in size
- **Medium Systems:** 15-150kW in size
- **Large Systems:** >150kW in size

Figure 14 shows the monthly capacity forecast by system size.

Figure 14: Monthly Solar Capacity Forecast



The forecast is adjusted for additional solar load generation beginning April 2016 – the first forecast month.

The capacity forecast is translated into a total monthly generation forecast, which is then allocated to the residential, commercial, and industrial classes. Total monthly generation is derived by applying monthly solar load factors to the capacity forecast. Table 8 shows the solar generation load factors.

Table 8: Solar Load Factors

Month	MonthlyLdFct
Jan	0.08
Feb	0.11
Mar	0.14
Apr	0.19
May	0.20
Jun	0.21
Jul	0.20
Aug	0.20
Sep	0.16
Oct	0.12
Nov	0.08
Dec	0.06

The monthly load factors are derived from engineering-based solar hourly load profile for 1 MW solar system load. The load shape is a weighted profile, which assumes 33% of systems are roof-mounted, 57% are fixed-tilt, and 10% 2 are axis trackers. The system hourly load profile was developed by GMP.

The solar generation forecast (MWh) is derived by applying the load factors to solar capacity projections. The following equation shows an example of how 1 MW of capacity is translated into June generation.

$$1MW_{june} \times 0.21LdFct_{june} \times 720hrs_{june} = 151\ MWh_{june}$$

Allocation of Solar Generation to Rate Classes

For revenue purposes, the monthly generation forecast is disaggregated to residential, commercial, and industrial revenue classes based on historical system adoption data. We assume the following:

- **Small Systems (less than 15 kW):** 100% of generation is residential.
- **Medium Systems (15 kW to 150 kW):** Generation is split between commercial and industrial, 73% and 27% respectively.
- **Large Systems (greater than 150 kW):** The majority of the new systems in this bin will be group net-metering systems, which will sign up residential, commercial, and industrial customers. Based on the community group solar billing data, the average split is 23% residential, 72% commercial, and 5% industrial.

Allocation to Own Use vs. Excess Use

Solar generation is either consumed by the solar customer (*own use*) or returned to the connected power-grid (*excess*); own-use reduces billed revenues, while excess is treated as power purchase cost. Historical solar billing data is used to determine the month share that is own-use and excess. The split between own use and excess varies by revenue class and month; own-use share is typically smaller in the summer months with a larger percentage of the generation sent to the grid. Table 9 shows the forecasted generation by own-use and excess use.

Table 9: Solar Generation (FY Basis)

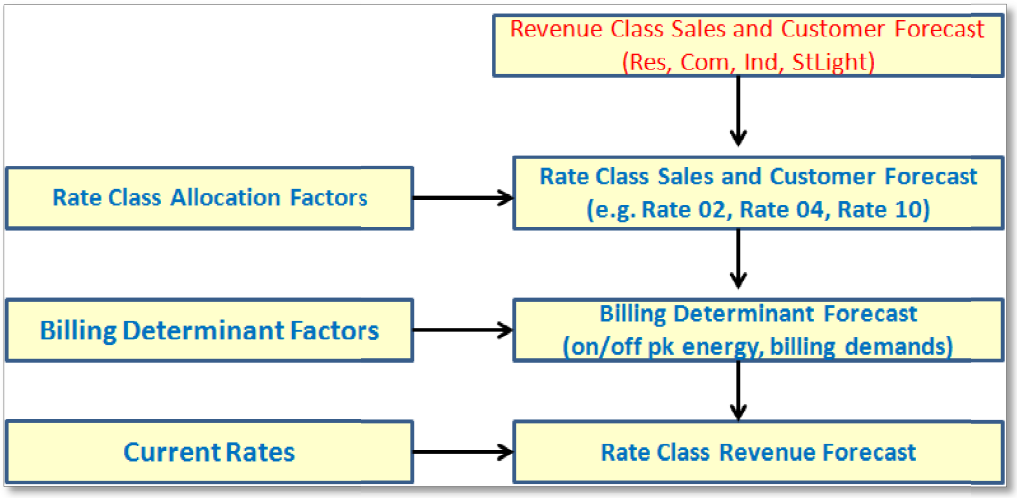
Year	Total Generation	Res Gen MWh	Res Own MWh	Com Gen MWh	Com Own MWh	Ind Gen MWh	Ind Own MWh
2016	12,185	4,315	2,950	7,098	1,142	772	280
2017	85,237	26,671	19,379	52,238	11,113	6,329	2,837
2018	126,102	39,366	28,928	76,158	20,314	10,577	5,641
2019	164,176	52,063	38,464	97,663	28,521	14,450	8,224
2020	202,648	66,022	49,047	118,575	36,094	18,052	10,552
2021	240,324	79,754	59,416	138,996	43,422	21,574	12,829
2022	278,398	93,614	69,904	159,651	50,862	25,132	15,128
2023	316,472	107,475	80,393	180,306	58,301	28,690	17,426
2024	355,256	121,579	91,107	201,365	65,941	32,313	19,766
2025	392,620	135,197	101,370	221,617	73,181	35,806	22,023
2026	430,694	149,058	111,859	242,272	80,621	39,364	24,322

The sales forecast is adjusted for solar load impacts by subtracting cumulative own use generation from the appropriate class sales forecasts. By 2026, solar generation reduces residential sales by 111,859 MWh, which represents reduction of 876 kWh per customer. Commercial sales are reduced by 80,621 MWh, and industrial sales by 24,322 MWh.

5. Revenue Forecast

The revenue forecast is derived at the rate schedule level. Class sales forecasts are allocated to rate schedules and within rate schedules to billing determinants (i.e., customer, on and off-peak use, and billing demands). Revenues are then generated by multiplying rate schedule billing determinants by the current tariff rates. Figure 15 provides an overview of the revenue model.

Figure 15: Revenue Model

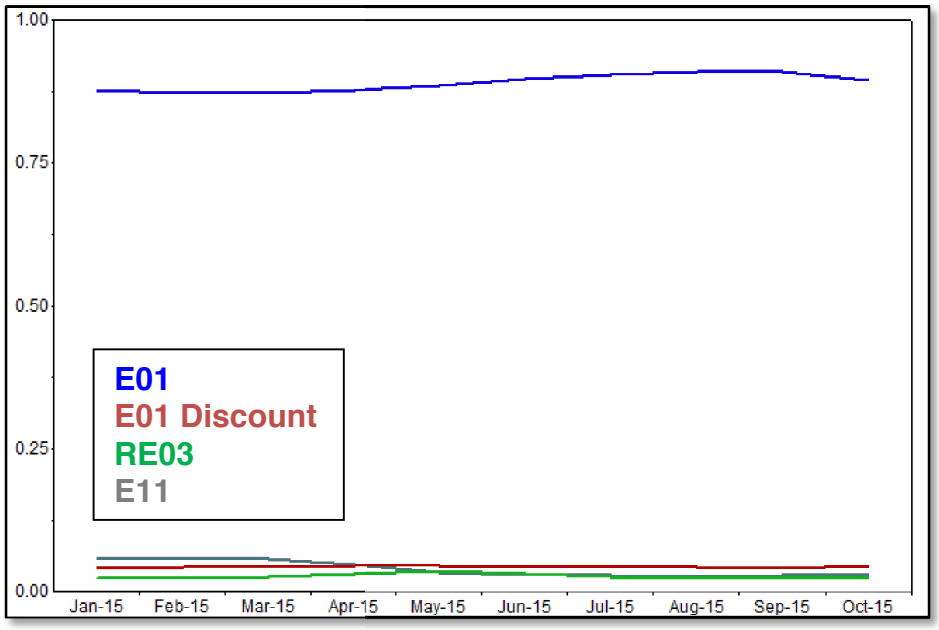


The process is described below.

Step 1: Derive Rate Class Monthly Sales Forecast

Revenue class sales and customer forecasts are first allocated to the underlying rate schedules based on projected monthly allocation factors. The allocation factors are derived from historical billing data and simple regression models that allow us to capture any seasonal variation in the rate class shares. Residential class sales, for example, are allocated to rate schedules - E01, RE03, and E11 rate classes. Figure 16 shows historical and forecasted residential rate class sales shares.

Figure 16: Residential Rate Class Share Forecast (%)



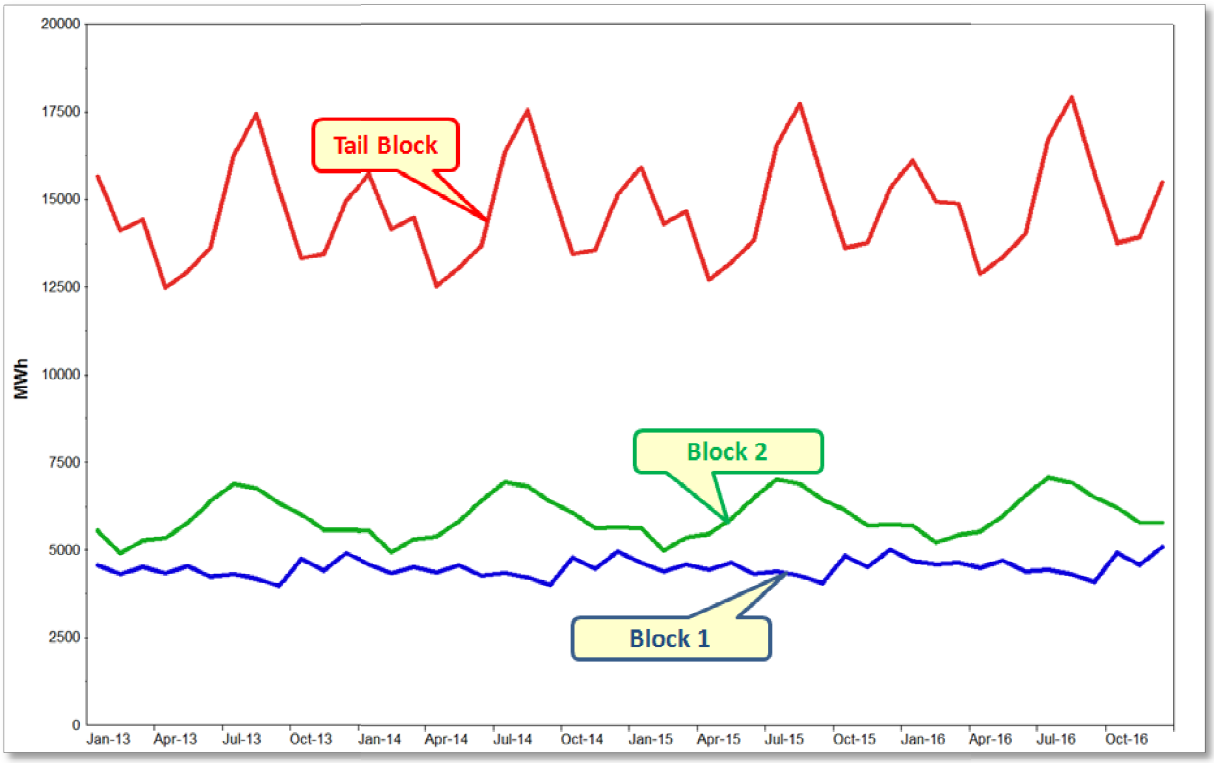
Approximately 97% of residential sales are billed under rate E01. The percentage is slightly lower in the winter months as the electric heat rate (E11) is higher in these months.

Step 2: Estimate monthly billing determinants

In the next step, rate class sales (and customers counts for some rates) are allocated to billing blocks, time-of-use billing periods, and on and off-peak billing demand blocks. Billing block and demand factors are derived from historical billing data. For example, residential rate E11 has on-peak and off-peak energy billing periods that are priced differently. Rate E11 monthly sales are allocated to TOU periods based on historical on-peak and off-peak sales data.

Some of the rates are complex. The commercial rate RE02, for example, includes non-demand and demand billed sales and customers, load factor kWh blocks (for demand customers), and different demand charges for demand below 5 kW and demand above 5 kW. Figure 17 shows the resulting sales block forecasts for rate RE02 Demand Customers.

Figure 17: Rate RE02 Demand Customer - Sales Billing Block Forecast



Step 3: Calculate Rate Schedule and Revenue Class Revenues

Once the billing determinants are derived, revenues are generated by multiplying the forecasted billing determinants by the current customer, energy, and demand charges. Revenues are aggregated by rate schedule and month. Rate schedule revenues are then aggregated to revenue classes: residential, commercial, industrial and street lighting.

Step 4: Model Rate Restructuring

Starting in April 2016, GMP will gradually merge most of the legacy GMP South rates into modified GMP North rates or completely new rates for the entire company. The rate restructuring occurs over the next five-years with the final rate tariffs effective April, 2020. Major restructuring include:

- Legacy South RE02 non-demand rate customers migrate to modified rate E06.
- Legacy South RE02 demand rate customers migrate to modified rates E06, E63, and new rate E08 based on the individual customer load characteristics.
- Legacy North E06 rate is split between rates E06 and E08.
- Legacy South RE10 customers will migrate to rates E06 and E63.

- Legacy South RE04, RE05, RE16 customers will join existing E63 customers in the modified company-wide rate E63.

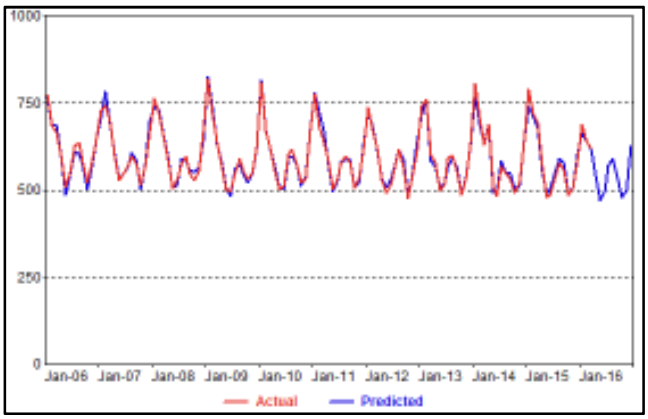
New rates E06, E08 and E63 which are scheduled to begin in April 2016 combine parts of pre-existing rates, but have no historical billed data of their own. The new rates are estimated by allocating sales to the new rate schedules based on allocation factors provided by GMP. Revenue is then calculated by applying billing determinant factors to rate class sales.

Step 5: Validate and Calibrate Revenue Calculation

To validate the revenue calculations, calculated revenues are compared to actual revenues on a per kWh basis. Because of the rate restructuring, the non-residential rate classes are validated against expected average rates based on GMP's rate design work.

APPENDIX A: MODEL STATISTICS AND COEFFICIENTS

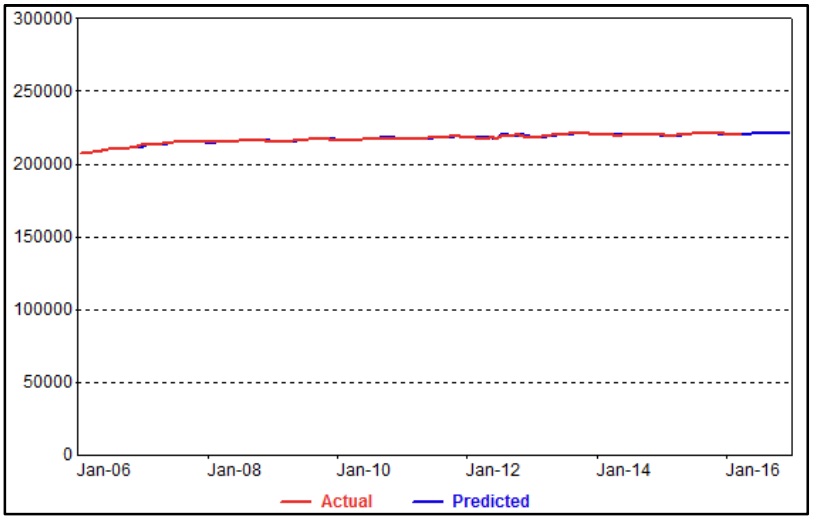
Figure 18: Residential Average Use Model



Variable	Coefficient	StdErr	T-Stat	P-Value
mStructRev.XHeat	0.779	0.035	22.232	0.00%
mStructRev.XCool	0.807	0.071	11.388	0.00%
mStructRev.XOther	0.844	0.013	65.78	0.00%
mBin.Mar	-28.622	5.44	-5.261	0.00%
mBin.Apr	-45.225	6.138	-7.368	0.00%
mBin.May	-35.739	7.126	-5.015	0.00%
mBin.Jun	-26.983	6.614	-4.079	0.01%
mBin.Oct	-18.974	7.287	-2.604	1.05%
mBin.Nov	-32.832	6.876	-4.775	0.00%
mBin.Feb13	44.414	15.934	2.787	0.63%
mBin.Apr14	122.055	16.542	7.379	0.00%
mSales.Savings_PerCust	-0.103	0.044	-2.345	2.08%

Model Statistics	
Iterations	1
Adjusted Observations	123
Deg. of Freedom for Error	111
R-Squared	0.968
Adjusted R-Squared	0.965
Model Sum of Squares	821,238.06
Sum of Squared Errors	26,916.69
Mean Squared Error	242.49
Std. Error of Regression	15.57
Mean Abs. Dev. (MAD)	11.51
Mean Abs. % Err. (MAPE)	1.91%
Durbin-Watson Statistic	1.849

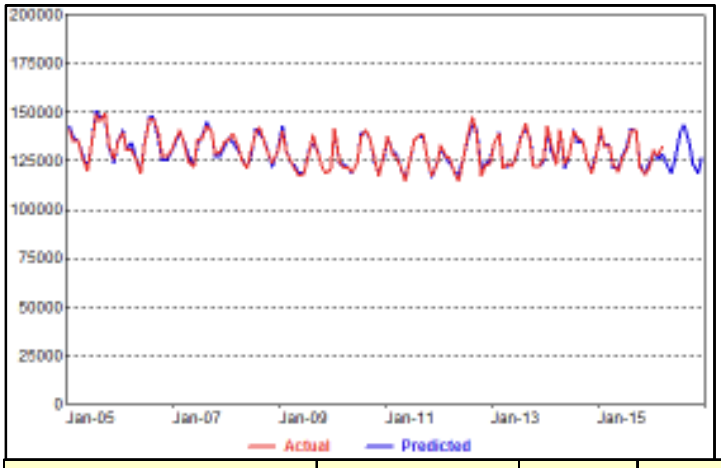
Figure 19: Residential Customer Model



Variable	Coefficient	StdErr	T-Stat	P-Value
mBin.TrendVar	142.785	109.067	1.309	19.32%
Economics.HHs	848.209	2.067	410.316	0.00%
mBin.Dec	-333.773	135.502	-2.463	1.53%
mBin.Jan	-624.373	173.745	-3.594	0.05%
mBin.Feb	-614.179	187.743	-3.271	0.14%
mBin.Mar	-659.426	188.583	-3.497	0.07%
mBin.Apr	-773.549	174.963	-4.421	0.00%
mBin.May	-362.49	139.253	-2.603	1.05%
mBin.Jun12	-2045.111	390.419	-5.238	0.00%
mBin.Jul12	1020.104	382.197	2.669	0.87%
AR(1)	0.864	0.037	23.118	0.00%

Model Statistics	
Iterations	11
Adjusted Observations	122
Deg. of Freedom for Error	111
R-Squared	0.982
Adjusted R-Squared	0.981
Model Sum of Squares	1,180,086,050.61
Sum of Squared Errors	21,262,659.47
Mean Squared Error	191,555.49
Std. Error of Regression	437.67
Mean Abs. Dev. (MAD)	304.23
Mean Abs. % Err. (MAPE)	0.14%
Durbin-Watson Statistic	2.119

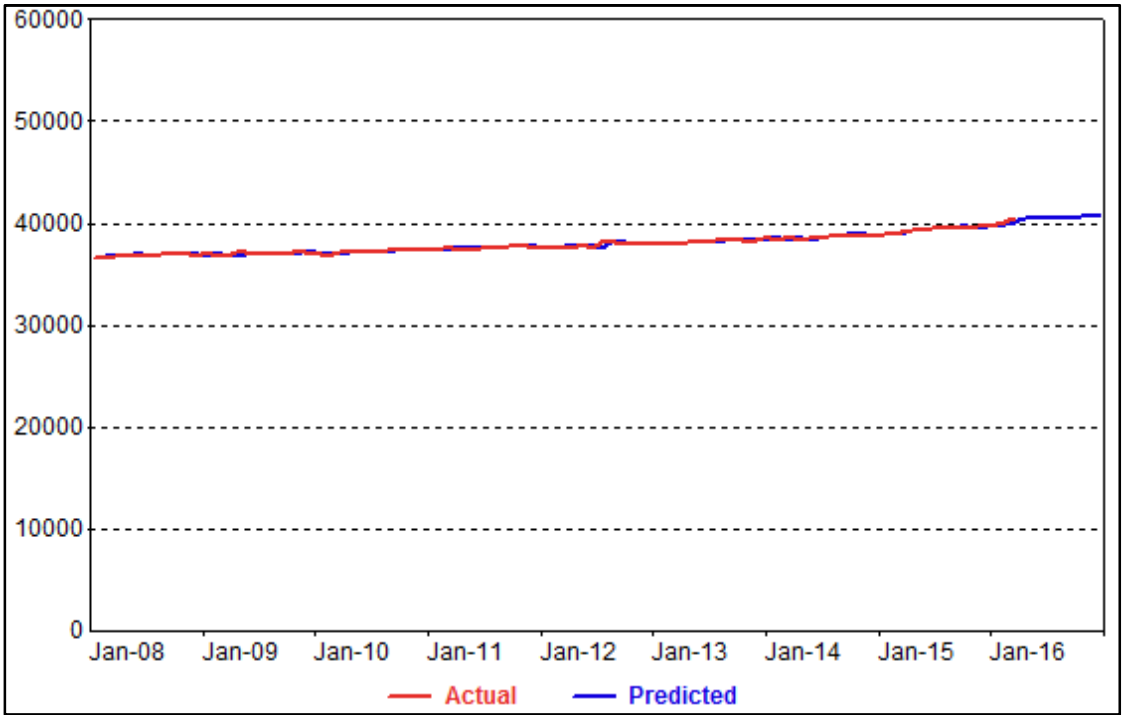
Figure 20: Commercial Sales Model



Variable	Coefficient	StdErr	T-Stat	P-Value
CONST	44276.974	4431.86	9.991	0.00%
mStructRev.XHeat	89746.421	4062.625	22.091	0.00%
mStructRev.XCool	109446.503	3232.221	33.861	0.00%
mStructRev.XOther	7118.666	427.169	16.665	0.00%
mBin.Jan	1381.227	639.616	2.159	3.28%
mBin.Apr	-1710.553	559.39	-3.058	0.28%
mBin.Sep	2120.772	615.797	3.444	0.08%
mBin.Oct	3473.798	594.241	5.846	0.00%
mBin.Dec08	5544.101	1704.179	3.253	0.15%
mBin.Feb13	7224.516	1733.733	4.167	0.01%
mBin.Mar14	-5936.782	1825.242	-3.253	0.15%
mBin.Apr14	16231.031	1862.888	8.713	0.00%
mBin.Sep12Plus	3311.256	526.787	6.286	0.00%
mBin.Apr15Plus	-2748.748	768.102	-3.579	0.05%
MA(1)	0.3	0.095	3.146	0.21%

Model Statistics	
Iterations	17
Adjusted Observations	135
Deg. of Freedom for Error	120
R-Squared	0.96
Adjusted R-Squared	0.955
F-Statistic	206.344
Prob (F-Statistic)	0
Model Sum of Squares	8,866,934,671.23
Sum of Squared Errors	368,327,243.87
Mean Squared Error	3,069,393.70
Std. Error of Regression	1,751.97
Mean Abs. Dev. (MAD)	1,334.77
Mean Abs. % Err. (MAPE)	1.02%
Durbin-Watson Statistic	1.926

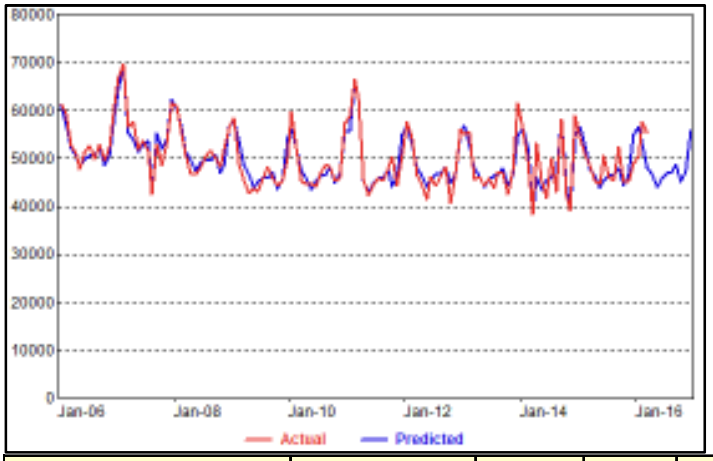
Figure 21: Commercial Customer Model



Variable	Coefficient	StdErr	T-Stat	P-Value
CONST	-935.286	7301.05	-0.13	89.83%
Economics.Emp	128.335	23.709	5.413	0.00%
AR(1)	0.917	0.032	28.99	0.00%

Model Statistics	
Iterations	9
Adjusted Observations	98
Deg. of Freedom for Error	95
R-Squared	0.97
Adjusted R-Squared	0.97
F-Statistic	1554.547
Prob (F-Statistic)	0
Model Sum of Squares	79,463,602.41
Sum of Squared Errors	2,428,051.59
Mean Squared Error	25,558.44
Std. Error of Regression	159.87
Mean Abs. Dev. (MAD)	110.94
Mean Abs. % Err. (MAPE)	0.29%
Durbin-Watson Statistic	2.527

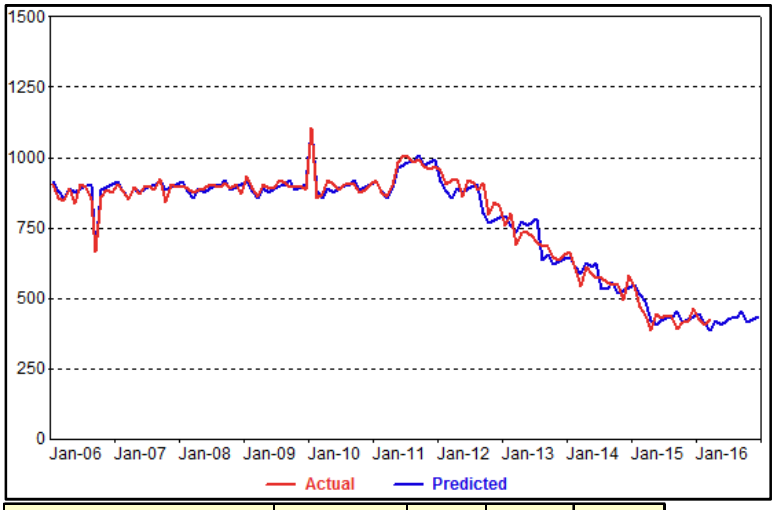
Figure 22: Industrial Sales Model



Variable	Coefficient	StdErr	T-Stat	P-Value
mEcon.IndVar	54061.724	931.449	58.04	0.00%
mBin.Yr07	3559.476	950.263	3.746	0.03%
mBin.Jan11Plus	-1575.25	526.497	-2.992	0.35%
mBin.Jan	3887.205	1213.632	3.203	0.18%
mBin.Mar	-4968.17	1275.379	-3.895	0.02%
mBin.Apr	-6448.521	1240.173	-5.2	0.00%
mBin.May	-8904.813	1239.897	-7.182	0.00%
mBin.Jun	-7274.56	1239.622	-5.868	0.00%
mBin.Jul	-6382.124	1239.33	-5.15	0.00%
mBin.Aug	-6170.483	1268.134	-4.866	0.00%
mBin.Sep	-4758.943	1272.052	-3.741	0.03%
mBin.Oct	-8346.32	1238.404	-6.74	0.00%
mBin.Nov	-6188.528	1271.4	-4.867	0.00%
mBin.Dec	2185.921	1237.945	1.766	8.04%
mBin.Feb07	9180.726	2985.33	3.075	0.27%
mBin.Aug07	-11542.29	2986.647	-3.865	0.02%
mBin.Feb11	14591.472	2850.939	5.118	0.00%
mBin.Mar11	15568.428	2861.594	5.44	0.00%
mBin.Mar14	-9265.356	2861.221	-3.238	0.16%
mBin.Sep14	10330.721	2861.058	3.611	0.05%
mBin.Nov14	-7207.794	2861.007	-2.519	1.33%

Model Statistics	
Iterations	1
Adjusted Observations	123
Deg. of Freedom for Error	102
R-Squared	0.838
Adjusted R-Squared	0.806
Model Sum of Squares	3,849,757,931.00
Sum of Squared Errors	744,233,507.62
Mean Squared Error	7,296,406.94
Std. Error of Regression	2,701.19
Mean Abs. Dev. (MAD)	1,792.05
Mean Abs. % Err. (MAPE)	3.58%
Durbin-Watson Statistic	1.76

Figure 23: Other Sales Model



Variable	Coefficient	StdErr	T-Stat	P-Value
CONST	906.237	9.925	91.309	0.00%
mBin.MayDec11	84.977	11.46	7.415	0.00%
mBin.Sep12Plus	-118.761	9.807	-12.11	0.00%
mBin.AftAug13	-146.77	12.889	-11.387	0.00%
mBin.AftJul14	-101.569	13.662	-7.434	0.00%
mBin.Apr15Plus	-102.671	13.365	-7.682	0.00%
mBin.Jan	6.755	13.505	0.5	61.80%
mBin.Feb	-27.736	13.203	-2.101	3.81%
mBin.Mar	-51.739	13.203	-3.919	0.02%
mBin.Apr	-16.423	13.559	-1.211	22.86%
mBin.May	-29.144	13.5	-2.159	3.32%
mBin.Jun	-15.976	13.5	-1.183	23.93%
mBin.Jul	-6.097	13.492	-0.452	65.23%
mBin.Aug	-5.927	13.492	-0.439	66.14%
mBin.Sep	15.794	13.829	1.142	25.60%
mBin.Oct	-19.656	13.457	-1.461	14.71%
mBin.Nov	-9.898	13.457	-0.736	46.37%
mBin.Sep06	-254.813	31.872	-7.995	0.00%
mBin.Jan10	189.999	31.647	6.004	0.00%

Model Statistics	
Iterations	1
Adjusted Observations	123
Deg. of Freedom for Error	104
R-Squared	0.975
Adjusted R-Squared	0.971
F-Statistic	226.344
Prob (F-Statistic)	0
Model Sum of Squares	3,688,847.00
Sum of Squared Errors	94,163.60
Mean Squared Error	905.42
Std. Error of Regression	30.09
Mean Abs. Dev. (MAD)	20.79
Mean Abs. % Err. (MAPE)	2.96%
Durbin-Watson Statistic	1.683

COST OF SERVICE
TEST YEAR ENDED March 31, 2016

GREEN MOUNTAIN POWER CORPORATION
June 1, 2016

Rate Year 2017

COST OF SERVICE - $ in 000s	PER BOOKS BALANCES (1)	ADJUSTMENT COL3-COL1 (2)	PROFORMA BALANCES (3)	
Operating Expenses:				
Purchased Power, Net	$249,023	$5,338	$254,361	
Production	25,845	517	26,362	
Other Power Supply	967	2,226	3,193	
Purchased Power and Production	275,835	8,081	283,916	
Transmission	94,397	(628)	93,769	
Transmission - Other	3,550	2,085	5,635	
Distribution	31,907	12,652	44,559	
Customer Accounting	9,079	1,160	10,239	
Customer Service and Information	2,573	33	2,606	
Sales	13	(13)	0	
Administrative and General	40,669	14,527	55,196	
Non Base O&M Costs - AMI	1,935	(1,193)	742	
Non Base O&M Costs - KCW	930	27	957	
Non Base O&M Costs - VMPD	263	(150)	113	
Non Base O&M Costs - 7496 MOU	0	0	0	
Acct 929	128	(472)	(344)	
Business Development	556	0	556	
Depreciation & Amortization	52,829	(3,248)	49,581	
Taxes - Federal and State	32,887	4,337	37,224	
- Municipal	24,908	3,173	28,081	
- Other, excluding Revenue Taxes	2,924	(49)	2,875	
Accretion Expense	231	17	248	
Capital Costs (Credit Facility Fees)	445	(348)	97	
Total Operating Expenses	576,057	39,992	616,049	
Return on Utility Rate Base	84,113	15,685	99,797	7.29%
Total Cost of Service Before Credits	660,170	55,677	715,846	
Less:				
Equity in Earnings of Affiliates	62,066	19,273	81,339	
Other Operating Revenues	22,526	(763)	21,763	
Business Development	742	(0)	742	
VY Insurance	0	0	0	
Interest Due From ISO-NE	0	0	0	
Resales	0	0	0	
Total Credits	85,334	18,510	103,843	
Cost of Service to Ultimate Consumers	574,836	37,167	612,003	
Gross Revenue & Fuel Gross Receipts Taxes	6,137	130	6,267	
Total Cost of Service to Ultimate Consumers	580,973	37,296	618,270	
Merger savings			(15,000)	597,003
Total Cost of Service to Ultimate Consumers			603,270	
Revenue from Ultimate Consumers			588,072	
Increase in Revenue due to SmartPower Implementation			981	
Revenue Deficiency from Ultimate Consumers			14,217	
Revenue Adjustment Percent			**2.57%**	
Bolded, italicized text indicates functional categories in Base O&M Costs.			excludes psa	
		psa impact >>	0.96%	2.3/1

3.53%

RATE BASE INVESTMENT
TEST YEAR ENDED March 31, 2016
$ in 000s

GREEN MOUNTAIN POWER CORPORATION
June 1, 2016

	13 MONTH AVG BALANCES (1)	ADJUSTMENT COL3-COL1 (2)	PRO FORMA BALANCES (3)	
Production	$502,293	$48,283	$550,576	
Transmission	211,029	7,282	218,311	
Distribution	725,480	54,403	779,883	
General	171,925	24,464	196,389	
Utility Plant in Service	1,610,727	134,432	1,745,159	
Community Energy & Efficiency Development Fu	14,408	2,055	16,463	
Subtotal	1,625,135	136,487	1,761,622	
Construction Work in Progress	43,195	(35,160)	8,035	
Investment in Affiliates				
Generation Vermont Yankee	933	(0)	933	
Generation Maine Yankee	49	0	49	
Generation Connecticut Yankee	33	(0)	33	
Generation Yankee Atomic	52	(0)	52	
Green Lantern	1,041	(0)	1,041	
Transmission NE Hydro Trans	174	(174)	0	
Transmission NE Hydro Trans Electric	458	331	789	
Transmission VELCO - Common	10,556	0	10,556	
JV Solar	1,405	48,170	49,574	
Transmission TRANSCO LLC	419,300	50,666	469,966	
SUBTOTAL	2,102,331	200,319	2,302,650	
Special Deposits	658	0	658	
Unamortized Debt Discount and Expense	5,160	(54)	5,106	
Millstone 3 Energy and Capacity	452	37	488	
17420~Renewable Energy Certificates	3,930	0	3,930	
18225~Gorge Repowerment	454	(227)	227	
18230~Regulatory Asset-Asset Retirement Oblig	340	(46)	294	
18235~Reg Asset - Vmpd Value Sharing Pool	401	(191)	210	
18233~Reg Asset - 2013 Nta Study	95	(95)	0	
18236~Reg Asset - Depreciation Study	65	(29)	35	
18238~Reg Asset - Deerfield Wind Costs	856	(408)	448	
18250~Reg Asset - Retired Meter Cost	6,721	(3,360)	3,360	
18611~Jv Solar Abandoned Sites	46	120	165	
18612~Def Asset-Low Income Disc Payments	400	(150)	250	
18613~Def Asset-Efficiency Fund Payments	4,477	(1,320)	3,157	
18640~Cv Hq Cont Rochester	1	(1)	0	
18647~Rate Design	309	60	369	
18652~Vtel Smartgrid Payt	1,550	843	2,393	
Net Plant Removal	0	6,462	6,462	
Tax FAS 109	5,329	443	5,772	
Subtotal	31,242	2,083	33,325	2.3/2

Working Capital Allowance:				
Material and Supplies Inventory includ	20,499	0	20,499	
Millstone III Nuclear Fuel Inventory (	1,919	694	2,613	
Construction Blanket Work Orders				
Prepayments	7,844	0	7,844	
Less: 1/8 Bond Interest Expense (inclu	(3,742)	0	0	
Lead -Lag Working Capital Allowance	15,601	48	15,813	
Subtotal Working Capital	42,121	742	46,769	
DEDUCT:				
ACCUMULATED DEPRECIATION/AMORT.	586,405	53,458	639,863	
Customer Advances for Construction	5,923	(5,632)	291	
DEFERRED CREDITS				
Accumulated Deferred Income Taxes	287,976	61,664	345,800	
Accumulated Deferred Investment Tax Credit	1,653	(249)	1,404	
25352~Unclaimed Prprty-Cust Refunds	48	0	48	
25353~Unclaimed Prprty-A/P Checks	0	0	0	
25392~Insurance Settlements	3,475	0	3,475	
25393~Health Insurance Reserve	1,213	0	1,213	
22820~Accum Prov-Injuries And Damages	0	0	0	
25343~Reg Liab - Vynpc Val Allow	283	(283)	0	
25361~Reg Liab-Neil Vy	474	0	474	
25363~Reg Liab-Brattleboro Environ Reserve	0	0	0	
25379~ESTIMATED EXCESS CUSTOMER SYNERGY	50	700	750	
25380~Reg Liab Cow Power Marketing	1	0	1	
25381~Def Rev-So2 Emission Allowances	7	0	7	
25390~Reg Liab Smartpower Overcoll-In Current	0.0	0	0	
25358~Reg Liab-Earnings Sharing	2	(2)	0	
24216~Misc Curresidual-Fin 45 Leas	18	(18)	0	
24230~Vmpd Phase-In Current	359	(186)	173	
23000~Asset Retirement Liability	5,289	0	5,289	
23480~Nothern Water Res- Accounts Payable	5,305	0	5,305	
24206~Misc Cur Workers Comp Major	1,863	0	1,863	
25378~Ciac Reg Liability	4,100	(1,450)	2,650	
25402~Reg Liab Production Tax Credit	95	523	618	
2XXXX~REG LIAB JV SOLAR SMOOTHING	0	8,430	8,430	
253XX~PLANT REMOVAL	0	4,712	4,712	
SERP	3,839	(96)	3,743	
Accrued Pension Expense	(13,627)	347	(13,280)	
Acc. Post-Ret. Medical Expense FAS 106	678	(735)	(57)	
Acc. Other Post-Employment Ben. Exp. FAS 1	1,129	(121)	1,008	
SUBTOTAL	896,559	121,061	1,013,780	
TOTAL RATEBASE INVESTMENT	1,279,136	82,083	1,368,964	
	1,224,082			2.3/2

Schedule 3

GREEN MOUNTAIN POWER CORPORATION
Rate Year October 2016 - September 2017
June 1, 2016
COST OF CAPITAL
TEST YEAR ENDED March 31, 2016
Effective Tax Rate = 0.40525

$ in 000s	Invested Capital Per Books	Proforma Adjustments	Invested Capital Proforma	Proportion of Total Percentage	Cost Rate Percentage	Cost of Component Percentage	Cost of Pre Tax % Percentage
Long-Term Debt Bonds	605,848	47,603	653,451	44.48%	5.38%	2.39%	2.39%
Short-Term Debt Bank Loans	56,080	13,673	69,752	4.75%	2.27%	0.11%	0.11%
Total Debt	661,928	61,275	723,203	49.23%	5.08%	2.50%	2.50%
Common Equity	656,840	88,884	745,724	50.77%	9.44%	4.79%	8.05%
Total Capital	1,318,768	150,159	1,468,927			7.29%	10.55%

