BELMONT LIGHT

POWERING YOUR COMMUNITY SINCE 1898

Belmont Light is pleased to present **REVISION 4** of Belmont Light's 2020 budget. In light of the current COVID-19 situation, Belmont Light is revising its original 2020 Budget to reflect potential changes to sales and revenue, purchased power and capital budget spending, and modified operational practices. The methodology for this budget revision includes modeling a "W-Shaped" recovery scenario across all main budget categories. This scenario assumes the current emergency period continues through June 2020 and is followed by some normalization of the Massachusetts economy in the third quarter of 2020 before a resurgence of the coronavirus causes a second period of drastic social distancing in the final quarter of the year.

Key assumptions for this scenario include:

1. Revenue: A decrease in overall annual revenue driven by modified consumption patterns of revenue classes during the months impacted by the pandemic emergency.
2. Consumption: For the months of April through June and October through December, consumption behavior changes from the original budget for each revenue class. (Residential- 2% increase from Belmont Light's original 2020 budget; Commercial- 23% decrease; Industrial- 8% decrease; Municipal- 12% decrease)
3. Power Costs: 3% load decrease for March 2020 and 6% load decrease during impacted months of April through June and October through December.
4. Capital & Operating expenses:
    a. Significant reduction in capital expenses due to decreases of capital projects and labor;
    b. Increases in operating and maintenance expenses caused mainly by standby labor costs.

Belmont Light has also modeled two additional scenarios, one that sees the economy recovering more quickly than the "W-Shaped" scenario and another that predicts no economic recovery through the rest of 2020. Staff will continue to update the three budget scenarios with new data as it is available, and to keep watch on any scenarios that indicate risk to Belmont Light's financial health. Thus far, none of the scenarios Belmont Light has explored indicate significant or worrisome changes to the overall 2020 budget.

Though the COVID-19 pandemic has induced unprecedented, broad-sweeping levels of change to our economy and has temporarily redefined the very way Belmont Light operates, Belmont Light staff does not expect detriment to the 2020 budget.

BUDGET OVERVIEW

As the utility industry undergoes a significant transformation, leading to decreasing/flattening electric consumption and revenues, as well as increases in purchased power costs to support aggressive climate action plan targets, Belmont Light has successfully minimized rate changes (2% in 2019) and maintained its stability and reliable service.

The budget numbers contained herein are estimated based on expected power load/sales and other operating expenses, such as payroll, distribution system maintenance, general & admin, capital and other expenses.

Below is detailed analysis of projections.

I. INCOME AND EXPENSE STATEMENT

Total Belmont Light annual system sales are driven by forecasted system load estimated by Energy New England incorporating expected system losses based on a 5-year average.

The sales are generally allocated to the rate classes based on historical analysis. However, for Revision 4, sales have been allocated differently to reflect predicted changes to consumption patterns amongst the rate classes.

Power Purchases are forecasted as a combination of existing power contracts, power purchases which are expected to be secured and predictions of pricing for the unhedged portion of our portfolio.

Salaries forecasted based on expected organizational structure changes and allocated between Operating and Capital Budget.

Operating and Maintenance expenses projected based on a 5-year average expenses in combination with expected changes and projects to take place during 2020.

Additionally, Belmont Light targets an effective return of 2-3% to optimize the balance between financial stability and low electric rates. The effective return is our retained earning after payment in lieu of taxes. Belmont Light forecasts an effective return of 1.23% in 2020.

Massachusetts General Laws Chapter 164, section 58 sets a maximum return of 8% of gross plant (after the payment of all operating expenses, interest on the outstanding debt, the requirements of the serial debt or sinking fund established to meet said debt, and also depreciation of the plant) to the Belmont General Fund which is captured as the DPU rate of return category. Belmont Light historically has a DPU rate of return below 5% which in its turn below 8% cap for municipal light plants and well below the typical 10-12% profit margins paid to private investor-owned utilities found in neighboring communities.

Belmont Light rate of return for 2020 is estimated at 5.62% which is consistent with industry standards and targeted numbers.

SCHEDULE I
INCOME AND EXPENSE STATEMENT
2020 BELMONT LIGHT BUDGET

Revision 4 - May 15, 2020

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1		**Electric Revenues**										
2		Sales of Electricity										
3	440; 441	Residential	14,918,141	13,783,331	14,274,015	14,443,122	14,317,587	14,347,239	14,658,078	14,629,168	14,791,504	
4	442.1; 442.3	Commercial	4,091,142	3,723,617	4,045,641	3,995,906	3,961,477	3,963,556	4,024,869	4,019,598	3,656,107	
5	442.2	Industrial	4,719,452	4,536,423	4,612,914	4,540,854	4,622,199	4,606,369	4,691,555	4,751,876	4,650,310	
6	445	Municipal Revenue	1,153,861	1,088,423	1,158,131	1,120,889	1,165,531	1,137,367	1,139,290	1,165,180	1,121,439	
7	442.4	Private Lighting	57,202	57,754	61,636	60,647	60,194	59,487	57,138	57,000	57,000	
8	444	Street Lights	298,088	229,447	$ 263,620	$ 284,336	297,695	274,637	289,548	306,727	307,793	
9		Total	$ 25,237,886	$ 23,418,995	$ 24,415,957	$ 24,445,754	$ 24,424,683	$ 24,388,655	$ 24,860,478	$ 24,929,549	$ 24,584,152	
10		**Other Revenues**										
11	417, 421.5, 443, 451	Other operating revenues	78,405	117,909	208,120	139,122	151,850	139,081	159,252	121,500	117,500	
12	455	Non-operating revenues	151,950	215,527	346,889	277,297	338,409	266,014	292,700	250,000	250,000	
13		Total	$ 230,354	$ 333,436	$ 555,008	$ 416,418	$ 490,259	$ 405,095	$ 451,952	$ 371,500	$ 367,500	
		Total Operating Revenues	**$ 25,468,240**	**$ 23,752,431**	**$ 24,970,965**	**$ 24,862,172**	**$ 24,914,942**	**$ 24,793,750**	**$ 25,312,430**	**$ 25,301,049**	**$ 24,951,652**	
14		**Operating Expenses**										
15	555; 557	Purchased Power	14,910,974	13,911,423	13,952,901	13,302,011	13,603,278	13,936,117	14,371,252	$ 14,117,971	13,754,127	
16	580-589; 901-930	Operations	5,776,476	6,113,841	6,427,833	6,544,573	7,120,680	6,396,681	6,379,515	$ 7,061,605	7,176,937	
17	590-598; 932-933	Maintenance	185,039	149,118	223,161	105,208	148,356	162,177	169,920	$ 124,760	109,760	
18	403; 425.2	Depreciation	1,354,517	1,344,977	1,228,053	1,262,545	1,403,581	1,318,735	1,426,348	1,483,641	1,483,641	
19		**Total Operating Expenses**	**$ 22,227,006**	**$ 21,519,359**	**$ 21,831,948**	**$ 21,214,337**	**$ 22,275,896**	**$ 21,813,709**	**$ 22,347,035**	**$ 22,787,977**	**$ 22,524,464**	
20		**Operating Income**	**$ 3,241,235**	**$ 2,233,072**	**$ 3,139,018**	**$ 3,647,835**	**$ 2,639,046**	**$ 2,980,041**	**$ 2,965,395**	**$ 2,513,072**	**$ 2,427,188**	
21		**Non-Operating Revenues (Expenses)**										
22	452; 429	Investment Income	102,354	211,637	256,441	327,480	514,930	-	445,969	$ 250,000	250,000	
23	431	Interest Expense	(176)	(155)	-	-	(5,354)		-	-	-	
24	427	Bond Interest Expense	-	-	(608,255)	(472,129)	(797,839)		(797,840)	(800,000)	(800,000)	
25	421.1, 421.3, 421.6	Grant Income	120,125	60,063	17,146	-	2,500		-	-	115,000	
26	421.2, 421.4, 421.7	Grant Expenses	(121,016)	(60,063)	(2,146)	-	(2,490)		-	-	(115,000)	
27		Total	$ 101,287	$ 211,482	$ (336,815)	$ (144,649)	$ (288,252)	$ -	$ (351,871)	$ (550,000)	$ (550,000)	
28		**Income Before Contributions and Transfers**	**$ 3,342,522**	**$ 2,444,555**	**$ 2,802,203**	**$ 3,503,185**	**$ 2,350,793**	**$ 2,888,652**	**$ 2,613,524**	**$ 1,963,072**	**$ 1,877,188**	
29		Less:										
30		Bond & Note Principal	1,104,938	1,144,938	1,179,938	1,219,938	1,153,339	$ 1,159,405	1,153,339	$ 1,204,332	1,204,332	
31		Payment in Lieu of Taxes	650,000	650,000	650,000	650,000	650,000	650,000	650,000	1,150,000	1,150,000	
33		Depreciation Reserve	400,000	400,000	400,000	400,000	-	160,432	(797,840)	(800,000)	(800,000)	
34		Total	$ 2,154,938	$ 2,194,938	$ 2,229,938	$ 2,269,938	$ 1,803,339	$ 1,969,837	$ 1,005,499	$ 1,554,332	$ 1,554,332	
35		**Net Income from Operations**	**$ 1,187,584**	**$ 249,617**	**$ 572,265**	**$ 1,233,247**	**$ 547,454**	**$ 918,814**	**$ 1,608,025**	**$ 408,740**	**$ 322,856**	
32		Rate Stab Reserve Transfers (to/(from))	700,000	300,000	300,000	(1,000,000)	-		(500,000)	-	-	