Schedule 4

CALCULATION OF INCOME TAX EXPENSE
TEST YEAR ENDED March 31, 2016

GREEN MOUNTAIN POWER CORPORATION
June 1, 2016

$ in 000s	PRO FORMA
Total rate base investment	1,368,964
Return % (Total Cost of capital	7.29%
Return on utility rate base	99,797
Add back:	
Federal income tax	28,484
State income tax	8,739
Return before taxes	137,020
Less interest (Wtd. Cost of Debt X Rate Base)	34,224
Subtotal	102,796
Additions & deductions for income tax purposes:	
Non-taxable portion of equity in earnings of VELCO	(344)
Non-taxable portion (100%) of equity in earnings of Vermont Yankee	(70)
Non-taxable portion (70%) of equity in earnings of MY, CY, YA, NEHT and NEHTE	0
Non-deductible AFUDC-equity	405
Non-depreciable ITC basis reduction	109
Non-deductible meals expense	111
Domestic production activities deduction	0
Total additions & deductions	210
Balance	103,006
Less state income tax (8.5% of Line 27)	8,755
Taxable income	94,251
Federal Income Tax Calculation:	
Federal income tax before credit at 35%	32,988
Investment credit amortization	(14)
Production Tax Credit	(4,451)
CAFC Perm	(60)
FAS 109 ITC Basis Adjustment	12
AFUDC Deferred Tax Adjustment	10
Federal income tax	28,484
Excess Deferred Tax & Con Adj	0
Total Federal Income Taxes	28,484
State Income Tax Calculation:	
Taxable income at 8.5%	8,756
Vermont income tax rate change adjustment	9
Vermont Solar ITC	(32)
ITC Basis Adj	3
AFUDC Deferred Tax Adj	3
Total State Income Taxes	8,739
TOTAL STATE AND FEDERAL INCOME TAX	37,224

Schedule 5

GREEN MOUNTAIN POWER CORPORATION
COST OF SERVICE ANALYSIS
TEST YEAR ENDED March 31, 2016
$ in 000s

GREEN MOUNTAIN POWER CORPORATION
June 1, 2016

Adj. No.	Description	Total	Purchased Power	Power Supply Production	Other Power Supply	Power Adjustor Trans-mission	Other Trans-mission	Distri-bution	Customer Accounting	Customer Service	Sales	Admin. & General	Deprec-iation	Income Taxes	Municipal Taxes	Other Taxes	Other
1	Purchased Power, net	5,338	5,338														
2	Production Fuel	(261)		(261)													
3	Joint Ownership Costs	0		-		-									-		
4	Transmission by Others	(1,075)				(1,075)											
5	ISO New England Charges	447				447											
6	Wholly-Owned Production	778		778													
7	Base O&M Adjustment	32,670			2,226		2,085	12,652	1,160	33	(13)	14,527					
8	Non Base O&M Costs / Benefits - SmartPower	(1,193)															(1,193)
9	Non Base O&M Costs - VMPD Tree Trimming	(150)															(150)
10	Non Base O&M Costs - KCW & Synch Condenser	27															27
11	Vermont Unemployment	4														4	
12	Social Security Taxes	(53)														(53)	
13	Depreciation Expense	6,286											6,286				
14	Federal & State Income Taxes	4,337												4,337			
15	CEED amortization	611											611				
16	Equity in Earnings of Affiliates	(19,273)															(19,273)
17	Property Taxes	3,173													3,173		
18	Business Development - Revenue	0															-
18	Business Development - Expense	0															-
19	Other Operating Revenues	763															763
20	Reg Assets, Deferred Debits & Reg Liabilities	(8,309)											(8,309)				
21	Accretion Expense	17															17
22	Credit Facility Fees	(348)															(348)
23	Acct 929 Generation Company use of Electricity	(472)															(472)
24	Removal of Regulatory Deferrals in Test Year	(1,836)											(1,836)				
25	Gross Revenue & Fuel Gross Receipts Taxes	130															130
26	Return on Utility Rate Base	15,685															15,685
	Total Cost of Service Adjustments	$37,296	$5,338	$517	$2,226	($628)	$2,085	$12,652	$1,160	$33	($13)	$14,527	($3,248)	$4,337	$3,173	($49)	($4,814)

COS Adjustment No. 13
Depreciation Expense
includes changes thru 5-18

	Per Books	Rate Year
Production	14,410,556	14,814,690
Transmission	3,683,170	3,802,338
Distribution	15,029,563	15,797,514
General	4,383,562	4,715,656
Depr. Exp. for Test Year Plant in Service	37,506,851	39,130,198
Net Additions:		
Production		3,581,245
Joint Ownership		0
Transmission		14,326
Distribution		592,321
General		68,269
Depreciation Expense including Plant Additions		43,386,359
Amortization of Limited Term Electric Plant	9,841,065	10,247,360
Subtotal Plant in Service		53,633,719
Total Depreciation	47,347,916	53,633,719
Less: Per Books Depreciation		47,347,916
Total Adjustment		6,285,803
Rounded		6,286,000

GREEN MOUNTAIN POWER CORPORATION
RATE BASE ANALYSIS
TEST YEAR ENDED March 31, 2016
Rate Year October 2016 - September 2017

GREEN MOUNTAIN POWER CORPORATION
June 1, 2016

Adj. No.	Description	13 MONTH AVERAGE BALANCES	Rate Base Adjustment	PRO FORMA BALANCES
1	Production	$502,293	$48,283	$550,576
2	Transmission	211,029	7,282	218,311
3	Distribution	725,480	54,403	779,883
4	General	171,925	24,464	196,389
5	Community Energy & Efficiency Development Fund	14,408	2,055	16,463
6	Investment in Affiliates	434,001	98,992	532,993
7	Special Deposits	658	0	658
8	Unamortized Debt Discount and Expense	5,160	(54)	5,106
9	Construction Work In Progress	43,195	(35,160)	8,035
10	TY 2015-16 Millstone 3 Energy/Capacity	452	(452)	0
11	RY 2017 Millstone 3 Energy/Capacity	0	488	488
12	Working Capital Allowance	34,528	487	35,015
13	Reg Assets, Deferred Debits	18,094	(5,648)	12,446
14	Vtel Contract	1,550	843	2,393
15	Change in Net Plant Removal	0	6,462	6,462
16	Tax FAS 109	5,329	443	5,772
17				
18	Less:			
19	Accumulated Depreciation	586,405	53,458	639,863
20	Customer Advances for Construction CIAC	5,923	(5,632)	291
21	Accumulated Deferred Income Taxes	284,136	61,664	345,800
22	Accumulated Deferred Investment Tax Credits	1,653	(249)	1,404
23	Reg Liabilities	17,277	12,426	29,703
24	Northern Water Res - Accounts Payable	5,305	0	5,305
25	Accrued Pension Expense	(13,627)	347	(13,280)
26	Acc. Post-Ret. Medical Expense FAS 106	678	(735)	(57)
27	Acc. Other Post-Employment Ben. Exp. FAS 112	1,129	(121)	1,008
28	Supplemental Executive Retirement Benefits (SERP	3,839	(96)	3,743

Green Mountain Power Corporation

For the Test Year Ended March 31, 2016

Line No.	Description	Per Books 12 mo 3/31/16
	Operating Expenses:	
1	Purchased Power , net	249,023,147.94
2	Production	25,844,975.89
3	Other Power Supply	966,718.88
4	Purchased Power and Production	
5	Transmission	93,767,734.92
6	Transmission - Other	5,040,404.00
7	Distribution	31,907,403.80
8	Customer Accounting	9,078,880.20
9	Customer Service and Information	2,598,283.69
10	Sales	13,102.33
11	Administration and General	42,909,336.91
12	Non Base O&M Costs - AMI	
13	Non Base O&M Costs - KCW	
14	Non Base O&M Costs - VMPD	
15	Non Base O&M Costs - FERC Acct 929	127,833.15
16		
17	Business Development Expense	555,624.21
18	Depreciation and Amortization	52,829,347.10
19	Taxes - Federal and State	32,886,731.00
20	- Municipal	24,907,762.65
21	- Other, Excluding Revenue Taxes	2,924,212.54
	Accretion Expense	231,141.29
22	Capital Costs	444,729.37
23	Total Operating Expenses	
24	Return on Utility Rate Base	
25	Total Cost of Service Before Credits	-
	Less:	
26	Equity in Earnings of Affiliates	(62,065,519.53)
27	Other Operating Revenues	(22,525,915.03)
28	Business Development	(742,194.35)
29	Total Credits	

30	Cost of Service to Ultimate Consumers	
31	Gross Revenue & Fuel Gross Receipts Taxes	6,137,210.53
32	Total Cost of Service to Ultimate Consumers	
33	Merger Savings	
34	Total Cost of Service to Ultimate Consumers	
35	Revenue from Ultimate Consumers	(593,538,634.66)
36	Revenue Deficiency (Sufficiency) from Ultimate Consumers	

TO RECONCILE	
Non Operating Expense	5,373,190.61
Non Operating Revenue	(4,101,298.67)
Interest costs collected through Return on Ratebase	34,385,808.18
TOTAL	(61,019,983.05)
from Trial bal 3/31/16	(61,019,983.05)
difference	0.00

GREEN MOUNTAIN POWER CORPORATION
RATE BASE AND COST OF SERVICE
TEST YEAR ENDED March 31, 2016
DEPRECIATION /AMORTIZATION

	Test Year	Adjustment	Rate Year September 2017	
TOTAL AMORTIZATION CHARGED AGAINST INCOME				
Depreciation & Amortization	$52,829,347	($3,248,000)	$49,581,347	
Adjustments:				
Depreciation Expense	47,347,916	6,285,803	53,633,719	adj 13
CEED Amortization	1,167,224	610,601	1,777,825	adj 15
Reg Assets, Deferred Debits & Reg Liabiliti	2,478,015	(8,309,132)	(5,831,117)	adj 21
Other unadjusted	1,836,192	(1,835,272)	921	
Check Total	52,829,347	(3,248,000)	49,581,347	

Green Mountain Power Corporation
RATE BASE AND COST OF SERVICE
TEST YEAR ENDED March 31, 2016
Rate Year October 2016 - September 2017

PROPERTY TAX

Taxes Other than Income - Operating	Test Year	Adjust	Rate Year
408 Municipal Property:			
Other - Vermont *	$22,546,351	$2,930,649	$25,477,000
Dam Purchase ***	0	198,292	198,292
KCW	1,102,386	43,614	1,146,000
McNeil **	379,627	(0)	379,627
Highgate **	522,622	0	522,622
Total Vermont	24,550,985	3,172,556	27,723,541
Maine - Wyman **	36,260	(0)	36,260
Mass. - MMWEC **	81,454	(0)	81,454
Conn. - Millstone **	239,063	0	239,063
Total Property Taxes	24,907,763	3,172,555	28,080,318

*Additional $260,000 included in VT for major sub upgrades and Montpelier service center upgrade in FY2017
**Joint Owned figures equal test year amounts

GREEN MOUNTAIN POWER CORPORATION **Exh. EFR-7**
RATE BASE AND COST OF SERVICE
TEST YEAR ENDED March 31, 2016
GROSS REVENUE TAX CALCULATION

2016

GROSS REVENUE TAX RATE t= 1.04% Adjusted
$ in 000s
GENERAL FORMULA: GRT= (t*(COS-GRT))/(1-t)

	PROFORMA
COST OF SERVICE TO ULT CUST (COS)	603,270
LESS GROSS REVENUE TAX (GRT)	6,267
	597,003
TIMES GROSS REV TAX RATE (t)	1.04%
	6,202
DIVIDED BY 1 MINUS TAX RATE (1-t)	98.96%
GROSS REVENUE TAX TOTAL (GRT)	6,267

	MAR-2016	FEB-2016	JAN-2016	DEC-2015	NOV-2015	OCT-2015	SEP-2015	AUG-2015	JUL-2015	JUN-2015	MAY-2015	APR-2015	MAR-2015	13 Month Average	Production 13 month avg	General 13 month avg
Electric Plant in Service:																
Intangible	64,219,124	64,479,503	64,455,030	63,448,616	63,448,616	63,047,479	63,009,489	60,676,008	60,676,008	60,338,376	60,410,275	60,317,492	60,257,213	62,214,095		
Steam Production	34,353,435	34,353,435	34,353,435	34,353,435	34,353,435	34,353,435	34,353,435	34,353,435	34,353,435	36,163,715	35,257,069	35,257,069	35,257,069	34,701,218		
Nuclear Production	81,388,435	81,388,435	81,388,435	81,388,435	81,388,435	81,388,435	81,388,435	81,388,435	81,388,435	81,388,435	80,796,679	80,796,679	80,796,679	81,251,876		
Hydro Production	200,407,863	199,092,720	197,938,473	197,685,026	196,755,165	196,755,165	196,757,911	196,429,597	196,429,221	196,065,981	194,252,002	183,000,525	182,980,728	194,965,414		
Other Production	193,926,327	192,524,293	192,424,297	192,501,093	191,093,340	190,845,969	190,839,991	190,840,973	190,840,973	190,636,568	190,617,429	190,574,524	190,202,908	191,374,514	502,293,022	
Transmission	217,104,715	216,889,867	215,807,228	213,460,791	213,360,147	213,403,655	213,352,990	208,893,479	208,061,376	207,990,417	206,017,375	204,598,297	204,437,559	211,029,069		
Distribution	750,364,495	739,922,025	736,604,873	731,108,008	730,173,282	728,183,817	726,830,724	718,312,761	716,979,147	715,575,082	712,812,396	712,306,836	712,071,271	725,480,363		
Transportation	24,680,244	24,238,336	24,238,336	23,571,762	23,571,762	23,570,301	23,571,388	20,417,914	21,443,477	21,375,973	21,373,603	21,364,902	21,150,760	22,659,135		
General	89,415,870	87,773,100	87,288,697	87,019,045	86,975,325	86,382,923	86,344,417	84,387,297	87,930,834	87,322,419	87,264,889	86,807,318	86,765,499	87,052,126		171,925,355
Total Plant in Service	1,655,860,509	1,640,661,714	1,634,498,804	1,624,536,211	1,621,119,507	1,617,931,178	1,616,448,780	1,595,699,898	1,598,102,906	1,596,856,966	1,588,801,717	1,575,023,643	1,573,919,685	1,610,727,809		
Nuclear Fuel, net	2,480,765	2,581,980	2,676,651	1,585,862	1,686,986	1,785,003	1,885,945	1,740,400	1,826,049	1,933,699	2,045,964	2,147,401	575,921	1,919,433		
Accum Prov for Depreciation & Amortization																
Intangible	(24,626,758)	(25,487,214)	(24,803,209)	(24,133,084)	(23,462,959)	(22,799,520)	(22,136,715)	(21,512,800)	(20,888,886)	(20,270,798)	(19,651,512)	(19,033,773)	(18,417,038)	(22,094,174)		
Steam Production	(30,486,838)	(30,392,435)	(30,298,033)	(30,203,630)	(30,109,227)	(30,014,824)	(29,920,422)	(29,826,019)	(29,731,616)	(30,267,338)	(30,170,316)	(30,073,294)	(29,976,273)	(30,113,097)		
Nuclear Production	(46,952,433)	(46,869,022)	(46,785,611)	(46,702,200)	(46,618,789)	(46,535,378)	(46,451,966)	(46,368,555)	(46,285,144)	(46,201,733)	(46,118,928)	(46,036,124)	(45,953,319)	(46,452,246)		
Hydro Production	(72,995,794)	(72,612,664)	(72,137,087)	(71,564,747)	(71,652,795)	(71,082,621)	(70,514,559)	(70,083,148)	(69,514,628)	(68,957,827)	(68,413,468)	(69,691,010)	(69,149,126)	(70,643,806)		
Other Production	(50,295,402)	(49,658,953)	(49,022,940)	(48,386,755)	(47,753,176)	(47,148,974)	(46,544,787)	(45,940,574)	(45,336,361)	(44,757,241)	(44,153,575)	(43,550,046)	(42,947,769)	(46,576,658)		
Transmission	(66,519,413)	(66,300,624)	(65,985,768)	(65,689,255)	(65,397,122)	(65,163,596)	(64,852,504)	(64,686,023)	(64,383,391)	(64,090,313)	(63,868,741)	(63,574,727)	(63,275,545)	(64,906,694)		
Distribution	(282,510,867)	(281,557,561)	(280,721,546)	(280,551,106)	(279,502,183)	(278,697,018)	(277,924,867)	(277,486,462)	(276,490,566)	(275,405,043)	(274,487,677)	(273,746,071)	(272,535,415)	(277,816,645)		
Transportation	(10,280,322)	(10,158,003)	(10,035,684)	(9,917,060)	(9,798,436)	(9,679,820)	(9,561,197)	(9,454,564)	(10,371,798)	(10,241,947)	(10,125,003)	(10,008,060)	(9,892,253)	(9,963,396)		
General	(19,349,237)	(18,975,673)	(18,753,350)	(18,382,518)	(18,011,833)	(17,645,858)	(17,288,279)	(16,948,980)	(20,147,987)	(19,817,044)	(19,470,970)	(19,117,025)	(18,763,193)	(18,667,073)		
Retirement Work in Progress	714,976	648,980	719,073	844,769	1,041,463	1,065,672	872,910	997,430	625,300	441,494	511,932	1,157,748	1,127,378	828,394		
Total Deprec & Amort.	(603,302,088)	(601,363,169)	(597,824,154)	(594,685,586)	(591,265,057)	(587,701,938)	(584,322,385)	(581,309,694)	(582,525,076)	(579,567,789)	(575,948,258)	(573,672,382)	(569,782,553)	(586,405,395)		
Construction Work in Progress	38,496,544	47,073,130	47,688,751	52,672,225	49,434,026	46,883,611	40,373,855	48,023,418	40,299,090	34,775,408	35,142,242	43,009,028	37,665,918	43,195,173		
Investment in Assoc Cos																
VT Yankee	934,034	945,709	939,872	934,034	945,709	939,872	934,034	940,597	934,760	929,672	923,834	917,997	912,159	933,253		
Conn Yankee	33,786	33,641	33,532	33,532	33,468	33,322	33,207	33,149	33,023	32,881	32,702	32,642	32,482	33,182		
Mass Yankee	52,149	52,161	52,226	52,226	52,331	52,330	52,330	52,549	52,414	52,416	52,687	52,793	52,793	52,416		
Maine Yankee	45,473	45,238	45,109	45,109	51,047	50,819	50,588	50,427	50,225	49,997	49,814	49,593	49,372	48,678		
Green Lantern	1,011,437	1,022,623	1,024,351	1,024,465	1,026,893	1,031,662	1,037,173	1,042,706	1,054,650	1,059,873	1,065,099	1,068,445	1,069,638	1,041,463		
VELCO	10,377,506	10,568,039	10,709,936	10,592,352	10,896,884	10,511,107	10,464,701	10,638,153	10,556,370	10,440,867	10,600,227	10,478,274	10,389,629	10,555,696		
NE Hydro Trans Co	185,560	183,844	181,949	180,054	178,159	176,264	174,369	172,474	170,579	168,684	166,789	164,894	162,999	174,355		
NE Hydro Trans Electric	502,515	495,829	488,237	480,645	473,053	465,461	457,869	450,277	442,685	435,093	427,501	419,909	412,317	457,799		
Transco LLC	430,221,838	425,109,838	419,933,754	427,055,720	421,943,720	417,850,449	424,859,235	416,002,235	411,074,494	418,569,055	413,641,752	408,585,189	416,051,107	419,299,876		
JV Solar	2,205,169	1,858,236	1,765,909	1,930,554	1,694,057	1,662,138	1,494,875	1,382,923	1,311,580	980,242	826,713	583,706	563,400	1,404,577		
Total Invest in Utility Assoc Co	445,569,468	440,315,157	435,174,874	442,328,690	437,295,322	432,773,425	439,558,381	430,765,491	425,680,780	432,718,780	427,787,118	422,353,441	429,695,895	434,001,294		
Special Deposits	2,484,479	1,983,799	1,983,192	2,009,908	9,908	9,908	9,908	9,908	9,908	9,908	9,908	9,908	9,908	657,735		
Deferred Charges																
Unamortized Debt Discount	5,231,160	5,260,877	5,290,465	5,294,372	5,008,704	4,996,344	5,033,267	5,068,392	5,105,412	5,141,380	5,178,265	5,215,040	5,252,119	5,159,677		
17420~Renewable Energy Certificates	3,822,749	4,276,274	3,612,936	2,996,883	4,036,342	3,410,700	2,816,549	4,515,327	4,229,651	3,847,282	5,069,382	4,539,391	3,922,992	3,930,497		
18225~Gorge Repowerment	378,028	390,629	403,230	415,831	428,432	441,032	453,633	466,234	478,835	491,436	504,037	516,638	529,239	453,633		
18233~Reg Asset - 2013 Nta Study	47,259	55,136	63,012	70,889	78,765	86,642	94,518	102,395	110,271	118,148	126,024	133,901	141,777	94,518		
18235~Reg Asset - Vmpd Value Sharing Pool	349,497	361,147	372,797	384,446	396,096	407,746	419,396	419,396	419,396	419,396	419,396	419,396	419,396	400,577		
18236~Reg Asset - Depreciation Study	54,370	52,510	55,255	58,000	60,745	63,490	66,235	67,800	69,364	70,928	72,493	74,057	75,621	64,682		
18238~Reg Asset - Deerfield Wind Costs	746,597	771,484	796,370	821,257	846,143	871,030	895,917	895,917	895,917	895,917	895,917	895,917	895,917	855,715		
18250~Reg Asset - Retired Meter Cost	5,600,523	5,787,207	5,973,891	6,160,575	6,347,259	6,533,943	6,720,627	6,907,311	7,093,995	7,280,680	7,467,364	7,654,048	7,840,732	6,720,627		
18255~Nuclear Def Outage Costs	-	75,267	150,535	225,802	301,069	376,337	451,604	526,872	602,139	677,406	752,674	827,941	903,208	451,604		
18652~Vtel Smartgrid Payt	1,550,000	1,550,000	1,550,000	1,550,000	1,550,000	1,550,000	1,550,000	1,550,000	1,550,000	1,550,000	1,550,000	1,550,000	1,550,000	1,550,000		
18611~Jv Solar Abandoned Sites	198,324	198,324	198,324	-	-	-	-	-	-	-	-	-	-	45,767		
18612~Def Asset-Low Income Disc Payments	350,035	358,369	366,703	375,037	383,372	391,706	400,040	408,374	416,708	425,042	433,377	441,711	450,045	400,040		
18613~Def Asset-Efficiency Fund Payments	4,009,679	4,090,632	4,161,776	4,247,871	4,318,943	4,398,503	4,469,647	4,549,083	4,629,581	4,710,187	4,791,538	4,870,270	4,954,564	4,477,098		
18628~Ceed Fund Def Chg	15,571,965	15,229,921	15,208,739	15,121,481	14,853,944	14,639,510	14,119,443	14,041,969	13,918,983	13,848,289	13,518,425	13,590,614	13,642,777	14,408,158		
18647~Rate Design	442,565	407,170	393,970	391,939	384,117	380,223	345,633	332,156	327,691	324,780	289,970	-	-	309,247		
18640~Cv Hq Cont Rochester	-	-	175	351	526	702	877	1,053	1,228	1,403	1,579	1,754	1,930	891		
Total Deferred Charges	38,352,750	38,864,946	38,598,179	38,114,733	38,994,457	38,547,908	37,837,386	39,852,277	39,849,172	39,802,275	41,070,440	40,730,678	40,580,317	39,322,732		
18230~Regulatory Asset-Asset Retirement Obligation	324,997	327,577	330,156	332,735	335,315	337,894	340,474	343,053	345,632	348,212	350,791	353,370	355,950	340,474		
	324,997	327,577	330,156	332,735	335,315	337,894	340,474	343,053	345,632	348,212	350,791	353,370	355,950	340,474		
ADIT																
19010~Accum Deferred Income Tax-Fed	111,588,291	115,869,240	115,737,811	116,220,016	70,590,542	71,414,553	75,187,161	70,301,481	72,278,100	74,415,266	77,584,157	74,030,662	74,945,648	86,166,379		
19011~Deferred Tax Asset Current Portion	-	-	-	-	31,893,684	30,569,971	31,808,405	35,535,220	34,291,121	32,612,080	31,260,375	29,350,369	28,901,191	22,017,109		
19015~Def Tax Asset Allowance Fed	931,193	932,871	934,058	935,880	887,403	936,339	935,731	933,503	939,278	935,474	952,485	951,410	970,322	936,611		
19020~Accum Deferred Income Tax-Stat	8,738,439	10,196,321	10,317,100	10,598,645	10,818,941	10,598,401	11,837,695	11,346,933	11,367,110	11,308,472	11,852,399	10,095,997	10,097,363	10,705,679		
19025~Def Tax Asset Allowance State	347,718	343,295	339,285	334,455	330,050	326,267	322,471	335,778	331,009	327,325	321,167	317,141	311,002	329,766		
19031~Unfunded Future Income Tax Fed	452,424	448,610	444,796	440,982	437,168	433,354	429,540	432,576	435,613	438,649	441,686	444,722	447,759	440,606		
19032~Unfunded Future Income Tax St	120,081	119,069	118,056	117,044	116,032	115,019	114,007	114,813	115,619	116,425	117,231	118,037	118,843	116,944		

	MAR-2016	FEB-2016	JAN-2016	DEC-2015	NOV-2015	OCT-2015	SEP-2015	AUG-2015	JUL-2015	JUN-2015	MAY-2015	APR-2015	MAR-2015	13 Month Average	Production 13 month avg	General 13 month avg
19041~Unfunded Current Income Tax Fd	45,079	47,435	49,794	52,150	54,507	56,865	59,222	66,326	73,432	80,536	87,641	94,745	101,850	66,891		
19042~Unfunded Current Income Tax St	11,964	12,590	13,215	13,841	14,467	15,092	15,718	17,604	19,489	21,375	23,261	25,147	27,032	17,753		
	122,235,189	127,969,431	127,954,115	128,713,013	115,142,794	114,465,861	120,709,950	119,084,234	119,850,771	120,255,602	122,640,402	115,428,230	115,921,010	120,797,739		
28210~Def Inc Tax-Fed Inc-Other Prop	(232,758,196)	(231,426,349)	(230,111,025)	(228,758,459)	(213,376,682)	(212,907,686)	(212,439,407)	(212,005,244)	(211,677,023)	(211,593,959)	(210,547,432)	(203,955,047)	(203,836,905)	(216,568,724)		
28211~Deferred Tax Liability Current Portion	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
28220~Def Inc Tax-St Inc-Other Prop	(37,953,195)	(37,641,581)	(37,334,356)	(37,017,245)	(36,708,207)	(36,385,459)	(36,062,903)	(35,711,365)	(35,390,666)	(35,136,142)	(34,842,340)	(32,680,687)	(32,413,018)	(35,790,552)		
28231~Unfunded Lt Fedrl Inc Tax Liab	(86,065)	(87,397)	(88,728)	(90,060)	(91,392)	(92,724)	(94,055)	(95,858)	(97,662)	(99,465)	(101,269)	(103,072)	(104,875)	(94,817)		
28232~Unfunded Lt State Inc Tax Liab	(22,843)	(23,196)	(23,550)	(23,903)	(24,257)	(24,610)	(24,964)	(25,443)	(25,921)	(26,400)	(26,878)	(27,357)	(27,836)	(25,166)		
28241~Unfunded Curr Fed Inc Tax Liab	(18,811)	(19,283)	(19,755)	(20,227)	(20,698)	(21,170)	(21,642)	(22,209)	(22,776)	(23,343)	(23,910)	(24,477)	(25,044)	(21,796)		
28242~Unfunded Curr St Inc Tax Liab	(4,993)	(5,118)	(5,243)	(5,368)	(5,494)	(5,619)	(5,744)	(5,894)	(6,045)	(6,195)	(6,346)	(6,496)	(6,648)	(5,785)		
28310~Def Inc Tax Fed Op Current	-	-	-	-	(8,929,507)	(9,392,018)	(7,081,339)	(4,778,226)	(4,295,607)	(4,042,960)	(4,759,883)	(5,657,084)	(6,897,804)	(4,294,956)		
28311~Def Inc Tax-State Inc-Oper	(21,038,287)	(22,018,299)	(22,000,176)	(22,029,391)	(21,641,699)	(21,194,170)	(22,205,818)	(20,841,028)	(20,317,802)	(19,884,276)	(19,896,190)	(19,934,306)	(19,954,053)	(20,996,576)		
28312~Excess Deferred Taxes - Fed	652,597	651,345	650,093	648,841	647,589	646,337	645,085	640,077	635,069	630,061	625,053	620,045	615,038	639,018		
28315~Def Inc Tax-St Inc-Other Inc	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
28317~Def Inc Tax-St Inc-Nonop	(5,777,311)	(5,777,311)	(5,777,311)	(5,777,311)	(5,777,311)	(5,777,311)	(5,777,311)	(5,777,311)	(5,777,311)	(5,777,311)	(5,777,311)	(5,777,311)	(5,777,311)	(5,777,311)		
28318~Def Inc Tax-Fed Inc-Nonop	(26,022,029)	(26,022,029)	(26,022,029)	(26,022,029)	(26,022,029)	(26,022,029)	(26,022,029)	(26,022,029)	(26,022,029)	(26,022,029)	(26,022,029)	(26,022,029)	(26,022,029)	(26,022,029)		
28320~Def Inc Tax State Current	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
28321~Def Inc Tax-Federal Inc-Oper	(103,632,942)	(107,329,611)	(107,265,656)	(107,380,056)	(96,994,189)	(94,849,873)	(100,976,413)	(98,748,292)	(97,268,846)	(95,980,750)	(95,308,716)	(94,555,121)	(93,388,801)	(99,513,790)		
25371~Accrued State Tax Longterm	(326,308)	(326,308)	(326,308)	(326,308)	(326,308)	(326,308)	(326,308)	(272,267)	(272,267)	(272,267)	(272,267)	(272,267)	(272,267)	(301,366)		
	(426,988,383)	(430,025,137)	(428,324,044)	(426,801,516)	(409,270,184)	(406,352,640)	(410,392,848)	(403,665,089)	(400,538,886)	(398,235,036)	(396,959,518)	(388,395,209)	(388,111,553)	(408,773,850)		
Total ADIT	(304,753,194)	(302,055,706)	(300,369,929)	(298,088,503)	(294,127,390)	(291,886,779)	(289,682,898)	(284,580,855)	(280,688,115)	(277,979,434)	(274,319,116)	(272,966,979)	(272,190,543)	(287,976,111)		
25510~Accum Def Inv Tax Cr-Oper 6	(1,508,607)	(1,517,292)	(1,596,162)	(1,610,162)	(1,624,162)	(1,638,163)	(1,652,163)	(1,672,849)	(1,693,535)	(1,714,221)	(1,734,907)	(1,755,593)	(1,776,279)	(1,653,391)		
CAFC																
25221~Cafc-Old Tarriff Line Extensn	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
25222~Cafc-Docket 5282-Line Extensin	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
25223~Cafc-Tax Surcharge-Line Extens	-	(3,082)	-	-	-	-	-	-	(7,752)	-	-	10	-	(833)		
25224~Cafc-Spare Conduit-Line Extens	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
25225~Cafc-Conduit Credt-Line Extens	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
25226~Cafc- Loop Credit -Line Extens	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
25227~Cafc-Refunds Existing Line Ext	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
25228~Cafc-Street Light Contrib	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
25229~Cafc Tax Surcharge Comm Connects Liab	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
25297~Cafc Tax Perm Diff	(354,309)	(359,864)	(365,418)	(370,973)	(376,528)	(382,082)	(387,637)	(393,493)	(399,348)	(405,204)	(411,059)	(416,915)	(422,770)	(388,123)		
25298~Finance Charge (Linex)	-	-	-	-	-	-	(10,400,472)	(10,302,661)	(10,239,529)	(10,261,893)	(10,208,183)	(10,232,572)	(10,292,986)	(5,533,715)		
	(354,309)	(362,946)	(365,418)	(370,973)	(376,528)	(382,082)	(10,788,109)	(10,696,154)	(10,646,629)	(10,667,097)	(10,619,242)	(10,649,477)	(10,715,756)	(5,922,671)		
Deferred Credits																
25351~Unclaimed Prprty-Dividend Cks	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
25352~Unclaimed Prprty-Cust Refunds	(43,603)	(44,771)	(46,778)	(46,778)	(46,778)	(46,778)	(46,778)	(46,778)	(46,778)	(46,767)	(47,999)	(48,070)	(60,251)	(47,608)		
25353~Unclaimed Prprty-A/P Checks	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
25392~Insurance Settlements	(3,743,887)	(3,262,792)	(3,262,792)	(3,241,792)	(3,495,580)	(3,495,580)	(3,459,867)	(3,580,820)	(3,580,820)	(3,705,820)	(3,460,505)	(3,460,505)	(3,424,996)	(3,475,058)		
25393~Health Insurance Reserve	(1,217,058)	(1,191,994)	(1,191,994)	(1,191,994)	(1,167,449)	(1,167,449)	(1,167,449)	(1,258,770)	(1,258,770)	(1,258,770)	(1,234,453)	(1,234,453)	(1,234,453)	(1,213,466)		
22820~Accum Prov-Injuries And Damages	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	(5,004,548)	(4,499,557)	(4,501,564)	(4,480,564)	(4,709,807)	(4,709,807)	(4,674,094)	(4,886,368)	(4,886,368)	(5,011,357)	(4,742,957)	(4,743,028)	(4,719,700)	(4,736,132)		
22830~Long Term Disability Obligation	(961,695)	(971,950)	(981,900)	(991,850)	(1,002,106)	(1,012,056)	(1,022,311)	(923,758)	(932,860)	(942,267)	(951,370)	(960,472)	(969,879)	(971,113)		
24221~Curr Liab - Long Term Disability	(150,935)	(150,935)	(150,935)	(150,935)	(150,935)	(150,935)	(150,935)	(165,219)	(165,219)	(165,219)	(165,219)	(165,219)	(165,219)	(157,528)		
	(1,112,630)	(1,122,885)	(1,132,835)	(1,142,785)	(1,153,041)	(1,162,991)	(1,173,246)	(1,088,977)	(1,098,079)	(1,107,486)	(1,116,589)	(1,125,691)	(1,135,098)	(1,128,641)		
25343~Reg Liab - Vynpc Val Allow	-	-	-	-	-	-	-	(175,111)	(350,222)	(525,333)	(700,444)	(875,555)	(1,050,666)	(282,872)		
25361~Reg Liab-Neil Vy	(690,306)	(408,731)	(408,731)	(408,731)	(408,731)	(429,369)	(429,369)	(449,369)	(469,369)	(461,161)	(481,229)	(539,873)	(577,202)	(474,013)		
25363~Reg Liab-Brattleboro Environ Reserve	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
25379~Reg Liab Cvps Esam Overcollection	(600,000)	26	26	26	26	26	26	(2,090)	(4,207)	(6,323)	(8,439)	(10,555)	(12,671)	(49,548)		
25380~Reg Liab Cow Power Marketing	(377)	(377)	(377)	(13,577)	(377)	(377)	(377)	(377)	(377)	(377)	(377)	(377)	(1,168)	(1,453)		
25381~Def Rev-So2 Emission Allowances	-	-	-	-	(2,060)	(4,119)	(6,179)	(8,239)	(10,298)	(12,358)	(14,418)	(16,477)	(18,537)	(7,130)		
25390~Reg Liab Smartpower Overcoll-In Current	454	454	-	-	-	-	-	-	-	-	-	-	-	70		
25358~Reg Liab-Earnings Sharing	-	-	-	-	-	(6,450)	(6,450)	(1,600)	(1,600)	(1,600)	(1,600)	(1,600)	(1,600)	(1,731)		
24216~Misc Curresidual-Fin 45 Leas	-	-	-	-	(25,485)	(25,485)	(25,485)	(25,485)	(25,485)	(25,485)	(25,485)	(25,485)	(25,485)	(17,644)		
23000~Asset Retirement Liability	(5,422,880)	(5,363,315)	(5,363,315)	(5,363,315)	(5,306,123)	(5,306,123)	(5,306,123)	(5,248,931)	(5,248,931)	(5,248,931)	(5,191,739)	(5,191,739)	(5,191,739)	(5,288,708)		
24206~Misc Cur Workers Comp Major	(2,253,069)	(2,140,241)	(2,233,370)	(2,064,907)	(2,114,614)	(1,964,501)	(2,000,000)	(1,502,829)	(1,582,361)	(1,610,877)	(1,672,382)	(1,531,140)	(1,551,476)	(1,863,213)		
25378~Ciac Reg Liability	(7,800,354)	(8,233,707)	(8,667,060)	(9,100,413)	(9,533,766)	(9,967,119)	-	-	-	-	-	-	-	(4,100,186)		
24230~Vmpd Phase-In Current	(346,270)	(346,238)	(346,205)	(346,996)	(350,503)	(354,038)	(357,643)	(361,122)	(365,962)	(370,778)	(375,827)	(380,943)	(385,867)	(359,057)		
23480~Nothern Water Res- Accounts Payable	(5,547,603)	(5,547,603)	(5,547,603)	(5,547,603)	(5,547,603)	(5,547,603)	(5,547,603)	(5,022,274)	(5,022,274)	(5,022,274)	(5,022,274)	(5,022,274)	(5,022,274)	(5,305,144)		
25402~Reg Liab Production Tax Credit	(1,236,191)	-	-	-	-	-	-	-	-	-	-	-	-	(95,092)		
Pension																
18635~Prepaid Pension Offset Account	(13,820,385)	(13,885,441)	(13,566,497)	(14,015,553)	(12,640,134)	(13,264,715)	(13,889,296)	(13,878,632)	(13,867,969)	(13,857,306)	(13,846,643)	(13,835,980)	(13,825,317)	(13,707,221)		
18636~Accrued Benefit Asset-Pension	13,820,385	13,885,441	13,566,497	14,015,553	12,640,134	13,264,715	13,889,296	13,878,632	13,867,969	13,857,306	13,846,643	13,835,980	13,825,317	13,707,221		
18696~Reg Asset - Make Up Plan	31,857	32,315	32,773	33,231	33,689	34,147	34,605	35,063	35,521	35,979	36,437	36,895	37,353	34,605		
18698~Regulatory Asset 158 Pension Funding Offset	57,858,254	58,190,849	58,523,444	58,856,039	59,193,804	59,531,569	59,869,334	47,558,293	47,808,461	48,058,629	48,308,797	48,558,965	48,809,133	53,932,736		
22832~Non-Curr Make Up Plan Other	(66,986)	(67,955)	(66,534)	(67,504)	(67,278)	(65,857)	(65,631)	(50,416)	(50,190)	(49,964)	(51,714)	(51,879)	(50,457)	(59,413)		
22833~Non Current Liab Make Up Fas 158	(31,857)	(32,315)	(32,773)	(33,231)	(33,689)	(34,147)	(34,605)	(35,063)	(35,521)	(35,979)	(36,437)	(36,895)	(37,353)	(34,605)		

	MAR-2016	FEB-2016	JAN-2016	DEC-2015	NOV-2015	OCT-2015	SEP-2015	AUG-2015	JUL-2015	JUN-2015	MAY-2015	APR-2015	MAR-2015	13 Month Average	Production 13 month avg	General 13 month avg
22834~Pension Obilagation Other	13,820,386	13,885,442	13,566,498	14,015,554	12,640,135	13,264,716	13,889,297	13,878,633	13,867,970	13,857,307	13,846,644	13,835,981	13,825,318	13,707,222		
25398~Pension Funding Liability Fas 158	(57,858,254)	(58,190,849)	(58,523,444)	(58,856,039)	(59,193,804)	(59,531,569)	(59,869,334)	(47,558,293)	(47,808,461)	(48,058,629)	(48,308,797)	(48,558,965)	(48,809,133)	(53,932,736)		
24222~Misc Curr Liab - Make Up Plan	(14,343)	(14,343)	(14,343)	(14,343)	(14,343)	(14,343)	(14,343)	(29,332)	(29,332)	(29,332)	(29,332)	(29,332)	(29,332)	(21,261)		
Net Pension Asset	13,739,057	13,803,144	13,485,621	13,933,707	12,558,514	13,184,516	13,809,323	13,798,885	13,788,448	13,778,011	13,765,598	13,754,770	13,745,529	13,626,548		
Working Capital - Fuel																
15110~Mands Fuel-Diesel Plants	2,057,586	2,063,230	2,156,852	2,313,029	2,317,940	2,307,426	2,361,654	2,377,771	2,391,534	2,386,380	2,401,268	2,401,342	2,403,573	2,303,045		
15120~Mands Fuel-Gas Turbine Plants	3,712,126	3,731,899	3,765,434	3,786,928	3,693,110	3,691,159	3,697,129	3,910,881	4,029,489	4,048,888	4,060,119	4,037,410	4,033,661	3,861,403		
15121~Mands Fuel-Mcneil General Plant	376,374	385,846	457,777	486,213	533,506	535,343	236,455	399,992	456,526	250,424	127,966	58,158	160,476	343,466		
15122~Mands Fuel-Mcneil G Plt-Swanton	216,942	237,024	129,088	194,538	123,557	118,780	77,237	59,339	32,277	147,695	246,545	221,078	246,743	157,757		
15123~Mands Fuel-Mcneil Gen Plt-Oil	50,554	33,313	37,190	40,858	44,349	48,499	51,681	56,127	59,895	63,055	66,279	67,630	71,190	53,125		
15130~Mands Fuel-Steam Plants	803,615	936,712	1,001,844	1,015,611	815,321	714,386	665,004	701,476	745,174	746,030	752,739	754,912	862,230	808,850		
15210~Fuel Hndling-Steam Plant #24	36,503	39,586	52,508	55,984	62,058	61,007	31,529	54,131	60,888	31,547	16,562	4,196	17,675	40,321		
15220~Fuel Hndling-Steam Plant #24	28,376	36,155	21,236	25,618	17,252	22,972	17,237	14,221	4,380	32,517	42,423	30,381	44,263	25,926		
	7,282,077	7,463,765	7,621,929	7,918,779	7,607,093	7,499,571	7,137,926	7,573,938	7,780,162	7,706,536	7,713,902	7,575,108	7,839,811	7,593,892		
Working Capital - Inventory																
15410~Plt Mtls And Oper Supp-General	10,143,675	10,075,992	9,918,901	10,011,442	10,008,663	9,709,676	9,232,112	9,289,413	9,411,108	9,193,563	8,620,594	8,311,168	8,182,637	9,392,996		
15411~Mat & Suppl - Millst Mcneil & Misc	2,790,888	2,727,239	2,744,148	2,732,010	2,763,527	2,739,540	2,704,339	2,322,019	2,323,096	1,970,331	2,195,976	2,019,344	2,016,722	2,465,322		
15420~Plt Mtls And Oper Supp-Assoc Stk	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
15430~Orange Tag Inventory-Col / Mont	-	-	-	-	-	-	-	12,949	25,899	38,848	51,798	64,747	77,696	20,918		
15510~Merchandise	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
15810~Renewable Energy Credits Inventory Allowance	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
16310~Stores Hndling Exp-Undistribut	(3,226,038)	(3,158,523)	(3,083,944)	(2,994,758)	(2,959,175)	(2,773,912)	(2,738,353)	(2,519,272)	(2,419,262)	(2,365,056)	(2,230,099)	(2,162,921)	(2,091,247)	(2,670,966)		
16320~Sales And Use Tax On Store Purch	3,897,972	3,893,825	3,924,304	3,839,157	3,714,576	3,642,310	3,584,351	3,461,851	3,374,823	3,310,895	3,213,417	3,157,176	3,071,907	3,545,120		
15412~Tesla Battery Inventory	1,765,045	208,010	-	-	-	-	-	-	-	-	-	-	-	151,773		
	15,371,543	13,746,543	13,503,410	13,587,852	13,527,591	13,317,613	12,782,449	12,566,960	12,715,665	12,148,582	11,851,687	11,389,514	11,257,716	12,905,163		
Working Capital -Prepayments																
16511~Prepayments-Ins General	775,027	910,355	1,045,682	1,181,010	1,141,948	1,137,169	4,472	144,777	286,671	427,770	567,876	709,964	852,052	706,521		
16512~Prepayments-Employee Medical	(1,663,732)	(1,484,421)	(1,542,426)	(1,418,175)	(666,132)	(292,453)	-	(269,475)	380,244	589,024	445,615	389,619	217,735	(408,814)		
16513~Prepayments-Ins Life	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
16514~Prepayments-Ins Liability	103,087	120,268	137,449	154,630	171,313	188,445	-	16,446	32,892	49,338	65,784	82,230	98,676	93,889		
16515~Prepayments-Worker'S Comp	-	-	-	-	-	-	-	-	16,789	92,641	123,424	154,276	185,128	44,020		
16516~Prepayments-Excess Liability	590,885	714,854	814,452	915,970	208,584	(166,082)	-	45,499	150,839	280,279	403,720	541,831	713,532	401,105		
16517~Prepayments-D.O.L.I.	272,352	284,699	297,047	309,394	286,335	298,950	311,565	324,178	336,791	349,404	362,017	374,630	387,243	322,662		
16521~Prepayments-Purchase Power	-	-	-	0	144,445	288,889	433,333	577,778	722,222	830,197	974,641	1,119,086	1,625,226	516,601		
16522~Prepayments-Rec Brokerage Fees	146,569	145,188	137,688	137,688	137,688	109,438	109,438	115,126	115,126	115,126	124,076	124,076	124,076	126,254		
16531~Prepayment-Other	2,412,659	2,553,381	787,842	1,078,932	1,426,553	1,568,842	1,858,199	1,810,034	2,101,935	2,346,401	2,606,947	2,792,138	3,125,560	2,036,109		
16532~Prepayments-Mmwec	(487,511)	(120,285)	(109,998)	16,996	109,841	(105,514)	(675,959)	(929,450)	(443,629)	(381,378)	(196,154)	(7,300)	(249,231)	(275,352)		
16535~Prepayments-Medicare Prhc Receivableres Conservtn Corp	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
16537~Prepaid-Other Expense	-	-	-	-	-	-	-	-	-	-	-	18,354	36,708	4,236		
16538~Prepayments-Mcneil	959,413	1,027,697	1,095,523	1,198,481	1,184,456	1,033,244	1,149,723	1,166,427	1,191,076	772,170	770,817	430,077	363,237	949,411		
16539~Prepayments-Highgate	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
16540~Ap Property Tax Liability	38,150,479	37,929,692	36,148,263	33,198,634	32,829,049	32,124,704	26,212,967	22,611,568	19,259,144	16,300,923	16,234,802	15,850,794	14,272,123	26,240,242		
16542~Prepayments-Property Taxes	(35,101,370)	(32,982,143)	(30,954,165)	(28,828,117)	(26,761,045)	(24,735,034)	(22,656,126)	(20,533,787)	(18,851,711)	(16,941,336)	(15,011,131)	(13,174,797)	(11,335,757)	(22,912,809)		
	6,157,857	9,099,286	7,857,358	7,945,445	10,213,036	11,450,598	6,747,613	5,079,120	5,298,390	4,830,558	7,472,436	9,404,978	10,416,307	7,844,076		
Post Retirement Medical																
18661~Non-Curr Prepaid Prw	-	-	-	-	-	-	-	(691,786)	(699,020)	(898,839)	(759,817)	(902,428)	(910,126)	(374,001)		
18662~Non-Curr Prepaid Prw - Sfas 158	-	-	-	-	-	-	-	4,492,046	4,472,830	4,453,614	4,434,398	4,415,182	4,395,966	2,051,080		
18692~Reg Asset Prhc	745,729	770,999	796,269	821,539	846,809	872,079	897,349	-	-	-	-	-	-	442,367		
26381~Prw 158 Liability Non Current	(745,729)	(770,999)	(796,269)	(821,539)	(846,809)	(872,079)	(897,349)	-	-	-	-	-	-	(442,367)		
26382~Prw Non Current Liab Other	(332,519)	(391,899)	(441,418)	(494,261)	(274,681)	(278,173)	(278,740)	-	-	-	-	-	-	(191,668)		
25344~Reg Liab - Opeb Aoc1	-	-	-	-	-	-	-	(4,492,046)	(4,472,830)	(4,453,614)	(4,434,398)	(4,415,182)	(4,395,966)	(2,051,080)		
14325~Employee Benefit Plans	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
24259~Retiree Med Curr Liab	(209,542)	(209,542)	(209,542)	(209,542)	(209,542)	-	-	-	-	-	-	-	-	(80,593)		
Proforma Adjustment	-	-	-	-	-	(209,542)	(209,542)	-	-	-	-	-	-	(32,237.2)		
	(542,061)	(601,441)	(650,960)	(703,803)	(484,223)	(487,715)	(488,282)	(691,786)	(699,020)	(898,839)	(759,817)	(902,428)	(910,126)	(678,500)		
SERP																
18691~Reg Asset Serp Non Current	989,321	999,434	1,009,547	1,019,660	1,029,701	1,039,742	1,049,783	1,868,441	1,892,943	1,917,445	1,941,947	1,966,449	1,990,951	1,439,643		
18697~Reg Asset Serp Liability Current Portion	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
24256~Serp Curr Liab Other	(366,469)	(366,469)	(366,469)	(366,469)	(366,469)	(576,011)	(576,011)	(451,545)	(451,545)	(451,545)	(451,545)	(451,545)	(451,545)	(437,972)		
26311~Serp 158 Liability	(989,321)	(999,434)	(1,009,547)	(1,019,660)	(1,029,701)	(1,039,742)	(1,049,783)	(1,868,441)	(1,892,943)	(1,917,445)	(1,941,947)	(1,966,449)	(1,990,951)	(1,439,643)		
26312~Gmp Serp Liability Non-Current	(3,268,725)	(3,282,697)	(3,249,557)	(3,263,529)	(3,250,950)	(3,214,816)	(3,285,774)	(3,782,811)	(3,719,400)	(3,655,988)	(3,620,912)	(3,561,357)	(3,477,323)	(3,433,372)		
26360~Minimum Serp Liability	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
26365~Serp Current Liab Fas 158	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Proforma Adjustment (reclass to Retiree Medical)	-	-	-	-	-	209,542	209,542	-	-	-	-	-	-	32,237		
	(3,635,194)	(3,649,166)	(3,616,026)	(3,629,998)	(3,617,419)	(3,581,285)	(3,652,243)	(4,234,356)	(4,170,945)	(4,107,533)	(4,072,457)	(4,012,902)	(3,928,868)	(3,839,107)		
FAS 109																
18231~Future Revenue Due To Inc Tax	108,908	110,593	112,278	113,963	115,649	117,334	119,019	121,301	123,583	125,865	128,147	130,429	132,712	119,983		
18232~Current Revenue Due To Inc Tax	23,804	24,401	24,998	25,595	26,192	26,789	27,386	28,103	28,821	29,538	30,256	30,973	31,691	27,581		
18251~Sfas 109 Reg Asset Cv	6,027,479	5,988,423	5,949,439	5,910,455	5,871,470	5,832,486	5,793,502	5,861,472	5,806,235	5,750,347	5,694,458	5,638,570	5,582,682	5,823,617		

	MAR-2016	FEB-2016	JAN-2016	DEC-2015	NOV-2015	OCT-2015	SEP-2015	AUG-2015	JUL-2015	JUN-2015	MAY-2015	APR-2015	MAR-2015	13 Month Average	Production 13 month avg	General 13 month avg
24411~Future Rev Reduction - Inc Tax	(572,506)	(567,679)	(562,853)	(558,026)	(553,200)	(548,373)	(543,547)	(547,389)	(551,232)	(555,074)	(558,917)	(562,759)	(566,602)	(557,551)		
24412~Curr Rev Reduction - Inc Tax	(57,042)	(60,025)	(63,008)	(65,991)	(68,974)	(71,957)	(74,940)	(83,930)	(92,921)	(101,911)	(110,902)	(119,892)	(128,882)	(84,644)		
	5,530,643	5,495,713	5,460,854	5,425,996	5,391,137	5,356,279	5,321,420	5,379,557	5,314,486	5,248,765	5,183,042	5,117,321	5,051,601	5,328,986		

GREEN MOUNTAIN POWER CORPORATION
COMPUTATION OF WORKING CAPITAL
TEST YEAR ENDED March 31, 2016
2017
Working Capital Calculation - 1/8 Operating Expenses

Description	Per Books	Adjustments	Adjusted
Material and Supplies Inventory including Fuel	12,905,163	0	12,905,163
Millstone III Nuclear Fuel Inventory (Net)	1,919,433	693,678	2,613,110
Construction Blanket Work Orders		0	0
Prepayments	7,844,076	0	7,844,076
Less: 1/8 Bond Interest Expense	(3,742,000)	(255,000)	(3,997,000)
1/8 Operating Exp. Allowance	15,601,000	48,000	15,650,000
Total Working Capital	34,527,672	487,678	35,015,349

GREEN MOUNTAIN POWER CORPORATION
COMPUTATION OF WORKING CAPITAL
TEST YEAR ENDED March 31, 2016
2017
Working Capital Calculation - 1/8 Operating Expenses

$ in 000s	PER BOOKS	ADJUST	PRO FORMA
SUB-TOTAL PRODUCTION	$26,812	$2,743	$29,555
SUB-TOTAL TRANSM	97,947	1,457	99,404
DISTRIBUTION	31,907	12,652	44,559
CUSTOMER ACCOUNTING	9,079	1,160	10,239
CUST SERVICE & INFO	2,573	33	2,606
SALES	13	(13)	0
BUSINESS DEVELOPMENT	556	0	556
ADMIN. AND GENERAL	40,669	14,527	55,196
Remove Platform Adjustments	0	(32,559)	(32,559)
Synergy savings Test Year to Rate Year	0	1,100	1,100
NON BASE O&M COSTS - AMI	1,935	(1,193)	742
NON BASE O&M COSTS - KCW	930	27	957
NON BASE O&M COSTS - VMPD	263	(150)	113
NON BASE O&M COSTS - 7496 MOU	0	0	0
NON BASE O&M Acct 929	128	(472)	(344)
Transmission by Others	(88,000)	1,075	(86,925)
SUBTOTAL	124,810	387	125,198
DIVIDED BY 8	15,601	48	15,650
	15,601	48	15,650
Rate Base Before Accrued	1,252,616	85,230	1,337,845
Interest			
Long Term Debt component	2.39%	2.39%	2.39%
Bond Interest Expense	29,938	2,037	31,974
ADD BACK			
1/8 Bond Interest Expense	3,742	255	3,997

GREEN MOUNTAIN POWER CORPORATION
COMPUTATION OF WORKING CAPITAL
TEST YEAR ENDED March 31, 2016
2017
Lead Lag Cash Working Capital

Description	Per Books	Adjustments	Adjusted	000's Ratebase Adjustmen
Material and Supplies Inventory including Fuel	20,499,055	0	20,499,055	
Millstone III Nuclear Fuel Inventory (Net)	1,919,433	693,678	2,613,110	
Prepayments	7,844,076	0	7,844,076	
Lead /Lag Working Capital Allowance	11,859,000	3,880,701	15,739,701	15,813
Total Working Capital	42,121,564	4,574,378	46,695,942	

Rate Year - $ in 000's

Description	**Base Filing**	**Lead /(Lag) Days**	**Dollar Days**	**Working Capital Provided / (Required)**
Revenues				
Retail Revenues	603,270	(40.19)	(24,242,735)	(66,418)
Cost of Service				
Purchase Power, Net	$254,361	33.08	8,415,385	23,056
Production	26,362	0.95	25,065	69
Transmission	93,769	53.90	5,054,415	13,848
O&M (Platform, Non-base O&M & Acct 929)	122,895			
Less Customer Synergies	(15,000)			
Less Investor Synergies	(15,000)			
O&M (Platform, Non-base O&M & Acct 929)	92,895	17.31	1,607,707	4,405
Business Development Expense	556			
Depreciation and Amortization	49,581	-	-	-
Accretion Expense	248	-	-	-
Taxes - Income Taxes	37,224	-	-	-
- Municipal Taxes	28,081	-	-	-
- Other Payroll Taxes	2,875	8.5	24,439	67
Capital Costs	97		-	-
Total Operating Expenses	$ 586,049	25.81	$ 15,127,011	$ 41,444
Equity-in-Earnings of Affiliates	(81,339)	-	-	-
Other Operating Revenue	(21,763)	48.66	(1,059,010)	(2,901)
Business Development	(742)	-	-	-
Gross Revenue Taxes	6,267	175.4	1,098,955	3,011
Merger Savings (included above)				
Capital Costs				
Interest on LTD and STD	36,791	90.5	3,330,788	9,125
Return	63,007	-	-	-
Cost of Service	$ 603,270	30.66	$ 18,497,744	50,679
Working Capital Requirement				(15,740)

Green Mountain Power Corporation
Analysis of Return on Rate Base
Test Year ending March 31, 2016

Net Income applicable to Common Stock	$ 61,019,983
09 Catamount Resources Equity in Earnings	0
63 Northern Water Works Equity in Earnings	(14,841)
Equity Income	**(14,841)**
RWH / Rental Income, net	1,584,011
Synergies Savings	19,136,633
NonOperating Income	2,060,042
Below the Line Accounts	(4,901,103)
Sub-total - Unregulated Income (expense)	17,864,741
Tax benefit (expense)	(6,912,427)
Total Unregulated income (expense)	10,952,314
Net Regulatory Income:	
Net Income applicable to Common Stock	61,019,983
Remove: Unregulated income/(Expense)	(10,952,314)
Total Regulatory Income	50,067,669
Interest / Fee Charges	
First Mortgage Bonds	33,372,713
Debentures	
Notes Payable	672,170
Total Book Return on Rate Base	$84,112,551
Tax Calculation:	
Unregulated Income (expense)	$17,864,741
Remove: Life Insurance	305,453
Remove: Non Deductible Lobbying	4,168
Remove: Non Deductible Fees	(221,897)
Remove: AFUDC Equity	(910,114)
Remove: Equity income	14,841
	17,057,193
Effective Tax Rate - 40.525%	($6,912,427)
Reconciliation	
Trial Balance	
Net Income	61,019,983
Non-Operating Expenses	5,373,191
Non-Operating Revenue	(4,101,299)
First Mortgage Bonds	33,372,713
Notes Payable	672,169.57
	96,336,757
Tax (Benefit)/Expense from Above	6,912,427
Synergy Savings From Above	(19,136,633)
	84,112,551
Check	$0.00

		4-2015 - 9-2015 test year 6 months FY 2014	10-2015 - 3-31-2016 test year 6 months FY 2015	Total Test Year Synergy Savings	Customer Share	Investor Share
Total Test Year Synergies		15,173,380	15,926,506	31,099,886	11,963,253	19,136,633
Guaranteed Annual FY 2015 Customer Synergy Savings		8,000,000	-			
Test Year Portion of FY 2015 Customer Synergy Savings		4,000,000	-		4,000,000	11,173,380
Customer Synergies 50% Sharing	50%		7,963,253		7,963,253	7,963,253

Green Mountain Power Corporation
Equity & Bank Loan Balances

	RATE YEAR												
	9/30/2016	10/31/2016	11/30/2016	12/31/2016	1/31/2017	3/1/2017	4/1/2017	5/1/2017	6/1/2017	7/1/2017	8/1/2017	9/1/2017	10/1/2017
TOTAL COMMON STOCK EQUITY	696,823,958	702,451,943	707,083,712	755,504,796	761,948,255	766,428,986	763,818,788	767,960,270	751,290,845	748,486,986	753,868,756	759,302,761	759,445,182
13-Month Average Common Equity													**745,724,249**
COMPANY BANK LOANS	45,228,890	77,328,311	78,687,235	80,725,019	77,159,889	76,142,440	79,545,641	16,412,177	66,584,058	82,120,945	73,969,423	75,418,686	77,457,062
13-Month Average Bank Loans													**69,752,290**
Combined Company - interest on Short term borrowing		114,897	146,265	149,449	148,017	143,721	145,958	89,960	77,809	139,411	146,335	140,051	143,321
Rate Year Total Interest Expense													1,585,194
Average Interest Rate													2.27%

GREEN MOUNTAIN POWER CORPORATION
RB 15 Accumulated Deferred Income Taxes

			9/30/2017 Rate Year 13 mo avg	3/31/2016 Test Year 13 mo avg	Change
	TRANS	Investment in Associated Companies	(120,025,752)	(97,838,270)	(22,187,482)
Deferred Charges					
	18121	INT RATE SWAP/BOND DISCOUNT	173,877	195,230	(21,353)
	18225	GORGE REPOWERMENT	(91,918)	(183,835)	91,917
	18233	REG-ASSET-2013 NTA STUDY	3	(38,304)	38,307
	18235	REG ASSET - VMPD VALUE SHARING	(84,981)	(155,797)	70,816
	18236	REG ASSET - DEPRECIATION STUDY	(16,292)	(26,340)	10,048
	18238	REG ASSET - DEERFIELD WIND COST	(242,048)	(151,280)	(90,768)
	18255	NUCLEAR DEF OUTAGE COSTS	227,581	(183,013)	410,594
	18611	JV SOLAR ABANDONED SITES	(36,582)	(40,186)	3,604
	18612	DEF ASSET-LOW INCOME DISC PAYME	(101,324)	(162,117)	60,793
	18613	DEF ASSET-EFFICIENCY FUND PAYME	(1,290,934)	(1,816,381)	525,447
	18628	CEED FUND Def chg	(6,485,391)	(5,919,637)	(565,754)
	18647	RATE DESIGN	(149,580)	(89,675)	(59,905)
	18651	DEERFIELD WIND	60,512	(181,535)	242,047
	ARO				
	18230	REGULATORY ASSET-ASSET RETIREME	(119,162)	(137,978)	18,816
CAFC					
	25297,25298	FINANCE CHARGE (LINEX)	(28,597)	2,071,257	(2,099,854)
Deferred Credits			0	0	0
	23000	ASSET RETIREMENT LIABILITY	2,283,638	2,152,033	131,605
	23515	UNEARNED REVENUE	83,696	76,701	6,995
	24206	MISC CUR WORKERS COMP MAJOR	902,727	770,896	131,831
	25343	REG LIAB - VYNPC VAL ALLOW	0	212,892	(212,892)
	25358	REG-LIAB-earnings sharing	0	324	(324)
	25361	REG LIAB-NEIL VY	279,747	256,829	22,918
	25378	CIAC REG LIABILITY	1,074,008	1,580,547	(506,539)
	25379	REG LIAB CVPS ESAM OVERCOLLECTI	60,788	124,143	(63,355)
	25380	REG LIAB COW POWER MARKETING	(32)	313	(345)
	25381	DEF-REV-SO2 EMISSION ALLOWANCE	0	3,756	(3,756)
	25390	REG LIAB SMARTPOWER OVERCOLL-IN	(77)	(170)	93
	25392	CONTINGENCY RESERVES	1,523,209	1,452,595	70,614
	25393	HEALTH INSURANCE RESERVE	493,213	496,738	(3,525)
	25397	ELECTRICITY ASSISTANCE PROGRAM	0	1,363,020	(1,363,020)
	25400	REG LIAB VYNPC REV SHAR AGRMT	0	2,270,333	(2,270,333)
	25402	REG LIAB PRODUCTION TAX CREDIT	250,483	250,483	0
	FAS 112	FAS 112 liability	446,860	455,446	(8,586)
	PENSION		(7,604,207)	(6,663,442)	(940,765)
	W Cap	Working Capital	(1,188,539)	(641,827)	(546,712)
	P R Med	Post Retirement Medical	201,183	294,250	(93,067)
	SERP		1,477,035	1,532,656	(55,621)
	TAX FAS 109		(5,772,123)	(5,278,963)	(493,160)
	WC Prepayments	Working Capital Prepayments	(591,959)	(1,135,350)	543,391
	FA	Plant related items	(290,764,013)	(248,296,783)	(42,467,230)
	CAP S EQUITY	Capital Structure Equity	0	29,138	(29,138)
	NOL	Net Operating losses	51,798,144	49,416,978	2,381,166
	25394	COST OF REMOVAL REGULATORY LIAB	9,115,885	9,825,072	(709,187)
	PTC	Production Tax Credits	18,670,348	11,701,497	6,968,851
	18250	REG ASSET - RETIRED METER COST	(1,361,821)	(2,723,535)	1,361,714
	VY Contra VA		1,282,643	1,280,118	2,525
	FIN48	FIN48	114,208	104,751	9,457
	12801NQ	Millstone non-qualified trust	549,011	536,415	12,596
	20	AMORT OF HQ (89-90 AUDIT) now North & South	2,632	8,181	(5,549)
			0	0	0
	East Barnet		(916,275)	(934,457)	18,182
			0	0	0
		Items in Rate Base	(345,800,176)	(284,136,283)	(61,663,893)

Accumulated Deferred Investment Tax Credits (memo WP)

	Projected
Average for Post - 1980 Additions (Regular)	
Average for - McNeil	0
- East Barnet	225,034
- Bradford	133,681
- Highgate	151,757
- Millstone	893,919
Total	1,404,391
Total Rounded	1,404,000

Green Mountain Power Corporation
Community Energy & Efficiency Development Fund (CEED)
TEST YEAR: 4/1/15 - 3/31/16
RATE YEAR: 10/1/16 - 9/30/17

	Deferred Charges (18628) BEGINNING BALANCE	Investments	AMORTIZATION	ENDING BALANCE
Test Year and Interium:				
March 2015	13,546,764	168,205	(72,189)	13,642,780
April	13,642,780	20,026	(72,189)	13,590,618
May	13,590,618	-	(72,189)	13,518,429
June	13,518,429	402,052	(72,189)	13,848,293
July	13,848,293	142,883	(72,189)	13,918,987
August	13,918,987	195,174	(72,189)	14,041,972
September	14,041,972	149,663	(72,189)	14,119,447
October	14,119,447	642,416	(122,349)	14,639,514
November	14,639,514	336,782	(122,349)	14,853,947
December	14,853,947	389,886	(122,349)	15,121,485
January 2016	15,121,485	209,607	(122,349)	15,208,743
February	15,208,743	143,530	(122,349)	15,229,924
March	15,229,924	464,392	(122,349)	15,571,968
April	15,571,968	159,421	(122,349)	15,609,040
May	15,609,040	159,421	(122,349)	15,646,113
June	15,646,113	159,421	(122,349)	15,683,185
July	15,683,185	159,421	(122,349)	15,720,257
August	15,720,257	159,421	(122,349)	15,757,330
September 2016	15,757,330	159,421	(122,349)	15,794,402
Rate Year:				
October 2016	15,794,402	514,981	(148,152)	16,161,231
November	16,161,231	514,981	(148,152)	16,528,060
December	16,528,060	514,983	(148,152)	16,894,891
January 2017	16,894,891	72,333	(148,152)	16,819,072
February	16,819,072	72,333	(148,152)	16,743,253
March	16,743,253	72,333	(148,152)	16,667,435
April	16,667,435	72,333	(148,152)	16,591,616
May	16,591,616	72,333	(148,152)	16,515,797
June	16,515,797	72,333	(148,152)	16,439,978
July	16,439,978	72,333	(148,152)	16,364,160
August	16,364,160	72,333	(148,152)	16,288,341
September 2017	16,288,341	72,333	(148,152)	16,212,522
Rate year amortization			(1,777,825)	

Rate Base:	13 month total	**13 month avg bal**
Test Year: 4/1/14- 3/31/15	187,306,107	**$14,408,162**
Rate Year: 10/1/15 - 9/30/16	214,020,758	**$16,463,135**

Incremental Innovative Services Support Worksheet

Revenues and Expenses

$1,428,835 = Total Revenue (A)

$342,503 = Total Incremental O&M Expenses (B)

$679,930 = Total Depreciation Expense (C)

$770,986 = Return on Rate Base (D)

Please note: Rate base higher at beginning of leases , so expenses for a given lease are highest in first year.

Business Development Revenue Associated with eCompany for FY17

Leases	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	FY17
Heat Pump	$55,919	$57,323	$58,727	$62,268	$65,808	$72,035	$82,718	$93,645	$106,099	$119,407	$133,631	$146,084	$1,053,664
Heat Pump Water Heater	$8,348	$8,827	$9,305	$9,963	$10,622	$11,280	$11,938	$12,626	$13,315	$14,003	$14,691	$15,349	$140,267
EVGo	$727	$727	$727	$727	$727	$859	$991	$1,190	$1,322	$1,454	$1,586	$1,718	$12,756
Tesla Lease	$4,313	$4,950	$5,588	$5,775	$5,963	$6,525	$7,275	$8,063	$9,000	$9,938	$10,875	$11,813	$90,075
Electric Thermal Storage	$631	$631	$631	$631	$631	$631	$631	$631	$631	$631	$631	$631	$7,572

Sales (Please note that these numbers reflect margin on sales)	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	FY17
Tesla	$4,088	$4,088	$4,088	$4,088	$4,088	$4,088	$4,088	$20,440	$16,352	$16,352	$16,352	$6,132	$104,244
ConnectDER	$1,736	$1,736	$1,158	$1,158	$1,158	$1,158	$2,315	$2,315	$2,315	$2,315	$1,736	$1,158	$20,257

Source: "FY17 EIC Revenue"

Total Revenue for EIC Initiatives in FY17: $1,428,835 (A)

Department	Expense Class	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	TY
37: Customer Programs - EIC	260: Outside Services	28,542	28,542	28,542	28,542	28,542	28,542	28,542	28,542	28,542	28,542	28,542	28,542	342,503

Source: UI Budgeting Software Output downloaded into "Incremental EIC O&M Expenses"

Total O&M Expenses for EIC Initiatives in FY17: 342,503 (B)

	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	TY
Monthly Depreciation Expense	$ 37,992	$ 37,992	$ 43,564	$ 49,136	$ 49,136	$ 54,708	$ 60,280	$ 60,280	$ 65,852	$ 71,424	$ 71,424	$ 78,142	$ 679,930 (C)

		Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	
Rate Base	Plant in Service	$6,783,425	$6,783,425	$6,783,425	$8,788,326	$8,788,326	$8,788,326	$10,793,227	$10,793,227	$10,793,227	$12,798,128	$12,798,128	$12,798,128	$15,215,237	
	(Accum. Depr.)	-$241,312	-$279,304	-$317,296	-$360,860	-$409,996	-$459,132	-$513,840	-$574,120	-$634,400	-$700,252	-$771,676	-$843,100	-$921,242	
	Subtotal:	$6,542,113	$6,504,121	$6,466,129	$8,427,466	$8,378,330	$8,329,194	$10,279,387	$10,219,107	$10,158,827	$12,097,876	$12,026,452	$11,955,028	$14,293,995	$9,667,540
	Accum. Book Depr.	$241,312	$279,304	$317,296	$360,860	$409,996	$459,132	$513,840	$574,120	$634,400	$700,252	$771,676	$843,100	$921,242	
	Accum. Tax Depr.	-$3,711,437	($4,153,384)	($4,595,332)	($5,037,279)	($5,479,227)	($5,921,175)	($6,363,123)	($6,805,071)	($7,247,019)	($7,688,968)	($8,130,916)	($8,572,864)	($9,014,826)	
	Net	-$3,470,125	-$3,874,080	-$4,278,036	-$4,676,419	-$5,069,231	-$5,462,043	-$5,849,283	-$6,230,951	-$6,612,619	-$6,988,716	-$7,359,240	-$7,729,764	-$8,093,584	
	Deferred Taxes on Depr	-$1,406,268	-$1,569,971	-$1,733,674	-$1,895,119	-$2,054,306	-$2,213,493	-$2,370,422	-$2,525,093	-$2,679,764	-$2,832,177	-$2,982,332	-$3,132,487	-$3,279,925	
	Net Rate Base	$5,135,845	$4,934,150	$4,732,455	$6,532,347	$6,324,024	$6,115,701	$7,908,965	$7,694,014	$7,479,063	$9,265,699	$9,044,120	$8,822,541	$11,014,070	$7,307,923 (D)

2015 GMP Benchmarked Performance

Rank	Peer Group Ferc Ref	State State(s)	2015 $$$ per Customer	2014 $$$ per Customer	2013 $$$ per Customer	Transmission Expense p. 321, ln 112	Transmission of Electricity by Others p. 321, Ln 96	Total Trans Exp less TBO Col (h) - (i)	Distribution p. 322, ln 156	Customer Srvc Total Customer Accounts p. 322, ln 164	Customer Srvc Total Cust Svc & Info Expense p. 323, ln 171	Customer Srvc Total Sales Expense p. 323, ln 178	Total Customer Service Related Col (l) + (m) + (n)	Administrative p. 323, ln 197	Total Customers p. 301, ln 10
1	Emera Maine (Bangor Hydro & ME Public Service) *	Maine	$291	$277	$232	$ (17,907,130)	$ (24,022,972)	$ 6,115,842	$ 16,511,720	$ 7,915,906	$ 223,428	$ -	$ 8,139,334	$ 18,528,799	169,355
2	Unitil Energy Systems, Inc.	NH	$318	$320	$327	$ 25,401,190	$ 24,936,682	$ 464,508	$ 9,010,331	$ 3,697,008	$ 2,469,443	$ -	$ 6,166,451	$ 9,124,580	77,844
3	Maine Public Service Co.*	Maine	$325	$325	$325	$ 2,649,952	$ -	$ 2,649,952	$ 3,606,095	$ 1,754,639	$ 36,435	$ -	$ 1,791,074	$ 3,640,521	36,000
4	MDU Resources	Mont/Dak/WY	$363	$360	$370	$ 13,469,108	$ 4,687,579	$ 8,781,529	$ 15,746,672	$ 4,146,987	$ 253,014	$ 154,353	$ 4,554,354	$ 21,965,677	140,690
5	Green Mountain Power	VT	$371	$386	$400	$ 98,294,767	$ 90,006,769	$ 8,287,998	$ 32,541,326	$ 9,145,056	$ 2,571,740	$ 27,898	$ 11,744,694	$ 43,845,172	260,216
6	Northern States Power Co (WI)	Wis	$393	$387	$386	$ 46,131,267	$ 36,711,609	$ 9,419,658	$ 24,951,094	$ 9,835,156	$ 11,158,306	$ 72,065	$ 21,065,527	$ 44,910,611	255,036
7	Madison Gas & Electric	Wis	$421	$426	$483	$ 36,331,545	$ 36,320,848	$ 10,697	$ 14,140,666	$ 5,368,713	$ 8,158,080	$ 213,568	$ 13,740,361	$ 34,372,618	147,728
8	Granite State Electric Co (Liberty Utilities)	NH	$426	$475	$459	$ 19,673,205	$ 19,117,443	$ 555,762	$ 7,022,450	$ 3,660,224	$ 205,667	$ 48,565	$ 3,914,456	$ 7,132,684	43,705
9	Public Service Company of New Hampshire	NH	$440	$431	$460	$ 33,959,257	$ 22,525,519	$ 11,433,738	$ 64,752,854	$ 34,225,939	$ 16,025,583	$ 23,615	$ 50,275,137	$ 95,308,584	504,071
10	Rochester Gas & Electric **	NY	$508	$508	$545	$ 11,111,872	$ 324,170	$ 10,787,702	$ 46,079,730	$ 27,917,130	$ 46,386,877	$ 2,759,651	$ 77,063,658	$ 55,068,442	372,237
11	The Empire District Electric Co.	Ark	$549	$566	$537	$ 23,667,303	$ 17,720,679	$ 5,946,624	$ 29,022,564	$ 8,624,288	$ 2,986,029	$ 194,682	$ 11,804,999	$ 46,209,166	169,346
12	Western Massachusetts Electric Co	Mass	$622	$630	$653	$ 6,962,115	$ (608,351)	$ 7,570,466	$ 21,811,836	$ 18,278,625	$ 41,900,550	$ 10,048	$ 60,189,223	$ 40,171,484	208,606
13	Black Hills Power, Inc.	SD	$639	$698	$678	$ 23,463,615	$ 19,065,613	$ 4,398,002	$ 9,615,432	$ 3,239,329	$ 1,716,625	$ 3,704	$ 4,959,658	$ 26,140,980	70,560
14	Fitchburg Gas & Electric	Mass	$661	$605	$552	$ 8,025,950	$ 7,378,384	$ 647,566	$ 3,679,956	$ 3,618,779	$ 4,772,160	$ 1,200,563	$ 9,591,502	$ 5,397,362	29,218
15	Otter Tail	Minn, Dak	$685	$695	$675	$ 27,080,231	$ 16,995,586	$ 10,084,645	$ 15,514,298	$ 12,791,342	$ 8,864,128	$ 312,768	$ 21,968,238	$ 42,025,282	130,822
16	Upper Peninsula Power Co	Mich	$718	$555	$555	$ 18,268,616	$ 18,033,546	$ 235,070	$ 13,330,480	$ 3,506,782	$ 2,660,912	$ -	$ 6,167,694	$ 17,555,970	51,942
17	Rockland Electric Company	NJ	$721	$715	$724	$ 2,125,414	$ -	$ 2,125,414	$ 16,292,619	$ 4,839,255	$ 8,953,971	$ 6,162	$ 13,799,388	$ 20,296,250	72,871
19	CH Energy (Central Hudson)	NY	$767	$807	$767	$ 11,511,582	$ 2,190,040	$ 9,321,542	$ 44,593,941	$ 20,136,126	$ 48,387,469	$ 54,384	$ 68,577,979	$ 67,456,885	247,750
18	The United Illuminating Co	CT	$908	$770	$710	$ 139,122,793	$ 93,078,369	$ 46,044,424	$ 98,347,065	$ 47,508,853	$ 44,581,872	$ -	$ 92,090,725	$ 65,125,257	332,221
20	Allete	Minn	$927	$1,000	$921	$ 73,534,084	$ 50,653,854	$ 22,880,230	$ 24,186,895	$ 5,473,122	$ 8,401,534	$ 126,714	$ 14,001,370	$ 73,415,863	145,054

* Bangor Hydro and Maine Public Service merged so we need a new utility in the peer group.

** Rochester Gas & Electric have not filed yet. These are the 2014 figures.

Green Mountain Power
Alternative Regulation Plan Base Rate Filing
2017 Base Rate Adjustment
Description of Methodologies

The summary below describes the methodologies and assumptions underlying the adjustments to Green Mountain Power's ("GMP" or the "Company") base rate filing pursuant to its Alternative Regulation Plan.

The Test Year is April 1, 2015 through March 31, 2016. The Rate Year is the Company's fiscal year ended September 30, 2017. The Company developed the Rate Year Cost of Service ("COS") by making known and measurable adjustments to the Test Year costs and rate base.

CAPITAL STRUCTURE

Based on long-term debt, short-term debt, and common equity, adjusted for projections through the end of the Rate Year of new debt and equity issues and retirements, net income, dividends and other miscellaneous items impacting common equity.

RETURN ON EQUITY

The Company's allowed return on equity effective October 1, 2015 (9.44%) adjusted by 50% of the change in the 10-year Treasury Bill yields to maturity measured over the last 20 trading days ending July 18, 2016. For this draft filing, no change from the allowed ROE of 9.44% currently in rates was projected.

RATE YEAR REVENUE

Based on Rate Year sales and customer forecast incorporating such factors as self-generation, conservation, efficiency, AMI smart meter efficiency, load management and customer growth and reflecting: (1) the elimination of voluntary renewable service rider ("GMP Cow Power™") revenue; (2) any general rate change taking place before the beginning of the Rate Year; (3) revenues from retail customers coming onto or leaving GMP such as acquisitions or customer growth; (4) volume changes included in the retail sales forecast; and (5) rate change applicable to instant docket to reflect that the resulting Rate Year revenue will recover the allowable Rate Year revenue requirement with no change to the Commercial and Industrial Transmission Service Rate. Forecast produced by Itron, Inc.

NON-POWER COST CAP 'NPCC'

The amount of Current Non-Power Cost recoverable in base rates is limited by a NPCC. The level of non-power costs can increase from the level currently allowed in rates by changes to CPI-U Northeast (less a 1% productivity adjustment plus cost incentive adjustment) and adjustments made for Capital Spending, Exogenous Changes and incremental ROE impacts. The Capital Spending adjustment includes incremental changes in ratebase and their ancillary impact on cost of service expenses.

Green Mountain Power
Alternative Regulation Plan Base Rate Filing
2017 Base Rate Adjustment
Description of Methodologies

COST OF SERVICE ADJUSTMENTS

The Cost of Service Adjustments were developed in a manner consistent with traditional Vermont ratemaking principles and consistent with the provisions of GMP's Alternative Regulation Plan.

Purchased Power-net: developed in the same manner as in other recent GMP rate cases, costs are developed using projected Rate Year loads and either contractual or forecast prices and volumes for power. Projected Rate Year information related to energy and capacity prices, unit availability, market prices, etc. are input into a power cost model that simulates ISO New England operations and settlement. A new expense was added this year to better reflect the cost of ISO purchases and sales. Our model does not account for the full impact of hourly (versus monthly net on- and off-peak amounts) interchange on energy costs.