SCHEDULE I
INCOME AND EXPENSE STATEMENT
2020 BELMONT LIGHT BUDGET

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1		**Return per DPU Formula**										
2		Net Income from Operations	$ 1,187,584	$ 249,617	$ 572,265	$ 1,233,247	$ 547,454	$ 758,033	$ 1,608,025	$ 408,740	$ 322,856	
3		Payment in Lieu of Taxes	650,000	650,000	650,000	650,000	650,000	650,000	650,000	1,150,000	1,150,000	
4		Total	$ 1,837,584	$ 899,617	$ 1,222,265	$ 1,883,247	$ 1,197,454	$ 1,408,033	$ 2,258,025	$ 1,558,740	$ 1,472,856	
5		Cost of Plant (Year end)	$ 27,594,374	$ 42,795,699	$ 44,390,138	$ 49,131,535	$ 51,903,242		$ 51,795,138	$ 53,660,388	$ 53,439,138	
6		Net Cost of Plant for Return Calculation	$ 6,505,192	$ 20,501,014	$ 21,016,744	$ 24,638,547	$ 26,190,718		$ 25,875,802	$ 27,947,864	$ 26,217,115	
7		Return per DPU Formula	6.78%	4.39%	5.82%	7.64%	4.57%		8.73%	5.58%	5.62%	
8		**Effective Return**										
9		Net Income from Operations	$ 1,187,584	$ 249,617	$ 572,265	$ 1,233,247	$ 547,454	$ 918,814	$ 1,608,025	$ 408,740	$ 322,856	
10		**Effective Return**	4.38%	1.22%	2.72%	5.01%	2.09%		6.21%	1.46%	1.23%	

II. SALES REVENUE PROJECTIONS

Adjustments to the original budget caused by COVID-19

For the purposes of Budget Revision 4, Belmont Light is adjusting its sales projections in accordance with an assumed 6% system-wide load decrease for the months impacted by the pandemic emergency, along with predictions for how consumption patterns might change across Belmont Light's residential, commercial, and municipal customer bases.

Highlights of the adjusted forecast are:

1. 2020 revised kWh sales are reduced to 121,372,332, a decrease of 2,415,378 kWh from the original budget
2. It is widely discussed that COVID-19 may influence consumption allocation between different customer classes. kWh sales allocations to Belmont Light's rate classes are adjusted for the months of April-June and October-December from the original budget assuming the following:
    a. Residential sales (Rates A and LI) increase by 2% as Belmont residents spend more time at home
    b. Commercial (Rates B and F) decrease by 23% in light of the closure of non-essential businesses
    c. Industrial sales (Rate E) decrease by 8% due to slowed activity
    d. Municipal sales (Rates MB and ME) decrease by 12% due to the closure of schools and changes to municipal operations

Original Belmont Light sales forecast is based on:

1. 95% of the monthly forecasted load projections provided by Energy New England to account for system losses
2. kWh sales allocation to the rate classes using 2019 actual sales
3. Existing rate structure is used

The energy sales originally forecasted as 123,787,710 kWh were adjusted to 121,372,332 kWh as a result of decrease in load for the months impacted by pandemic emergency. We are maintaining levelized sales trends as distributed generation and conservation offset new load growth. Strategic electrification initiatives are aimed to meet state GHG goals as well as maintain existing level of sales.

Annual Belmont Light kWh sales:

YEAR	KWH SALES
2020 REV. 4 budget	121,372,332
2020 original budget	123,787,710
2019	121,376,405
2018	126,102,742
2017	122,071,901
2016	121,211,698
2015	125,605,633
2014	125,032,361
2013	128,015,424

2012	126,102,499
2011	127,756,858
2010	129,341,738

Belmont Light rate tariffs include fixed (distribution) and variable (energy) charges, which vary depending on the customer class.

The fixed charge or customer charge currently represents a monthly fee to support metering and billing operations.

Energy charges are billed per kWh and include distribution, transmission, generation and conservation components, as well as NYPA credit applicable to Residential customers only.

Demand charges are billed per kW and applicable to high load customers only.

Existing rate structure includes the following revenue types & rate schedules:

1. Residential & Residential Law Income
2. Commercial Small B without and with Demand
3. Industrial E
4. Municipal, including with and without demand, Large Municipal, and Street Lighting
5. Private Lighting and Industrial Heating

SCHEDULE II
OPERATING REVENUES
2020 BELMONT LIGHT BUDGET

Revision 4 - May 15, 2020

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	440.1	RESIDENTIAL SALES - RATE A	14,445,788	13,335,249	13,809,658	14,001,019	13,902,328	13,898,808	14,158,892	14,204,716	14,368,980	
2	440.2	RESIDENTIAL SALES - RATE LI	340,262	318,408	327,021	302,830	283,032	314,311	297,156	287,867	291,538	
3	440.99	MISC ELECTRIC ADJUSTMENTS	-	(1,600)	(1,711)	(5,299)	(3,662)	(2,454)	-	-	-	
4	441.1	PPTA - PURCHASED POWER & TRANSMISS ADJ	-	(5,398)	-	-	-	(1,080)	45,636	-	-	
5	441.2	NYPA HYDROPOWER ADJUSTMENT	(165,839)	(147,973)	(139,909)	(141,935)	(139,159)	(146,963)	(137,267)	(157,206)	(157,206)	
6	441.3	ENERGY CONSERVATION	297,930	284,645	278,956	286,507	275,048	284,617	293,661	293,790	288,191	
7	442.1	COMMERCIAL SALES - RATE B SMALL	3,713,021	3,393,281	3,713,729	3,656,560	3,624,794	3,620,277	3,680,853	3,676,738	3,339,593	
8	442.2	COMMERCIAL SALES - RATE E LARGE	4,719,452	4,536,423	4,612,914	4,540,854	4,622,199	4,606,369	4,691,555	4,751,876	4,650,310	
9	442.3	COMMERCIAL SALES - RATE F HEATING	378,121	330,336	331,912	339,346	336,682	343,279	344,016	342,860	316,514	
10	442.4	COMMERCIAL SALES - RATE G AREA LIGHTING	57,202	57,754	61,636	60,647	60,194	59,487	57,138	57,000	57,000	
11	444	MUNICIPAL SALES - STREET LIGHTING	298,088	229,447	263,620	284,336	297,695	274,637	289,548	306,727	307,793	
12	445.1	MUNICIPAL SALES - RATE MB SMALL	342,932	296,043	329,076	285,315	308,359	312,345	284,461	307,367	294,912	
13	445.2	MUNICIPAL SALES - RATE ME LARGE	810,929	792,379	829,056	835,574	857,172	825,022	854,829	857,814	826,527	
14	TOTALS		$ 25,237,886	$ 23,418,995	$ 24,415,957	$ 24,445,754	$ 24,424,683	$ 24,388,655	$ 24,860,478	$ 24,929,549	$ 24,584,152	