Production Fuel: reflects the cost of fuel used to produce energy from company-owned (whole or joint) units. The price used for Millstone 3 nuclear unit is an estimate of the current fuel-cycle amortization rate. The prices used for Stonybrook, Wyman, and GMP peakers are based on very recent NYMEX futures prices. McNeil's projected price reflects fiscal year 2015 actual prices.

Joint Ownership Costs: O&M and property tax reflect test year.

Transmission by Others: the value for NEPOOL Open Access Transmission Tariff (NOATT) charges is based on projected rates (6/16-5/17 and 6/17-5/18) times projected GMP network loads, less projected NOATT credits for our PTF facilities. The value for FY 2017 VELCO VTA charges is based on a projection of costs from VELCO, adjusted for NOATT, Specific Facility, and other credits. Other TbyO values were projected using recent values or general trends.

ISO-NE and NEPOOL Charges: projections of ISO New England and NEPOOL tariff charges are based on the best available data, including the published rate for the latest period available, which includes part of the rate year for most tariffs

Wholly-Owned Production: the Rate Year is based on the Company's FY2017 Budget projections.

Base O&M: Increase Year 4 (2016) Base O&M platform by CPI-U of 0.6% to arrive at Year 5 (2017) Base O&M platform. There are no other adjustments to the Base O&M platform in this filing. CPI-U reflects 12 months ending March, 2016 using data available as of April 30, 2016.

Green Mountain Power
Alternative Regulation Plan Base Rate Filing
2017 Base Rate Adjustment
Description of Methodologies

Non Base O&M Costs - SmartPower: includes SmartPower O&M Rate Year costs and amortizations and removes incremental Rate Year savings.

Non Base O&M Costs – VMPD Tree Trimming – Danby Line: reflects the Company's expected Rate Year level of costs.

Non Base O&M Costs - Kingdom Community Wind Project (KCW): Rate Year level of Non Power adjustor O&M costs is consistent with Test Year level of expense plus KCW costs charged to Power Supply Adjustor accounts in the Test Year but will be charged to Non Base O&M Costs – KCW in the Rate Year.

Vermont Unemployment: the Rate Year O&M amount was calculated by multiplying the Test Year to Rate Year change in the taxable wage base times the Rate Year number of regular employees multiplied by the O&M allocation factor.

Social Security Taxes: The Test Year to Rate Year percentage change in the number of employees, multiplied by the Test Year O&M Social Security tax to determine the adjustment to Test Year payroll taxes.

Depreciation Expense: reflects the impacts of Interim Period and Rate Year plant in service additions and retirements. The depreciation rates reflect the most recent GMP Depreciation Study that was approved by the Public Service Board.

Federal & State Income Taxes: calculation based on the statutory income tax rate adjusted for permanent differences.

Gross Revenue and Fuel Gross Receipts Taxes: The gross revenue tax is 0.5% of retail electric revenue, other operating revenue and Rec revenue. The fuel gross receipts tax is 0.5% of retail electric revenue. A weighted average rate of 1.04% was calculated and applied to just the rate year retail electric revenue to calculate the rate year gross operating and fuel gross receipts taxes.

Business Development: reflects Test Year level of revenues and expenses.

Community Energy & Efficiency Development Fund Amortization: is the Rate Year amortization for weatherization and thermal efficiency improvements funded by the CEED fund.

Return on Utility Rate Base: weighted average cost of capital applied to the Rate Year 13-month average rate base.

Equity in Earnings of Affiliates: reflects Rate Year equity in earnings of Vermont Yankee, Maine Yankee, Connecticut Yankee, Green Lantern, NE Hydro Trans, NE Hydro Trans Electric, VELCO, VT TRANSCO LLC, and JV-Solar.

Green Mountain Power
Alternative Regulation Plan Base Rate Filing
2017 Base Rate Adjustment
Description of Methodologies

Property Taxes: Rate Year level is developed utilizing an annual escalation factor based on recent trends.

Other Operating Revenue: removes items charged to Other Operating Revenue that were prior-period adjustments or will not be recurring in the Rate Year, and adds items to be charged to Other Operating Revenue in the Rate Year that did not occur in the Test Year.

Reg Assets, Deferred Debits and Reg Liabilities: includes Rate Year amortization of regulatory assets, deferred debits and regulatory liabilities.

Accretion Expense: Includes the rate year expense related to asset retirement obligations.

Credit Facility Fees: Includes Rate Year fees paid for Letter of Credits outstanding under the credit facility and for the un-used portion of the $110 million revolving credit facility.

Non Base O&M Costs – Acct 929 Electric Company Usage Credit: Includes credit for the Rate Year costs of company electric usage that is included in the wholly-owned production expense.

Removal of Regulatory Deferrals in Test Year: Removes the Test Year Regulatory Deferrals associated with Hydro Production Tax Credits and the estimated customer synergies in excess of the amount included in the FY 2016 base rate filing.

RATE BASE ADJUSTMENTS

The Rate Base ("RB") Adjustments were developed in a manner consistent with traditional Vermont ratemaking principles and consistent with the provisions of GMP's Alternative Regulation Plan.

Production: reflects the capital additions and retirements from the end of the Test Year to the beginning of the Rate Year ("Interim Period") and Rate Year capital additions and retirements that meet the documentation requirements as outlined in Attachment 7 of the Alternative Regulation Plan.

Transmission: reflects the Interim Period and Rate Year capital additions and retirements that meet the documentation requirements as outlined in Attachment 7 of the Alternative Regulation Plan.

Green Mountain Power
Alternative Regulation Plan Base Rate Filing
2017 Base Rate Adjustment
Description of Methodologies

Distribution: reflects the Interim Period and Rate Year capital additions and retirements that meet the documentation requirements as outlined in Attachment 7 of the Alternative Regulation Plan.

General: reflects the Interim Period and Rate Year capital additions and retirements that meet the documentation requirements as outlined in Attachment 7 of the Alternative Regulation Plan.

Community Energy & Efficiency Development Fund: the Rate Year 13-month average balance for investments levels identified in the DPS MOU for weatherization improvements and thermal efficiency improvements for those who do not qualify for the weatherization improvements.

Construction Work in Progress: CWIP 13-month average balance, excluding AFUDC projects and excluding those plant items that are not closed to plant before the end of the Rate Year.

Investment in Affiliates: Test Year to Rate Year change in investment balances.

Special Deposits: Test Year 13-month average balance of cash deposits with ISO-NE.

Unamortized Debt Discount and Expense: Rate Year 13-month average balance of unamortized deferred issuance costs for debt securities and capital stock.

Rate Year Millstone 3 Energy and Capacity: Rate Year 13-month average balance of unamortized nuclear replacement energy and capacity costs for the Millstone 3 outage.

Reg Assets, Deferred Debits: Rate Year 13-month average balance of unamortized regulatory assets, deferred debits and regulatory liabilities.

Vtel Contract: Rate Year 13-month average balance of the prepaid Vtel wireless communication net work access fee.

Change in Net Plant Removal Costs: Rate Year 13-month average balance of the net plant removal cost asset created by returning $7M of plant removal costs to customers over 2 years beginning October 1, 2016. This net asset is partially offset by a regulatory liability (253XX-Reg Liab PLANT REMOVAL)

Tax FAS 109: Rate Year 13-month average balance of the FAS 109 net asset. This amount is offset by an amount included in Accumulated Deferred Income taxes.

Working Capital Allowances: Includes Test Year 13-month average balance for Material and Supplies and Prepayments including prepaid property taxes but excluding

prepaid income taxes, Rate Year 13-month average balance for Millstone III Nuclear Fuel and a cash working capital requirement calculated base on a lead-lag study.

Accumulated Depreciation: includes Interim Period and Rate Year retirements and depreciation expense related to current plant balances, plant additions and plant retirements.

Accumulated Deferred Income Taxes: reflects beginning and ending Rate Year average deferred income tax asset and liability balances. Includes the impacts of various Rate Base adjustments and known tax law in effect during the Rate Year.

Accumulated Deferred Investment Tax Credits: Rate Year 13-month average balance of deferred investment tax credits accounted for in accordance with Option 1 of IRC Section 46(f).

Reg Liabilities: Rate Year 13-month average balance of unamortized regulatory liabilities.

Northern Water Res (NWR) – Accounts Payable: Test Year 13-month average balance of the NWR Accounts Payable resulting from NWR losses utilized by GMP and offset by a GMP deferred tax asset.

CIAC: Reflects return of 50% of CIAC tax adder liability to customers in FY17. The CIAC tax adder collected from customers is being recorded to operating income.

SERP: reflects the Rate Year 13-month average Supplemental Executive Retirement Plan liability.

Accrued Pension Expense: Rate Year 13-month average overfunded pension asset.

Accumulated Post-Retirement Medical Expense FAS 106: reflects the Rate Year 13-month average post-retirement medical expense liability.

Accumulated Other Post-Employment Benefit Expense FAS 112: reflects the Rate Year 13-month average for other post-employment benefits expense asset.

Green Mountain Power
Functional Categories of Plant Additions
Interim Fiscal 2016 and Fiscal 2017

$	Q3 2016 (Apr - Jun)	Q4 2016 (Jul - Sep)	Q1 2017 (Oct - Dec)	Q2 2017 (Jan - Mar)	Q3 2017 (Apr - Jun)	Q4 2017 (Jul - Sep)	Total Additions	Retirements	Net Total in Case
Communications	$29,648			$182,629	$43,032	$2,033,712	$2,289,020		$2,289,020
Computer Hardware	$255,866	$3,942,683	$188,539	$638,890	$362,292	$1,790,404	$7,178,673	$4,835,806	$2,342,867
Computer Software	$248,381	$4,959,697	$9,140	$1,967,526	$653,332	$5,987,779	$13,825,855		$13,825,855
Distribution Lines Large Cap	$6,263,394	$6,263,394	$6,358,599	$6,358,599	$6,358,599	$6,358,599	$37,961,184	$5,606,382	$32,354,802
Distribution Substation	$1,166,472	$154,191	$156,534	$2,275,117	$180,634	$4,097,939	$8,030,887	$252,883	$7,778,004
General Plant			$186,439	$108,998			$295,437		$295,437
Hydro - New Hydro Dams					$23,009,217		$23,009,217		$23,009,217
Jt Ownership		$1,691,593				$1,707,409	$3,399,002	$340,891	$3,058,111
Kingdom Community Wind		$63,057					$63,057		$63,057
Meters	$150,026	$150,026	$152,307	$152,307	$152,307	$152,307	$909,280	$150,000	$759,280
Production	$135,866	$1,172,371	$9,639,028	$14,219,991	$471,241	$2,854,152	$28,492,649	$822,138	$27,670,511
Property & Structures	$510,313	$1,863,134		$106,710	$1,655,702	$1,662,756	$5,798,616	$395,671	$5,402,945
Regulators and Capacitors		$785,183				$797,118	$1,582,301	$16,930	$1,565,371
Solar	$85,821	$3,407,871	$2,004,901	$2,004,901	$2,004,901	$2,417,106	$11,925,501		$11,925,501
Transformers	$862,115	$862,115	$875,219	$875,219	$875,219	$875,219	$5,225,106	$56,124	$5,168,982
Transmission Lines	$877,248	$1,554,757	$1,855,091	$311,310	$503,147	$502,316	$5,603,869	$218,970	
Transmission Substations	$676,418	$70,255			$1,235,046	$2,264,940	$4,246,659	$339,461	
Transportation		$3,721,592		$169,466	$346,470	$4,306,591	$8,544,119	$1,700,000	
Vermont Marble - Hydro			$1,142,710		$13,229,776		$14,372,486	$985,000	
Vermont Marble - Transmission Lines		$1,438,642					$1,438,642	$250,000	
Wind Generation			$531,778				$531,778		
Transportation							$0		$0
Total	$11,261,567	$32,100,561	$23,100,286	$29,371,663	$51,080,916	$37,808,347	$184,723,339	$15,970,256	$168,753,083

Green Mountain Power

FY 2017 Alt Reg Capital Project Listing

PRODUCTION

Construction Summary by Category and Project								
Functional Category	**Project**	**Addition**	**Retirement**	**In Service Month**	**In Service Date**	**Month**	**Fiscal Qtr**	**Cal Year**
Production	148899: Lamoille FERC Oblig	258,769		Aug 2017	8/1/2016	8	Q4 2017	2017
Production	141779: Middlesex U1 U2	1,299,883	34,600	Dec 2016	12/1/2016	12	Q1 2017	2016
Production	143343: Clark Falls Electrical Modernization	1,837,797	175,000	Dec 2016	12/1/2016	12	Q1 2017	2016
Production	143362: Glen Penstock & Trashracks	4,053,031	100,000	Dec 2016	12/1/2016	12	Q1 2017	2016
Production	143338: Bolton Falls Electrical Modernization	1,639,436	152,000	Feb 2017	2/1/2016	2	Q2 2017	2017
Production	148857: Smith Gearbox	70,591	20,000	Jan 2017	1/1/2016	1	Q2 2017	2017
Production	148890: Panton Grid Scale Energy Storage	3,028,069		Jan 2017	1/1/2016	1	Q2 2017	2017
Production	141780: Peacham Pond Level Indicator	59,541		Jul 2016	7/1/2016	7	Q4 2016	2016
Production	143389: Berlin PLC & HMI Upgrades	471,241	75,000	Jun 2017	6/1/2017	6	Q3 2017	2017
Production	143344: eFarm - St. Albans	9,481,896		Mar 2017	3/1/2017	3	Q2 2017	2017
Production	145353: Milton Solar	135,866		May 2016	5/1/2016	5	Q3 2016	2016
Production	143355: 2016 Essex Transfrmr Contain	307,816	8,000	Nov 2016	11/1/2016	11	Q1 2017	2016
Production	143387: Ascutney GT HMI/PLC Upgrages	470,905	75,000	Nov 2016	11/1/2016	11	Q1 2017	2016
Production	143369: Passumpic Fish Passage & Portage Access Improvements	449,685		Oct 2016	10/1/2016	10	Q1 2017	2016
Production	143375: Silver Lake Generator Rewind	297,335	61,000	Oct 2016	10/1/2016	10	Q1 2017	2016
Production	143376: Silver Lake Goshen Spillway, Itake Rack and Diversion Dam Trashrack	884,449	32,000	Oct 2016	10/1/2016	10	Q1 2017	2016
Production	148862: Marshfield Lube Oil Upgrade	38,126		Oct 2016	10/1/2016	10	Q1 2017	2016
Production	Generation Upgrades	281,290	18,987	Sep 2016	9/1/2016	9	Q4 2016	2016
Production	143356: Fairfax Bearing	97,134	5,000	Sep 2016	9/1/2016	9	Q4 2016	2016
Production	143374: Salisbury Penstock Replacement at Bridge	592,695	10,000	Sep 2016	9/1/2016	9	Q4 2016	2016
Production	143378: 2016 Weybridge Gate Upgrades	83,318	17,000	Sep 2016	9/1/2016	9	Q4 2016	2016
Production	148851: Ascutney Standby Generator	58,393		Sep 2016	9/1/2016	9	Q4 2016	2016
Production	2017 150kW eFarm 1	2,024,252		Sep 2017	9/1/2017	9	Q4 2017	2017
Production	Generation Upgrades	571,131	38,551	Sep 2017	9/1/2017	9	Q4 2017	2017
Hydro - New Hydro Dams	Generation Purchase	23,009,217		May 2017	5/1/2017	5	Q3 2017	2017
Kingdom Community Wind	148853: KCW Reveg Phase II	63,057		Sep 2016	9/1/2016	9	Q4 2016	2016
Vermont Marble - Hydro	148861: Huntington U1 & U2 Modernization	6,739,537	700,000	Apr 2017	4/1/2016	4	Q3 2017	2017
Vermont Marble - Hydro	148898: Otter Creek FERC Oblig	209,980		Apr 2017	4/1/2016	4	Q3 2017	2017
Vermont Marble - Hydro	148858: Huntington Substation Upgrades	734,368	15,000	Dec 2016	12/1/2016	12	Q1 2017	2016
Vermont Marble - Hydro	148860: Huntington U3 & Intake Modernization	6,280,259	220,000	May 2017	5/1/2017	5	Q3 2017	2017
Vermont Marble - Hydro	143336: Belden Hydraulic Grapple & Ferc Rec Improvements	141,303		Oct 2016	10/1/2016	10	Q1 2017	2016
Vermont Marble - Hydro	148852: Proctor Recreational Improvements	157,773		Oct 2016	10/1/2016	10	Q1 2017	2016
Vermont Marble - Hydro	148855: Beldens #3 Excitation Upgrade	109,267	50,000	Oct 2016	10/1/2016	10	Q1 2017	2016
Wind Generation	143579: 2016 NPS 100 Wind Turbine	531,778		Nov 2016	11/1/2016	11	Q1 2017	2016
		66,469,188	1,807,138					

Green Mountain Power

FY 2017 Alt Reg Capital Project Listing

JOINT OWNERSHIP

Construction Summary by Category and Project								
Functional Category	**Project**	**Addition**	**Retirement**	**In Service Month**	**In Service Date**	**Month**	**Fiscal Qtr**	**Cal Year**
Jt Ownership	120024: Stony Brook	85,122	8,512	Sep 2016	9/1/2016	9	Q4 2016	2016
Jt Ownership	143142: Wyman-2015	25,037	2,504	Sep 2016	9/1/2016	9	Q4 2016	2016
Jt Ownership	145122: Millstone Joint Owned	651,068	65,107	Sep 2016	9/1/2016	9	Q4 2016	2016
Jt Ownership	145123: McNeil Joint Owned	285,340	28,534	Sep 2016	9/1/2016	9	Q4 2016	2016
Jt Ownership	145124: Highgate Joint Owned	645,026	64,503	Sep 2016	9/1/2016	9	Q4 2016	2016
Jt Ownership	120024: Stony Brook	86,416	8,642	Sep 2017	9/1/2017	9	Q4 2017	2017
Jt Ownership	143142: Wyman-2015	25,418	2,542	Sep 2017	9/1/2017	9	Q4 2017	2017
Jt Ownership	145122: Millstone Joint Owned	651,068	66,096	Sep 2017	9/1/2017	9	Q4 2017	2017
Jt Ownership	145123: McNeil Joint Owned	289,677	28,968	Sep 2017	9/1/2017	9	Q4 2017	2017
Jt Ownership	145124: Highgate Joint Owned	654,830	65,483	Sep 2017	9/1/2017	9	Q4 2017	2017
		3,399,002	340,891					

Green Mountain Power

FY 2017 Alt Reg Capital Project Listing

TRANSMISSION AND DISTRIBUTION

Construction Summary by Category and Project								
Functional Category	Project	Addition	Retirement	In Service Month	In Service Date	Month	Fiscal Qtr	Cal Year
Distribution Lines Large Cap	Distribution Lines	2,087,798	308,341	Apr 2016	4/1/2016	4	Q3 2016	2016
Distribution Lines Large Cap	Distribution Lines	2,119,533	313,028	Apr 2017	4/1/2016	4	Q3 2017	2017
Distribution Lines Large Cap	Distribution Lines	2,087,798	308,341	Aug 2016	8/1/2016	8	Q4 2016	2016
Distribution Lines Large Cap	Distribution Lines	2,119,533	313,028	Aug 2017	8/1/2016	8	Q4 2017	2017
Distribution Lines Large Cap	Distribution Lines	2,119,533	313,028	Dec 2016	12/1/2016	12	Q1 2017	2016
Distribution Lines Large Cap	Distribution Lines	2,119,533	313,028	Feb 2017	2/1/2016	2	Q2 2017	2017
Distribution Lines Large Cap	Distribution Lines	2,119,533	313,028	Jan 2017	1/1/2016	1	Q2 2017	2017
Distribution Lines Large Cap	Distribution Lines	2,087,798	308,341	Jul 2016	7/1/2016	7	Q4 2016	2016
Distribution Lines Large Cap	Distribution Lines	2,119,533	313,028	Jul 2017	7/1/2016	7	Q4 2017	2017
Distribution Lines Large Cap	Distribution Lines	2,087,798	308,341	Jun 2016	6/1/2016	6	Q3 2016	2016
Distribution Lines Large Cap	Distribution Lines	2,119,533	313,028	Jun 2017	6/1/2017	6	Q3 2017	2017
Distribution Lines Large Cap	Distribution Lines	2,119,533	313,028	Mar 2017	3/1/2017	3	Q2 2017	2017
Distribution Lines Large Cap	Distribution Lines	2,087,798	308,341	May 2016	5/1/2016	5	Q3 2016	2016
Distribution Lines Large Cap	Distribution Lines	2,119,533	313,028	May 2017	5/1/2017	5	Q3 2017	2017
Distribution Lines Large Cap	Distribution Lines	2,119,533	313,028	Nov 2016	11/1/2016	11	Q1 2017	2016
Distribution Lines Large Cap	Distribution Lines	2,119,533	313,028	Oct 2016	10/1/2016	10	Q1 2017	2016
Distribution Lines Large Cap	Distribution Lines	2,087,798	308,341	Sep 2016	9/1/2016	9	Q4 2016	2016
Distribution Lines Large Cap	Distribution Lines	2,119,533	313,028	Sep 2017	9/1/2017	9	Q4 2017	2017
Distribution Substation	141723 - Distribution Minor Additions	51,397	8,137	Apr 2016	4/1/2016	4	Q3 2016	2016
Distribution Substation	143308: 15/28MVA 69/46-12.47kV Spare Transformer	450,552		Apr 2016	4/1/2016	4	Q3 2016	2016
Distribution Substation	141723 - Distribution Minor Additions	52,178	8,261	Apr 2017	4/1/2016	4	Q3 2017	2017
Distribution Substation	148602: Randolph Center Substation Security	24,100		Apr 2017	4/1/2016	4	Q3 2017	2017
Distribution Substation	141723 - Distribution Minor Additions	51,397	8,137	Aug 2016	8/1/2016	8	Q4 2016	2016
Distribution Substation	141615: Haystack Substation - INTERIM	3,701,542		Aug 2017	8/1/2016	8	Q4 2017	2017
Distribution Substation	141723 - Distribution Minor Additions	52,178	8,261	Aug 2017	8/1/2016	8	Q4 2017	2017
Distribution Substation	141723 - Distribution Minor Additions	52,178	8,261	Dec 2016	12/1/2016	12	Q1 2017	2016
Distribution Substation	141723 - Distribution Minor Additions	52,178	8,261	Feb 2017	2/1/2016	2	Q2 2017	2017
Distribution Substation	143292: Graniteville Substation Rebuild	1,752,326	104,929	Jan 2016	1/1/2016	1	Q2 2017	2016
Distribution Substation	141723 - Distribution Minor Additions	52,178	8,261	Jan 2017	1/1/2016	1	Q2 2017	2017
Distribution Substation	148596: Sharon Substation Rebuild - GMP	366,257		Jan 2017	1/1/2016	1	Q2 2017	2017
Distribution Substation	141723 - Distribution Minor Additions	51,397	8,137	Jul 2016	7/1/2016	7	Q4 2016	2016
Distribution Substation	141723 - Distribution Minor Additions	52,178	8,261	Jul 2017	7/1/2016	7	Q4 2017	2017
Distribution Substation	135213: South Shaftbury RTU (@ sub) & Security - INTERIM	88,176		Jun 2016	6/1/2016	6	Q3 2016	2016
Distribution Substation	141723 - Distribution Minor Additions	51,397	8,137	Jun 2016	6/1/2016	6	Q3 2016	2016
Distribution Substation	143295: Substation Security - Montpelier	62,401		Jun 2016	6/1/2016	6	Q3 2016	2016
Distribution Substation	143309: 15/28MVA 34.5-12.47kV Spare Transformer - INTERIM	411,152		Jun 2016	6/1/2016	6	Q3 2016	2016
Distribution Substation	141723 - Distribution Minor Additions	52,178	8,261	Jun 2017	6/1/2017	6	Q3 2017	2017
Distribution Substation	141723 - Distribution Minor Additions	52,178	8,261	Mar 2017	3/1/2017	3	Q2 2017	2017
Distribution Substation	141723 - Distribution Minor Additions	51,397	8,137	May 2016	5/1/2016	5	Q3 2016	2016
Distribution Substation	141723 - Distribution Minor Additions	52,178	8,261	May 2017	5/1/2017	5	Q3 2017	2017
Distribution Substation	141723 - Distribution Minor Additions	52,178	8,261	Nov 2016	11/1/2016	11	Q1 2017	2016
Distribution Substation	141723 - Distribution Minor Additions	52,178	8,261	Oct 2016	10/1/2016	10	Q1 2017	2016
Distribution Substation	141723 - Distribution Minor Additions	51,397	8,137	Sep 2016	9/1/2016	9	Q4 2016	2016
Distribution Substation	141723 - Distribution Minor Additions	52,178	8,261	Sep 2017	9/1/2017	9	Q4 2017	2017
Distribution Substation	143601: 5MVA 46-34.5/12.47kV Spare Transformer - Interim	239,863		Sep 2017	9/1/2017	9	Q4 2017	2017
Meters	148953: 2017 Meter Purchases	152,307	25,000	Dec 2016	12/1/2016	12	Q1 2017	2016
Meters	143663: 2016 Meter Purchases	150,026	25,000	Jun 2016	6/1/2016	6	Q3 2016	2016
Meters	148953: 2017 Meter Purchases	152,307	25,000	Jun 2017	6/1/2017	6	Q3 2017	2017
Meters	148953: 2017 Meter Purchases	152,307	25,000	Mar 2017	3/1/2017	3	Q2 2017	2017
Meters	143663: 2016 Meter Purchases	150,026	25,000	Sep 2016	9/1/2016	9	Q4 2016	2016
Meters	148953: 2017 Meter Purchases	152,307	25,000	Sep 2017	9/1/2017	9	Q4 2017	2017
Regulators and Capacitors	141719: Regulators and capacitors	785,183	8,401	Sep 2016	9/1/2016	9	Q4 2016	2016
Regulators and Capacitors	141719: Regulators and capacitors	797,118	8,529	Sep 2017	9/1/2017	9	Q4 2017	2017
Transformers	141720: Distribution Transformers Install	875,219	9,401	Dec 2016	12/1/2016	12	Q1 2017	2016
Transformers	141720: Distribution Transformers Install	862,115	9,260	Jun 2016	6/1/2016	6	Q3 2016	2016
Transformers	141720: Distribution Transformers Install	875,219	9,401	Jun 2017	6/1/2017	6	Q3 2017	2017
Transformers	141720: Distribution Transformers Install	875,219	9,401	Mar 2017	3/1/2017	3	Q2 2017	2017
Transformers	141720: Distribution Transformers Install	862,115	9,260	Sep 2016	9/1/2016	9	Q4 2016	2016
Transformers	141720: Distribution Transformers Install	875,219	9,401	Sep 2017	9/1/2017	9	Q4 2017	2017
Transmission Lines	141721: Transmission Minor Additions	102,217	2,143	Apr 2016	4/1/2016	4	Q3 2016	2016
Transmission Lines	141721: Transmission Minor Additions	103,770	2,176	Apr 2017	4/1/2016	4	Q3 2017	2017
Transmission Lines	143180: Reconductoring: Line 69 (E. Midd to Smead Rd)	191,837	20,000	Apr 2017	4/1/2016	4	Q3 2017	2017
Transmission Lines	141721: Transmission Minor Additions	102,217	2,143	Aug 2016	8/1/2016	8	Q4 2016	2016
Transmission Lines	143570: Fiber to Marshfield Dam	187,564		Aug 2016	8/1/2016	8	Q4 2016	2016
Transmission Lines	141721: Transmission Minor Additions	103,770	2,176	Aug 2017	8/1/2016	8	Q4 2017	2017
Transmission Lines	143989: Haystack Fiber	97,384		Aug 2017	8/1/2016	8	Q4 2017	2017
Transmission Lines	141721: Transmission Minor Additions	103,770	2,176	Dec 2016	12/1/2016	12	Q1 2017	2016
Transmission Lines	147273 : Ascutney to Claremont Partial Reconductor	1,182,351	50,000	Dec 2016	12/1/2016	12	Q1 2017	2016
Transmission Lines	147379: Haystack Transmission	361,430	50,000	Dec 2016	12/1/2016	12	Q1 2017	2016
Transmission Lines	141721: Transmission Minor Additions	103,770	2,176	Feb 2017	2/1/2016	2	Q2 2017	2017
Transmission Lines	141721: Transmission Minor Additions	103,770	2,176	Jan 2017	1/1/2016	1	Q2 2017	2017
Transmission Lines	141721: Transmission Minor Additions	102,217	2,143	Jul 2016	7/1/2016	7	Q4 2016	2016
Transmission Lines	147274: Claremont to Charlestown Partial Reconductor	380,311	40,000	Jul 2016	7/1/2016	7	Q4 2016	2016
Transmission Lines	141721: Transmission Minor Additions	103,770	2,176	Jul 2017	7/1/2016	7	Q4 2017	2017
Transmission Lines	148604: Wyeth Tap RTU	50,888		Jul 2017	7/1/2016	7	Q4 2017	2017
Transmission Lines	148605: Silk Road Tap RTU	42,734		Jul 2017	7/1/2016	7	Q4 2017	2017

Transmission Lines	135211: Sherburn Tap SCADA	464,670		Jun 2016	6/1/2016	6	Q3 2016	2016
Transmission Lines	141721: Transmission Minor Additions	102,217	2,143	Jun 2016	6/1/2016	6	Q3 2016	2016
Transmission Lines	141721: Transmission Minor Additions	103,770	2,176	Jun 2017	6/1/2017	6	Q3 2017	2017
Transmission Lines	141721: Transmission Minor Additions	103,770	2,176	Mar 2017	3/1/2017	3	Q2 2017	2017
Transmission Lines	141721: Transmission Minor Additions	102,217	2,143	May 2016	5/1/2016	5	Q3 2016	2016
Transmission Lines	143506: Husky Tap RTU	50,631		May 2016	5/1/2016	5	Q3 2016	2016
Transmission Lines	143507: North Elm Tap RTU	55,296		May 2016	5/1/2016	5	Q3 2016	2016
Transmission Lines	141721: Transmission Minor Additions	103,770	2,176	May 2017	5/1/2017	5	Q3 2017	2017
Transmission Lines	141721: Transmission Minor Additions	103,770	2,176	Nov 2016	11/1/2016	11	Q1 2017	2016
Transmission Lines	141721: Transmission Minor Additions	103,770	2,176	Oct 2016	10/1/2016	10	Q1 2017	2016
Transmission Lines	141721: Transmission Minor Additions	102,217	2,143	Sep 2016	9/1/2016	9	Q4 2016	2016
Transmission Lines	145182: Gilman Tap MOAB	319,987		Sep 2016	9/1/2016	9	Q4 2016	2016
Transmission Lines	148773: Rock of Ages Line 3306	186,598	10,000	Sep 2016	9/1/2016	9	Q4 2016	2016
Transmission Lines	148776: Graniteville Line 3305	173,647	10,000	Sep 2016	9/1/2016	9	Q4 2016	2016
Transmission Lines	141721: Transmission Minor Additions	103,770	2,176	Sep 2017	9/1/2017	9	Q4 2017	2017
Transmission Substations	138415: HSCAT 3325 PUTT	37,482		Apr 2016	4/1/2016	4	Q3 2016	2016
Transmission Substations	143584: Line VT Replacements	88,443	1,000	Apr 2016	4/1/2016	4	Q3 2016	2016
Transmission Substations	143454: VELCO Hartford H82 Breaker Replacement	537,347		Apr 2017	4/1/2016	4	Q3 2017	2017
Transmission Substations	138411: HSCAT 3303 87L	22,830		Aug 2016	8/1/2016	8	Q4 2016	2016
Transmission Substations	135212: South Shaftbury SCADA MOAB 426 & 222 (RTU upgrade) - INTER	23,623		Jun 2016	6/1/2016	6	Q3 2016	2016
Transmission Substations	148601: Ascutney Substation Security	91,563		Jun 2017	6/1/2017	6	Q3 2017	2017
Transmission Substations	148603: Digital #43 Substation Security	63,726		Jun 2017	6/1/2017	6	Q3 2017	2017
Transmission Substations	149349: Spare 46-34.5kV 20MVA Autotransformer	417,977		Jun 2017	6/1/2017	6	Q3 2017	2017
Transmission Substations	138423: HSCAT 3304 Putt	131,296		May 2016	5/1/2016	5	Q3 2016	2016
Transmission Substations	143299: Transmission Breaker Change out Digital 3330 & 3332 - INTERIM	239,241	273,384	May 2016	5/1/2016	5	Q3 2016	2016
Transmission Substations	143301: Transmission Breaker Change out Cavendish B-17 - INTERIM	156,333	37,077	May 2016	5/1/2016	5	Q3 2016	2016
Transmission Substations	138419: HSCAT 3312 87L	45,079		May 2017	5/1/2017	5	Q3 2017	2017
Transmission Substations	138422: HSCAT 3313 PUTT	79,353		May 2017	5/1/2017	5	Q3 2017	2017
Transmission Substations	143311: VELCO Irasburg H14 Relay Replacement	47,424		Sep 2016	9/1/2016	9	Q4 2016	2016
Transmission Substations	148592: VEC Cambridge Substation	1,290,189		Sep 2017	9/1/2017	9	Q4 2017	2017
Transmission Substations	148598: Marble street substation reconductor	31,385	3,000	Sep 2017	9/1/2017	9	Q4 2017	2017
Transmission Substations	149351: Lowell Substation Upgrades	943,367	25,000	Sep 2017	9/1/2017	9	Q4 2017	2017
Vermont Marble - Transmission Lines	147380: 2016 Marble Street to Danby Reconstruction	1,438,642	250,000	Sep 2016	9/1/2016	9	Q4 2016	2016
		64,997,928	6,890,750					

Green Mountain Power
FY 2017 Alt Reg Capital Project Listing

GENERAL PLANT

Construction Summary by Category and Project								
Functional Category	**Project**	**Addition**	**Retirement**	**In Service Month**	**In Service Date**	**Month**	**Fiscal Qtr**	**Cal Year**
General Plant	149614 - Fiber Trailer	27,557		Dec 2016	12/1/2016	12	Q1 2017	2016
General Plant	146701 Meter Test Boards: 146701 Meter Test Boards	136,964		Dec 2016	12/1/2016	12	Q1 2017	2016
General Plant	149612 - CMC 356 Test Set.107: CMC 356 Test Set	108,998		Jan 2017	1/1/2016	1	Q2 2017	2017
General Plant	149613 - EZCT 2000 Test Set.107: EZCT 2000 Test Set	21,918		Nov 2016	11/1/2016	11	Q1 2017	2016
Transportation	143545 Fuel Management System: 143545 Fuel Management S	50,596		Apr 2017	4/1/2016	4	Q3 2017	2017
Transportation	143561: 2016 Pur Buckets and Diggers	3,008,385	600,000	Aug 2016	8/1/2016	8	Q4 2016	2016
Transportation	149010: 2016 Relay and EMAC Trucks	713,206	100,000	Aug 2016	8/1/2016	8	Q4 2016	2016
Transportation	148958: 2017 Bucket and Digger Trucks	2,996,260	600,000	Jul 2017	7/1/2016	7	Q4 2017	2017
Transportation	148962: Purchase Tracked Vehicle	295,874		Jun 2017	6/1/2017	6	Q3 2017	2017
Transportation	148961: 2017 Purchase Trailers	169,466		Mar 2017	3/1/2017	3	Q2 2017	2017
Transportation	148959: 2017 Small Vehicles	1,310,331	400,000	Sep 2017	9/1/2017	9	Q4 2017	2017
		8,839,556	1,700,000					

Green Mountain Power
FY 2017 Alt Reg Capital Project Listing

PROPERTY & STRUCTURES

Construction Summary by Category and Project								
Functional Category	**Project**	**Addition**	**Retirement**	**In Service Month**	**In Service Date**	**Month**	**Fiscal Qtr**	**Cal Year**
Property & Structures	146154: St J Cold Storage Heat	37,181		Apr 2016	4/1/2016	4	Q3 2016	2016
Property & Structures	149187: Hartford Real Estate Purchase	473,132		Apr 2016	4/1/2016	4	Q3 2016	2016
Property & Structures	143630: Montpelier Renovation	977,109	50,000	Apr 2017	4/1/2016	4	Q3 2017	2017
Property & Structures	148730: Colchester Fire Suppression	30,611	17,582	Apr 2017	4/1/2016	4	Q3 2017	2017
Property & Structures	143577: White River District Pavement install	366,782	73,386	Aug 2016	8/1/2016	8	Q4 2016	2016
Property & Structures	148723: St. Johnsbury Cold Storage Building	168,649		Aug 2017	8/1/2016	8	Q4 2017	2017
Property & Structures	143315: St Albans lighting upgrade	27,968	15,000	Feb 2017	2/1/2016	2	Q2 2017	2017
Property & Structures	148728: Conference Room at O.H.	5,267		Jan 2017	1/1/2016	1	Q2 2017	2017
Property & Structures	148781: St Johnsbury Fuel Island Replacement	55,076	20,000	Jan 2017	1/1/2016	1	Q2 2017	2017
Property & Structures	148725: Springfield unit heaters	15,175	12,000	Jul 2017	7/1/2016	7	Q4 2017	2017
Property & Structures	148736: Montpelier Roof Replacement	10,329	406	Jul 2017	7/1/2016	7	Q4 2017	2017
Property & Structures	148806: Purchase Land in West Rutland	98,843		Jul 2017	7/1/2016	7	Q4 2017	2017
Property & Structures	143555: EMF-Oil Filled Equipment Containment Area	43,084	8,000	Jun 2017	6/1/2017	6	Q3 2017	2017
Property & Structures	148731: Sunderland Fire Alarm	18,401	5,000	Mar 2017	3/1/2017	3	Q2 2017	2017
Property & Structures	148805: Montpelier Transportation Lift	187,119	35,000	May 2017	5/1/2017	5	Q3 2017	2017
Property & Structures	148835: Colchester Control Center	394,062	18,000	May 2017	5/1/2017	5	Q3 2017	2017
Property & Structures	148837: RDSC Cooling Tower	23,717	21,297	May 2017	5/1/2017	5	Q3 2017	2017
Property & Structures	143162: 2016 Facilities Blanket	91,026	12,500	Sep 2016	9/1/2016	9	Q4 2016	2016
Property & Structures	143576: Colchester Data Center	1,405,326		Sep 2016	9/1/2016	9	Q4 2016	2016
Property & Structures	143539: Purchase Land for Burl Sub	543,866		Sep 2017	9/1/2017	9	Q4 2017	2017
Property & Structures	143540: Purchase Land Hinesburg	98,843		Sep 2017	9/1/2017	9	Q4 2017	2017
Property & Structures	148724: Royalton Cold Storage Facility	170,460		Sep 2017	9/1/2017	9	Q4 2017	2017
Property & Structures	148732: 2017 Facilities Blanket	184,818	25,000	Sep 2017	9/1/2017	9	Q4 2017	2017
Property & Structures	148734: Springfield Roof	354,343	70,000	Sep 2017	9/1/2017	9	Q4 2017	2017
Property & Structures	148838: Saint Albans HVAC	17,430	12,500	Sep 2017	9/1/2017	9	Q4 2017	2017
		5,798,616	395,671					