SCHEDULE II
OPERATING REVENUES
2020 BELMONT LIGHT BUDGET

OTHER OPERATING INCOME

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	417	GREEN CHOICE PROGRAM REVENUES	13,572	13,308	1,401	13,668	14,841	11,358	15,000	$ 15,000	15,000	
2	421.5	OTHER REVENUES	-	-	60,531	-	-	12,106	-	-	-	
3	443	INTEREST AND PENALTIES CHARGED	55,813	58,003	85,574	77,734	77,094	70,843	99,996	75,000	65,000	
4	451	MISC SERVICE REVENUES	-	43,269	-	-	-	8,654	-	-	-	
5	451.1	MISC SERVICE REVENUES - CONN/DISCON FEE	5,100	3,525	4,850	5,150	7,050	5,135	5,004	7,500	7,500	
6	451.2	MISC REVENUE - SCRAP METAL SALES	11,819	8,005	64,992	56,695	68,370	41,976	54,996	60,000	60,000	
7	451.3	MISC REVENUE - REBATE PROGRAM	(7,900)	(8,525)	(9,860)	(10,875)	(15,088)	(10,450)	(15,000)	(26,000)	(20,000)	
8	451.35	MISC REVENUE - DEMAND RESPONSE CREDIT	-	-	-	-	-	-	-	-	-	
9	451.4	MISC REVENUE - RENTAL	-	-	-	-	-	-	-	-	-	
10	451.5	MISC REVENUE - NSF CHARGES	-	325	1,075	1,150	175	545	756			
11	451.6	EV CREDITS	-	-	(443)	(4,400)	(592)	(1,087)	(1,500)	(10,000)	(10,000)	
12	TOTALS		$ 78,405	$ 117,909	$ 208,120	$ 139,122	$ 151,850	$ 139,081	$ 159,252	$ 121,500	$ 117,500	

SCHEDULE II-1.1
OPERATING REVENUES DETAILS
2020 BELMONT LIGHT BUDGET

Revision 4 - May 15, 2020													
	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Totals
PROJECTED LOAD IN MWH FOR REVENUE CALC	11,982	10,478	10,282	8,680	8,948	9,940	13,734	13,424	10,431	9,365	9,511	10,986	127,760
Forecast kWh sales	11,382,822	9,953,994	9,767,829	8,245,915	8,500,905	9,443,137	13,047,059	12,752,360	9,909,453	8,896,873	9,035,553	10,436,432	121,372,332
SALES													
Forecast kWh Sales													% OF SALES, 2019
Residential	6,210,127	5,430,601	5,329,035	4,796,568	4,949,616	5,506,014	7,118,085	6,957,306	5,406,301	5,213,759	5,318,340	6,160,177	54.6%
Residential Low Income	204,818	179,108	175,758	158,197	163,245	181,595	234,764	229,461	178,307	171,956	175,406	203,170	1.8%
Commercial no Demand	1,024,431	895,839	879,085	619,191	640,388	704,807	1,174,209	1,147,687	891,831	641,679	637,347	722,293	9.0%
Commercial Demand	577,388	504,911	495,468	348,987	360,935	397,242	661,805	646,857	502,652	361,662	359,221	407,097	5.1%
Commercial Heating F	166,984	146,023	143,292	100,929	104,384	114,885	191,398	187,075	145,370	104,595	103,889	117,735	1.5%
Power E	2,426,415	2,121,840	2,082,156	1,708,748	1,752,463	1,949,462	2,781,172	2,718,352	2,112,345	1,845,387	1,874,254	2,170,928	21.3%
Small Muni. No Demand MB	36,062	31,535	30,945	24,030	24,797	27,585	41,334	40,400	31,394	26,120	26,493	30,686	0.3%
Small Muni. Demand	106,281	92,940	91,202	70,822	73,082	81,297	121,820	119,069	92,525	76,982	78,080	90,439	0.9%
Large Municipal ME	503,860	440,613	432,372	335,755	346,468	385,416	577,527	564,483	438,641	364,958	370,163	428,756	4.4%
Street Lighting	109,097	95,403	93,618	82,612	85,248	94,831	125,048	122,223	94,976	89,797	91,599	106,098	1.0%
Forecast Demand kW													
Commercial Demand	1,576	1,722	1,645	1,706	1,653	1,772	2,094	2,125	1,973	1,823	1,455	1,594	2019 ACTUALS
Commercial Heating F	489	574	508	481	372	323	234	259	230	237	418	441	
Power E	5,584	5,814	5,551	5,422	5,452	5,484	5,807	6,062	5,938	5,674	5,388	5,413	
Small Muni. Demand	369	422	364	365	311	326	332	381	317	291	331	418	
Large Municipal ME	1,599	1,600	1,563	1,498	1,306	1,388	1,381	1,026	1,265	1,326	1,507	1,473	
NUMBER OF CUSTOMERS													
Residential	10,320	10,304	10,317	10,373	10,418	10,401	10,482	10,372	10,496	10,389	10,368	10,391	2019 ACTUALS
Residential Low Income	434	433	432	432	432	431	430	422	416	413	416	408	
Commercial no Demand	725	724	737	733	732	737	737	739	744	729	733	732	
Commercial Demand	56	56	58	57	58	58	58	58	58	64	64	64	
Commercial Heating F	12	12	12	12	16	12	12	12	12	12	12	12	
Power E	20	21	20	20	20	20	20	20	20	19	19	19	
Small Muni. No Demand MB	27	27	27	27	27	28	27	25	27	28	28	28	
Small Muni. Demand	9	9	9	9	9	9	9	11	9	10	10	10	
Large Municipal ME	11	11	11	11	11	11	11	11	11	10	10	10	
	11,614	11,597	11,623	11,674	11,723	11,707	11,786	11,670	11,793	11,674	11,660	11,674	
Rate G Area Lighting	103	103	103	103	103	103	103	103	103	103	103	103	2019 ACTUALS
Street Lighting	1	1	1	1	1	1	1	1	1	1	1	1	