Green Mountain Power
FY 2017 Alt Reg Capital Project Listing

INFORMATION TECHNOLOGY

Construction Summary by Category and Project								
Functional Category	**Project**	**Addition**	**Retirement**	**In Service Month**	**In Service Date**	**Month**	**Fiscal Qtr**	**Cal Year**
Communications	148581: 2017 Sec Camera Chit Dam	13,464		Apr 2017	4/1/2016	4	Q3 2017	2017
Communications	148587: Parallel Protect Device	182,629		Feb 2017	2/1/2016	2	Q2 2017	2017
Communications	143692: RNMS	29,648		May 2016	5/1/2016	5	Q3 2016	2016
Communications	148580: Security cameras-OH	29,568		May 2017	5/1/2017	5	Q3 2017	2017
Communications	148528: Elster Outage Enhance	990,354		Sep 2017	9/1/2017	9	Q4 2017	2017
Communications	148549: Conversion to VTEL	1,003,877		Sep 2017	9/1/2017	9	Q4 2017	2017
Communications	148919: Lowell Wind cameras	39,481		Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Hardware	148515: 2017 PWNIE Express	9,036		Dec 2016	12/1/2016	12	Q1 2017	2016
Computer Hardware	148551: 2017 Digital Fault Recorders	35,072		Dec 2016	12/1/2016	12	Q1 2017	2016
Computer Hardware	148552: 2017 Montpelier NetApp Rep	54,358		Dec 2016	12/1/2016	12	Q1 2017	2016
Computer Hardware	148474: 2017 Cell Amp Sys Districts	175,913		Feb 2017	2/1/2016	2	Q2 2017	2017
Computer Hardware	148493: ISO New England RTU	162,046		Feb 2017	2/1/2016	2	Q2 2017	2017
Computer Hardware	148517: SCADA DMZ Server Rplmnt	47,393		Feb 2017	2/1/2016	2	Q2 2017	2017
Computer Hardware	148513: 2017 Portable Radios	71,289		Jan 2017	1/1/2016	1	Q2 2017	2017
Computer Hardware	148516: Radio Infrastruct Upgrade	44,743		Jan 2017	1/1/2016	1	Q2 2017	2017
Computer Hardware	148521: Security Subsystems	137,505		Jan 2017	1/1/2016	1	Q2 2017	2017
Computer Hardware	143267: Electronic Signage	81,773		Jul 2016	7/1/2016	7	Q4 2016	2016
Computer Hardware	143202: Upgrade Wireless Controllers	45,985		Jul 2017	7/1/2016	7	Q4 2017	2017
Computer Hardware	148522: 2017 Server Replacements	310,797		Jul 2017	7/1/2016	7	Q4 2017	2017
Computer Hardware	149202: 2016 Internal Cloud Infra	241,677		Jun 2016	6/1/2016	6	Q3 2016	2016
Computer Hardware	143212: Replace Rutland Internet Routers	14,189		May 2016	5/1/2016	5	Q3 2016	2016
Computer Hardware	148484: 2017 Dist Server Tech	56,776		May 2017	5/1/2017	5	Q3 2017	2017
Computer Hardware	148519: SCADA Network IDS	305,516		May 2017	5/1/2017	5	Q3 2017	2017
Computer Hardware	148987: 2017 Exadata Memory Upgrade	90,074		Nov 2016	11/1/2016	11	Q1 2017	2016
Computer Hardware	141673: Colchester Visualization	1,404,189		Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Hardware	143200: Core Network Upgrade	983,930		Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Hardware	143211: Cell Boosting	410,561		Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Hardware	143262: Technology Device Refresh	313,412		Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Hardware	143263: Misc. IT Blanket 2016	176,755		Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Hardware	148414: 2016 Col New Datacenter Tech	572,063		Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Hardware	Office and Equipment General Amort		121,536	Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Hardware	Computer Equipment Amort		742,389	Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Hardware	Stores Amort		108,395	Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Hardware	Tools, Shop and Equipment Amort		125,214	Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Hardware	Laboratory Equipment Amort		21,779	Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Hardware	Communications Equipm Amort		445,624	Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Hardware	143206: Replace Video Conferencing	286,772		Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Hardware	148475: 2017 Cell Amp Sys P & S	101,687		Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Hardware	148494: 2017 IT Blanket	358,882		Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Hardware	148511: 2017 Plant Networking	135,402		Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Hardware	148512: 2017 Plant Wireless Networking	32,652		Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Hardware	148524: 2017 Technology Refresh	518,227		Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Hardware	Office and Equipment General Amort		56,743	Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Hardware	Computer Equipment Amort		2,610,215	Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Hardware	Stores Amort		28,070	Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Hardware	Tools, Shop and Equipment Amort		44,804	Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Hardware	Laboratory Equipment Amort		74,365	Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Hardware	Communications Equipm Amort		454,187	Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Hardware	Miscellaneous Equipment Amort		2,485	Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Software	148473: 2017 BI for Renew Energy Cr	127,605		Apr 2017	4/1/2016	4	Q3 2017	2017
Computer Software	148499: ODM System Enhancements	47,421		Apr 2017	4/1/2016	4	Q3 2017	2017
Computer Software	148526: 2017 Veg Mgmt Software	308,160		Apr 2017	4/1/2016	4	Q3 2017	2017
Computer Software	143682: NRG Simply Smart Enh	330,697		Aug 2016	8/1/2016	8	Q4 2016	2016
Computer Software	148983: 2017 Field Observations and Inspections	5,914		Dec 2016	12/1/2016	12	Q1 2017	2016
Computer Software	148985: eBenefits Marketplace - HR Intelligence	3,226		Dec 2016	12/1/2016	12	Q1 2017	2016
Computer Software	148492: 2017 GMP Web Framework	153,504		Feb 2017	2/1/2016	2	Q2 2017	2017
Computer Software	148498: 2017 Network Monitor Utility	4,846		Feb 2017	2/1/2016	2	Q2 2017	2017
Computer Software	148527: 2017 Work Mgmt Enhance	162,436		Feb 2017	2/1/2016	2	Q2 2017	2017
Computer Software	148555: VDI POD Architecture	287,397		Feb 2017	2/1/2016	2	Q2 2017	2017
Computer Software	148576: 2017 Print Server Upgrade	24,188		Feb 2017	2/1/2016	2	Q2 2017	2017
Computer Software	148584: Salesforce - Phase II	43,012		Feb 2017	2/1/2016	2	Q2 2017	2017
Computer Software	148585: Asset Designer for iPad	90,848		Feb 2017	2/1/2016	2	Q2 2017	2017
Computer Software	148586: 2017 EBS Fixed Asset Enhance	46,249		Feb 2017	2/1/2016	2	Q2 2017	2017
Computer Software	148845: 2017 EBS 106 Comp	212,682		Feb 2017	2/1/2016	2	Q2 2017	2017
Computer Software	148495: 2017 Logsheet Enhance	31,184		Jan 2017	1/1/2016	1	Q2 2017	2017
Computer Software	148501: 2017 EBS Upgrade & Enhance	490,092		Jan 2017	1/1/2016	1	Q2 2017	2017
Computer Software	148589: 2017 Splunk Log Monitoring	37,109		Jan 2017	1/1/2016	1	Q2 2017	2017
Computer Software	143208: Zeacom Upgrade	56,519		Jul 2016	7/1/2016	7	Q4 2016	2016
Computer Software	143259: Light Notice App Solution	452,373		Jul 2016	7/1/2016	7	Q4 2016	2016
Computer Software	148767: Salesforce - Phase I	43,012		Jul 2016	7/1/2016	7	Q4 2016	2016
Computer Software	148469: 2017 NRG-Spirae Wave Peak Load Management	475,959		Jul 2017	7/1/2016	7	Q4 2017	2017
Computer Software	148471: 2017 BI for GIS	136,127		Jul 2017	7/1/2016	7	Q4 2017	2017
Computer Software	143260: GIS Upgrade 2016	120,819		Jun 2016	6/1/2016	6	Q3 2016	2016
Computer Software	143691: Crossbow	127,562		Jun 2016	6/1/2016	6	Q3 2016	2016
Computer Software	148514: 2017 Products & Svcs Web Pay	40,656		Mar 2017	3/1/2017	3	Q2 2017	2017

Computer Software	148523: 2017 Tableau Software	108,324		Mar 2017	3/1/2017	3	Q2 2017	2017
Computer Software	148582: 2017 Backup and Rec Solution	235,000		Mar 2017	3/1/2017	3	Q2 2017	2017
Computer Software	148550: Multispeak for SCADA	124,661		May 2017	5/1/2017	5	Q3 2017	2017
Computer Software	148553: MDM Enhancements	45,485		May 2017	5/1/2017	5	Q3 2017	2017
Computer Software	143210: Zeacom Web Chat	21,219		Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Software	143229: Mobile APP Enhancements 2016	230,732		Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Software	143230: CSS Enhancements 2016	278,881		Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Software	143232: Notifi Enhancements	217,778		Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Software	143237: GMP API Enhancements/Opportunities	392,735		Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Software	143257: BI - 2016	286,200		Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Software	143658: BI Technology Upgrade	214,045		Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Software	143666: Website Refresh 2016	347,341		Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Software	143667: WM for Substations 2015-2016	1,017,656		Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Software	143679: Tripwire	69,851		Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Software	146568: BI for Power Supply 2016	573,738		Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Software	148525: UI Enhancement - Rolling Capital Forecast	191,546		Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Software	148766: 2016 M2C Enhancements	235,374		Sep 2016	9/1/2016	9	Q4 2016	2016
Computer Software	148479: 2017 Controller Enhancements	183,202		Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Software	148480: 2017 Cust Self Service Enh	579,899		Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Software	148489: 2017 GMP API	1,170,580		Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Software	148491: 2017 GMP Mobile App	445,515		Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Software	148496: M2C Enhancements	314,060		Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Software	148500: 2017 Oracle NMS	1,454,117		Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Software	148554: MWM Upgrade	211,410		Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Software	148583: CCB Upgrade to Ver 2.5 Software	533,189		Sep 2017	9/1/2017	9	Q4 2017	2017
Computer Software	149444: 2017 Distrib Gen Tracking	483,722		Sep 2017	9/1/2017	9	Q4 2017	2017
		23,293,549	4,835,806					

Green Mountain Power
FY 2017 Alt Reg Capital Project Listing

NEW INITIATIVES

Construction Summary by Category and Project								
Functional Category	Project	Addition	Retirement	In Service Month	In Service Date	Month	Fiscal Qtr	Cal Year
Solar	147165: 2016 Power Pack Kiosk	24,571		Apr 2016	4/1/2016	4	Q3 2016	2016
Solar	37.2017HEATPUMP.107: 2017 HEAT PUMPS	1,398,831		Dec 2016	12/1/2016	12	Q1 2017	2016
Solar	37.2017HPWH.107: 2017 HEAT PUMP WATER HEATERS	152,289		Dec 2016	12/1/2016	12	Q1 2017	2016
Solar	37.2017TESLA.107: 2017 TESLA	453,781		Dec 2016	12/1/2016	12	Q1 2017	2016
Solar	37.2017HEATPUMP.107: 2017 HEAT PUMPS	1,398,831		Jun 2017	6/1/2017	6	Q3 2017	2017
Solar	37.2017HPWH.107: 2017 HEAT PUMP WATER HEATERS	152,289		Jun 2017	6/1/2017	6	Q3 2017	2017
Solar	37.2017TESLA.107: 2017 TESLA	453,781		Jun 2017	6/1/2017	6	Q3 2017	2017
Solar	37.2017HEATPUMP.107: 2017 HEAT PUMPS	1,398,831		Mar 2017	3/1/2017	3	Q2 2017	2017
Solar	37.2017HPWH.107: 2017 HEAT PUMP WATER HEATERS	152,289		Mar 2017	3/1/2017	3	Q2 2017	2017
Solar	37.2017TESLA.107: 2017 TESLA	453,781		Mar 2017	3/1/2017	3	Q2 2017	2017
Solar	143536: ETS Capital	61,250		May 2016	5/1/2016	5	Q3 2016	2016
Solar	143677: DERM 51 CIRCUIT	1,552,654		Sep 2016	9/1/2016	9	Q4 2016	2016
Solar	37.2017HEATPUMP.107: 2017 HEAT PUMPS	895,252		Sep 2016	9/1/2016	9	Q4 2016	2016
Solar	37.2017HPWH.107: 2017 HEAT PUMP WATER HEATERS	233,916		Sep 2016	9/1/2016	9	Q4 2016	2016
Solar	37.2017TESLA.107: 2017 TESLA	726,049		Sep 2016	9/1/2016	9	Q4 2016	2016
Solar	37.2017EVGO.107: 2017 EVGO	412,205		Sep 2017	9/1/2017	9	Q4 2017	2017
Solar	37.2017HEATPUMP.107: 2017 HEAT PUMPS	1,398,831		Sep 2017	9/1/2017	9	Q4 2017	2017
Solar	37.2017HPWH.107: 2017 HEAT PUMP WATER HEATERS	152,289		Sep 2017	9/1/2017	9	Q4 2017	2017
Solar	37.2017TESLA.107: 2017 TESLA	453,781		Sep 2017	9/1/2017	9	Q4 2017	2017
		11,925,501	-					

* While listed as "Solar", this area is really "New Initiatives".

Green Mountain Power
Variance Analysis of Plant Additions
"...a summary of plant additions as requested in the previous rate request that compares the "as requested" amount to actual for jobs completed and jobs still in process."
Projects included in Filing as of 4/27/2015

Construction Summary by Category and Project								ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL								
Project	Functional Category	In Service Month	Quarter	In Service Year	Addition		Retirement	In Service Month	In Service Year	Addition	Retirement	OPEN CWIP	NOTES		If Missed In Service Date, Why?	Cost Variance	Reason Difference in Cost beyond 35%		If Not Completed, Why?	If project is in progress, when will it be completed and if we are not going to meet, why?	If a project was substituted why and provide project number for new project
163700: SCADA Head-End Comm	Communications	1	Q2	2016	95,209			9	2015	160,561			Technology was implemented ahead of schedule due to Rutland Control Center renovations and SCADA upgrades. Scope expanded during implementation due to additional network switch requirements as well as additional contract labor time required during implementation.								
163692: RNMS	Communications	4	Q3	2016	29,539							-	This project was removed from the Fiscal 16 and 17 Filing.								
163542: AMI Gatekeeper LTE Retro	Communications	9	Q4	2016	1,128,168			3	2016	1,128,707			We selected a conservative estimate of September as the original in-service date as implementation was dependent on carrier installations. Project was completed in March.								
163830: 2015 District Repeaters	Computer Hardware	5	Q3	2015	107,609			5	2015	140,750			The scope of the project increased due to immediate need for cellular amplification at additional sites outside the original scope and estimate.								
163965: Personal Beacon Locators	Computer Hardware	5	Q3	2015	120,659			5	2015	119,692			Project was on-time and on-budget.								
163971 - 2015 Laptop Refresh	Computer Hardware	7	Q3	2015	680,958			7	2015	637,320			The additional units to be purchased was less than what was estimated in the filing.								
IT Blanket 2015	Computer Hardware	9	Q4	2015	323,752			9	2015	336,335			Available dollars funded unplanned small Miscellaneous projects: 163827, Central Video Recording 163916, Gatekeeper Solar 164752, Solar Wind for CT 165229, PSSI Software 166242 and MMM for Meter Tech 166936.								
164005: CALAMP/AVL	Computer Hardware	9	Q4	2015	815,668			9	2015	826,389			Project was on-time and on-budget.								
163320: RDSC Phone/Network	Computer Hardware	10	Q1	2015	17,825			11	2015	130,146			Scope of project modified to include Cellular Amplification Technology								
163220: Replace Conference Phones	Computer Hardware	1	Q2	2016	22,566			1	2016	26,801		-	This project was replaced with project 165076 Avaya-Dexcom CCP Phones ($26,801).								
163253: Security Event Correlation	Computer Hardware	11	Q1	2015	188,077							-	Project was cancelled. In a previous installation of this same technology, solution proved to not meet GMP expectations and needs. Funds will support 168616 2016 Col New Data Center Tech which is included in the FY 17 Filing for $572,000 with and in-service date of Sept 2016.								
163265: 4K TV Applications	Computer Hardware	2	Q2	2016	38,204			3	2016	28,567		-	This project was replaced with project 163677 Poultney Phone/Network ($28,567)								
163286: Kiosk	Computer Hardware	2	Q2	2016	20,200			1	2016	21,997		-	This project was replaced with project 165997 After Call Survey ($20,997)								
163288: Control Center Polycom	Computer Hardware	2	Q2	2016	70,694			3	2016	51,075		-	This project was replaced with projects Firewall for SCADA 164027 and Website Refresh 163870; the variance from the amount requested was used to cover the 2015 IT Blanket.								
163207: Replace Security Camera Systems	Computer Hardware	12	Q1	2015	595,624			3	2016	267,778			The security project is completed. Closing was delayed due to unstring the individual locations for each of the security projects. Amount spent was less than estimated because many projects were done in conjunction with substation security upgrades.								
163723: Zeacom Web Chat	Computer Hardware	12	Q1	2015	21,028							-	Project has been delayed to fall after 163208 Zeacom Software Upgrade as recently recommended by the vendor. Revised In-Service Date September 2016								
163225: UPS Unit Replacements	Computer Hardware	3	Q2	2016	99,274			3	2016	94,982			Scope of project modified to include additional sites with failing UPS Equipment								
163229: Packet Shaper	Computer Hardware	3	Q2	2016	207,203			3	2016	208,577		-	This project was replaced with projects 168623 Pivalata Storage Expansion 2016 and 167855 PLSA Oracle Enhancements ($208,577), due to changes in organizational priorities.								
163235: IRMAC Phone/Network	Computer Hardware	1	Q2	2016	69,906			3	2016	63,777			This project was delayed due to resource constraints.								
163267: Electronic Signage	Computer Hardware	1	Q2	2016	60,954							20,209.94	Delay in closing related to reviews of project. Original estimate included charges that were thought to be capital but ended up being expense. To be closed in June 2016.								
163162: Hadoop Infrastructure (Redundancy and DR)	Computer Hardware	2	Q2	2016	356,424			3	2016	345,438			This project was replaced with 168693 2016 MDC Enhancements ($345,438). Meter to Cash enhancement priorities included new bill design implementation, services rendered billing as well as net meter credit program.								
163203: Backup and Recovery (data protector and Tivoli) Solution	Computer Hardware	2	Q2	2016	297,035			3	2016	375,921		-	This project was replaced with 168699 DD/Rantech Phase II ($375,921). In the previous fiscal year, we did a large upgrade and data conversion project. At the time, it was decided to defer the secondary data archive, adding data from the transformer to the service. A year later, Phase II was prioritized due to data accuracy and safety concerns. The completion of this phase was necessary make a priority to address these concerns, as well as to significantly improve operational efficiencies in the Control Center and Design Functions of the organization.								
163674: Continuation of Colchester Visualization	Computer Hardware	3	Q2	2016	1,233,087							552,964.02	Revised in-service date of September 2016. Delayed due to datacenter build. Project is in FY17 Filing.								
163202: Upgrade Wireless Controllers	Computer Hardware	3	Q2	2016	49,832							-	Project has been delayed due to resource constraints. Revised In-Service Date September 2016.								
163245: Storage - NetApp	Computer Hardware	3	Q2	2016	429,177			3	2016	480,996		-	This project was replaced with 168689 Basement Fiber Connects ($480,996)								
163252: SRM	Computer Hardware	3	Q2	2016	132,859			3	2016	121,435		-	This project was replaced with projects 166616 2016 MMM - DDM Enhancements and 168703 Enhance IVR Outage 2016. Enhancements in the DDM system included support for Energy Company of the Future new initiatives including heat pump and Tesla battery products. This was critical at this time as these new product offerings were rolling out to customers. Enhancement to the MMM system included features for improved efficiency in meter reader technology including access to real-time customer information in the field. The enhanced IVR Outage project was required and prioritized due to false positive outages being reported through the existing Outage IVR Flow. The original Outage IVR flow did not properly accommodate for customers who had previously reported an outage, which had since been restored, but were calling from an alternate location to check on the status of the outage they had reported. In these situations, a new Outage ticket was created in error. This problem became evident in a larger customer outage event and caused our resources to react to false Outage reports. The enhancement was needed to immediately offer clear options to the customer in that situation, and ultimately eliminate the false outage reports.								
163283: Brattleboro Phone/Network	Computer Hardware	4	Q3	2016	47,428			3	2016	70,572			Scope of project changed during implementation to accommodate overlap of timing of new site opening and old site decommission. This made it necessary to purchase additional network components.								
163717: Replace Retired Internet Routers	Computer Hardware	6	Q3	2016	54,330							-	Project timing has shifted to accommodate 2016 Col New Datacenter Tech project. Revised in-service date August 2016								
163266: Colchester Multi Media Refresh	Computer Hardware	6	Q3	2016	140,889							-	Project was cancelled to accommodate the new datacenter build project. Funds will support 168616 2016 Col New Datacenter Tech project								
163268: Physical Server Replacements	Computer Hardware	5	Q3	2016	99,708							-	Project was cancelled to accommodate the new datacenter build project. Funds will support 168616 2016 Col New Datacenter Tech project								
163230: Core Network Upgrade	Computer Hardware	6	Q3	2016	756,979							292.39	Project has been delayed to tee up with new datacenter build. Equipment model change and scope change due to new datacenter increases estimate to 988,930. Revised in-service date September 2016 or filed in FY17 filing.								
163251: FS for Rutland	Computer Hardware	7	Q4	2016	206,729			1	2016	207,220		-	This project was cancelled early in the year and budget dollars funded 167226 2016 Microsoft True-Up ($207,220)								
163236: Replace Video Conferencing	Computer Hardware	8	Q4	2016	281,641							197,018.07	Project is in progress and on target.								
IT Blanket 2016	Computer Hardware	9	Q4	2016	329,236							41,012.13	IT blanket reflects amount spending YTD. We are on target to spend remaining dollars by in-service date.								
163213: Cell Boosting	Computer Hardware	9	Q4	2016	419,578							171,557.02	Project is in progress and on target. Revised estimate $410,561.								
163216: Solar Back Up for UPS Units	Computer Hardware	9	Q4	2016	160,216							-	Project was cancelled to accommodate the new datacenter build project. Funds will support 168616 2016 Col New Datacenter Tech project								
163262: Technology Device Refresh	Computer Hardware	9	Q4	2016	474,159							168,984.00	Project is in progress and on target for September 2016 in-service date.								
163606: Controller	Computer Software	7	Q4	2015	97,156			3	2016	160,425			The original project plan was to implement the basic, fundamental requirements needed to go live. Due to changes in the business, significant scope increase incurred during the design phase, and critical and advanced functionality was incorporated into the scope of the product deliverable. The increased scope impacted both the cost of this project as well as the shift of in-service date.								
163186: Customer Self Service Web Site	Computer Software	9	Q4	2015	217,167			9	2015	533,022			Project was over budget due to the loss of an internal development resource at the beginning of the fiscal year. The position was not filled so the labor shifted to more costly external contract labor.								
163985: BI for Engineering	Computer Software	9	Q4	2015	677,692			9	2015	410,766			There was a slight reduction in project scope and deliverables due to various tasks that were originally deemed to be part of the BI Engineering implementation, that were executed as part of other BI projects and therefore were in place and available during this implementation.								
162859: iFactor mobile app enhancements	Computer Software	9	Q4	2015	172,523			9	2015	236,502			Cost overrun was necessary to continue developing the app while taking a necessary upgrade to the charting platform used to visualize data within the app. Upgrading to a more robust, commercially available charting platform required the addition of a second mobile app developer to the team for a period of time. Once the charting platform was upgraded the second developer rolled was released from the project.								
163826: NMS Account Summary Emails	Computer Software	9	Q4	2015	237,537			11	2015	287,130			The data extraction process was more complex than anticipated and unexpected data quality issues were present. These issues required additional labor and time to address.								
163864: 2015 GMP Mobile App	Computer Software	9	Q4	2015	299,726			9	2015	298,532											
162960: GIS Upgrade 2016	Computer Software	11	Q1	2015	110,153							69,453.22	Project shifted due to resource scheduling changes as well as secondary network cleanup project going long in the fall. Revised in-service date June 2016. Revised cost estimate 120,839.								
163208: Zeacom Upgrade	Computer Software	5	Q2	2016	39,661							-	Project was delayed due to data center build. Revised in-service date August 2016.								
163863: Hunk	Computer Software	1	Q2	2016	28,620							-	Project cancelled due to security resource vacancy. Funds will support 168616 2016 Col New Datacenter Tech project.								
163870: Crestview	Computer Software	1	Q2	2016	90,831							-	Project was shifted to later in the year to allow time to implement necessary security hardware prior to the implementation of this software. Revised in-service date is Jul 2016								
163258: UI Cap Budget & Forecasting	Computer Software	2	Q2	2016	552,078			3	2016	589,385			Project was broken into two phases. 167710 Phase I closed at $589,385 in March 2016. Remainder will fund Phase II $385K for UI Rolling Forecast. Estimate cost ($198,748), estimate in-service date September 2016.								

Construction Summary by Category and Project							ACTUALS	ACTUALS	ACTUALS	ACTUALS	ACTUALS							
Project	Functional Category	In Service Month	Quarter	In Service Year	Addition	Retirement	In Service Month	In Service Year	Addition	Retirement	OPEN CWIP	NOTES	If Missed In Service Date, Why?	Cost Variance	Reason Difference in Cost beyond 35%	If not Completed, Why?	If project is in progress, when will it be completed and if we are outgoing to next, why?	If a project was substituted why and provide project number for new project
146699: Brennium	Computer Software	3	Q2	2016	130,567						-	Project was cancelled due to security resource vacancy. Funds will support 148414 2016 Col New Datacenter Tech project.						
146679: Tripwire	Computer Software	3	Q2	2016	69,958						-	Project was delayed due to security manager vacancy. Revised estimate in-service date September 2016.						
145982: NMS Simply Smart Account Summary	Computer Software	3	Q2	2016	160,418						20,526.00	Business leaders shifted this to a lower priority as compared to other initiatives so the updated in-service date will be August 2016. Scope has been reduced to a limited version of what was originally scoped. Amount revised included in fiscal 17 filing ($160,489).						
145299: Light Notice App Solution	Computer Software	4	Q3	2016	689,567						264,869.00	Project implementation has been delayed due to great GIS integration efforts than originally scoped. Revised in-service date June 2016. Revised estimate 498,301. Reduction due to license decrease from original scope.						
143667: Work Management for Substations	Computer Software	4	Q3	2016	1,307,108						395,264.00	Project change of direction switching from Oracle to Cascade software caused a delay in the project. Revised in-service date September 2016. Revised estimate in filing 1,042,989.						
143102: APC Datacenter Management Software	Computer Software	6	Q3	2016	55,475						-	Technology will be implemented within project 148414 Datacenter Technologies.						
143229: Mobile APP Enhancements	Computer Software	9	Q4	2016	226,416						254,809.00	Project in process.						
143230: CSS Enhancements 2016	Computer Software	9	Q4	2016	123,926						267,064.00	PSTS request amount was increased to $278,865 based on updated vendor quotes.						
143232: Notifi Enhancements	Computer Software	9	Q4	2016	110,656						62,199.00	Project in process.						
143237: GMP API Enhancements/Opportunities	Computer Software	9	Q4	2016	371,479						897,364.00	Per API product rendezvous throughout the year due to an increase in new initiatives in the organization. These new initiatives were business driven and the increase of API work is in direct relation to implementation of initiatives including Tesla Power Wall, Residential Curtailment Legislation and integration with other GMP software systems. There was a note added to the fiscal 17 filing that the amount included in the 17 filing would be increased due to this, and new quotes were provided.						
143257: RI - 2016	Computer Software	9	Q4	2016	656,987						354,338.00	Project in process.						
146607: RI Power Supply	Computer Software	9	Q4	2016	699,560						295,354.00	Actual project number is 166568. Project is on target.						
143658: RI Technology Upgrade	Computer Software	9	Q4	2016	198,917						66,336.00	Project in progress and on track.						
Distribution Lines	Distribution Lines	4	Q3	2015	1,990,388	269,858	4	2015	2,960,602	122,839								
Distribution Lines	Distribution Lines	5	Q3	2015	1,990,388	269,858	5	2015	2,120,020	950,266								
Distribution Lines	Distribution Lines	6	Q3	2015	1,990,388	269,858	6	2015	2,690,061	895,868								
Distribution Lines	Distribution Lines	7	Q4	2015	1,990,388	269,858	7	2015	2,520,891	2,032,979								
Distribution Lines	Distribution Lines	8	Q4	2015	1,990,388	269,858	8	2015	1,966,213	896,132								
Distribution Lines	Distribution Lines	9	Q4	2015	1,990,388	269,858	9	2015	2,065,926	2,179,035								
Distribution Lines	Distribution Lines	10	Q1	2015	2,026,730	270,578	10	2015	2,587,759	670,317								
Distribution Lines	Distribution Lines	11	Q1	2015	2,026,730	270,578	11	2015	1,979,292	2,691,757								
Distribution Lines	Distribution Lines	12	Q1	2015	2,026,730	270,578	12	2015	2,562,715	526,188								
Distribution Lines	Distribution Lines	1	Q2	2016	2,026,730	270,578	1	2016	2,687,966	538,908								
Distribution Lines	Distribution Lines	2	Q2	2016	2,026,730	270,578	2	2016	2,208,556	752,331								
Distribution Lines	Distribution Lines	3	Q2	2016	2,026,730	270,578	3	2016	2,626,795	956,456								
Distribution Lines	Distribution Lines	4	Q3	2016	2,026,730	270,578	4	2016	2,157,240	346,033								
Distribution Lines	Distribution Lines	5	Q3	2016	2,026,730	270,578												
Distribution Lines	Distribution Lines	6	Q3	2016	2,026,730	270,578												
Distribution Lines	Distribution Lines	7	Q4	2016	2,026,730	270,578												
Distribution Lines	Distribution Lines	8	Q4	2016	2,026,730	270,578												
Distribution Lines	Distribution Lines	9	Q4	2016	2,026,730	270,578												
Distribution Substation Minor Addn 2015	Distribution Substations	4	Q3	2015	99,980	9,111	4	2015										
161805: Bay Street Substation Security	Distribution Substations	5	Q3	2015	29,956		7	2015	53,621					-100%				Bay Street Security (Project Number 161805) was replaced with Georgia Substation Security (Project Number 161296) which was completed July 2015.
161808: Fair Haven Substation Security	Distribution Substations	5	Q3	2015	99,016		6	2015	72,621				The reason for not making the in-service date is technician resource were not available due to unforseen work load related to Radio system troubles, Rockford emergency breaker install and customer work.	31%	This is one of many Security projects included in the Transmission Substations plant additions (155672, 158610, 159018, 159030, 159032, 159033, 159034, 159035, 159036, 159037, 161090, 161562, 161993, 162096, 163406, 163407, 163286, 165105, 163408) and Communications plant additions (Multi OR Nodes). The total plant addition included in these projects is $3864,593. The total Actual Addition amount of $886,135 includes transmission substations plant Actual Additions (138672, 158610, 159018, 159030, 159032, 159033, 159034, 159035, 159036, 159037, 161090, 161562, 161993, 162096, 163406, 163407, 163286, 165105, 163408) for an overall overrun of 3%. These projects were originally classified as Communications projects and reclassified as transmission substation projects in a subsequent filing.
161807: Hewett Road Sub Security	Distribution Substations	5	Q3	2015	86,557		6	2015	89,662				The reason for not making the in-service date is technician resource were not available due to unforseen work load related to Radio system troubles, Rockford emergency breaker install and customer work.	7%	This is one of many Security projects included in the Transmission Substations plant additions (155672, 158610, 159018, 159030, 159032, 159033, 159034, 159035, 159036, 159037, 161090, 161562, 161993, 162096, 163406, 163407, 163286, 165105, 163408) and Communications plant additions (Multi OR Nodes). The total plant addition included in these projects is $3864,593. The total Actual Addition amount of $886,135 includes transmission substations plant Actual Additions (138672, 158610, 159018, 159030, 159032, 159033, 159034, 159035, 159036, 159037, 161090, 161562, 161993, 162096, 163406, 163407, 163286, 165105, 163408) for an overall overrun of 3%. These projects were originally classified as Communications projects and reclassified as transmission substation projects in a subsequent filing.
163621: Brownsville Fence	Distribution Substations	5	Q3	2015	135,173	1,996	5	2015	82,860	3,152				-39%	The main reason for the underrun beyond 35% is due to contractor labor. Contract labor for ground grid was estimated but internal engineering designed the ground grid, ground rod drilling was estimated but not needed for the installation of ground rods, and security guards were estimated and not required.			
Distribution Substation Minor Addn 2015	Distribution Substations	5	Q3	2015	99,980	9,111	5	2015	68,142					29%				
159030: GRAHAM - SUB SECURITY	Distribution Substations	6	Q3	2015	50,696		7	2015	31,959			Project was completed on June 29 2015. Closing documents were completed in July 2015.		-8%	This is one of many Security projects included in the Transmission Substations plant additions (155672, 158610, 159018, 159030, 159032, 159033, 159034, 159035, 159036, 159037, 161090, 161562, 161993, 162096, 163406, 163407, 163286, 165105, 163408) and Communications plant additions (Multi OR Nodes). The total plant addition included in these projects is $3864,593. The total Actual Addition amount of $886,135 includes transmission substations plant Actual Additions (138672, 158610, 159018, 159030, 159032, 159033, 159034, 159035, 159036, 159037, 161090, 161562, 163406, 163407, 163286, 165105, 163408) for an overall overrun of 3%. These projects were originally classified as Communications projects and reclassified as transmission substation projects in a subsequent filing.
161980: Garnet Street Security	Distribution Substations	6	Q3	2015	68,223		7	2015	61,917			The reason for not making the in-service date is technician resource were not available due to unforseen work load and booking of projects.		-28%	This is one of many Security projects included in the Transmission Substations plant additions (155672, 158610, 159018, 159030, 159032, 159033, 159034, 159035, 159036, 159037, 161090, 161562, 161993, 162096, 163406, 163407, 163286, 165105, 163408) and Communications plant additions (Multi OR Nodes). The total plant addition included in these projects is $3864,593. The total Actual Addition amount of $886,135 includes transmission substations plant Actual Additions (138672, 158610, 159018, 159030, 159032, 159033, 159034, 159035, 159036, 159037, 161090, 161562, 163406, 163407, 163286, 165105, 163408) for an overall overrun of 3%. These projects were originally classified as Communications projects and reclassified as transmission substation projects in a subsequent filing.
162992: Queen City Security	Distribution Substations	6	Q3	2015	50,436		6	2015	63,513					26%	This is one of many Security projects included in the Transmission Substations plant additions (155672, 158610, 159018, 159030, 159032, 159033, 159034, 159035, 159036, 159037, 161090, 161562, 161993, 162096, 163406, 163407, 163286, 165105, 163408) and Communications plant additions (Multi OR Nodes). The total plant addition included in these projects is $3864,593. The total Actual Addition amount of $886,135 includes transmission substations plant Actual Additions (138672, 158610, 159018, 159030, 159032, 159033, 159034, 159035, 159036, 159037, 161090, 161562, 163406, 163407, 163286, 165105, 163408) for an overall overrun of 3%. These projects were originally classified as Communications projects and reclassified as transmission substation projects in a subsequent filing.
163596: Vergennes Substation Security	Distribution Substations	6	Q3	2015	47,817		8	2015	72,035			The reason for not making the in-service date is technician resource were not available due to unforseen work load and booking of projects.		51%	This is one of many Security projects included in the Transmission Substations plant additions (155672, 158610, 159018, 159030, 159032, 159033, 159034, 159035, 159036, 159037, 161090, 161562, 161993, 162096, 163406, 163407, 163286, 165105, 163408) and Communications plant additions (Multi OR Nodes). The total plant addition included in these projects is $3864,593. The total Actual Addition amount of $886,135 includes transmission substations plant Actual Additions (138672, 158610, 159018, 159030, 159032, 159033, 159034, 159035, 159036, 159037, 161090, 161562, 163406, 163407, 163286, 165105, 163408) for an overall overrun of 3%. These projects were originally classified as Communications projects and reclassified as transmission substation projects in a subsequent filing.
Distribution Substation Minor Addn 2015	Distribution Substations	6	Q3	2015	99,980	9,111	6	2015	79,065					-69%				
163593: Middlebury Lower Security	Distribution Substations	7	Q4	2015	60,065		5	2015	47,825					-19%	This is one of many Security projects included in the Transmission Substations plant additions (155672, 158610, 159018, 159030, 159032, 159033, 159034, 159035, 159036, 159037, 161090, 161562, 161993, 162096, 163406, 163407, 163286, 165105, 163408) and Communications plant additions (Multi OR Nodes). The total plant addition included in these projects is $3864,593. The total Actual Addition amount of $886,135 includes transmission substations plant Actual Additions (138672, 158610, 159018, 159030, 159032, 159033, 159034, 159035, 159036, 159037, 161090, 161562, 163406, 163407, 163286, 165105, 163408) for an overall overrun of 3%. These projects were originally classified as Communications projects and reclassified as transmission substation projects in a subsequent filing.			
163609: 163609-Weybridge Security	Distribution Substations	7	Q4	2015	62,129					112.65				-100%				Weybridge Security (Project Number 163609) was replaced with Ninevolle Substation Security (Project Number 165168) which was completed June 2015 for $85,362.39.
Distribution Substation Minor Addn 2015	Distribution Substations	7	Q3	2015	99,980	9,111	7	2015	250,760					320%				
163533: South Rutland Rtd	Distribution Substations	8	Q3	2015	564,828	61,695	9	2015	676,730	198,186		Project scope changed for reliability reason. The change required the installation of a portable substation resulting in the project duration being longer than estimated.		-16%	The main reason for the underrun beyond the 35% is due to a bus tie switch not being installed as a result of available clearances in the substation.			
Distribution Substation Minor Addn 2015	Distribution Substations	8	Q3	2015	99,980	9,111	8	2015	91,628					-65%				

Construction Summary by Category and Project							ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL							
Project	Functional Category	In Service Month	Quarter	In Service Year	Addition	Retirement	In Service Month	In Service Year	Addition	Retirement	OPEN CWIP	NOTES	If Missed In Service Date, Why?	Cost Variance	Reason Difference in Cost beyond 15%	If not Completed, Why?	If project is in progress, when will it be completed and if we are not going to meet, why?	If a project was substituted why and provide project number for new project
141619: Telecom Test Equipment 2015	Distribution Substations	9	Q4	2015	29,810						51,571.28		This project was completed in November 2015 but the closing documents were not submitted. The equipment was received in September and due to a vendor mistake in quantity, the last piece of equipment was received in November.	-100%	The main reason for the overrun beyond the 15% is due to addition equipment being ordered.	The project is complete and the closing documents are being sent to accounting.		
143113: Lalor RGI relay scada	Distribution Substations	9	Q4	2015	156,604	23,438	2	2016	228,866	13,780			The start of project 143113 (Lalor Avenue RGI) was delayed by project 143112 (Gas Turbine RGI) and project 143110 (South Rutland RGI) completion dates. The added scope items described in the Cost Variance also attributed to the delay in completion of the project.	46%	The main reason for the overrun beyond 15% is due to a scope change of adding a DC breaker panel with associated re-cabling, replacement of high side fuses, and addition of animal guards due to recent animal contacts in substations which were not estimated.			
Distribution Substation Minor Adds 2015	Distribution Substations	9	Q4	2015	55,380	9,111	9	2015	228,794					313%				
143112: Gas Turbine RGI breakers relay scada	Distribution Substations	10	Q1	2015	276,655	25,349	11	2015	515,221	12,259			The start of project 143112 (Rutland Gas Turbine RGI) was delayed by project 143110 (South Rutland RGI) completion date. Additionally, the project scope changed requiring the installation of a portable substation for reliability, improved clearances on bus tie switch, replaced insulators and enhanced ground grid.	86%	The main reason for the overrun beyond 15% is due to the project scope changed requiring the installation of a portable substation, improved clearances on bus tie switch, replaced insulators and enhanced ground grid. Once the substation was de-energized, a more detailed inspect revealed the insulators needed replacement and the ground grid need to be enhanced.			
Distribution Substation Minor Adds 2016	Distribution Substations	10	Q1	2015	56,322	9,266	10	2015	153,016					172%				
138164: Waterbury Substation	Distribution Substations	11	Q1	2015	1,953,679	233,766	9	2015	2,378,014	233,766				22%	The main reason for the overrun beyond 15% is due to higher than estimated Civil/site work, existing soil was estimated to be reused and was unsuitable to be reused as base material resulting in the need to import select fill, and the cost for rental equipment was much higher than estimated.			
141614: 2015 White River Jct Rebuild	Distribution Substations	11	Q1	2015	2,079,928	185,005	1	2016	2,639,960	27,158			Project start was delayed two months due to easement delays on the transmission line portion of the project.	27%	The main reason for the overrun beyond 15% is due to the Civil/site work being higher than estimated , ledge was encountered during excavation that required removal, the project start date was delayed resulting in winter construction which reduced labor efficiency and the cost for rental equipment was much higher than estimated.			
Distribution Substation Minor Adds 2016	Distribution Substations	11	Q1	2015	56,322	9,266	11	2015	20,476					-64%				
Distribution Substation Minor Adds 2016	Distribution Substations	12	Q1	2015	56,322	9,266	12	2015	76,291					35%				
Distribution Substation Minor Adds 2016	Distribution Substations	1	Q2	2016	56,322	9,266	1	2016	236,708					320%				
143307: Spare 15kV Breaker	Distribution Substations	2	Q2	2016	20,533						-		Since the filing, GMP has made spare 15kV breakers a stock item and this breaker wasn't purchased as a capital project.	-100%				
Distribution Substation Minor Adds 2016	Distribution Substations	2	Q2	2016	56,322	9,266	2	2016	5,423					-90%				
Distribution Substation Minor Adds 2016	Distribution Substations	3	Q2	2016	56,322	9,266	3	2016	97,016					72%				
Distribution Substation Minor Adds 2016	Distribution Substations	4	Q3	2016	56,322	9,266	4	2016	124,188					120%				
143288: Wallingford Transformer Upgrade Substation & Security	Distribution Substations	5	Q3	2016	589,643	31,640	3	2016	361,250	312				-39%	The main reason for the underrun beyond 15% is due to an invoice ($81,260) for the transformer inadvertently charged to another account and the project was estimated for three regulators out of stock which were taken from the regulator blanket rather than stock. With the $81,260 and associated overheads, it is estimated that the underrun would be 21%.			
143296: Georgia Substation Security Purchase and Install	Distribution Substations	5	Q3	2016	43,038		7	2015	53,641					25%	This is one of many Security projects included in the Transmission Substations plant additions (135472, 138600, 139024, 139030, 139031, 139033, 139034, 139035, 139035, 139036, 139037, 141590, 141592, 141593, 141596, 141606, 141607, 143296, 145145, 141608) and Communications plant additions (JMUX DR Nodes). The total plant addition included in these projects is $884,043. The total Actual Addition amount of $884,135 includes transmission substations plant Actual Addition (135472, 138600, 139024, 139030, 139031, 139033, 139034, 139035, 139035, 139036, 139037, 141590, 141592, 141593, 141596, 141606, 141607, 143296, 145145, 141608) for an overall overrun of 1%. These projects were originally classified as Communications projects and reclassified as transmission substation projects in a subsequent filing.			Bay Street Security (Project Number 141605) was replaced with Georgia Substation Security (Project Number 143296) which was completed July 2015.
Distribution Substation Minor Adds 2016	Distribution Substations	5	Q3	2016	56,322	9,266								-100%				
143308: 15/28MVA 69/46-12.47kV Spare Transformer	Distribution Substations	5	Q3	2016	848,282						415,673.74			-100%		The transformer was received in April 2016 and will close in May 2016.		
135213: South Shaftsbury RTU	Distribution Substations	6	Q3	2016	71,542	6,953					32,263.75			-100%		On Schedule to close in June 2016		
143295: Substation Security - Montpelier	Distribution Substations	6	Q3	2016	35,909						18,574.48			-100%		On Schedule to close in June 2016		
Distribution Substation Minor Adds 2016	Distribution Substations	6	Q3	2016	56,322	9,266								-100%				
143309: 15/28MVA 34.5-12.47kV Spare Transformer	Distribution Substations	6	Q3	2016	387,437						-			-100%		On Schedule to close in June 2016		
Distribution Substation Minor Adds 2016	Distribution Substations	7	Q4	2016	56,322	9,266								-100%				
Distribution Substation Minor Adds 2016	Distribution Substations	8	Q4	2016	56,322	9,266								-100%				
143291: Airport Distribution Substation	Distribution Substations	9	Q4	2016	1,994,871						1,624.58		The project has been delayed due to land purchase and sales not occurring as previously identified at the original site. To move forward with the project, a new site needed to be identified and purchased. The new site has since been identified and a Purchase and Sales agreement has been secured.	-100%		Project required purchase of land to build the substation. Without the purchase and sale of the land the project could not move forward with the project.		
Distribution Substation Minor Adds 2016	Distribution Substations	9	Q4	2016	56,322	9,266								-100%				
Office and Equipment General Amort	General Plant	9	Q4	2015		701,673				701,673		39110						
Computer Equipment Amort	General Plant	9	Q4	2015		1,032,287				1,032,287		39120						
Stores Amort	General Plant	9	Q4	2015		237,670				237,670		39300						
Tools, Shop and Equipment Amort	General Plant	9	Q4	2015		210,924				210,924		39400						
Laboratory Equipment Amort	General Plant	9	Q4	2015		322,359				322,359		39500						
Communications Equip Amort	General Plant	9	Q4	2015		1,025,992				1,020,970		39700 & 39710						
Miscellaneous Equipment Amort	General Plant	9	Q4	2015		36,100				36,100		39800 & 39900						
Office and Equipment General Amort	General Plant	9	Q4	2016		121,536						Q4 2016						
Computer Equipment Amort	General Plant	9	Q4	2016		748,453						Q4 2016						
Stores Amort	General Plant	9	Q4	2016		108,395						Q4 2016						
Tools, Shop and Equipment Amort	General Plant	9	Q4	2016		125,214						Q4 2016						
Laboratory Equipment Amort	General Plant	9	Q4	2016		21,779						Q4 2016						
Communications Equip Amort	General Plant	9	Q4	2016		445,624						Q4 2016						
120025: Highgate JO 2010	Joint Ownership	9	Q4	2015	1,239,970	250,000	6	2015	1,525,152									
120026 : McNeil Capital	Joint Ownership	9	Q4	2015	725,317	100,000	6	2015	906,646									
126487: Millstone 3 Construction	Joint Ownership	9	Q4	2015	597,018	100,000	6	2015	591,756									
126488: Wyman	Joint Ownership	9	Q4	2015	67,127	25,000					6,653.00							
120024 : Stony Brook	Joint Ownership	9	Q4	2016	11,639	5,000						Q4 2016						
120025: Highgate JO 2010	Joint Ownership	9	Q4	2016	502,323	100,000					63,714.00	Q4 2016						
120026 : McNeil Capital	Joint Ownership	9	Q4	2016	1,093,965	250,000					676,682.00	Q4 2016						
126487: Millstone 3 Construction	Joint Ownership	9	Q4	2016	683,210	100,000					585,822.00	Q4 2016						
126488: Wyman	Joint Ownership	9	Q4	2016	97,197	25,000						Q4 2016						
Meter Blanket 2015	Meter	9	Q4	2015	529,095	11,018	9	2015	703,615									
Meter Blanket 2016	Meter	9	Q4	2016	538,090	11,205												

Construction Summary by Category and Project							ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL								
Project	Functional Category	In Service Month	Quarter	In Service Year	Addition	Retirement	In Service Month	In Service Year	Addition	Retirement	OPEN CWIP	NOTES		If Missed In Service Date, Why?	Cost Variance	Reason Difference in Cost beyond 15%	If not Completed, Why?	If project is in progress, when will it be completed and if we are not going to meet, why?	If a project was substituted why and provide project number for new project
143677: DERMS Circuit 51	New Initiatives	9	Q4	2016	1,241,692						872,347.91	Amount updated in the FY 2017 filing due to updated vendor information.							
134298: Heat Pump Rental Pilot	New Initiatives	9	Q4	2016	3,845,553		3	2015	908,606			Charges for this project moved to 141778, 147161, 149576							
137316: eVGO	New Initiatives	9	Q4	2016	1,143,103		3	2015	296,248			Charges for this project moved to 144166, 147163							
143534: eHome	New Initiatives	9	Q4	2016							173.23	Program not offered as a capital project							
143535: Heat Pump Water Heaters	New Initiatives	9	Q4	2016	1,434,812		3	2016	359,511			Charges for this project moved to 147162, 149577							
143537: eGenerator	New Initiatives	9	Q4	2016							-	Project not offered, did not meet State Renewable Energy Goals							
126631 : Proctor Mech Mod	Production	5	Q3	2015	9,051,802	4,329,757	5	2015	9,686,254	496,533		The original retirement budget was not accurately estimated. The original estimate was based upon a percentage, and a percentage of total cost for the two projects (126631 & 126632). The actual retirement was based upon actual equipment removed from the asset list upon project completion.							
126632 : Proctor Elec Mod	Production	5	Q3	2015	4,599,062		5	2015	4,700,227	522,898		The original Retirement dollars were not estimated for this project because they were included in the estimate for the above project. Again, the retirement was estimated originally as a percentage of total project costs (126631 & 126632). The actual retirement costs are based upon review and removal of the appropriate assets upon project completion.							
143388: Berlin GT Manifold Upgrades	Production	3	Q2	2016	255,595	30,000	7	2015	210,079	24,281		Project came in under budget; because the original project was budgeted for full replacement of the GT Manifold. The actual project required partial replacement only. This change in scope contributed to a delay in the project as well as limited opportunities to take the unit out of service due to ISO obligations.							
141780 : Peacham Pond Level Indication	Production	3	Q2	2016	67,715						27,623.47	Project was re-forecasted for Interim FY16. Revised in-service date is July. Project infrastructure was installed in January to take advantage of low water for the stilling well installation. The site was not completed at that time due to commissioning of the system needing to occur during higher pond elevation. Higher pond elevation was achieved in May; however resources were moved around to support full commission & In-service by July.							
143793: Marshfield Roof Upgrades	Production	3	Q2	2016	172,566	20,000	12	2015	131,344	3,969		Project scope was less than originally budgeted. Original scope include removal of all fascia and rebuild, but only a portion had to be removed and re-constructed with the new roof installation.							
144147 Stafford Additional Battery Storage and Conduit	Production	8	Q4	2015	847,115		3	2016	1,265,674			Project 50% over budget due and delayed in-service due to equipment delays & first of it's kind technology. Remaining containers arrived 10 months behind schedule. GMP added cost to the project to work overtime & re-mobilize crews several times to try and maintain new schedule completion dates. In addition, GMP has utilized more internal resources than originally anticipated. These hours are associated with the deployment of a unique complex technology for managing 3 different DC sources. This project is the first of it's kind in the country. The extent of commissioning and changes in the scope to accommodate the system added cost to the project. Project was further delayed due to limited resources as this was supposed to be completed in August.							
141602: Vergennes Plant Yard Security	Production	9	Q4	2015	43,894		3	2016	57,635			Project was delayed due to availability of internal resources. This project was completed entirely by internal resources. Winter conditions led to the over-run on the budget as well. Winter conditions were not included in the budget originally. In addition, to facilitate the installation of the security system some upgrades to the station SCADA was required. This was not originally planned, the added procurement, design and installation caused delay & cost over-runs.							
Hydro Blanket 2015	Production	9	Q4	2015	491,807	33,197			141,202			See note below for FY16. Several project were initiated, but were not closed in FY15. This can contributed to the large delta between FY15 and FY16.							
143334: Arnold Falls Fishing Access	Production	9	Q4	2015	147,405		9	2015	148,899										
140385: T4 Searsburg Gearbox Rebuild	Production	9	Q4	2015	128,429	12,800	11	2015	247,371			Project was 70% over and 3 months behind because this GMP Oracle number was used twice. It was used for two Gearbox rebuilds instead of one. The 2nd rebuild was driven by unforeseen conditions, a failure that required rebuild to place the unit back in-service vs. annual rebuild due to time/hrs on a machine.							
142381: KCW Reveg	Production	9	Q4	2015	77,943						-	Project was tracked under a different Oracle Number; see project below 143795.							
141772: Essex Dam Resurface	Production	10	Q1	2015	673,082	100,000	12	2015	487,051	22,040		Project cost was under budget because the project competitively bid & final scope determined after the originally budget was created. The original budget was based upon a unit price and similar project performed in the past. In addition, the scope of work was driven by weather conditions. The project was completed on-time by October 2015. The project was "closed" by accounting in December 2015. The budget surplus was used in part to cover the over-run 144147 Stafford Solar.							
141777: Gorge GT Upgrades	Production	10	Q1	2015	459,096	75,000	12	2015	1,338,375	306		The original Project budget was budgetary based upon assumptions of work needed based upon age, runtime. The final project scope was not determined until the unit was de-constructed and full inspection performed. The outcome of this work determined a major overall of the Gorge GT turbine was needed. This approach to identifying the work needed led to the dramatic change in the budget.							
141779: 2015 Middlesex Unit 1 Mechanical Upgrades	Production	10	Q1	2015	220,489	25,000					681,066.84	Project has been re-forecasted & re-scoped for the 2017 rate filing. The original budget was based upon removal of (1) Runner for major overall. The runner failed inspection & testing, requiring replacement vs. refurbishment. The same approached was planned for the second unit at Middlesex at a later date (1-3yrs), however the results from the failed runner inspection & test contributed to GMP electing to re-scope the project for procurement of 2 new runners for Middlesex. In addition, by replacing the two units at the same time GMP could take advantage of engineering and economies of scale. GMP elected to proceed with the procurement of (2) new runners. It was also determined that due to the age/condition of the runners is was becoming increasingly difficult to maintain flow requirements (dam spill).							
143367: Middlesex Sluice Gate Rebuild	Production	10	Q1	2015	414,380	50,000	9	2015	274,568	92,959		The original Project Budget was budgetary based upon a report and recommendation by an engineer that the sluice gate guides needed major rebuild. A major portion (and cost) of this work is safe access to the work area. Once safe access was constructed, a more detailed inspection was performed by the engineer which led to a reduced scope of work and ultimately a reduced project cost. The surplus budget from this project was utilized to cover over-runs in the project 141843 Proctor Intake Improvements.							
143364: Marshfield SCADA and Switchgear Upgrades	Production	11	Q1	2015	772,786	80,000	12	2015	963,032	299,414		The project budget increased by 25% due to the unplanned outage at Marshfield, a catastrophic failure of the generator breaker. Prior to the start of this project the generation breaker faulted causing damage to the Unit. GMP elected to address the faulted breaker and the electrical modernization under this one project. This decision contributed to the project cost increase because GMP had to ensure no damage was caused during the incident, by testing and inspection the Generator. In addition, the original budget did not include a communications upgrade, this aspect was required to meet the objective of the original project.							
141843: Proctor Intake Modernization & FERC Post License	Production	11	Q1	2015	553,808		2	2016	636,818	17,160		The project schedule was not met because the scope of work for this project changed. The original scope included FERC recreational improvements & Intake Modernization. The actual scope of work completed was Intake Modernization, and several small scope projects including; Air Blast system Improvements, Worker Safety Improvements to the intake deck, new control system improvements w/ programming for the intake and heated headgates for the penstocks. The Recreational improvements were removed from the project scope and re-scoped/budgeted in the 2017 rate case as its' own project. The Recreational improvements scope was postponed due to changes in scope based upon FERC consultation. The revised scope caused GMP to postpone the project due to added permitting and easement needs to accomplish the work.							
143355: Essex Transformer Containment Upgrades	Production	12	Q1	2015	214,149	30,000					20,633.83	Project has been re-forecasted in the 2017 rate filing. The original project was engineered and ready to be constructed, however the window to install the new GSU containment in September of 2015 conflicted with the Essex Dam Resurface Project. GMP elected to postpone this project until the 2016 calendar year. The dollars from this project were used to cover the overage on Project 143363 Marshfield SCADA & Switchgear							
142742: Weybridge Arch	Production	1	Q2	2016	166,263		1	2016	198,356		183,182.00	Amount includes Beldens and Vergennes Archeology. The initial round of testing for Weybridge has been unitized, however additional spending was required due to findings. The remaining amount will be closed once the final report is submitted.							
142744: Vergennes Archeology oblig	Production	1	Q2	2016	136,559							Included in Weybridge Archeology above.							
143621: Belden Archaeology	Production	1	Q2	2016	43,323							Included in Weybridge Archeology above.							
143341: Cavendish Unit 1 & 2 Exciter Control Replacement	Production	3	Q2	2016	76,196	5,000	2	2016	78,648										
143375: Silver Lake Generator Rewind	Production	6	Q3	2016	342,305						-	Re-forecasted in 2017 Rate case for In-service date of October 2016. Project was moved to coordinate better with the Silver Lake/Goshen Spillway project.							
Hydro Blanket 2016	Production	9	Q4	2016	500,167	33,761			1,113,451			Actual costs are high due to the timing of closing projects. Blankets are a 5-yr average of small capital work. For FY16; there were several projects that were closed after project completion, this has contributed to the large discrepancy between FY15 & FY16.							
143336: Belden Hydraulic Grapple & Ferc Rec Improvements	Production	9	Q4	2016	109,952						6,768.31	Project was re-forecasted in the 2017 rate filing. Project was moved to in-service date of October 2016 to better align with other projects on-going in this district this year.							
143356: Fairfax Bearing, Runner, Rotor & Exciter Upgrades	Production	9	Q4	2016	129,275	10,000					54,480.29	Project has started with prep work. Anticipated to be on-time and budget. This project was included in the 2017 rate filing.							
143376: Silver Lake Trashracks and Spillway Upgrades	Production	9	Q4	2016	648,650	65,000					25,259.12	Project re-forecasted in the 2017 rate filing. Since the last filing the Scope, Budget and schedule has been further refined. New in-service date is October 2016. The budget for this project was also re-allocated to support the over-runs at Gorge GT 144147							
143389: Berlin PLC & HMI Upgrades	Production	9	Q4	2016	554,462	50,000					-	Project was re-forecasted in the 2017 Rate filing. Project was moved to June 2017 in-service. The dollars for this project were re-allocated to over-runs at Stafford Solar Project (144147). Ascutney GT is a similar site/location; this project is included in the 2017 rate filing ahead of the Berlin. Several failed starts this past winter (2015/16) led to the decision by GMP to place this site as a higher priority than Berlin.							
143795: KCW Reveg 2016	Production	9	Q3	2016	62,270		2	2016	69,863			Project was completed under a different Oracle Project #. See comment above for 142381. Project completed on-time and budget. Project Number was closed by accounting in February.							
143392: 2016 Proctor Building Upgrades	Production						3	2016	162,143			Project was not included in the rate filing. The scope of this project included the addition of a (2) Stand-by generators at Proctor Station. The scope of work was not included in the original project plan for Proctor; however it was determined at the completion of the major Proctor Project that the station required the back-up source to maintain operational compliance (i.e. if the station lost power the generators could be operated to maintain appropriate flows over the dam).							
143652: Essex Diesels HMI/Controls	Production						3	2016	139,182			Project was not included in the FY2016 rate filing. Project was identified by a FERC inspection after the retail rate filing. The FERC inspection identified that the existing HMI/Controls of the diesel generators were not in compliance. This project was critical for GMP to maintain regulator obligations.							
Safety Projects - Various Hydro Plants	Production						3	2016	760,844	4,249		Project was not included in the FY2016 rate filing. Project was unplanned due to GMP Receiving a Safety Audit Report on Generation Hydro Facilities after the rate filing. Due to the items identified in the audit, GMP prioritized the safety projects instead of waiting a cycle to add into the next rate filing. Projects were critical for Worker Safety. 21 plants were addressed as part of this GMP initiative to improve worker safety.							
141632 : Col. boiler replacement	Property and Structures	6	Q3	2015	11,003	2,136	7	2015	9,358										
141635 : Middlebury office Remodel	Property and Structures	9	Q4	2015	443,056	35,000	6	2015	412,987	181,741									
141447: 2015 Facility Blanket	Property and Structures	9	Q4	2015	183,039		11	2015	177,888										
141633: Colchester switchgear replacement	Property and Structures	9	Q4	2015	186,481		2	2016	259,626	100,000		Delayed due to scope change associated with the new Data/Control Center, addition site work was required to connect the stand by generator.							
141637: Westminster conf. room	Property and Structures	9	Q4	2015	38,070		1	2016	61,905			Missed in service date due to budget restraints caused by other capital spending and over budget due to scope change, a second entrance and ceiling was added.							
143539: Purchase Land for Burl Sub	Property and Structures	9	Q4	2015							67,817.57	Amount was resubmitted in the FY 2017 filing and a purchase and agreement has been completed.							
143649 Middlebury Generator	Property and Structures	10	Q1	2015	138,573	30,000	2	2016	137,104			Missed in service date due to manufacturer not meeting 12 week lead time							
138967: New Brattleboro S.C.	Property and Structures	12	Q1	2015	2,401,658	1,187,144	1	2016	2,521,611	620,388									
143179: Replace Fire Alarm System	Property and Structures	12	Q1	2015	5,940	1,000	2	2016	7,425										
143313: HVAC data closets	Property and Structures	12	Q1	2015	13,838		2	2016	9,210										
143575: Montpelier/Colchester Fuel Island	Property and Structures	2	Q2	2016	143,664	15,000	2	2016	141,591										
143577: White River District Pavement install	Property and Structures	2	Q2	2016	408,615						15,839.78	Delayed due to receiving 1 bid response for fall project. Under contract now to be complete by August							
143467: Poultney Lighting upgrade 16	Property and Structures	3	Q2	2016	6,271	3,000	3	2016	10,862	7,184									

Construction Summary by Category and Project

Project	Functional Category	In Service Month	Quarter	In Service Year	Addition	Retirement	ACTUAL In Service Month	ACTUAL In Service Year	ACTUAL Addition	ACTUAL Retirement	ACTUAL OPEN CWIP	NOTES	If Missed In Service Date, Why?	Cost Variance	Reason Difference in Cost beyond 15%	If not Completed, Why?	If project is in progress, when will it be completed and if we are not going to meet, why?	If a project was substituted why and provide project number for new project
143314: Security System Upgrades	Property and Structures	5	Q3	2016	23,979	2,000	2	2016	24,756									
143551: New OH Door's at WRJ	Property and Structures	7	Q4	2016	46,144						-	Canceled due leasing garage space						
143162: 2016 Capital Blanket	Property and Structures	9	Q4	2016	186,151						166,099.37							
143552: Canopy Addition WRJ	Property and Structures	9	Q4	2016	15,171		10	2015	8,424									
143553: DDC Upgrade	Property and Structures	9	Q4	2016	57,240	8,000	2	2016	75,827			Over requested amount due to adding additional equipment						
143555: EMF-Oil Filled Equipment Containment Area	Property and Structures	9	Q4	2016	29,549	5,000					-							
143556: Springfield DDC System Additions	Property and Structures	9	Q4	2016	23,166	1,000	2	2016	25,920									
143557: Sunderland DDC Additions	Property and Structures	9	Q4	2016	21,708	1,000	2	2016	33,350			Over requested amount due to adding additional equipment						
143560: Operations Headquarters-Covered Vehicle Storage	Property and Structures	9	Q4	2016	51,072						-	Canceled due to a new planned addition in FY 18						
143576: Colchester Data Center	Property and Structures	9	Q4	2016	1,812,912	50,000					276,046.30	Project included in the FY 2017 filing.						
Regulators and Capacitor	Regulators and Capacitor	9	Q4	2015	834,139	13,245			511,180			Project # 146406						
Regulators and Capacitor	Regulators and Capacitor	9	Q4	2016	848,319	13,470			1,309,610			Project # 148557						
Transformers	Transformers	9	Q4	2015	3,335,873	52,968			5,506,692			Project # 141202, # 142579, # 143946, # 145250						
Transformers	Transformers	9	Q4	2016	3,392,582	53,868					2,158,117.49	Project # 146615						
141655 : 3309 Line Reconstruction for 16Y3	Transmission Lines	6	Q3	2015	533,466	53,000	6	2015	424,893	1				-20%	The major reason for the underrun beyond 15% is due to the use of internal labor rather than contract labor as estimated.			
141653 : Milton to Wyeth Reconductor	Transmission Lines	3	Q2	2016	1,158,234	115,000	8	2015	920,755					-21%	This project was one of three GMP designed projects to accommodate the Georgia Interconnect project. The GMP projects are Ballard Road Transmission Sub (132935), Wyeth to Milton Reconductoring (141653), and Velco Georgia to Ballard Road Sub Transmission Line (141652). In total the addition was $3,155,067 and the Actual Addition were $3,258,336 which is approximately 3% over the addition.			
141654 : White River Tap 46kV Transmission Line	Transmission Lines	3	Q2	2016	1,386,985		1	2016	2,340,915					69%	The main reason for the overrun beyond 15% is due to higher labor costs, contractor costs, material and FH&S costs and indirect overhead cost and AFUDC. The labor cost was higher than estimated for pole setting and wire pulling as well as a higher than estimated payroll overheads. The higher labor costs for pole setting were due to the unexpected presence of loose sand and rock-filled soils in the area. The contractor cost was higher than estimated for Tree trimming, excavation, traffic control, and specialty pole setting. Trimming costs overruns were due to more tree removals than estimated and compressed timeframe to complete trimming due to a permit requirement. Higher excavation costs were due to the fact that the job was estimated using a standard mounted augur on a digger truck to set the poles and the soil types discussed previously, and the size of the poles and the reach required to set some of the poles, an excavator was required that was not included in the original estimate. Traffic control was not included in the original estimate but was required to safely keep traffic flowing through the Project area during construction. Lastly, the change in design that took place to resolve a landowner's concern with a pole location required specialty equipment to set a self-supporting pole. Higher material and FH&S costs is the result of changes in the FH&S rates applied to stock materials as well as some transmission materials being taken out of stock instead of being directly ordered and charged to the project. Indirect overhead cost and AFUDC were caused by the increases in cost described above as well as some differences in overhead rates used in the estimate versus the actual overheads applied to the Project.			
141656: 2015 Loadbreaks and Motor Operators (Made up of projects: 137275, 138733)	Transmission Lines	9	Q4	2015	96,568		3	2015	96,058		1,498.24			-1%				Project 141656 was a blanket Transmission Line MOAB project. Two projects were completed under this blanket: 137275 (St Johnsbury Tap MOAB) and 138733 (Rochester Tap MOAB) and both were completed by March of 2015 for a total of $96,058.
141657 : Purchase 46kV Transmission Line from VELCO	Transmission Lines	9	Q4	2015	2,203,272		9	2015	2,006,254					-9%				
141651: TL Line 36 Reconstruction 2015	Transmission Lines	9	Q4	2015	841,762	97,271	9	2015	988,245	66				17%	The main reason for the overrun beyond 15% is due to additional ledge sets and contractor cost for egress in right of way.			
143506: Husky Tap RTU	Transmission Lines	4	Q3	2016	40,338	7,610					30,484.81		Project was delayed due to vendor stopping production of UPS which delayed start of the project. The project was estimated to be closed in May 2016 and was further delayed as resources were diverted to respond to a breaker failure.	-100%			The project is estimated to be completed in June.	
143507: North Elm Tap RTU	Transmission Lines	4	Q3	2016	47,821	7,610					15,688.18		Project was delayed due to vendor stopping production of UPS which delayed start of the project. The project was estimated to be closed in May 2016 and was further delayed as resources were diverted to respond to a breaker failure.	-100%			The project is estimated to be completed in June.	
143182: Claremont to Charlestown Partial Reconductor	Transmission Lines	5	Q3	2016	252,765	11,000					39,110.95	This is now 147274 - L102 Lafayette - Maple ST Recon	The project start has been delayed until June 2016 due to permitting delays.	-100%			The project is estimated to be completed by July 2017.	Project 143182 is a preliminary engineering number and the construction project number is 147274.
135212 : So Shaftsbury SCADA MOABs	Transmission Lines	6	Q3	2016	22,065	7,610					11,237.97			-100%			The project is estimated to be completed in June.	
143180: Smead Rd to Quarry Rd 46kV Partial Reconductor	Transmission Lines	6	Q3	2016	100,350	10,000					23,978.79	PE #	The project has been delayed due to delay in submitting permits due to other work load.	-100%			The project is estimated to be completed by April 2017.	
143184: Sherburne Tap Loadbreaks and Motor Operators	Transmission Lines	6	Q3	2016	272,945	7,000					393,305.57	This is now 135211 - Sherburn Tap SCADA		-100%	The project to date has $393,305 in CWIP while the estimated cost in the FY2016 filing was $272,945. The project was re-estimated as an interim project this year for a total cost of $464,670. The difference between FY2016 filing and the interim filing is attributed to estimating with a final design.		The project is estimated to be completed in June.	
143570: Fiber to Marshfield Dam	Transmission Lines	7	Q4	2016	94,179						2,026.81			-100%			The project is in progress and should be completed by July 2016.	
143181: Smead Rd to Silver Lake 46kV Reconductor	Transmission Lines	8	Q4	2016	493,582	48,000								-100%		Originally as part of the VELCO Connecticut River Valley (CRV) project this line was identified for reconductoring. Upon further, Planning review by GMP, it was determined that this project was not needed due to overloads and other system improvements. The dollars spent were for preliminary engineering, environmental, and archaeology.		
143183: East Jamaica Tap 236 and 827 Motor Operators	Transmission Lines	8	Q4	2016	192,769	20,000								-100%		This project has been moved to the FY2018 budget.		
143694 : Ascutney to Claremont Partial Reconductor	Transmission Lines	9	Q4	2016	1,071,126	100,000					66,607.28	This is now 147273 - L92 Highbrdg - Lafayette Recon	The project start has been delayed until June 2016 due to permitting delays.	-100%			The project is estimated to be completed by December 2017.	Project 143694 is a preliminary engineering number and the construction project number is 147273.
138957: 2016 Marble Street to Danby Reconstruction	Transmission Lines	9	Q4	2016	1,569,335	187,231					1,365,243.57	This is now 146221 - Marble St to Danby RBLD FY2016		-100%			The project is estimated to be completed by September 2016.	Project 138957 is a preliminary engineering number and the construction project number is 146211.
138416: HSCAT 3321 PUTT	Transmission Substations	4	Q3	2015	76,722		4	2015	100,443					31%	The main reason for the overrun beyond 15% is due to addition labor cost attributed a line failure during the HSCAT project installation.			
Transmission Substation Minor Adds 2015	Transmission Substations	4	Q3	2015	103,738	9,882								-100%				
132935: Ballard Road Substation	Transmission Substations	5	Q3	2015	1,253,179		5	2015	1,389,082					11%				
138411: HSCAT 3303 87L	Transmission Substations	9	Q4	2015	34,727		5	2015	23,289					-33%	The main reason for the underrun beyond 15% is due to contractor labor for splicing. The splicing was less involved than estimated.			
141608: Smead Road Sub Security	Transmission Substations	9	Q4	2015	40,966		6	2015	41,658					2%	This is one of many Security projects included in the Transmission Substations plant additions (135472, 138600, 139024, 139030, 139031, 139033, 139034, 139035, 139035, 139036, 139037, 141590, 141592, 141593, 141596, 141606, 141607, 143296, 145145, 141608) and Communications plant additions (JMUX DR Nodes). The total plant addition included in these projects is $884,043. The total Actual Addition amount of $884,135 includes transmission substations plant Actual Addition (135472, 138600, 139024, 139030, 139031, 139033, 139034, 139035, 139035, 139036, 139037, 141590, 141592, 141593, 141596, 141606, 141607, 143296, 145145, 141608) for an overall overrun of 1%. These projects were originally classified as Communications projects and reclassified as transmission substation projects in a subsequent filing.			
Transmission Substation Minor Adds 2015	Transmission Substations	5	Q3	2015	103,738	9,882	5	2015	68,142					-34%				
139035: JOHNSON - SUB SECURITY	Transmission Substations	6	Q3	2015	35,338		7	2015	30,136				The reason for not making the in-service date is technician resource were not available due to unforeseen work load and backlog of capital projects.	-15%	This is one of many Security projects included in the Transmission Substations plant additions (135472, 138600, 139024, 139030, 139031, 139033, 139034, 139035, 139035, 139036, 139037, 141590, 141592, 141593, 141596, 141606, 141607, 143296, 145145, 141608) and Communications plant additions (JMUX DR Nodes). The total plant addition included in these projects is $884,043. The total Actual Addition amount of $884,135 includes transmission substations plant Actual Addition (135472, 138600, 139024, 139030, 139031, 139033, 139034, 139035, 139035, 139036, 139037, 141590, 141592, 141593, 141596, 141606, 141607, 143296, 145145, 141608) for an overall overrun of 1%. These projects were originally classified as Communications projects and reclassified as transmission substation projects in a subsequent filing.			
139962: Sand Rd 3302 Relocation	Transmission Substations	9	Q4	2015	144,165		9	2015	236,213					64%	The main reason for the overrun beyond 15% is due to internal labor for the installation of a temporary bypass around the substation for reliability which was not in the estimate, and an incorrectly charged 38kV recloser. The incorrectly charged recloser is being removed from the project's cost.			
Transmission Substation Minor Adds 2015	Transmission Substations	6	Q3	2015	103,738	9,882	6	2015	81,545					-21%				
138418: HSCAT 3309 PUTT	Transmission Substations	7	Q4	2015	53,495		7	2015	78,012					46%	The main reason for the overrun beyond 15% is due to additional internal labor required to install a bypass to maintain system reliability.			
138419: HSCAT 3312 87L	Transmission Substations	7	Q4	2015	34,794						24,703.68		Project delayed to match up with a larger production project at Little River hydro in FY2018.	-100%		This project was not completed as the Little River Hydro project would have resulted in the project 138420 being retired and reinstalled.		
Transmission Substation Minor Adds 2015	Transmission Substations	7	Q4	2015	103,738	9,882	7	2015	233,658					125%				
Transmission Substation Minor Adds 2015	Transmission Substations	8	Q4	2015	103,738	9,882	8	2015	91,328					-12%				
138420: HSCAT 3302 87L	Transmission Substations	9	Q4	2015	27,613		3	2016	43,203				The reason for not making the in-service date is technician resource were not available due to unforeseen work load and backlog of capital projects.	56%	The main reason for the overrun beyond 15% is due to additional internal labor required to install a bypass to maintain system reliability.			
Transmission Substation Minor Adds 2015	Transmission Substations	9	Q4	2015	103,738	9,882	9	2015	229,712					121%				

Construction Summary by Category and Project							ACTUAL	ACTUAL	ACTUAL	ACTUAL	ACTUAL								
Project	Functional Category	In Service Month	Quarter	In Service Year	Addition	Retirement	In Service Month	In Service Year	Addition	Retirement	CPNN CWIP	NOTES		If Missed In Service Date, Why?	Cost Variance	Reason Difference in Cost beyond 35%	If not Completed, Why?	If project is in progress, when will it be completed and if we are not going to meet, why?	If a project was substituted why and provide project number for new project
163015: VH1CO Hanburg M16	Transmission Substations	10	Q1	2015	38,182	9,696					-				-100%		Project was not done as there was confusion between Fiscal Year 2016 (October) and October 2016 with Vertex. Vertex had planned to do the job in October 2016 and SMP understood they were planning to do the job in Fiscal year 2016 October.		Project number 168035:Sterbourne Ground Grid was accelerated into Fiscal 2016 once the communication issue was discovered. Project 168332:Vertex Hanburg M16 will be in the Fiscal year 2017 budget.
163012: VH1CO Fairfax Capacitor Bank	Transmission Substations	10	Q1	2015	932,509		2	2016	908,967					The project was used and useful as of October 29, 2015. The accounting was closed in November 2015	2%				
Transmission Substation Minor Adds 2015	Transmission Substations	10	Q1	2015	105,502	10,050	10	2015	33,251						-68%				
161613: Gorge 18F3 Breaker Reactors	Transmission Substations	11	Q1	2015	336,536		3	2016	282,981					The reason for not making the in-service date is technician resource were not available due to unforeseen work load and backing of capital projects.	-16%	The cost variance is mainly due to regulators being purchased to the blanket regulator account and estimated as direct materials.			
163505: Prince Job - Accolney	Transmission Substations	11	Q1	2015	110,022	5,877	12	2015	96,412					The project took longer than expected and was completed the first week of December 2015	-12%				
Transmission Substation Minor Adds 2015	Transmission Substations	11	Q1	2015	105,502	10,050	11	2015	16,500						-87%				
Transmission Substation Minor Adds 2015	Transmission Substations	12	Q1	2015	105,502	10,050	12	2015	17,179						-84%				
163297: Transmission Breaker Change Out Evans 3512	Transmission Substations	1	Q2	2016	98,619	93,870	3	2016	115,687	27,647				This project was delayed due to a failed relay discovered during the construction process as well as an unplanned need to install a bypass for reliability.	17%	The cost variance is mainly due to internal labor associated with installing the bypass and contractor cost for the foundation.			
163498 : ADAS Michjerter	Transmission Substations	1	Q2	2016	9,501		3	2016	2,568					This project was rescheduled to coincide with 3501 HSCAT project	-73%	The main reason for the underrun beyond 35% is due to the final design identifying less expensive Gateway to accomplish the communications than what was estimated.			
Transmission Substation Minor Adds 2015	Transmission Substations	1	Q2	2016	105,502	10,050	1	2016	35,679						-66%				
158633: HSCAT 3536 R/S	Transmission Substations	2	Q2	2016	35,598		3	2016	31,791					The reason for not making the in-service date is technician resource were not available due to unforeseen work load and backing of capital projects.	-11%				
158115: HSCAT 3525 PUTT	Transmission Substations	2	Q2	2016	25,981		4	2016	32,969					The reason for not making the in-service date is technician resource were not available due to unforeseen work load and backing of capital projects.	25%	The main reason for the overrun beyond 35% is due to additional fiber splice for cameras.			
Transmission Substation Minor Adds 2015	Transmission Substations	2	Q2	2016	105,502	10,050	2	2016	19,615						-82%				
160502: ADAS Little River	Transmission Substations	2	Q2	2016	10,523		3	2016	1,265					The reason for not making the in-service date is technician resource were not available due to unforeseen work load and backing of capital projects.	-88%	The main reason for the underrun beyond 35% is due to the final design identifying less expensive Gateway to accomplish the communications than what was estimated.			
163586: Line VT Replacements	Transmission Substations	2	Q2	2016	289,521	6,086	4	2016	87,660	3,657				The project was delayed due transmission system constraints delaying the ability to take an outage as well as Technician Resource Availability.	-69%	The main reason for the underrun beyond 35% is due to completing only 9 of the 6 strcs budgeted. The Little River VTs were not replaced as there is a large hydro project schedule to rebuild the Little River Substation.			
158122: HSCAT 3233 PUTT	Transmission Substations	3	Q2	2016	99,624						99,488.39			Project delayed to match up with a larger production project at Little River Hydro FY2018.	-100%				
158123: HSCAT 3308 PuSt	Transmission Substations	3	Q2	2016	70,710						76,427.47			Project was used and useful in April 28, 2016. Closing of the project accounting is in progress.	-100%				
158528: HSCAT 3306 PuSt	Transmission Substations	3	Q2	2016	71,869						24,229.39			Project delayed to match up with a larger project to rebuild the Webberville substation in FY2019.	-100%		Project delayed to match up with a larger project to rebuild the Webberville substation in FY2019.		
Transmission Substation Minor Adds 2015	Transmission Substations	3	Q2	2016	105,502	10,050	3	2016	139,501						32%				
160503: ADAS Vergennes	Transmission Substations	3	Q2	2016	9,502						9,877.33			Project was used and useful in March 28, 2016. Closing of the project accounting is in progress.	-100%				
161299: Transmission Breaker Change Out Digital 3332 & 3332	Transmission Substations	4	Q3	2016	176,927	29,086					63,393.21			Project was completed in May and will be closed in May 2016.	-100%				
163301: Transmission Breaker Change Out Cavendish 1T	Transmission Substations	4	Q3	2016	116,289	61,212					52,657.86			Project was completed on May 5, 2016 and will close in May 2016.	-100%				
Transmission Substation Minor Adds 2015	Transmission Substations	4	Q3	2016	105,502	10,050	4	2016	25,872						-75%				
163305 : Middlevex Substation R3 Security	Transmission Substations	5	Q3	2016	57,068						21,382.17			Project was completed in May 2016 and will close in June 2016.	-100%				
Transmission Substation Minor Adds 2015	Transmission Substations	5	Q3	2016	105,502	10,050									-100%				
Transmission Substation Minor Adds 2015	Transmission Substations	6	Q3	2016	105,502	10,050									-100%				
Transmission Substation Minor Adds 2015	Transmission Substations	7	Q4	2016	105,502	10,050									-100%				
Transmission Substation Minor Adds 2015	Transmission Substations	8	Q4	2016	105,502	10,050									-100%				
Transmission Substation Minor Adds 2015	Transmission Substations	9	Q4	2016	105,502	10,050									-100%				
163959: 2015 Fleet	Transportation	3	Q2	2016	2,972,139	1,170,930	9	2015	2,425,148	1,025,566	-	The actual amounts included here reflect only the purchase of bucket trucks to be consistent with the line requested.							
163563: 2016 Pur Trailers	Transportation	3	Q2	2016	124,768		1	2016	116,065										
163565: Fleet Fuel System	Transportation	3	Q2	2016	220,193	161,520					-	Project delayed due to additional available functionality, this project has been resubmitted in the FY 2017 filing at a much lower amount.							
163561: 2016 Pur Buckets and Diggers	Transportation	6	Q3	2016	2,898,690	1,170,925					13,561.95	Project may be delayed slightly due to an engineering delay with International Engineers.							
163563: 2016 Pur Small Trucks	Transportation	9	Q4	2016	1,282,835	824,802	3	2016	669,097		274,281.83	In process will be on target at year end.							
					107,806,660	21,992,586			101,125,359	19,829,084	12,281,672								