	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Totals
REVENUE BY CLASS BY CHARGE TYPE													
Residential													
Distribution Customer Charge - Fixed	109,392.00	109,222.40	109,360.20	109,953.80	110,430.80	110,250.60	111,109.20	109,943.20	111,257.60	110,123.40	109,900.80	110,144.60	
Energy													
Generation Charge - kWh	555,123.27	485,441.46	476,362.47	428,765.24	442,446.15	492,182.62	636,285.63	621,913.60	483,269.26	466,057.88	475,406.39	550,658.24	
Transmission Charge - kWh	160,407.59	140,272.43	137,648.98	123,895.36	127,848.57	142,220.35	183,860.14	179,707.22	139,644.76	134,671.38	137,372.72	159,117.38	
Distribution Charge - kWh	469,175.11	410,281.93	402,608.62	362,380.73	373,943.47	415,979.38	537,771.33	525,624.48	408,446.05	393,899.46	401,800.57	465,401.39	
Conservation Charge - kWh	14,904.31	13,033.44	12,789.68	11,511.76	11,879.08	13,214.43	17,083.40	16,697.53	12,975.12	12,513.02	12,764.02	14,784.43	
NYPA Credit - first 500 kWh	(12,384.00)	(12,364.80)	(12,380.40)	(12,447.60)	(12,501.60)	(12,481.20)	(12,578.40)	(12,446.40)	(12,595.20)	(12,466.80)	(12,441.60)	(12,469.20)	
Residential TOTAL	1,296,618.27	1,145,886.87	1,126,389.55	1,024,059.29	1,054,046.47	1,161,366.18	1,473,531.30	1,441,439.63	1,142,997.59	1,104,798.34	1,124,802.90	1,287,636.83	14,383,573.23
Residential Low Income													
Distribution Customer Charge - Fixed	-	-	-	-	-	-	-	-	-	-	-	-	
Energy													
Generation Charge - kWh	18,308.67	16,010.48	15,711.04	14,141.22	14,592.44	16,232.81	20,985.51	20,511.50	15,938.84	15,371.18	15,679.51	18,161.41	
Transmission Charge - kWh	5,290.45	4,626.36	4,539.84	4,086.23	4,216.61	4,690.61	6,063.94	5,926.97	4,605.66	4,441.63	4,530.73	5,247.89	
Distribution Charge - kWh	2,871.55	2,511.10	2,464.13	2,217.92	2,288.69	2,545.97	3,291.38	3,217.04	2,499.86	2,410.83	2,459.19	2,848.45	
Conservation Charge - kWh	491.56	429.86	421.82	379.67	391.79	435.83	563.43	550.71	427.94	412.70	420.97	487.61	
NYPA Credit - first 500 kWh	(651.00)	(649.50)	(648.00)	(648.00)	(648.00)	(646.50)	(645.00)	(633.00)	(624.00)	(619.50)	(624.00)	(612.00)	
Residential Low Income TOTAL	26,311.23	23,577.80	23,136.83	20,825.04	21,489.52	23,905.21	30,904.27	30,206.22	23,472.29	22,636.34	23,090.40	26,745.36	296,300.52
Commercial no Demand													
Distribution Customer Charge - Fixed	11,527.50	11,511.60	11,718.30	11,654.70	11,638.80	11,718.30	11,718.30	11,750.10	11,829.60	11,591.10	11,654.70	11,638.80	
Energy													
Generation Charge - kWh	90,785.06	79,389.27	77,904.49	54,872.67	56,751.22	62,460.00	104,058.39	101,707.98	79,034.03	56,865.56	56,481.73	64,009.58	
Transmission Charge - kWh	23,797.53	20,810.35	20,421.14	14,383.80	14,876.22	16,372.67	27,276.87	26,660.76	20,717.23	14,906.19	14,805.58	16,778.86	
Distribution Charge - kWh	96,378.46	84,280.56	82,704.30	58,253.45	60,247.74	66,308.25	110,469.57	107,974.35	83,903.43	60,369.12	59,961.65	67,953.29	
Conservation Charge - kWh	2,458.63	2,150.01	2,109.80	1,486.06	1,536.93	1,691.54	2,818.10	2,754.45	2,140.39	1,540.03	1,529.63	1,733.50	
Commercial no Demand TOTAL	224,947.18	198,141.79	194,858.03	140,650.67	145,050.92	158,550.75	256,341.22	250,847.63	197,624.68	145,272.00	144,433.30	162,114.03	2,218,832.21
Commercial Demand													
Distribution Customer Charge - Fixed	890.40	890.40	922.20	906.30	922.20	922.20	922.20	922.20	922.20	1,017.60	1,017.60	1,017.60	
Energy													
Generation Charge - kWh	36,410.08	31,839.71	31,244.23	22,007.13	22,760.53	25,050.09	41,733.45	40,790.80	31,697.24	22,806.39	22,652.45	25,671.56	
Transmission Charge - kWh	12,910.39	11,289.82	11,078.67	7,803.35	8,070.50	8,882.33	14,797.97	14,463.72	11,239.30	8,086.76	8,032.17	9,102.70	
Distribution Charge - kWh	33,170.94	29,007.16	28,464.65	20,049.31	20,735.69	22,821.56	38,020.73	37,161.94	28,877.36	20,777.47	20,637.23	23,387.74	
Conservation Charge - kWh	1,385.73	1,211.79	1,189.12	837.57	866.24	953.38	1,588.33	1,552.46	1,206.36	867.99	862.13	977.03	
Demand													
Generation Charge - kW	10,022.09	10,954.97	10,464.74	10,849.28	10,512.63	25,700.13	30,366.48	30,807.86	28,603.43	11,592.73	9,255.40	10,138.22	
Distribution Charge - kW	9,738.44	10,644.93	10,168.57	10,542.22	10,215.10	10,953.57	12,942.40	13,130.52	12,190.98	11,264.63	8,993.46	9,851.29	
Commercial Demand TOTAL	104,528.07	95,838.77	93,532.18	72,995.16	74,082.89	95,283.26	140,371.57	138,829.50	114,736.86	76,413.57	71,450.45	80,146.13	1,158,208.41
Commercial Heating F													
Distribution Customer Charge - Fixed	508.80	508.80	508.80	508.80	678.40	508.80	508.80	508.80	508.80	508.80	508.80	508.80	
Energy													
Generation Charge - kWh	9,521.41	8,326.24	8,170.52	5,754.97	5,951.99	6,550.72	10,913.50	10,666.99	8,288.98	5,963.98	5,923.73	6,713.24	
Transmission Charge - kWh	3,733.76	3,265.08	3,204.01	2,256.77	2,334.03	2,568.82	4,279.65	4,182.99	3,250.47	2,338.73	2,322.95	2,632.55	
Distribution Charge - kWh	8,718.22	7,623.87	7,481.28	5,269.50	5,449.90	5,998.13	9,992.88	9,767.17	7,589.75	5,460.88	5,424.02	6,146.93	
Conservation Charge - kWh	400.76	350.46	343.90	242.23	250.52	275.72	459.35	448.98	348.89	251.03	249.33	282.56	
Demand													
Generation Charge - kW	4,399.20	5,170.41	4,572.09	4,331.83	3,344.64	5,822.74	4,215.78	4,669.20	4,140.18	2,134.31	3,761.93	3,965.95	
Distribution Charge - kW	4,888.00	5,744.90	5,080.10	4,813.14	3,716.26	3,234.85	2,342.10	2,594.00	2,300.10	2,371.46	4,179.92	4,406.61	
Commercial Heating F TOTAL	32,170.15	30,989.75	29,360.70	23,177.24	21,725.75	24,959.78	32,712.07	32,838.13	26,427.17	19,029.19	22,370.69	24,656.65	320,417.27

	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Totals
Power E													
Distribution Customer Charge - Fixed	3,816.00	4,006.80	3,816.00	3,816.00	3,816.00	3,816.00	3,816.00	3,816.00	3,816.00	3,625.20	3,625.20	3,625.20	
Energy													
Generation Charge - kWh	136,922.62	119,735.42	117,496.06	96,424.66	98,891.50	110,008.14	156,941.53	153,396.63	119,199.64	104,135.17	105,764.14	122,505.49	
Transmission Charge - kWh	48,673.89	42,564.11	41,768.05	34,277.49	35,154.41	39,106.21	55,790.31	54,530.15	42,373.64	37,018.46	37,597.53	43,548.82	
Distribution Charge - kWh	106,519.63	93,148.76	91,406.65	75,014.04	76,933.14	85,581.38	122,093.45	119,335.67	92,731.95	81,012.47	82,279.74	95,303.76	
Conservation Charge - kWh	5,823.40	5,092.42	4,997.17	4,101.00	4,205.91	4,678.71	6,674.81	6,524.05	5,069.63	4,428.93	4,498.21	5,210.23	
Demand													
Generation Charge - kW	59,187.75	61,626.49	58,842.72	57,469.70	57,789.93	90,488.81	95,809.40	100,024.65	97,976.34	60,140.37	57,107.50	57,377.91	
Distribution Charge - kW	55,837.50	58,138.20	55,512.00	54,216.70	54,518.80	54,841.70	58,066.30	60,621.00	59,379.60	56,736.20	53,875.00	54,130.10	
Power E TOTAL	416,780.79	384,312.19	373,838.65	325,319.59	331,309.69	388,520.94	499,191.79	498,248.15	420,546.80	347,096.80	344,747.32	381,701.51	4,711,614.22
Small Muni. No Demand MB													
Distribution Customer Charge - Fixed	429.30	429.30	429.30	429.30	429.30	445.20	429.30	397.50	429.30	445.20	445.20	445.20	
Energy													
Generation Charge - kWh	3,195.79	2,794.63	2,742.37	2,129.56	2,197.51	2,444.54	3,663.03	3,580.29	2,782.13	2,314.78	2,347.80	2,719.43	
Transmission Charge - kWh	837.71	732.56	718.86	558.22	576.03	640.79	960.19	938.50	729.28	606.78	615.43	712.85	
Distribution Charge - kWh	3,091.93	2,703.81	2,653.25	2,060.35	2,126.10	2,365.10	3,543.99	3,463.94	2,691.72	2,239.56	2,271.50	2,631.06	
Conservation Charge - kWh	86.55	75.68	74.27	57.67	59.51	66.20	99.20	96.96	75.35	62.69	63.58	73.65	
Small Muni. No Demand MB TOTAL	7,641.27	6,735.99	6,618.04	5,235.11	5,388.45	5,961.83	8,695.71	8,477.19	6,707.77	5,669.01	5,743.51	6,582.18	79,456.07
Small Muni. Demand													
Distribution Customer Charge - Fixed	143.10	143.10	143.10	143.10	143.10	143.10	143.10	174.90	143.10	159.00	159.00	159.00	
Energy													
Generation Charge - kWh	6,702.10	5,860.82	5,751.21	4,466.05	4,608.55	5,126.61	7,681.99	7,508.47	5,834.60	4,854.49	4,923.73	5,703.11	
Transmission Charge - kWh	2,376.45	2,078.15	2,039.28	1,583.59	1,634.11	1,817.81	2,723.90	2,662.38	2,068.85	1,721.32	1,745.87	2,022.23	
Distribution Charge - kWh	5,402.28	4,724.16	4,635.81	3,599.90	3,714.76	4,132.34	6,192.13	6,052.26	4,703.02	3,913.00	3,968.81	4,597.04	
Conservation Charge - kWh	255.08	223.06	218.89	169.97	175.40	195.11	292.37	285.76	222.06	184.76	187.39	217.05	
Demand													
Generation Charge - kW	2,348.68	2,684.94	2,315.93	2,322.29	1,978.21	4,732.51	4,813.28	5,531.32	4,591.72	1,853.37	2,104.52	2,657.72	
Distribution Charge - kW	2,400.39	2,744.04	2,366.91	2,373.41	2,021.76	2,121.47	2,157.68	2,479.56	2,058.36	1,894.17	2,150.85	2,716.22	
Small Muni. Demand TOTAL	19,628.08	18,458.26	17,471.12	14,658.31	14,275.90	18,268.96	24,004.44	24,694.65	19,621.70	14,580.11	15,240.19	18,072.36	218,974.07
Large Municipal ME													
Distribution Customer Charge - Fixed	2,098.80	2,098.80	2,098.80	2,098.80	2,098.80	2,098.80	2,098.80	2,098.80	2,098.80	1,908.00	1,908.00	1,908.00	
Energy													
Generation Charge - kWh	28,432.82	24,863.79	24,398.78	18,946.66	19,551.20	21,749.00	32,589.87	31,853.75	24,752.53	20,594.58	20,888.31	24,194.72	
Transmission Charge - kWh	10,107.43	8,838.70	8,673.39	6,735.25	6,950.15	7,731.44	11,585.20	11,323.52	8,799.15	7,321.06	7,425.48	8,600.85	
Distribution Charge - kWh	14,707.67	12,861.49	12,620.95	9,800.69	10,113.41	11,250.28	16,858.02	16,477.24	12,803.94	10,653.12	10,805.07	12,515.40	
Conservation Charge - kWh	1,209.26	1,057.47	1,037.69	805.81	831.52	925.00	1,386.07	1,354.76	1,052.74	875.90	888.39	1,029.02	
Demand													
Generation Charge - kW	10,167.35	10,176.00	9,938.14	9,527.99	8,307.15	20,131.56	20,025.08	14,883.96	18,347.14	8,435.49	9,584.19	9,368.77	
Distribution Charge - kW	9,879.60	9,888.00	9,656.87	9,258.33	8,072.05	8,580.21	8,534.83	6,343.65	7,819.68	8,196.75	9,312.93	9,103.62	
Large Municipal ME TOTAL	76,602.93	69,784.25	68,424.62	57,173.52	55,924.28	72,466.28	93,077.86	84,335.68	75,673.98	57,984.89	60,812.37	66,720.37	838,981.04
Street Lighting													
Distribution Charge - kWh	28,204.86	24,664.45	24,203.16	21,357.67	22,039.15	24,516.62	32,328.58	31,598.36	24,554.08	23,215.29	23,680.96	27,429.41	
Street Lighting TOTAL	28,204.86	24,664.45	24,203.16	21,357.67	22,039.15	24,516.62	32,328.58	31,598.36	24,554.08	23,215.29	23,680.96	27,429.41	307,792.60
Rate G Area Lighting TOTAL	4,750.00	4,750.00	4,750.00	4,750.00	4,750.00	4,750.00	4,750.00	4,750.00	4,750.00	4,750.00	4,750.00	4,750.00	57,000.00

	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Totals
REVENUE BY CLASS BY FERC ACCOUNT (BUDGET)													
440.1 RESIDENTIAL SALES - RATE A	1,294,097.97	1,145,218.23	1,125,980.27	1,024,995.13	1,054,668.99	1,160,632.95	1,469,026.30	1,437,188.50	1,142,617.67	1,104,752.12	1,124,480.48	1,285,321.60	**14,368,980.20**
440.2 RESIDENTIAL SALES - RATE LI	26,470.67	23,147.94	22,715.01	20,445.37	21,097.74	23,469.38	30,340.84	29,655.52	23,044.36	22,223.64	22,669.42	26,257.75	**291,537.63**
441.2 NYPA HYDROPOWER ADJUSTMENT	(13,035.00)	(13,014.30)	(13,028.40)	(13,095.60)	(13,149.60)	(13,127.70)	(13,223.40)	(13,079.40)	(13,219.20)	(13,086.30)	(13,065.60)	(13,081.20)	**(157,205.70)**
441.3 ENERGY CONSERVATION	27,015.28	23,624.19	23,182.36	19,591.75	20,196.91	22,435.93	30,965.07	30,265.65	23,518.48	21,137.03	21,463.66	24,795.08	**288,191.38**
442.1 COMMERCIAL SALES - RATE B SMALL	325,630.89	290,618.76	285,091.29	211,322.21	216,730.63	251,189.10	392,306.36	385,370.23	309,014.78	219,277.55	213,491.99	239,549.62	**3,339,593.40**
442.2 COMMERCIAL SALES - RATE E LARGE	410,957.40	379,219.78	368,841.47	321,218.59	327,103.78	383,842.23	492,516.98	491,724.10	415,477.18	342,667.87	340,249.11	376,491.28	**4,650,309.77**
442.3 COMMERCIAL SALES - RATE F HEATING	31,769.39	30,639.29	29,016.80	22,935.01	21,475.23	24,684.05	32,252.72	32,389.15	26,078.28	18,778.17	22,121.36	24,374.08	**316,513.53**
442.4 COMMERCIAL SALES - RATE G AREA LIGHTING	4,750.00	4,750.00	4,750.00	4,750.00	4,750.00	4,750.00	4,750.00	4,750.00	4,750.00	4,750.00	4,750.00	4,750.00	**57,000.00**
444 MUNICIPAL SALES - STREET LIGHTING	28,204.86	24,664.45	24,203.16	21,357.67	22,039.15	24,516.62	32,328.58	31,598.36	24,554.08	23,215.29	23,680.96	27,429.41	**307,792.60**
445.1 MUNICIPAL SALES - RATE MB SMALL	26,927.73	24,895.52	23,796.01	19,665.77	19,429.44	23,969.47	32,308.58	32,789.12	26,032.06	20,001.67	20,732.72	24,363.84	**294,911.93**
445.2 MUNICIPAL SALES - RATE ME LARGE	75,393.67	68,726.78	67,386.92	56,367.71	55,092.76	71,541.28	91,691.80	82,980.92	74,621.24	57,108.99	59,923.98	65,691.35	**826,527.41**
	2,238,182.85	**2,002,490.63**	**1,961,934.89**	**1,709,553.61**	**1,749,435.01**	**1,977,903.31**	**2,595,263.82**	**2,545,632.15**	**2,056,488.93**	**1,820,826.04**	**1,840,498.08**	**2,085,942.83**	**24,584,152.15**

III. PURCHASED POWER EXPENSE

Adjustments to the original budget caused by COVID-19

For the purposes of Budget Revision 4, Belmont Light is presenting a "W-Shaped" recovery scenario wherein the current emergency period continues through June 2020 and is followed by some normalization of the Massachusetts economy in Q3 2020 before a resurgence of the coronavirus causes a second period of drastic social distancing in Q4.