GREEN MOUNTAIN POWER CORPORATION
ALTERNATIVE REGULATION PLAN
POWER SUPPLY COST SUMMARY
TWELVE MONTHS ENDED SEPTEMBER 2017

	Description	RY Avg. Nominal Capacity MW	Avg '$/ KW-yr	Capacity Source	Energy MWH	Capacity Costs ($000)	Energy Source	Energy Costs ($000)	Total Costs ($000)
	Purchase Power								
1	Hydro Quebec C4-a	2	$228.67	LTC-1	11,044	442	LTC-1	385	827
2	HQUS PPA				1,001,228		LTC-1	52,400	52,400
3	NextEra Seabrook PPA	60	$54.33	LTC-1	467,928	3,260	LTC-1	23,343	26,603
4	VEPPI	30	$0.00		88,983		LTC-1	11,779	11,779
5	Other Renewable purchases				131,667		LTC-1	12,749	12,749
6	Ryegate	17	$0.00		143,083		LTC-1	14,748	14,748
7	SPEED standard offer	52	$0.00		85,920		LTC-1	18,258	18,258
8	Granite Reliable	81	$4.53		215,774	369	LTC-1	16,024	16,394
9	JP Morgan				230,425		LTC-1	13,471	13,471
10	NextEra System				109,150		LTC-1	4,322	4,322
11	Citigroup				306,600		LTC-1	15,943	15,943
12	Shell				503,120		LTC-1	22,854	22,854
13	BP				263,400		LTC-1	17,254	17,254
14	Net Metered Excess				83,082		LTC-1	21,679	21,679
15	Moretown	3		LTC-1	14,298	180	LTC-1	1,222	1,402
16	Ancillary Services			AS-1		750	AS-1	2,031	2,781
17	Congestion & Losses						CI-1	3,954	3,954
18	ISO-NE			AS-1	48,521	23,738	R-1	1,519	25,257
19	Other	15		LTC-1	13,437	583	LTC-1	635	1,218
									0
	Sub-Total	261			3,717,659	29,323		254,571	283,894
	Owned Entitlements (Cap Cost is O&M only)					**9,401**			
20	GMP G.T. & Diesel	98	$9.73	UOM-1	3,708	950	UOM-1	571	1,520
21	GMP Hydro	99	$42.05	UOM-1	400,205	4,144	UOM-1	0	4,144
22	GMP Wind and Solar	62	$69.14	UOM-1	204,058	4,308	UOM-1	0	4,308
23	McNeil	16	$153.83	UOM-1	91,925	2,384	UOM-1	6,673	9,057
24	Stony Brook	30	$25.53	UOM-1	14,628	776	UOM-1	641	1,417
25	Wyman #4	18	$18.58	UOM-1	4,844	335	UOM-1	322	658
26	Millstone 3	21	$178.52	UOM-1	181,090	3,815	UOM-1	1,444	5,258
	Sub-Total	344			900,458	16,712		9,650	26,362
						7,310			
	Trans. Rent and Trans by others								
27	Velco Specific Facilities					5,265	TBO-1		5,265
28	VELCO Common Charges					8,843	TBO-1		8,843
29	ISO - NOATT 1&9					66,833	TBO-1		66,833
30	ISO - Other					5,915	TBO-1		5,915
31	NEP					1,889	TBO-1		1,889
32	Phase I and II	81				3,392	TBO-1		3,392
33	Others					702	TBO-1		702
34	rents					300	TBO-1		300
35	Highgate					629	TBO-1		629
	Sub-Total	81				93,769			93,769
	Resales								
36	NEPOOL				(146,182)			(5,176)	(5,176)
37	KCW				(23,571)			(3,172)	(3,172)
38	NCPC Credits							(591)	(591)
39	RECs							(22,916)	(22,916)
	Sub-Total				(169,753)	-		(31,854)	(31,854)
40	ISO ANI Adjustment						R-1	2,322	2,322
41	Recovery of Q3 FY15 through Q2 FY16 undercollection							5,342	5,342
42	Sub-Total					0		7,663	7,663
43	**Total**	**686**			**4,448,364**	**139,803**		**240,031**	**379,834**

GREEN MOUNTAIN POWER CORPORATION
ALTERNATIVE REGULATION PLAN
POWER SUPPLY COST SUMMARY
TWELVE MONTHS ENDING MARCH 2016

	Description	Avg. Nominal Capacity MW	Avg $/ kW-yr	Capacity Source	Energy MWh	Capacity Costs ($000)	Energy Source	Energy Costs ($000)	Total Costs ($000)
	Purchase Power								
1	NextEra Nuclear	71	$37	page 3	447,751	2,636	page 2	21,594	24,230
2	HQ VJO Sched B	93	$220	page 3	542,517	20,572	page 2	18,516	39,088
3	HQ VJO Sched C-3	27	$228	page 3	158,215	6,115	page 2	5,424	11,538
4	HQ VJO Sched C-4a	23	$229	page 3	155,422	5,308	page 2	5,312	10,620
5	HQUS PPA				398,165	0	page 2	22,669	22,669
6	Granite Reliable				192,862	0	page 2	14,076	14,076
7	Small Power Producers	27		page 3	142,964	(57)	page 2	16,123	16,066
8	Ryegate	17			128,976	0	page 2	13,460	13,460
9	Standard Offer	40			75,276	0	page 2	16,592	16,592
10	Net Metered				44,143	0	page 2	10,226	10,226
11	Moretown	3	$60	page 3	17,382	180	page 2	1,487	1,667
12	Ampersand				25,584	0	page 2	2,402	2,402
13	JP Morgan				234,280	0	page 2	16,068	16,068
14	Citigroup				177,080	0	page 2	7,801	7,801
15	Shell Energy				73,945	0	page 2	3,186	3,186
16	BP				221,200	0	page 2	14,295	14,295
17	Cargill				84,335	0	page 2	5,780	5,780
18	NextEra System				333,400	0	page 2	15,890	15,890
19	Exgen				7,840	0	page 2	261	261
20	Stony Brook	14		page 3	0	1,096	page 2	330	1,426
21	HQ 9701			page 3	0	401	page 2	768	1,169
22	Other Misc	6		page 3	12,345	(1,121)	page 2	74	(1,047)
23	Amort/Deferral			page 3	0	(897)	page 2	326	(571)
24	ISO Energy			page 3	664,702	17,095	page 2	20,476	37,570
25	-								
26	Congestion						page 2	771	771
27	Losses						page 2	2,813	2,813
28	ISO Ancillary			page 3		638	page 2	2,008	2,646
	Sub-Total	321			4,138,386	51,966		238,727	290,692
	Owned Entitlements (Cap Cost is O&M only)								
29	Hydro	99	$40	page 4	391,513	3,923	page 5	0	3,923
30	GT/Diesel	97	$6	page 4	1,697	587	page 5	707	1,293
31	Wind	62	$66	page 4	183,744	4,066	page 5	0	4,066
32	Other owned	1	$47	page 4	12,812	47	page 5	0	47
33	Stonybrook	31	$25	page 4	14,846	776	page 5	968	1,744
34	Wyman	17	$20	page 4	2,831	335	page 5	623	958
35	McNeil	16	$148	page 4	91,802	2,384	page 5	6,280	8,664
36	Millstone	21	$180	page 4	181,870	3,815	page 5	1,334	5,149
	Sub-Total	344			881,115	15,934		9,911	25,845
	Trans. Rent and Trans by others								
37	VELCO - Spec. Fac.			page 6		4,467			4,467
38	VELCO - Common			page 6		14,892			14,892
39	ISO NE			page 6		61,547			61,547
40	National Grid			page 6		2,157			2,157
41	Phase I			page 6		242			242
42	Phase II	81		page 6		3,582			3,582
43	Misc. Utilities			page 6		813			813
44	ISO/NEPOOL Tariffs			page 6		5,768			5,768
45	Rents			page 6		300			300
46	Highgate O&M			page 6		629			629
	Sub-Total	81				94,397			94,397
						ok			ok
	Resales								
47	ISO NE #				-577,916		page 7	-14,412	-14,412
48	System				-594		page 7	-44	-44
49	Unit				-24,191		page 7	-3,618	-3,618
50	Capacity			page 7		-20	page 7		-20
51	RECs						page 7	-23,575	-23,575
	Sub-Total				-602,700	-20		-41,649	-41,669
52	**Total**	**746**			**4,416,801**	**162,277**		**206,988**	**369,265**

Includes energy, congestion, losses, and NCPC credits

V.P.S.B. DOCKET NO.
Attachment D, Schedule 2
June 1st, 2016

Exh. DCS-3
Test Year Monthly Summary

GREEN MOUNTAIN POWER CORPORATION
TEST YEAR POWER SUPPLY COSTS AND REVENUES
MONTHLY SUMMARY

Month	Own Load MWh	Purchased Energy	Fuel	Total Energy $000	Demand $000	Resales incl RECs $000	Trans-mission $000	O & M $000	Total PSA $000	Total PSA $/MWh
Apr	341,510	$19,735,669	$396,476	$20,132,145	$5,779,545	-$1,809,520	$7,894,416	$989,609	$32,986,195	$96.59
May	346,701	$15,984,628	$1,365,188	$17,349,815	$5,421,806	-$1,396,858	$9,274,308	$1,172,213	$31,821,284	$91.78
Jun	348,336	$17,542,749	-$3,359	$17,539,390	$6,056,247	-$8,082,115	$7,055,663	$1,894,529	$24,463,713	$70.23
Jul	387,225	$20,846,010	$849,522	$21,695,532	$5,113,585	-$1,497,412	$8,986,654	$1,717,979	$36,016,337	$93.01
Aug	391,003	$21,089,184	$1,214,203	$22,303,387	$7,004,375	-$1,376,914	$6,532,597	$1,210,227	$35,673,672	$91.24
Sep	360,230	$18,691,527	$599,245	$19,290,772	$5,612,839	-$7,503,470	$6,617,352	$1,206,055	$25,223,549	$70.02
Oct	350,779	$16,870,303	$859,801	$17,730,104	$5,720,786	-$1,038,863	$4,202,911	$1,171,728	$27,786,666	$79.21
Nov	350,392	$17,654,574	$695,049	$18,349,623	$1,449,235	-$1,226,877	$9,124,937	$1,207,376	$28,904,295	$82.49
Dec	378,198	$23,755,521	$808,661	$24,564,182	$2,323,967	-$8,757,410	$10,459,038	$1,125,319	$29,715,097	$78.57
Jan	416,362	$23,657,204	$1,183,705	$24,840,909	$2,465,686	-$1,315,568	$8,661,795	$1,652,086	$36,304,908	$87.20
Feb	380,614	$22,659,251	$884,610	$23,543,861	$2,518,394	-$1,265,613	$8,462,016	$1,305,999	$34,564,658	$90.81
Mar	365,454	$20,239,949	$1,057,999	$21,297,948	$2,499,409	-$6,398,676	$7,125,259	$1,280,755	$25,804,695	$70.61
Total	4,416,803	$238,726,568	$9,911,100	$248,637,668	$51,965,875	-$41,669,295	$94,396,943	$15,933,876	$369,265,067	$83.60

GREEN MOUNTAIN POWER CORPORATION
TEST YEAR POWER SUPPLY COSTS
PURCHASED POWER ENERGY
Page 2 of 7

Energy $000	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
NextEra Nuclear	1,749,872	1,895,757	2,038,342	2,352,847	2,386,674	1,708,851	(6,486)	1,015,601	2,353,967	2,213,121	2,198,803	1,686,478	21,593,828
HQ VJO Sched B	2,478,156	2,316,690	2,756,767	3,087,673	3,061,855	2,187,821	2,627,747	(354)	-	-	-	-	18,516,356
HQ VJO Sched C-3	745,253	679,095	802,506	898,633	892,887	638,950	765,781	545	-	-	-	-	5,423,649
HQ VJO Sched C-4a	350,771	334,031	399,655	447,676	443,300	313,905	380,671	482,020	592,976	498,825	528,140	540,122	5,312,092
HQUS PPA	235,807	243,654	235,794	243,654	243,654	235,794	243,654	4,142,174	4,280,246	4,280,246	4,004,101	4,280,246	22,669,024
Granite Reliable	1,381,946	1,218,007	918,902	833,001	615,604	741,985	1,351,877	1,441,150	1,277,783	1,403,759	1,532,635	1,359,127	14,075,775
Small Power Producers	2,715,283	972,254	1,933,248	1,167,352	535,382	321,831	485,910	1,048,129	2,228,874	1,225,991	1,467,201	2,021,615	16,123,069
Ryegate	987,509	586,024	1,077,011	1,054,488	1,244,149	1,236,019	1,191,803	1,258,657	1,290,338	1,154,219	1,148,300	1,231,846	13,460,362
Standard Offer	1,524,008	1,755,300	1,706,859	1,829,883	1,742,354	1,624,125	1,310,194	1,049,599	701,191	812,130	936,129	1,600,390	16,592,162
Net Metered	708,768	898,962	1,040,558	995,156	1,121,503	1,146,144	976,223	743,500	559,746	434,587	542,050	1,058,935	10,226,131
Moretown	149,917	130,634	147,409	148,109	144,395	130,543	141,359	130,284	5,232	102,343	129,425	126,888	1,486,537
Ampersand	197,700	267,102	260,435	213,598	154,151	93,938	172,881	110,470	255,728	225,637	167,176	283,229	2,402,048
JP Morgan	1,972,868	2,041,350	1,975,500	2,041,350	2,041,350	1,975,500	2,041,350	1,978,244	2,041,350	(2,041,350)	-	-	16,067,512
Citigroup	180,320	831,040	-	2,435,608	2,583,168	1,770,720	-	-	-	-	-	-	7,800,856
Shell Energy	-	-	-	-	-	-	863,060	-	-	364,000	382,200	1,576,272	3,185,533
BP	-	-	-	-	-	-	-	-	4,190,180	4,979,798	5,124,918	-	14,294,896
Cargill	-	-	-	-	-	-	-	-	-	3,315,450	1,191,900	1,272,388	5,779,738
NextEra System	438,472	505,196	1,734,824	1,782,484	2,259,084	2,173,296	467,068	859,072	1,353,544	1,772,952	1,658,568	885,285	15,889,844
Exgen	-	-	-	-	-	-	261,072	-	-	-	-	-	261,072
Stony Brook	8,575	4,113	59,339	85,094	141,445	(62,473)	(8,036)	1,838	11,461	69,458	14,775	4,757	330,347
HQ 9701	(108,017)	109,471	109,471	109,471	109,471	109,471	109,471	109,471	109,471	0	-	-	767,749
Other Misc	3,151	2,220	2,711	2,453	2,839	3,086	2,705	2,873	2,747	2,208	2,388	44,689	74,071
Amort/Deferral	27,155	27,156	27,155	27,156	27,155	27,156	27,155	27,156	27,155	27,156	27,155	26,980	325,691
ISO Energy	2,220,896	1,458,616	575,085	800,988	1,085,010	2,026,908	3,185,463	3,793,616	662,893	2,166,920	871,784	1,627,455	20,475,634
-	-	-	-	-	-	-	-	-	-	-	-	-	
Congestion	1,403,621	65,425	(533,472)	7,655	4,398	(42,734)	(33,985)	(189,325)	7,507	31,754	4,140	46,400	771,384
Losses	190,201	242,666	182,036	254,347	186,136	262,350	253,773	244,787	220,720	354,859	198,038	223,464	2,813,377
ISO Ancillary	173,436	(600,134)	92,614	27,334	63,219	68,342	59,593	(594,931)	1,582,412	263,140	529,424	343,384	2,007,833
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	$19,735,669	$15,984,628	$17,542,749	$20,846,010	$21,089,184	$18,691,527	$16,870,303	$17,654,574	$23,755,521	$23,657,204	$22,659,251	$20,239,949	$238,726,568

Energy MWh	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
NextEra Nuclear	43,200	44,640	43,183	44,640	44,640	39,682	7	22,272	44,631	41,987	41,760	37,110	447,751
HQ VJO Sched B	72,877	67,839	80,725	90,408	89,666	64,065	76,956	-	(19)	-	-	-	542,517
HQ VJO Sched C-3	21,220	19,886	23,499	26,324	26,136	18,710	22,407	-	33	-	-	-	158,215
HQ VJO Sched C-4a	10,565	9,782	11,703	13,106	12,981	9,268	11,156	14,030	17,238	14,514	15,366	15,715	155,422
HQUS PPA	3,754	3,879	3,754	3,879	3,879	3,754	3,879	73,300	75,743	75,743	70,857	75,743	398,165
Granite Reliable	19,044	16,765	12,485	11,185	8,283	10,344	18,599	19,939	17,547	19,258	21,113	18,301	192,862
Small Power Producers	19,872	10,933	17,875	9,874	5,023	2,878	5,687	8,495	16,078	10,538	15,490	20,220	142,964
Ryegate	9,478	5,617	10,338	10,122	11,945	11,867	11,226	11,731	12,056	11,298	11,240	12,059	128,976
Standard Offer	6,916	7,600	7,556	7,760	7,335	6,878	5,914	4,993	3,929	4,199	4,748	7,450	75,276
Net Metered	2,990	4,021	4,839	4,413	4,687	4,650	3,773	3,291	2,442	1,991	2,400	4,645	44,143
Moretown	1,749	1,528	1,724	1,732	1,689	1,527	1,653	1,524	60	1,258	1,454	1,484	17,382
Ampersand	2,298	2,748	2,762	2,308	1,692	1,055	1,769	1,222	2,589	2,411	1,791	2,940	25,584
JP Morgan	28,800	29,760	28,800	29,760	29,760	28,800	29,760	28,840	29,760	(29,760)	-	-	234,280
Citigroup	3,680	16,960	-	56,120	59,520	40,800	-	-	-	-	-	-	177,080
Shell Energy	-	-	-	-	-	-	20,360	-	-	8,000	8,400	37,185	73,945
BP	-	-	-	-	-	-	-	-	65,600	77,000	78,600	-	221,200
Cargill	-	-	-	-	-	-	-	-	-	48,360	17,400	18,575	84,335
NextEra System	9,200	10,600	36,400	37,400	47,400	45,600	9,800	18,025	28,400	37,200	34,800	18,575	333,400
Exgen	-	-	-	-	-	-	7,840	-	-	-	-	-	7,840
Stony Brook	-	-	-	-	-	-	-	-	-	-	-	-	0
HQ 9701	-	-	-	-	-	-	-	-	-	-	-	-	0
Other Misc	622	1,125	1,083	1,724	2,969	1,580	680	510	580	609	404	459	12,345
Amort/Deferral	-	-	-	-	-	-	-	-	-	-	-	-	0
ISO Energy	68,990	60,768	35,481	29,877	23,938	58,582	84,548	114,002	39,680	52,173	24,193	72,470	664,702
Total	325,254	314,451	322,208	380,632	381,543	350,040	316,013	322,175	356,347	376,777	350,015	342,930	4,138,386

Energy $/MWh													Total
NextEra Nuclear	$40.51	$42.47	$47.20	$52.71	$53.46	$43.06	($968.07)	$45.60	$52.74	$52.71	$52.65	$45.45	$48,227.28
HQ VJO Sched B	$34.00	$34.15	$34.15	$34.15	$34.15	$34.15	$34.15	N/A	$0.00	N/A	N/A	N/A	$34.13
HQ VJO Sched C-3	$35.12	$34.15	$34.15	$34.14	$34.16	$34.15	$34.18	N/A	$0.00	N/A	N/A	N/A	$34.28
HQ VJO Sched C-4a	$33.20	$34.15	$34.15	$34.16	$34.15	$33.87	$34.12	$34.36	$34.40	$34.37	$34.37	$34.37	$34.18
HQUS PPA	$62.81	$62.81	$62.81	$62.81	$62.81	$62.81	$62.81	$56.51	$56.51	$56.51	$56.51	$56.51	$56.93
Granite Reliable	$72.57	$72.65	$73.60	$74.47	$74.32	$71.73	$72.69	$72.28	$72.82	$72.89	$72.59	$74.26	$72.98
Small Power Producers	$136.64	$88.93	$108.15	$118.22	$106.58	$111.81	$85.44	$123.39	$138.63	$116.34	$94.72	$99.98	$112.78
Ryegate	$104.19	$104.33	$104.18	$104.18	$104.15	$104.15	$106.16	$107.29	$107.03	$102.17	$102.17	$102.16	$104.36
Standard Offer	$220.36	$230.96	$225.88	$235.82	$237.56	$236.13	$221.56	$210.21	$178.47	$193.43	$197.16	$214.83	$220.42
Net Metered	$237.05	$223.54	$215.04	$225.49	$239.26	$246.48	$258.75	$225.92	$229.23	$218.24	$225.86	$227.96	$231.66
Moretown	$85.74	$85.50	$85.50	$85.50	$85.50	$85.50	$85.50	$85.49	$86.91	$81.39	$88.99	$85.50	$85.52
Ampersand	$86.03	$97.21	$94.29	$92.55	$91.11	$89.03	$97.72	$90.39	$98.79	$93.61	$93.32	$96.35	$93.89
JP Morgan	$68.50	$68.59	$68.59	$68.59	$68.59	$68.59	$68.59	$68.59	$68.59	$68.59	N/A	N/A	$68.58
Citigroup	$49.00	$49.00	N/A	$43.40	$43.40	$43.40	N/A	N/A	N/A	N/A	N/A	N/A	$44.05
Shell Energy	N/A	N/A	N/A	N/A	N/A	N/A	$42.39	N/A	N/A	$45.50	$45.50	$42.39	$43.08
BP	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	$63.87	$64.67	$65.20	N/A	$64.62
Cargill	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	$68.56	$68.50	$68.50	$68.53
NextEra System	$47.66	$47.66	$47.66	$47.66	$47.66	$47.66	$47.66	$47.66	$47.66	$47.66	$47.66	$47.66	$47.66
Exgen	N/A	N/A	N/A	N/A	N/A	N/A	$33.30	N/A	N/A	N/A	N/A	N/A	$33.30
Stony Brook	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HQ 9701	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Other Misc	$5.06	$1.97	$2.50	$1.42	$0.96	$1.95	$3.98	$5.64	$4.74	$3.63	$5.91	$97.40	$6.00
Amort/Deferral	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ISO Energy	$32.19	$24.00	$16.21	$26.81	$45.33	$34.60	$37.68	$33.28	$16.71	$41.53	$36.03	$22.46	$30.80
Average	$60.68	$50.83	$54.45	$54.77	$55.27	$53.40	$53.38	$54.80	$66.66	$62.79	$64.74	$59.02	$57.69

Test Year Power Supply Costs

Purchase Power Capacity

Capacity $000

	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Yankees	(125,572)	(65,638)	(19,099)	(69,978)	(68,981)	(473,705)	(22,275)	(44,052)	(120,214)	(60,013)	(65,722)	(20,094)	$ (1,155,343)
Nextara Nuclear	-	-	-	524,836	263,925	263,925	263,925	263,925	263,925	263,925	263,925	263,925	2,636,236
HQ VJO B	2,938,855	2,938,855	2,938,855	2,048,855	3,828,855	2,938,855	2,938,855	(0)	-	-	-	-	20,571,987
HQ VJO C-3	873,536	873,536	873,536	873,536	873,536	873,536	873,536	-	-	-	-	-	6,114,752
HQ VJO C-4a	442,114	442,114	442,114	442,114	442,114	444,676	442,114	442,114	442,114	442,114	442,114	442,114	5,307,933
HQUS PPA	-	-	-	-	-	-	-	-	-	-	-	-	-
Granite	-	-	-	-	-	-	-	-	-	-	-	-	-
9701	121,532	34,974	34,974	34,974	34,974	34,974	34,974	34,974	34,974	-	-	-	401,322
Moretown	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	-	30,000	15,000	180,000
Stonybrook	93,387	93,387	93,387	93,387	93,386	93,387	93,387	93,387	93,387	93,387	76,968	85,177	1,096,011
Ampersand	-	-	-	-	-	-	-	-	-	-	-	-	-
SPP's	(127)	(8,301)	(5,982)	(2,790)	(9,525)	(5,620)	(5,644)	(6,756)	(5,314)	(2,526)	(2,242)	(2,235)	(57,063)
Ryegate	-	-	-	-	-	-	-	-	-	-	-	-	-
SPEED	-	-	-	-	-	-	-	-	-	-	-	-	-
NYPA	2,839	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	2,838	34,057
JP Morgan	-	-	-	-	-	-	-	-	-	-	-	-	-
NextEra Purchase	-	-	-	-	-	-	-	-	-	-	-	-	-
HQ/BP Purchases	-	-	-	-	-	-	-	-	-	-	-	-	-
Constellation	-	-	-	-	-	-	-	-	-	-	-	-	-
Misc Purchase	-	-	-	-	-	-	-	-	-	-	-	-	-
Amort/Def./Misc	(99,660)	(99,660)	(99,660)	(99,660)	(99,660)	(99,660)	(99,660)	(99,660)	(99,660)	-	-	-	(896,937)
ISO NE Ancillary	74,760	93,097	71,855	57,841	97,642	146,492	75,831	51,510	(5,540)	18,829	(11,399)	(32,667)	638,251
ISO NE Capacity	1,442,881	1,101,605	1,708,430	1,192,631	1,530,270	1,378,141	1,107,905	695,955	1,702,458	1,707,132	1,781,911	1,745,351	17,094,669
													-
Total	$5,779,545	$5,421,806	$6,056,247	$5,113,585	$7,004,375	$5,612,839	$5,720,786	$1,449,235	$2,323,967	$2,465,686	$2,518,394	$2,499,409	$ 51,965,875

Estimated Nominal Generating Capacity MW (FCM will be less)

	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Yankees	0	0	0	0	0	0	0	0	0	0	0	0	0
Nextara Nuclear	0	0	85	85	85	85	85	85	85	85	85	85	71
HQ VJO B	160	160	160	160	160	160	160	0	0	0	0	0	93
HQ VJO C-3	46	46	46	46	46	46	46	0	0	0	0	0	27
HQ VJO C-4a	23	23	23	23	23	23	23	23	23	23	23	23	23
HQUS PPA	0	0	0	0	0	0	0	0	0	0	0	0	0
Granite	0	0	0	0	0	0	0	0	0	0	0	0	0
9701	0	0	0	0	0	0	0	0	0	0	0	0	0
Moretown	3	3	3	3	3	3	3	3	3	3	3	3	3
Stonybrook	14	14	14	14	14	14	14	14	14	14	14	14	14
Ampersand	5	5	5	5	5	5	5	5	5	5	5	5	5
SPP's	27	27	27	27	27	27	27	27	27	27	27	27	27
Ryegate	17	17	17	17	17	17	17	17	17	17	17	17	17
SPEED	31	31	31	33	34	34	48	48	48	48	48	48	40
NYPA	1	1	1	1	1	1	1	1	1	1	1	1	1
JP Morgan	0	0	0	0	0	0	0	0	0	0	0	0	0
NextEra Purchase	0	0	0	0	0	0	0	0	0	0	0	0	0
HQ/BP Purchases	0	0	0	0	0	0	0	0	0	0	0	0	0
Constellation	0	0	0	0	0	0	0	0	0	0	0	0	0
Misc Purchase	0	0	0	0	0	0	0	0	0	0	0	0	0
Amort/Def./Misc													0
ISO NE Ancillary													0
ISO NE Capacity													0
HQICC													0
Total	327	327	412	414	415	415	429	223	223	223	223	223	321

Demand $/kW-Mo.

	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Yankees	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Nextara Nuclear	N/A	N/A	$0.00	$6.17	$3.11	$3.11	$3.11	$3.11	$3.11	$3.11	$3.11	$3.11	$37.22
HQ VJO C-3	$18.37	$18.37	$18.37	$12.81	$23.93	$18.37	$18.37	N/A	N/A	N/A	N/A	N/A	$220.41
HQ VJO C-4a	$18.99	$18.99	$18.99	$18.99	$18.99	$18.99	$18.99	N/A	N/A	N/A	N/A	N/A	$227.88
HQ VJO B	$19.06	$19.06	$19.06	$19.06	$19.06	$19.17	$19.06	$19.06	$19.06	$19.06	$19.06	$19.06	$228.79
HQUS PPA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Granite 1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9701	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Moretown	$5.00	$5.00	$5.00	$5.00	$5.00	$5.00	$5.00	$5.00	$5.00	$0.00	$10.00	$5.00	$60.00
Stonybrook	$6.56	$6.56	$6.56	$6.56	$6.56	$6.56	$6.56	$6.56	$6.56	$6.56	$5.40	$5.98	$76.94
Ampersand	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
SPP's	$0.00	-$0.31	-$0.22	-$0.10	-$0.35	-$0.21	-$0.21	-$0.25	-$0.20	-$0.09	-$0.08	-$0.08	-$2.11
Ryegate	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
SPEED	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
NYPA	$4.73	$4.73	$4.73	$4.73	$4.73	$4.73	$4.73	$4.73	$4.73	$4.73	$4.73	$4.73	$56.76
JP Morgan	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NextEra Purchase	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HQ/BP Purchases	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Constellation	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Misc Purchase	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Macquarie	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Amort/Def./Misc	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ISO NE Ancillary	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ISO NE Capacity	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
HQICC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

GREEN MOUNTAIN POWER CORPORATION
V.P.S.B. DOCKET NO.
Attachment D, Schedule 2
Page 4 of 7
June 1st, 2016

Test Year Power Supply Costs

Owned Generation O&M

Generation O & M $000

	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Hydro	$ 304,235	$ 286,874	$ 431,327	$ 201,266	$ 401,630	$ 253,618	$ 365,322	$ 348,271	$ 363,657	$ 312,261	$ 304,482	$ 350,002	$ 3,922,945
GT/Diesel	19,787	75,422	91,173	47,365	31,286	45,716	42,413	53,303	66,668	42,238	30,537	40,827	586,735
Wind	452,941	237,603	280,721	344,732	279,049	284,895	328,306	304,779	206,375	691,547	375,727	279,641	4,066,317
Other owned	18,890	1,554	(6,758)	(1,767)	3,312	1,771	5,395	14,953	4,489	2,620	1,732	1,264	47,456
Stonybrook	72,144	50,343	62,835	86,277	42,859	87,084	98,737	51,473	52,628	81,856	38,686	50,980	775,902
Wyman	(272,684)	19,999	449,397	14,830	10,333	92,739	(48,994)	(24,054)	38,941	14,048	25,004	15,737	335,296
McNeil	122,150	180,130	279,543	731,297	142,535	121,758	112,643	172,718	116,592	164,771	144,601	95,564	2,384,300
Millstone	272,146	320,286	306,291	293,978	299,223	318,475	267,906	285,933	275,970	342,745	385,229	446,740	3,814,926
Total	$ 989,609	$ 1,172,213	$ 1,894,529	$ 1,717,979	$ 1,210,227	$ 1,206,055	$ 1,171,728	$ 1,207,376	$ 1,125,319	$ 1,652,086	$ 1,305,999	$ 1,280,755	$ 15,933,876

Owned Company-owned Nominal MW (FCM will be less)

	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Hydro	99	99	99	99	99	99	99	99	99	99	99	99	99
GT/Diesel	98	97	97	97	97	97	97	97	97	97	97	97	97
Wind (net)	62	62	62	62	62	62	62	62	62	62	62	62	62
Other owned													-
Stonybrook	31	31	31	31	31	31	31	31	31	31	31	31	31
Wyman	18	17	17	17	17	17	17	17	17	17	17	17	17
McNeil	16	16	16	16	16	16	16	16	16	16	16	16	16
Millstone	21	21	21	21	21	21	21	21	21	21	21	21	21
Total	246	244	244	244	244	244	244	244	244	244	244	244	245

Owned O & M $/kW-Mo.	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Hydro	$ 3.09	$ 2.91	$ 4.38	$ 2.04	$ 4.08	$ 2.57	$ 3.71	$ 3.53	$ 3.69	$ 3.17	$ 3.09	$ 3.55	$ 39.81
GT/Diesel	0.20	0.78	0.94	0.49	0.32	0.47	0.44	0.55	0.69	0.44	0.31	0.42	6.05
Wind	7.27	3.83	4.53	5.56	4.50	4.60	5.30	4.92	3.33	11.15	6.06	4.51	65.56
Other owned	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Stonybrook	2.30	1.62	2.02	2.78	1.38	2.80	3.18	1.66	1.69	2.64	1.25	1.64	24.97
Wyman	(15.11)	1.18	26.44	0.87	0.61	5.46	(2.88)	(1.41)	2.29	0.83	1.47	0.93	19.62
McNeil	7.88	11.17	17.34	45.37	8.84	7.55	6.99	10.71	7.23	10.22	8.97	5.93	148.39
Millstone	12.74	15.11	14.45	13.87	14.12	15.03	12.64	13.49	13.02	16.17	18.17	21.08	179.86

Test Year Power Supply Costs

GREEN MOUNTAIN POWER CORPORATION
V.P.S.B. DOCKET NO.
Attachment D, Schedule 2
Page 5 of 7
June 1st, 2016

Generation Fuel

	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Hydro	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
GT/Diesel	(4,071)	(22,687)	17,264	28,341	132,371	257,639	78,995	71,229	12,226	76,883	34,450	23,966	706,604
Wind	-	-	-	-	-	-	-	-	-	-	-	-	0
Other owned	-	-	-	-	-	-	-	-	-	-	-	-	0
Stonybrook	16,416	196,891	(22,626)	153,462	309,835	(136,925)	(17,651)	4,020	25,100	152,097	32,354	255,513	968,486
Wyman	26,958	697,977	(424,861)	45,835	17,028	51,412	2,775	3,948	12,686	77,980	176,260	(65,422)	622,578
McNeil	257,879	376,639	300,193	506,522	654,593	316,216	679,892	503,408	642,640	781,006	532,941	727,830	6,279,759
Millstone	99,293	116,368	126,670	115,362	100,376	110,903	115,790	112,444	116,009	95,739	108,606	116,113	1,333,673
Total	$ 396,476	$ 1,365,188	$ (3,359)	$ 849,522	$ 1,214,203	$ 599,245	$ 859,801	$ 695,049	$ 808,661	$ 1,183,705	$ 884,610	$ 1,057,999	$ 9,911,100

Generation Fuel MWh

	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Hydro	44,504	36,416	54,428	34,662	10,031	4,559	16,105	22,330	42,055	36,295	39,335	50,793	391,513
GT/Diesel	13	(2)	39	85	287	647	146	151	5	158	73	94	1,697
Wind (1)	19,270	17,643	13,010	12,861	10,236	8,984	18,255	18,514	14,553	18,480	18,586	13,354	183,744
Other owned	1,306	780	725	561	530	534	1,312	1,283	1,340	1,709	1,537	1,196	12,812
Stonybrook	90	2,122	849	2,864	5,402	2,268	296	127	295	464	5	64	14,846
Wyman	-	0	-	301	113	272	60	1	66	482	1,537	-	2,831
McNeil	2,900	4,998	5,490	7,867	9,363	4,311	9,415	9,415	8,992	10,344	9,736	8,972	91,802
Millstone	13,541	15,869	15,310	15,732	15,653	15,120	15,782	15,334	15,820	13,066	14,811	15,834	181,870
Total	81,623	77,826	89,848	74,934	51,615	36,693	61,372	67,156	83,126	80,996	85,619	90,307	881,115

Generatino Fuel $/MWh

	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Hydro	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
GT/Diesel	(313.18)	13,345.34	446.10	331.86	460.58	398.39	541.43	470.78	2,495.10	485.98	470.62	253.88	416.29
Wind	-	-	-	-	-	-	-	-	-	-	-	-	-
Other owned	-	-	-	-	-	-	-	-	-	-	-	-	-
Stonybrook	181.79	92.78	(26.67)	53.58	57.36	(60.38)	(59.57)	31.63	85.06	328.01	6,343.89	3,973.76	65.24
Wyman	N/A	##########	N/A	152.22	150.96	189.16	46.56	2,924.70	191.63	161.88	114.70	N/A	219.89
McNeil	88.94	75.37	54.69	64.39	69.91	73.35	72.21	53.47	71.46	75.51	54.74	81.12	68.41
Millstone	7.33	7.33	8.27	7.33	6.41	7.33	7.34	7.33	7.33	7.33	7.33	7.33	7.33

Notes: (1) Includes resale volume

Test Year Power Supply Costs

GREEN MOUNTAIN POWER CORPORATION
V.P.S.B. DOCKET NO.
Attachment D, Schedule 2
Page 6 of 7
June 1st, 2016

Purchased Transmission plus Highgate O&M

	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
VELCO - Spec. Fac.	$ 302,446	$ 324,726	$ 442,563	$ 363,450	$ 418,109	$ 371,682	$ 454,302	$ 366,404	$ 311,681	$ 385,147	$ 366,173	$ 360,039	$ 4,466,723
VELCO - Common	2,167,704	3,306,264	969,309	2,263,535	(594,325)	(327,648)	(1,828,415)	2,261,297	3,010,840	1,326,355	1,172,187	1,164,486	14,891,589
ISO NE	4,415,694	4,275,788	4,415,849	5,303,055	5,702,751	5,543,969	4,624,862	5,185,807	5,580,321	5,870,378	5,665,031	4,963,095	61,546,601
National Grid	302,627	142,382	177,067	66,433	43,100	85,235	70,734	124,722	575,718	37,091	407,713	124,348	2,157,168
Phase I	11,949	14,422	15,532	15,593	12,984	21,813	12,474	90,305	14,009	15,310	3,115	14,889	242,395
Phase II	269,540	360,303	332,389	330,207	290,252	309,923	324,741	821,186	61,711	164,674	115,962	201,424	3,582,313
Misc. Utilities	101,388	357,004	66,129	60,401	64,230	31,481	69,578	52,294	97,007	93,018	64,176	(243,436)	813,270
Sub-Total	$ 7,571,348	$ 8,780,889	$ 6,418,839	$ 8,402,674	$ 5,937,101	$ 6,036,455	$ 3,728,276	$ 8,902,015	$ 9,651,287	$ 7,891,974	$ 7,794,357	$ 6,584,844	$ 87,700,059
ISO/NEPOOL Tariffs	273,097	437,644	470,827	520,034	527,731	489,638	338,407	151,425	763,188	674,224	628,582	493,024	5,767,821
Rents	20,441	32,983	22,104	26,838	26,620	27,145	20,952	23,600	27,447	21,507	26,313	23,906	299,855
Highgate O&M	29,530	22,792	143,893	37,107	41,146	64,114	115,276	47,897	17,115	74,090	12,765	23,484	629,208
Total	$ 7,894,416	$ 9,274,308	$ 7,055,663	$ 8,986,654	$ 6,532,597	$ 6,617,352	$ 4,202,911	$ 9,124,937	$ 10,459,038	$ 8,661,795	$ 8,462,016	$ 7,125,259	$ 94,396,943

Test Year Power Supply Costs

GREEN MOUNTAIN POWER CORPORATION
V.P.S.B. DOCKET NO.
Attachment D, Schedule 2
Page 7 of 7
June 1st, 2016

Resales ($000)