This scenario relies on the following assumptions:

- System-wide load reductions estimated at 3% for March 2020 and 6% per month from April through June and October through December
- Reopening of schools in September 2020
- No changes in expected Fixed and Ancillary, FCM and Transmission costs
- Updated, more moderate projections for 2020 average RECs pricing

Results of the scenario are:

- An updated 2020 load forecast of 127,760,349 kWh, a decrease of 3,983,763 kWh, or 3%, from the originally forecasted load of 131,744,112 kWh.
- Decreased energy and RECs expenses that total a reduction of $348,845 in expected purchased power costs from the original 2020 budget. Belmont Light's total all-in power costs for 2020 are now estimated at $13,724,127 compared to originally projected costs of $14,072,971, an impact of -2.48% on the overall power supply budget.
- Additional costs accounted for as purchased power expenses, related to Green Choice Program and Interest received on Rate Stabilization Fund, were reduced to $30,000 compared to originally budgeted expenses of $45,000.

In addition to the W-shaped scenario presented for the purposes of current Budget revision, Belmont Light ran two more scenarios to determine potential impacts to purchased power expenses:

1. V-shaped recovery scenario: months impacted by COVID-19: March-June 2020.
   Total power supply cost reduction estimated at $99,055, a decrease of -0.70% from the original power supply budget.
2. No recovery scenario: impact of COVID-19 is extended until the end of the year. RECs costs are impacted. Total cost reduction estimated at $437,470, a decrease of 3.11% from the original power supply budget.

Overview & Recent Trends

As a local distribution utility, Belmont Light purchases electricity from the Independent System Operator-New England (ISO-NE) marketplace and delivers it to the homes and businesses of Belmont. Belmont Light maintains a diversified power supply portfolio that enables Belmont Light to offer its ratepayers stable electricity pricing. With support from Energy New England, Belmont Lights manages its power supply portfolio according to established policy, prices and other economic factors, reliability considerations, and the needs of Belmont customers. Each year's power portfolio consists of a mixture of bilateral contracts for regional grid resources, direct contracts with specific renewable energy generators based in the Northeast, and real-time spot market purchases.

In July 2019, the Municipal Light Board approved an updated Power Supply Policy that commits Belmont Light to reaching a 100% renewable power supply by 2022 by meeting the annual minimum targets listed in the table below. This trajectory toward a fully renewable portfolio aligns with the goals set forth by the Belmont Energy Committee's Climate Action Roadmap, approved by Town Meeting in May 2019.

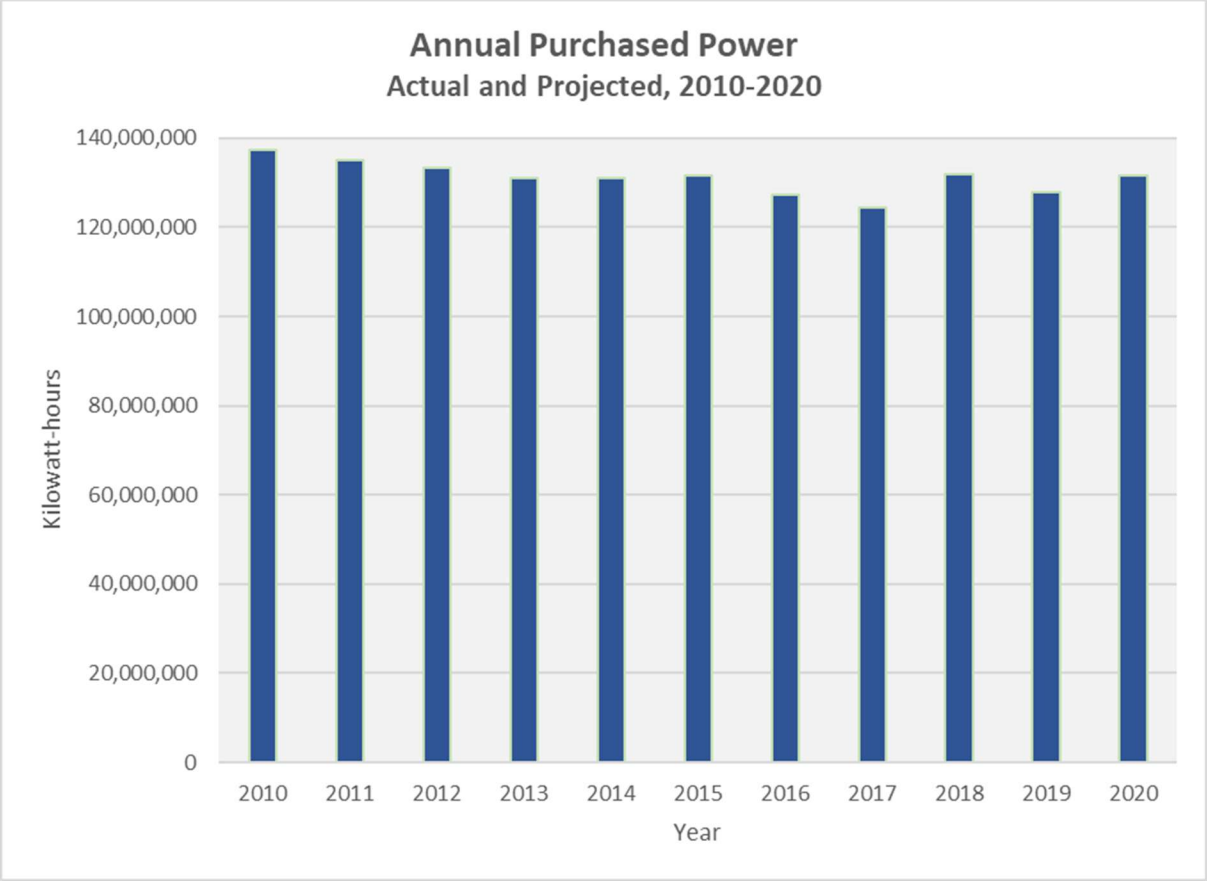
Table 3.1. Belmont Light Annual Power Supply Targets

Year	Percent of Total Belmont Light Power Supply Portfolio to be Non-Emitting
2018	33
2019	50
2020	66
2021	83
2022	100

Belmont Light will achieve each year's renewables target via long-term contracts and the retirement of Renewable Energy Certificates (RECs). As of this writing, the target of a 33% renewable supply for 2018 has been fulfilled and Belmont Light is on track to achieve 50% for the 2019 portfolio year.

Purchased power is Belmont Light's single largest annual expense. Components of the purchased power budget include energy, capacity, transmission, fixed charges and ancillary services, and RECs. (Each of these components are explained in the next section.) 2020's overall purchased power costs are budgeted at $14.1 million.

Figure 3.1

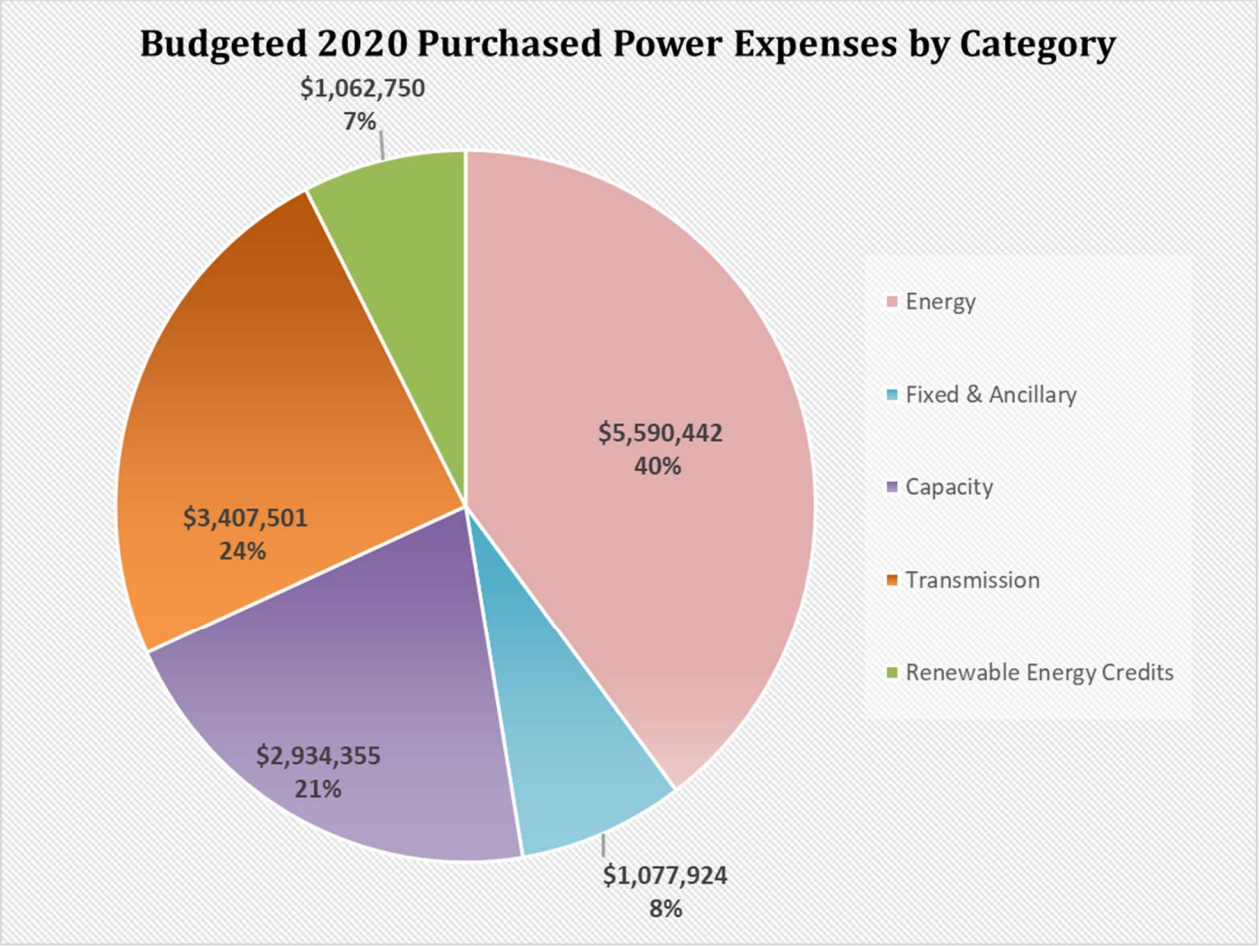


Generally, the amount of electricity Belmont Light purchases and sells does not vary drastically from each year to the next. However, the regional rates for certain power supply costs outside of Belmont Light's direct control, namely those pertaining to capacity and transmission, have endured noteworthy increases in recent years, which impacts Belmont Light's net operating income and, subsequently, customer rates.

2020 Budget

Belmont Light's total all-in power costs for 2020 will be approximately $14,072,971. Figure 3.2 below shows a breakdown of the total budget by key spending category. Details on each category are provided in subsections.

Figure 3.2



Energy Expenses

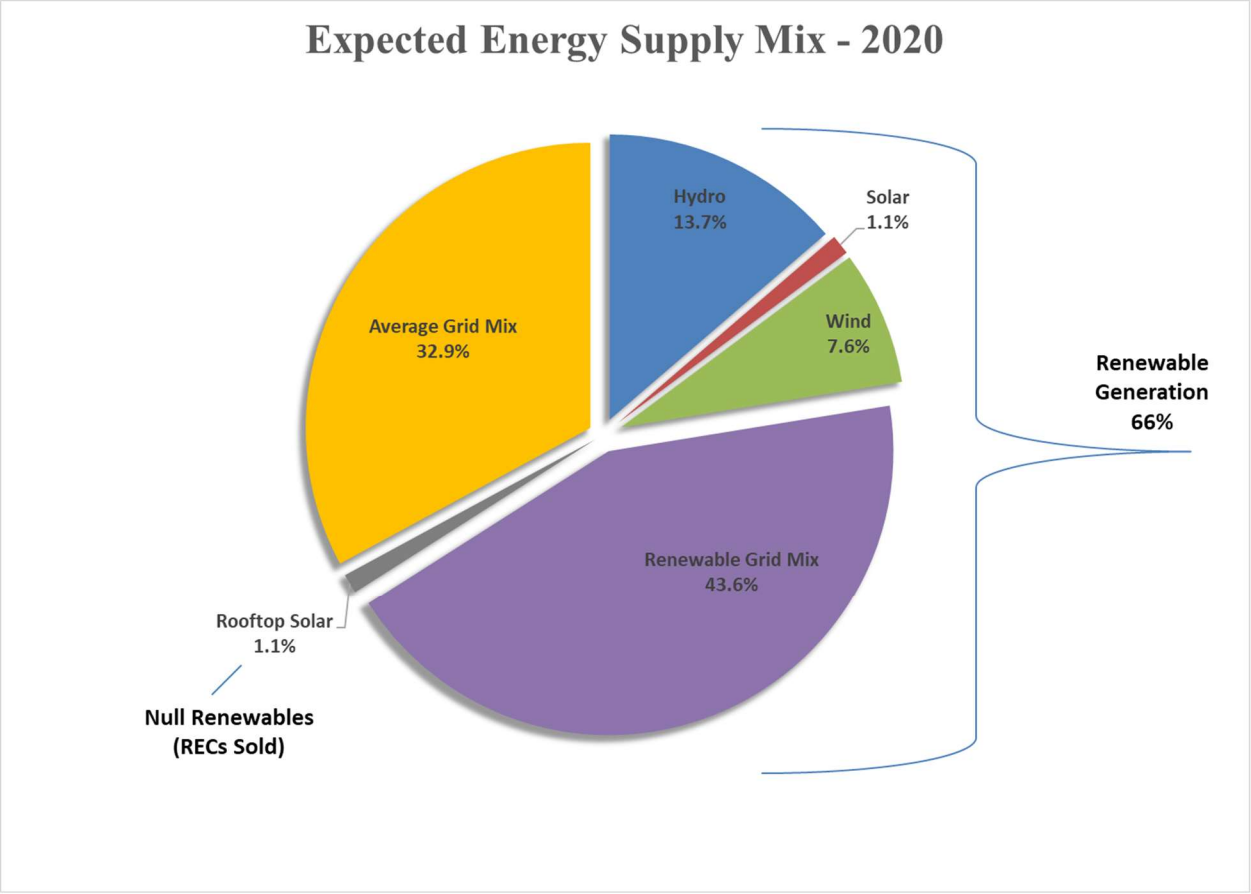
The largest category in the purchased power budget is what Belmont Light pays to purchase the actual electricity it sells to customers. 2020's budgeted $5,590,442 will purchase approximately 131,744 megawatt hours (MWh) of power. Most of the purchases, about 81%, will be made through an array of hedged, contracted agreements. A smaller portion, approximately 18%, will come from unhedged ISO-NE spot market transactions, and the remaining 1% will be paid directly to Belmont residents and businesses for electricity produced by their rooftop solar facilities.

Provided below is a listing of Belmont Light's expected purchased power costs by contract and energy resource type for 2020. Figure 3.3 shows the anticipated 2020 energy supply mix.