Resales Energy $	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Total**
System	$ (3,416)	$ (3,040)	$ (3,355)	$ (3,247)	$ (3,739)	$ (3,542)	$ (3,234)	$ (3,883)	$ (4,016)	$ (4,158)	$ (4,536)	$ (4,253)	$ (44,420)
Unit	(276,659)	(283,894)	(261,250)	(275,499)	(293,006)	(577,983)	(244,464)	(267,545)	(263,549)	(277,477)	(326,085)	(270,386)	(3,617,797)
ISO NE	(1,662,140)	(1,179,733)	(1,112,730)	(1,324,784)	(1,279,970)	(1,042,398)	(787,089)	(933,650)	(1,024,303)	(1,075,229)	(1,139,514)	(1,021,654)	(13,583,195)
NCPC	-	-	-	-	-	-	-	-	(1,571,670)	-	-	(278,825)	(1,850,495)
Congestion	64,903	16,161	43,322	18,654	12,232	19,655	323	580	12,042	8,383	61,476	4,795	262,526
Losses	69,295	55,230	81,378	89,099	189,251	44,206	(2,859)	(20,570)	56,743	34,797	144,763	17,704	759,037
Total	$ (1,808,017)	$ (1,395,276)	$ (1,252,635)	$ (1,495,777)	$ (1,375,232)	$ (1,560,062)	$ (1,037,323)	$ (1,225,068)	$ (2,794,753)	$ (1,313,685)	$ (1,263,896)	$ (1,552,620)	$ (18,074,342)

Resales Other $	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Total**
Demand	(1,353)	(1,422)	(1,342)	(1,466)	(1,514)	(1,523)	(1,367)	(1,612)	(1,599)	(1,680)	(1,532)	(1,474)	(17,886)
Transmission	(149)	(160)	(149)	(169)	(168)	(178)	(173)	(197)	(191)	(203)	(185)	(172)	(2,093)
Total	$ (1,503)	$ (1,582)	$ (1,492)	$ (1,635)	$ (1,682)	$ (1,700)	$ (1,540)	$ (1,809)	$ (1,790)	$ (1,883)	$ (1,717)	$ (1,646)	$ (19,979)

Resales REC's $	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Total**
Total	$ -	$ -	$ (6,827,989)	$ -	$ -	$ (5,941,707)	$ -	$ -	$ (5,960,867)	$ -	$ -	$ (4,844,411)	$ (23,574,974)

Resales Total $	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Total**
Total	$ (1,809,520)	$ (1,396,858)	$ (8,082,115)	$ (1,497,412)	$ (1,376,914)	$ (7,503,470)	$ (1,038,863)	$ (1,226,877)	$ (8,757,410)	$ (1,315,568)	$ (1,265,613)	$ (6,398,676)	$ (41,669,295)

Resales Energy MWh	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Total**
System	(45)	(41)	(47)	(49)	(50)	(46)	(45)	(52)	(55)	(55)	(56)	(52)	(594)
Unit	(2,556)	(2,447)	(2,240)	(1,652)	(1,633)	(1,300)	(1,141)	(2,318)	(2,348)	(1,848)	(2,347)	(2,360)	(24,191)
ISO NE	(62,767)	(43,089)	(61,433)	(66,640)	(40,471)	(25,158)	(25,420)	(36,568)	(58,873)	(39,508)	(52,618)	(65,372)	(577,916)
Total	(65,368)	(45,577)	(63,720)	(68,341)	(42,154)	(26,504)	(26,606)	(38,938)	(61,276)	(41,411)	(55,021)	(67,784)	(602,700)

Green Mountain Power Corporation
Load at Retail and System Boundary

GREEN MOUNTAIN POWER CORPORATION
V.P.S.B. DOCKET NO.
Attachment D, Schedule 3
Page 1 of 10
June 1st, 2016

L-1

Retail Sales (1)

Period	Total	2016 Oct	Nov	Dec	2017 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
On-Peak	2,169,506	167,448	175,129	189,708	193,269	183,997	189,794	158,976	170,067	188,221	179,932	204,913	168,052
Off-Peak	2,042,434	161,869	168,401	189,503	197,706	173,050	165,523	162,796	153,441	153,704	188,125	162,926	165,391
All	4,211,941	329,317	343,530	379,211	390,975	357,047	355,317	321,772	323,508	341,925	368,057	367,838	333,443
GMP Est. Losses	5.3%	5.1%	5.3%	5.5%	5.6%	5.5%	5.3%	5.1%	5.1%	5.3%	5.4%	5.4%	5.2%

System Boundary Load - Including Losses

Period	Total	2016 Oct	Nov	Dec	2017 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
On-Peak	2,291,305	176,428	184,911	200,728	204,712	194,686	200,395	167,501	179,187	198,734	190,183	216,587	177,251
Off-Peak	2,157,131	170,550	177,807	200,511	209,412	183,102	174,769	171,527	161,670	162,289	198,842	172,208	174,445
All	4,448,436	346,978	362,718	401,239	414,124	377,788	375,163	339,028	340,857	361,024	389,026	388,794	351,696

	Total	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Contracts	3,645,566	273,044	269,619	323,055	343,774	314,255	282,850	243,406	292,057	311,505	351,255	345,869	294,876
Units	900,458	65,181	76,304	83,537	84,876	74,297	85,082	84,913	89,321	75,954	70,276	58,959	51,757
Total	4,546,024	338,225	345,923	406,592	428,650	388,552	367,933	328,318	381,378	387,460	421,531	404,828	346,633
Surplus/(Deficiency) (2)	97,588	(8,753)	(16,794)	5,353	14,526	10,765	(7,231)	(10,710)	40,521	26,436	32,505	16,034	(5,064)

Notes
(1) Includes 540 MWh of wholesale requirements sales
(2) Surplus/Deficiency values differ slightly (73 MWh annual total) with those from April 21, 2016 Output due to modeling requirements

Green Mountain Power Corporation
Ancillary Service Costs and Credits

GREEN MOUNTAIN POWER CORPORATION
V.P.S.B.DOCKET NO.
Attachment D, Schedule 3
Page 2 of 10
June 1st, 2016 **AS-1**

			2016			2017								
		TOTAL	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
DEMAND RESPONSE	1	$120,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
RESERVES	1	630,000	52,500	52,500	52,500	52,500	52,500	52,500	52,500	52,500	52,500	52,500	52,500	52,500
Demand Sub-total		$ 750,000	$ 62,500	$ 62,500	$ 62,500	$ 62,500	$ 62,500	$ 62,500	$ 62,500	$ 62,500	$ 62,500	$ 62,500	$ 62,500	$ 62,500
FORWARD CAPACITY MARKET	1	23,738,013	1,306,839	1,374,942	1,374,942	1,374,942	1,374,942	1,374,942	1,434,162	1,404,552	3,179,437	3,179,437	3,179,437	3,179,437
Demand Total		$ 24,488,013	$ 1,369,339	$ 1,437,442	$ 1,437,442	$ 1,437,442	$ 1,437,442	$ 1,437,442	$ 1,496,662	$ 1,467,052	$ 3,241,937	$ 3,241,937	$ 3,241,937	$ 3,241,937
ENERGY RT REG SETTLEMENT	2	679,944	38,554	47,275	87,699	100,960	92,004	55,300	41,180	38,287	44,315	46,491	48,936	38,944
OPERATING RESERVE - NCPC	2	1,249,036	22,444	125,003	177,211	275,953	120,522	185,703	2,065	6,610	89,944	90,380	129,670	23,529
AUCTION REVENUE RIGHTS	2	(120,000)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)	(10,000)
OTHER	2	221,855	-	-	281,250	281,250	263,105	-	(603,750)	-	-	-	-	-
Energy Total		$ 2,030,835	$ 50,998	$ 162,279	$ 536,160	$ 648,163	$ 465,631	$ 231,004	$ (570,505)	$ 34,897	$ 124,259	$ 126,871	$ 168,606	$ 52,473
Total Cost		$ 26,518,848	$ 1,420,338	$ 1,599,721	$ 1,973,603	$ 2,085,606	$ 1,903,074	$ 1,668,446	$ 926,157	$ 1,501,949	$ 3,366,196	$ 3,368,808	$ 3,410,543	$ 3,294,410
OPERATING RESERVE CREDIT	3	$ (591,000)	$ (50,000)	$ (50,000)	$ (50,000)	$ (36,667)	$ (36,667)	$ (36,667)	$ (43,667)	$ (43,667)	$ (43,667)	$ (66,667)	$ (66,667)	$ (66,667)

1 = demand; 2 = Energy, 3 = Resale Energy $ 1,439,835

Green Mountain Power Corporation
Forward prices used in model

GREEN MOUNTAIN POWER CORPORATION
V.P.S.B. DOCKET NO.
Attachment D, Schedule 3
Page 3 of 10
June 1st, 2016

		2016 Oct	Nov	Dec	2017 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
FY2015	On-Peak	$ 32.85	$ 38.50	$ 50.65	$ 68.25	$ 68.25	$ 46.86	$ 40.11	$ 32.25	$ 36.50	$ 40.75	$ 40.75	$ 30.75
	Off-Peak	$ 23.00	$ 28.00	$ 39.50	$ 53.75	$ 53.75	$ 36.90	$ 30.40	$ 22.00	$ 23.50	$ 24.25	$ 24.25	$ 21.40
	Flat	$ 27.45	$ 32.89	$ 44.54	$ 60.47	$ 60.47	$ 41.71	$ 34.85	$ 26.85	$ 29.86	$ 31.88	$ 31.88	$ 25.56

Green Mountain Power Corporation
Congestion & Losses Expense (1)

GREEN MOUNTAIN POWER CORPORATION
V.P.S.B. DOCKET NO.
Attachment D, Schedule 3
Page 4 of 10
June 1st, 2016
FCL-1

		2016				2017								
Production	**Total**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**
On-peak	$ 3,855,377	$ 235,757	$ 293,102	$ 391,514	$ 543,094	$ 495,610	$ 380,099	$ 266,105	$ 244,831	$ 253,861	$ 262,543	$ 285,451	$ 203,411
Off-peak	2,284,784	142,661	174,455	262,885	352,628	313,314	234,488	187,587	128,941	121,656	134,403	117,659	114,109
Total	$ 6,140,161	$ 378,417	$ 467,556	$ 654,398	$ 895,722	$ 808,924	$ 614,586	$ 453,691	$ 373,772	$ 375,517	$ 396,946	$ 403,110	$ 317,519

Load	Year	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**
On-peak	(516,610)	(29,496)	(36,231)	(51,743)	(71,106)	(67,623)	(47,791)	(34,193)	(29,410)	(36,917)	(39,442)	(44,918)	(27,739)
Off-peak	(1,669,498)	(97,346)	(118,944)	(176,462)	(248,334)	(217,134)	(142,298)	(119,541)	(90,592)	(102,924)	(140,789)	(121,930)	(93,204)
Total	$ (2,186,109)	$ (126,842)	$ (155,175)	$ (228,204)	$ (319,440)	$ (284,758)	$ (190,089)	$ (153,734)	$ (120,002)	$ (139,841)	$ (180,231)	$ (166,848)	$ (120,944)

Net	Year	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**
On-peak	3,338,766	206,260	256,870	339,771	471,988	427,986	332,307	231,912	215,421	216,944	223,101	240,533	175,672
Off-peak	615,286	45,315	55,511	86,423	104,294	96,180	92,190	68,046	38,349	18,733	(6,386)	(4,271)	20,904
Total	$ 3,954,052	$ 251,575	$ 312,381	$ 426,194	$ 576,282	$ 524,166	$ 424,497	$ 299,958	$ 253,770	$ 235,677	$ 216,715	$ 236,262	$ 196,576

Notes: (1) Losses and Congestion were estimated together by resource and load
(2) Excess Marginal Losses are calculated hourly by the Pool as the difference between the sum of marginal loss costs and actual (average) costs, and are allocated back to utilities

GREEN MOUNTAIN POWER CORPORATION
V.P.S.B. DOCKET NO.
Attachment D, Schedule 3
Page 5 of 10
June 1st, 2016

Green Mountain Power Corporation
Generation Entitlements (1)

NAME	VINTAGE	EST. PLANT SIZE AVG MW (2)	GMP % SHARE	AVG GMP SHARE MW (2)	GMP CUM MW (2)	TYPE	FUEL	LOCATION
Kingdom	2012	64.5	87.3%	56.3	56.3	Wind	Wind	VT
Searsburg	1997	6.0	100.0%	6.0	62.3	Wind	Wind	VT
Granite Reliable	2012	99.0	82.3%	81.5	143.8	Wind	Wind	NH
McNeil	1984	50.0	31.0%	15.5	159.3	Steam	Wood/Gas/Oil #2	VT
Ryegate	1989	21.0	81.0%	17.0	176.3	Steam	Wood	VT
Wyman #4	1978	618.0	2.9%	18.0	194.3	Steam	Oil #6	ME
Standard Offer		67.0	78.0%	52.3	246.6	Renewable	Renewable	VT
GMP Solar		4.0	100.0%	4.0	250.6	Renewable	Renewable	VT
Solar PPA's		36.0	100.0%	36.0	286.6	Renewable	Renewable	VT
Seabrook		1,246.0	4.8%	60.0	346.6	Nuclear	Nuclear	NH
Millstone 3	1987	1,235.0	1.7%	21.4	368.0	Nuclear	Nuclear	CT
Moretown	2008	3.0	100.0%	3.0	371.0	Landfill	Methane	VT
Essex #19	1917	7.2	100.0%	7.2	378.2	Hydro	Water	VT
Deforge #1	1986	7.0	100.0%	7.0	385.2	Hydro	Water	VT
Waterbury #22	1953	5.5	100.0%	5.5	390.7	Hydro	Water	VT
Marshfield #6	1927	5.0	100.0%	5.0	395.7	Hydro	Water	VT
Gorge #18	1928	3.0	100.0%	3.0	398.7	Hydro	Water	VT
Middlesex #2	1928	3.2	100.0%	3.2	401.9	Hydro	Water	VT
Vergennes #9c	1912	2.4	100.0%	2.4	404.3	Hydro	Water	VT
W. Danville #15	1917	1.0	100.0%	1.0	405.3	Hydro	Water	VT
SPP's		32.0	78.0%	25.0	430.2	Hydro	Water	VT
Ampersand		5.0	100.0%	5.0	435.2	Hydro	Water	VT?
Fairfax Falls	1920	4.2	100.0%	4.2	439.4	Hydro	Water	VT
Clark Falls	1937	3.0	100.0%	3.0	442.4	Hydro	Water	VT
Milton	1929	7.5	100.0%	7.5	449.9	Hydro	Water	VT
Peterson	1948	6.4	100.0%	6.4	456.3	Hydro	Water	VT
Pierce Mills	1928	0.3	100.0%	0.3	456.5	Hydro	Water	VT
Arnold Falls	1928	0.4	100.0%	0.4	456.9	Hydro	Water	VT
Gage	1919	0.7	100.0%	0.7	457.6	Hydro	Water	VT
Passumpsic	1928	0.7	100.0%	0.7	458.3	Hydro	Water	VT
E Barnet	1983	2.2	100.0%	2.2	460.5	Hydro	Water	VT
Smith	1984	1.5	100.0%	1.5	462.0	Hydro	Water	VT
Silver Lake	1916	2.2	100.0%	2.2	464.2	Hydro	Water	VT
Salisbury	1917	1.3	100.0%	1.3	465.5	Hydro	Water	VT
Middlebury Lower	1920	2.3	100.0%	2.3	467.7	Hydro	Water	VT
Beldens	1913/1988	5.9	100.0%	5.9	473.6	Hydro	Water	VT
Huntington Falls	1911/1989	5.5	100.0%	5.5	479.1	Hydro	Water	VT
Weybridge	1951	3.0	100.0%	3.0	482.1	Hydro	Water	VT
E Pittsford	1914	3.6	100.0%	3.6	485.7	Hydro	Water	VT
Glen	1920	2.0	100.0%	2.0	487.7	Hydro	Water	VT
Patch	1921	0.4	100.0%	0.4	488.1	Hydro	Water	VT
Ctr Rutland	1898	0.3	100.0%	0.3	488.3	Hydro	Water	VT
Proctor	1905/1984	6.9	100.0%	6.9	495.2	Hydro	Water	VT
Carver Falls	1894	2.3	100.0%	2.3	497.5	Hydro	Water	VT
Cavendish	1908	1.4	100.0%	1.4	499.0	Hydro	Water	VT
Taftsville	1942	0.5	100.0%	0.5	499.5	Hydro	Water	VT
North Hartland		4.0	100.0%	4.0	503.5	Hydro	Water	VT
Colchester #16	1965	17.0	100.0%	17.0	520.5	Gas Turbine	Oil #2	VT
Ascutney	1961	12.5	100.0%	12.5	533.0	Gas Turbine	Oil #2	VT
Rutland 5	1962	12.5	100.0%	12.5	545.5	Gas Turbine	Oil #2	VT
Berlin #5	1972	46.5	93.7%	43.6	589.1	Gas Turbine	Oil #1/Kero	VT
Vergennes #9	1964	4.0	100.0%	4.0	593.1	Diesel	Oil #2	VT
Essex #19	1947	8.0	100.0%	8.0	601.1	Diesel	Oil #2	VT
HQ-C4a	1995	1.9	100.0%	1.9	603.0	Contract	System	HG/Phase II
NYPA		0.6	100.0%	0.6	603.6	Contract	System	NY
Stonybrook	1981	353.9	12.9%	45.6	649.2	CC/SC	Oil #2/Gas	MA

Notes: (1) Table represents nominal capacity value of resource
(2) MW are installed values, not ICAP

Green Mountain Power Corporation
Power Supply Reconciliation

GREEN MOUNTAIN POWER CORPORATION
V.P.S.B. DOCKET NO.
Attachment D, Schedule 3
Page 6 of 10
June 1st, 2016
R-1

			2016			2017								
		Total	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Net deficiency/(surplus)		(97,660)	8,747	16,788	(5,359)	(14,532)	(10,771)	7,225	10,704	(40,527)	(26,442)	(32,511)	(16,040)	5,058
MWH														
Purchases	On	15,026	3,226	2,386	-	-	-	2,823	4,106	-	-	-	-	2,485
	Off	33,495	5,521	14,402	-	-	-	4,402	6,598	-	-	-	-	2,572
Resales	On	(68,567)	-	-	(573)	(9,041)	(6,065)	-	-	(24,088)	(9,707)	(15,433)	(3,659)	-
	Off	(77,614)	-	-	(4,785)	(5,491)	(4,706)	-	-	(16,438)	(16,735)	(17,078)	(12,381)	-
Net ISO		(97,660)	8,747	16,788	(5,359)	(14,532)	(10,771)	7,225	10,704	(40,527)	(26,442)	(32,511)	(16,040)	5,058
Dollars														
Purchases	On	$571,231	$105,969	$91,865	$0	$0	$0	$132,278	$164,692	$0	$0	$0	$0	$76,426
	Off	948,237	126,988	403,264	-	-	-	162,402	200,539	-	-	-	-	55,044
Resales	On	(2,969,205)	-	-	(29,040)	(617,065)	(413,941)	-	-	(776,850)	(354,297)	(628,909)	(149,103)	-
	Off	(2,206,389)	-	-	(189,019)	(295,150)	(252,923)	-	-	(361,644)	(393,280)	(414,135)	(300,239)	-
ISO ANI Adjustment		2,321,642	141,624	170,957	231,025	312,728	312,958	215,797	179,106	139,671	154,044	163,570	167,231	132,930
Net ISO		($1,334,485)	$374,582	$666,086	$12,966	($599,487)	($353,906)	$510,477	$544,337	($998,823)	($593,532)	($879,475)	($282,111)	$264,400

GREEN MOUNTAIN POWER CORPORATION
V.P.S.B. DOCKET NO.
Attachment D, Schedule 3
Page 7 of 10
June 1st, 2016

Green Mountain Power Corporation
Operations & Maintenance

		Source	Total	2016 Oct	Nov	Dec	2017 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	UOM-1 Sep
J C McNeil Wood	1	Budget/Forecast	2,384,300	198,692	198,692	198,692	198,692	198,692	198,692	198,692	198,692	198,692	198,692	198,692	198,692
Stonybrk CC	2	Forecast	775,902	64,659	64,659	64,659	64,659	64,659	64,659	64,659	64,659	64,659	64,659	64,659	64,659
Wyman 4	3	Forecast	335,296	27,941	27,941	27,941	27,941	27,941	27,941	27,941	27,941	27,941	27,941	27,941	27,941
Millstone 3	4	Forecast	3,814,926	317,910	317,910	317,910	317,910	317,910	317,910	317,910	317,910	317,910	317,910	317,910	317,910
Other owned	5	GMP Budget	78,120	4,777	4,900	6,313	5,054	6,317	2,928	7,970	9,183	8,444	8,517	8,939	4,777
G.T./Diesel & Other	6	GMP Budget	949,616	55,735	66,159	75,099	69,134	66,501	78,106	66,675	96,354	97,197	92,676	91,696	94,282
Util Hydro*	7	GMP Budget	4,143,713	257,958	257,943	379,243	309,332	293,421	349,788	280,586	347,033	399,864	353,256	566,951	348,339
Wind	8	GMP Budget	4,229,780	460,123	278,072	289,896	647,060	275,089	303,699	377,114	355,863	300,049	385,984	269,446	287,386
Total			16,711,652	1,387,795	1,216,277	1,359,753	1,639,781	1,250,530	1,343,723	1,341,547	1,417,635	1,414,756	1,449,635	1,546,234	1,343,986

Green Mountain Power Corporation
Fuel Expense

		Source	Total	2016 Oct	Nov	Dec	2017 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Util Hydro	9	Production MWh	400,205	23,538	32,918	37,664	34,205	28,900	39,514	49,770	51,523	38,622	30,552	18,818	14,182
	9	Variable Production Costs $	-	0	0	0	0	0	0	0	0	0	0	0	0
		Average Variable Cost $/MWh	-	-	-	-	-	-	-	-	-	-	-	-	-
J C McNeil Wood	10	Production MWh	91,925	8,784	8,827	8,241	8,661	9,198	10,174	2,946	5,855	7,175	6,976	8,705	6,383
	10	Variable Production Costs $	6,672,708	637,639	640,750	598,232	628,716	667,650	738,496	213,860	424,972	520,786	506,374	631,902	463,332
		Average Variable Cost $/MWh	$72.59	$72.59	$72.59	$72.59	$72.59	$72.59	$72.59	$72.59	$72.59	$72.59	$72.59	$72.59	$72.59
Stonybrk CC	11	Production MWh	14,628	369	169	398	2,284	2,437	685	92	1,071	668	2,868	2,342	1,245
	11	Variable Production Costs $	641,235	10,476	6,379	26,356	172,480	184,231	45,238	2,939	24,052	15,932	70,662	55,380	27,109
		Average Variable Cost $/MWh	$43.84	$28.40	$37.69	$66.17	$75.53	$75.61	$66.07	$32.09	$22.47	$23.84	$24.64	$23.64	$21.77
Wyman 4	12	Production MWh	4,844	12	57	250	1,923	1,683	434	57	0	34	235	111	49
	12	Variable Production Costs $	322,357	766	3,632	16,215	126,380	112,197	29,301	3,812	0	2,328	16,396	7,827	3,501
		Average Variable Cost $/MWh	$67.93	$63.13	$73.05	$65.18	$67.04	$67.94	$67.53	$67.33	$68.16	$84.85	$73.59	$70.55	$71.19
Millstone 3	13	Production MWh	181,090	15,380	14,884	15,380	15,380	13,892	15,380	14,884	15,380	14,884	15,380	15,380	14,884
	13	Variable Production Costs $	1,443,518	122,600	118,645	122,600	122,600	110,736	122,600	118,645	122,600	118,645	122,600	122,600	118,645
		Average Variable Cost $/MWh	$7.97	$7.97	$7.97	$7.97	$7.97	$7.97	$7.97	$7.97	$7.97	$7.97	$7.97	$7.97	$7.97
Kingdom (gross)	14	Production MWh	185,625	15,378	17,705	19,848	20,189	16,199	16,950	15,487	13,825	12,701	12,159	11,950	13,233
Searsburg	15	Production MWh	11,725	1,169	1,187	1,351	1,242	1,174	1,200	1,014	828	667	637	557	699
Other GMP	16	Production MWh	6,708	430	260	275	283	350	520	572	614	888	888	835	794
GMP G.T. & Diesel	17	Production MWh	3,708	121	297	129	709	464	226	91	225	316	581	260	288
		Variable Production Costs $	570,511	18,660	45,504	19,627	101,579	65,029	33,206	15,345	34,173	49,670	94,399	44,775	48,544
		Average Variable Cost $/MWh	$156.89	$156.94	$153.60	$154.19	$146.21	$143.89	$164.44	$168.85	$151.82	$159.74	$163.66	$175.13	$169.75
Total		Production MWh	900,458	65,181	76,304	83,537	84,876	74,297	85,082	84,913	89,321	75,954	70,276	58,959	51,757
		Variable Production Costs $	$9,650,329	790,142	814,911	783,031	1,151,756	1,139,842	968,841	354,602	605,797	707,361	810,431	862,483	661,131

Green Mountain Power Corporation
Power Contracts

GREEN MOUNTAIN POWER CORPORATION
V.P.S.B. DOCKET NO.
Attachment D, Schedule 3
Page 8 of 10
June 1st, 2016 LTC-1

Energy			Total	2016 Oct	Nov	Dec	2017 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
VEPPI	1	Production MWh	88,983	6,445	9,430	8,189	6,799	5,442	9,356	14,520	11,145	6,417	4,349	3,662	3,229
	1	Variable Production Costs $	11,778,596	708,109	1,301,993	1,131,104	1,009,321	808,605	1,387,370	2,150,827	1,264,695	729,917	496,034	418,295	372,327
		Average Variable Cost $/MWh	$132.37	$109.87	$138.07	$138.13	$148.45	$148.60	$148.29	$148.13	$113.48	$113.75	$114.05	$114.22	$115.30
Other Renewable	2	Production MWh	131,667	6,018	7,153	7,540	7,959	7,813	12,336	17,161	17,230	16,969	13,770	10,080	7,638
	2	Variable Production Costs $	12,749,424	543,510	626,786	721,993	832,380	873,438	1,315,037	1,391,267	1,462,925	1,498,761	1,416,422	1,183,119	883,786
		Average Variable Cost $/MWh	$96.83	$90.31	$87.62	$95.76	$104.59	$111.79	$106.60	$81.07	$84.91	$88.32	$102.86	$117.37	$115.71
Ryegate	3	Production MWh	143,083	12,152	11,777	12,152	12,152	10,976	12,136	11,760	12,152	11,760	12,152	12,152	11,760
	3	Variable Production Costs $	14,747,970	1,241,411	1,214,869	1,253,563	1,253,563	1,132,433	1,251,881	1,213,186	1,253,563	1,213,186	1,253,563	1,253,563	1,213,186
		PPA Price Charged $/MWh	$103.07	$102.15	$103.16	$103.15	$103.15	$103.17	$103.15	$103.16	$103.15	$103.16	$103.15	$103.15	$103.16
HQUS	4	Production MWh	1,001,228	75,743	83,127	85,898	85,898	77,586	85,898	83,127	85,898	83,127	85,898	85,898	83,127
	4	Variable Production Costs $	52,399,643	4,280,347	4,322,093	4,466,162	4,466,162	4,033,953	4,466,162	4,322,093	4,466,162	4,322,093	4,466,162	4,466,162	4,322,093
		Average Variable Cost $/MWh	$52.34	$56.51	$51.99	$51.99	$51.99	$51.99	$51.99	$51.99	$51.99	$51.99	$51.99	$51.99	$51.99
Net Metered Excess	5	Production MWh	83,082	3,301	2,819	2,389	1,603	3,116	6,610	9,392	11,154	11,849	12,074	11,253	7,523
	5	Variable Production Costs $	21,679,490	1,023,539	793,516	656,002	664,607	1,005,511	1,754,346	2,396,643	2,737,595	2,875,671	2,947,399	2,799,691	2,024,968
		Average Variable Cost $/MWh	$260.94	$310.08	$281.49	$274.61	$414.73	$322.74	$265.43	$255.18	$245.43	$242.68	$244.12	$248.79	$269.17
NextEra Seabrook PPA	6	Production MWh	467,928	43,301	41,962	43,301	43,301	39,110	43,243	0	43,301	41,904	43,301	43,301	41,904
	6	Variable Production Costs $	23,342,756	1,911,519	1,955,339	2,336,301	2,336,301	2,110,207	2,015,002	0	1,911,519	2,100,615	2,387,700	2,387,700	1,890,554
		Average Variable Cost $/MWh	$49.89	$44.15	$46.60	$53.96	$53.96	$53.96	$46.60	$0.00	$44.15	$50.13	$55.14	$55.14	$45.12
Granite	7	Production MWh	215,774	18,548	21,316	22,000	22,481	21,463	23,467	17,163	17,843	13,631	10,834	12,265	14,764
	7	Variable Production Costs $	16,024,241	1,370,493	1,568,784	1,615,059	1,659,065	1,590,063	1,733,370	1,291,770	1,338,260	1,023,723	809,454	922,484	1,101,716
		Average Variable Cost $/MWh	$74.26	$73.89	$73.60	$73.41	$73.80	$74.09	$73.86	$75.26	$75.00	$75.10	$74.71	$75.21	$74.62
SPEED Standard Offer	8	Production MWh	85,920	6,354	5,350	4,621	5,082	5,468	6,964	9,393	9,409	8,972	8,724	8,374	7,208
	8	Variable Production Costs $	18,257,640	1,341,789	1,055,006	858,063	994,970	1,165,077	1,484,858	1,975,896	2,007,972	1,970,518	1,951,122	1,875,167	1,577,202
		Average Variable Cost $/MWh	$212.50	$211.16	$197.18	$185.70	$195.80	$213.06	$213.22	$210.35	$213.40	$219.63	$223.66	$223.92	$218.82
JP Morgan System	9	Production MWh	230,425	33,480	32,445	33,480	14,880	13,440	14,860	14,400	14,880	14,400	14,880	14,880	14,400
	9	Variable Production Costs $	13,471,473	2,096,964	2,032,139	2,096,964	822,864	743,232	821,758	796,320	822,864	796,320	822,864	822,864	796,320
		Average Variable Cost $/MWh	$58.46	$62.63	$62.63	$62.63	$55.30	$55.30	$55.30	$55.30	$55.30	$55.30	$55.30	$55.30	$55.30
NextEra System	10	Production MWh	109,150	0	0	0	12,400	11,200	12,350	12,000	12,400	12,000	12,400	12,400	12,000
	10	Variable Production Costs $	4,322,340	0	0	0	491,040	443,520	489,060	475,200	491,040	475,200	491,040	491,040	475,200
		Average Variable Cost $/MWh	$39.60	$0.00	$0.00	$0.00	$39.60	$39.60	$39.60	$39.60	$39.60	$39.60	$39.60	$39.60	$39.60
Citigroup System	11	Production MWh	306,600	26,040	25,235	26,040	26,040	23,520	26,005	25,200	26,040	25,200	26,040	26,040	25,200
	11	Variable Production Costs $	15,943,200	1,354,080	1,312,220	1,354,080	1,354,080	1,223,040	1,352,260	1,310,400	1,354,080	1,310,400	1,354,080	1,354,080	1,310,400
		Average Variable Cost $/MWh	$52.00	$52.00	$52.00	$52.00	$52.00	$52.00	$52.00	$52.00	$52.00	$52.00	$52.00	$52.00	$52.00
Shell System	12	Production MWh	503,120	30,480	29,330	30,480	30,480	27,200	29,790	29,600	30,160	64,960	68,000	67,040	65,600
	12	Variable Production Costs $	22,853,645	1,488,643	1,432,477	1,488,643	1,488,643	1,328,448	1,454,944	1,445,664	1,473,014	2,750,006	2,884,392	2,837,506	2,781,264
		Average Variable Cost $/MWh	$45.42	$48.84	$48.84	$48.84	$48.84	$48.84	$48.84	$48.84	$48.84	$42.33	$42.42	$42.33	$42.40
BP System	13	Production MWh	263,400	0	0	47,400	74,400	67,200	0	0	0	0	37,200	37,200	0
	13	Variable Production Costs $	17,254,242	0	0	2,915,574	4,801,524	4,340,304	0	0	0	0	2,598,420	2,598,420	0
		Average Variable Cost $/MWh	$65.51	$0.00	$0.00	$61.51	$64.54	$64.59	$0.00	$0.00	$0.00	$0.00	$69.85	$69.85	$0.00
KCW Resale	14	Production MWh	(23,571)	(1,953)	(2,248)	(2,520)	(2,564)	(2,057)	(2,152)	(1,967)	(1,756)	(1,613)	(1,544)	(1,518)	(1,680)
	14	Variable Production Costs $	(3,171,630)	(264,302)	(264,302)	(264,302)	(264,302)	(264,302)	(264,302)	(264,302)	(264,302)	(264,302)	(264,302)	(264,302)	(264,302)
		Average Variable Cost $/MWh	$134.55	$135.34	$117.56	$104.87	$103.10	$128.48	$122.79	$134.39	$150.55	$163.87	$171.18	$174.17	$157.29
Moretown	15	Production MWh	14,298	1,388	1,345	1,388	1,152	1,077	1,150	1,115	1,152	1,115	1,152	1,152	1,115
	15	Variable Production Costs $	1,222,441	118,636	114,969	118,636	98,468	92,115	98,336	95,292	98,468	95,292	98,468	98,468	95,292
		Average Variable Cost $/MWh	$85.50	$85.50	$85.50	$85.50	$85.50	$85.50	$85.50	$85.50	$85.50	$85.50	$85.50	$85.50	$85.50
Other Net	16	Production MWh	24,481	11,747	578	699	1,712	1,701	838	542	1,048	814	2,025	1,688	1,088
	16	Variable Production Costs $	1,019,915	414,552	28,035	38,202	118,728	120,357	47,637	25,915	36,869	32,166	64,826	55,106	37,524
		Average Variable Cost $/MWh	$41.66	$35.29	$48.53	$54.65	$69.35	$70.74	$56.81	$47.85	$35.17	$39.51	$32.01	$32.64	$34.47
Total, Net		Production MWh	3,645,566	**273,044**	**269,619**	**323,055**	**343,774**	**314,255**	**282,850**	**243,406**	**292,057**	**311,505**	**351,255**	**345,869**	**294,876**
		Variable Production Costs $	243,895,384	**17,629,289**	**17,493,922**	**20,786,044**	**22,127,414**	**20,746,000**	**19,407,718**	**18,626,170**	**20,454,724**	**20,929,565**	**23,777,644**	**23,299,362**	**18,617,530**
			243,895,384	*17,629,289*	*17,493,922*	*20,786,044*	*22,127,414*	*20,746,000*	*19,407,718*	*18,626,170*	*20,454,724*	*20,929,565*	*23,777,644*	*23,299,362*	*18,617,530*
Demand															
NextEra Seabrook	17	Contract formula	3,260,074	269,695	269,695	269,695	269,695	269,695	269,695	269,695	269,695	275,628	275,628	275,628	275,628
Yankee Plants	18	Forecasts	(351,975)	(35,365)	(35,365)	(35,365)	(27,320)	(27,320)	(27,320)	(27,320)	(27,320)	(27,320)	(27,320)	(27,320)	(27,320)
Stony Brook	19	Forecast	905,009	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	80,009	75,000	75,000
Moretown	20	Contract terms	180,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
NYPA	21	Forecast	30,000	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
Granite	22	Contract terms	369,410	30,555	30,555	30,555	30,555	30,555	30,555	31,013	31,013	31,013	31,013	31,013	31,013
HQ VJO	23	Contract formula	442,114	442,114	0	0	0	0	0	0	0	0	0	0	0
Other, Net	24		(0)	0	0	0	(0)	(0)	(0)	0	0	(0)	0	(0)	(0)
		Total	4,834,632	799,499	357,385	357,385	365,430	365,430	365,430	365,888	365,888	371,822	376,830	371,822	371,822
			29,322,645	*2,168,839*	*1,794,827*	*1,794,827*	*1,802,872*	*1,802,872*	*1,802,872*	*1,862,551*	*1,832,941*	*3,613,759*	*3,618,767*	*3,613,759*	*3,613,759*

Green Mountain Power Corporation
REC Revenue

GREEN MOUNTAIN POWER CORPORATION
V.P.S.B.DOCKET NO.
Attachment D, Schedule 3
Page 9 of 10
June 1st, 2016

		Total	2016 Oct	Nov	Dec	2017 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Net REC Revenue	**$**	**(22,916,173)**	**-**	**-**	**(5,282,026)**	**-**	**-**	**(4,870,079)**	**-**	**-**	**(6,448,223)**	**-**	**-**	**(6,315,845)**

GREEN MOUNTAIN POWER CORPORATION
V.P.S.B.DOCKET NO.
Attachment D, Schedule 3
Page 10 of 10
June 1st, 2016

Green Mountain Power Corporation
Purchased Transmission plus Highgate O&M

Purchased Transmission	Total	2016 Oct	Nov	Dec	2017 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
VELCO Spec Facilities	$5,265,479	$432,883	$426,465	$374,687	$457,186	$451,219	$448,778	$444,965	$432,221	$448,697	$453,349	$447,365	$447,665
VELCO VTA - Common	8,843,253	62,410	2,047,293	1,923,380	1,063,784	1,800,808	1,927,199	2,157,140	2,614,563	1,468,323	(1,335,242)	(2,697,051)	(2,189,351)
ISO - NOATT	66,833,362	5,072,015	5,600,656	6,031,108	6,096,509	5,722,132	5,339,225	4,815,993	4,840,005	5,674,228	6,187,866	5,829,710	5,623,916
ISO - Other Total	5,914,825	451,389	492,556	517,080	544,630	506,818	490,735	453,194	444,946	461,412	496,687	598,783	456,596
NEP	1,889,020	130,335	205,335	180,335	155,335	155,335	155,335	180,335	205,335	180,335	130,335	105,335	105,335
Phase I	95,544	7,962	7,962	7,962	7,962	7,962	7,962	7,962	7,962	7,962	7,962	7,962	7,962
Phase II	3,296,280	274,690	274,690	274,690	274,690	274,690	274,690	274,690	274,690	274,690	274,690	274,690	274,690
Other	702,203	58,513	58,515	58,517	58,517	58,517	58,517	58,517	58,518	58,518	58,518	58,518	58,518
Rents (567)	300,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Total	$93,139,966	$6,515,196	$9,138,472	$9,392,759	$8,683,612	$9,002,480	$8,727,441	$8,417,796	$8,903,239	$8,599,165	$6,299,165	$4,650,311	$4,810,330
Highgate O&M	$ 629,208	$52,434	$52,434	$52,434	$52,434	$52,434	$52,434	$52,434	$52,434	$52,434	$52,434	$52,434	$52,434
ISO Other													
ISO Schedule 1	1,501,931	112,944	124,680	134,176	140,499	131,960	123,130	110,999	111,869	124,314	135,773	128,002	123,585
ISO Schedule 2	1,951,978	148,203	159,819	169,385	183,069	163,129	165,978	153,159	153,159	159,568	173,099	169,538	153,871
ISO Schedule 3	1,589,864	118,978	131,340	141,344	148,962	139,908	130,546	117,685	118,607	131,802	143,951	135,711	131,029
ISO Schedule 4	120,000	-	-	-	-	-	-	-	-	-	-	120,000	-
ISO Schedule 5	20,929	1,757	1,940	2,088	-	2,114	1,985	1,853	1,670	1,683	1,870	2,043	1,926
Load Response	0	-	-	-	-	-	-	-	-	-	-	-	-
NOATT Schedule 2	888,934	77,985	81,671	78,390	80,455	78,769	78,339	78,623	71,682	65,842	64,307	65,426	67,444
NOATT Schedule 16	(158,811)	(8,478)	(6,894)	(8,304)	(8,355)	(9,063)	(9,244)	(9,125)	(12,042)	(21,798)	(22,314)	(21,937)	(21,259)
Other	0	-	-	-	-	-	-	-	-	-	-	-	-
Total ISO - Other	$5,914,825	$ 451,389	$ 492,556	$ 517,080	$ 544,630	$ 506,818	$ 490,735	$ 453,194	$ 444,946	$ 461,412	$ 496,687	$ 598,783	$ 456,596
Total Purchased	$93,139,966	$6,515,196	$9,138,472	$9,392,759	$8,683,612	$9,002,480	$8,727,441	$8,417,796	$8,903,239	$8,599,165	$6,299,165	$4,650,311	$4,810,330
Total w/ Highgate O&M	$93,769,175	$6,567,630	$9,190,906	$9,445,193	$8,736,046	$9,054,914	$8,779,875	$8,470,230	$8,955,674	$8,651,599	$6,351,599	$4,702,745	$4,862,764