Table 3.2. 2020 Budgeted Expenses by Contract and Resource Type

Contract or Resource Name	Energy Resource Type	Estimated 2020 Budget	% Total Energy Expenses	% Overall Purchased Power Budget
Shell Energy	General Grid Mix	$ 1,479,158	26.5%	10.6%
NextEra Rise	General Grid Mix	$ 1,164,499	20.8%	8.4%
Unhedged Purchases	General Grid Mix	$ 727,874	13.0%	5.2%
Exelon	General Grid Mix	$ 616,379	11.0%	4.4%
Spruce Mountain	Wind	$ 400,811	7.2%	2.9%
Saddleback	Wind	$ 346,294	6.2%	2.5%
Miller/Brown Bear	Hydro	$ 189,855	3.4%	1.4%
First Light Shepaug	Hydro/Pump Storage	$ 167,567	3.0%	1.2%
Rooftop Solar	Solar	$ 158,539	2.8%	1.1%
Granite	Wind	$ 123,615	2.2%	0.9%
NuGen	Solar	$ 90,413	1.6%	0.7%
First Light Stevenson	Hydro/Pump Storage	$ 81,886	1.5%	0.6%
New York Power Authority	Hydro	$ 43,552	0.8%	0.3%
Total		**$ 5,590,442**	**100%**	**39.9%**

Figure 3.3



Capacity Expenses

Every load-serving utility that operates within ISO-NE territory must make monthly capacity payments intended to maintain adequate generation across New England's energy market from year-to-year. Capacity charges are separate from energy and transmission costs and are determined based on Belmont Light's load during system-wide annual peak demand, which usually occurs in the summer. Capacity charges are set during Forward Capacity Auctions, overseen by ISO-NE, three-years in advance of any given capacity year.

The regional capacity rate for 2020 is lower than those of past years and annual rates thereafter will continue to decline steadily before reaching a historic low in mid-2024. For the first time in several years, Belmont Light's annual budget for capacity is lower than that for transmission in 2020, with capacity expenses expected to be $2.9 million.

Table 3.3. 2019-2024 Forecasted Capacity Load Charge Rates for Belmont Light

PERIOD	FCA RATE - SEMA Location ($/kw-mo)
2019-2020	$ 7.646
2020-2021	$ 6.211
2021-2022	$ 5.506
2022-2023	$ 4.198
2023-2024	$ 2.001

Transmission Expenses

Regional Transmission

In addition to Energy and Capacity expenses, Belmont Light also makes monthly payments—known as regional network service (RNS) fees—so it can access New England's regional transmission network, which carries electricity from power plants all over the region to Belmont Light's local distribution system. Recent RNS rates are shown in the chart below. Belmont Light's monthly charges are based on these rates and Belmont's actual system load during monthly transmission peaks.

Belmont Light's 2020 budgets includes $3.4 million for regional transmission, a slight uptick from years past as 2020's rate has increased. Transmission accounts for the second largest category of Belmont Light's purchased power expenses for 2020.

Table 3.4. 2019-2024 Forecasted ISO-New England Regional Network Service Rates

PERIOD	FORECASTED REGIONAL NETWORK SERVICE RATE ($/kw-mo)
2019-2020	$ 9.328
2020-2021	$ 10.000
2021-2022	$ 10.500
2022-2023	$ 11.083
2023-2024	$ 11.500

Local Transmission

Prior to the energization of the Blair Pond Substation in 2016, Belmont Light paid local network service (LNS) fees to be directly interconnected with Eversource's distribution network. Until ISO-NE issues a determination on the topic, it remains uncertain whether Belmont Light will be privy to local transmission charges going forward. A contingency of $200,000 has been budgeted to the LNS category for 2020 in case a final determination is made.

Fixed Charges & Ancillary Services

Belmont Light pays fixed monthly costs associated with the New York Power Authority (NYPA) and NextEra Rise contracts. Fixed charges include schedule costs for ISO-NE to administer and run the core operations of the regional Energy Market. Ancillary services ensure the reliability of and support for the transmission of electricity to serve load, including regulation and frequency response, spinning reserve, non-spinning reserve, replacement reserve, and reactive supply and voltage control.

The 2019 budget includes an expected $1 million for fixed costs and ancillary services.

Renewable Energy Certificates

For 2020, Belmont Light has a goal to achieve a power portfolio that consists of 66% renewable energy resources. Attaining this goal requires Belmont Light to retire a quantity of RECs that represents almost two-thirds of its retail electricity sales for the year (after deducting the energy acquired through the NYPA contract): the equivalent of approximately 76,300 MWh of renewable power. RECs will be sourced via existing direct renewables contracts, voluntary market purchases, Belmont Light's resident-funded Green Choice Program, and Belmont Light's 2020 MLP Solar Rebate Program. Expected RECs costs for 2020 are $1.1 million, which includes some contingency to hedge against market price volatility.

SCHEDULE III
POWER SUPPLY EXPENSES
2020 BELMONT LIGHT BUDGET

Revision 4 - May 15, 2020

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	555.1	PURCHASED POWER - GENERAL	7,981,169	7,200,106	4,819,397	5,202,666	5,275,823	6,095,832	5,853,157	4,660,478	4,524,220	
2	555.15	PURCHASED POWER - ROOFTOP SOLAR	-	-	-	-	137,860	27,572	-	158,539	158,539	
3	555.2	PURCHASED POWER - ISO	2,708,578	2,967,605	5,474,973	1,796,305	1,008,729	2,791,238	1,850,257	1,736,298	1,706,461	
4	555.25	PURCHASED POWER - FCM CHRGS	-	-	-	4,414,761	3,779,510	1,638,854	3,607,895	2,934,355	2,934,355	
5	555.3	PURCHASED POWER - MMWEC	132,366	117,076	51,054	(10,344)	2,290	58,488	112,866	113,051	113,051	
6	555.35	PURCHASED POWER - MMWEC ADJ	-	(27)	(30)	(26)	(44)	(25)	-	-	-	
7	555.4	PURCHASED POWER - GREEN CHOICE REC PROG	11,658	6,609	13,182	10,811	14,841	11,420	15,000	15,000	15,000	
8	555.45	PURCHASED POWER - REC PURCHASING	-	-	-	-	608,676	121,735	-	1,062,750	880,000	
9	555.5	PURCHASED POWER - REFUNDS	-	-	(14,857)	-	-	(2,971)	-	-	-	
10	555.6	PURCHASED POWER - RATE STAB INTEREST	700,000	4,183	15,697	34,719	66,961	164,312	15,000	30,000	15,000	
11	555.65	PURCHASED POWER - RATE STAB TRANSFERS	-	300,000	300,000	(1,000,000)	-	(80,000)	(500,000)			
12	557.1	TRANSMISSION - NSTAR	902,698	824,375	585,698	(1,058)	2,554	462,853	-	200,000	200,000	
13	557.2	TRANSMISSION - ISO	2,283,453	2,385,102	2,591,754	2,694,908	2,585,308	2,508,105	3,182,651	3,056,178	3,056,178	
14	557.3	TRANSMISSION - NYPA	191,050	106,394	116,034	159,270	120,771	138,704	234,426	151,323	151,323	
15	TOTALS		14,910,974	13,911,423	13,952,901	13,302,011	13,603,278	13,936,117	14,371,252	14,117,971	13,754,127	

SCHEDULE III-1.1
POWER SUPPLY EXPENSES DETAILS
2020 BELMONT LIGHT BUDGET

Revision 4 - May 15, 2020

Covid Budget Scenario 2- W-Shaped Recovery

Summary	
Estimated Load Reduction:	**-6%**
Impact to Energy Budget	
MWh Variance from Original Budget	**(3,984)**
Cost Variance from Original Energy Budget (Market Purchases Only)	**$ (166,095)**
% Variance from Original Energy Budget (Market Purchases Only)	**-3.06%**
Updated RECs Budget	
Cost Variance from Original RECs Budget	**$ (182,750)**
% Variance from Original RECs Budget	**-17.20%**
Total Impact to Purchased Power Costs	
Updated Power Supply Budget	**$ 13,724,127**
Total Cost Variance from Original Power Supply Budget (Energy + RECs)	**$ (348,845)**
% Variance from Original Power Supply Budget	**-2.48%**

Detail

			Impacted Months						*Impacted Months*			
	Jan-20	**Feb-20**	**Mar-20**	**Apr-20**	**May-20**	**Jun-20**	**Jul-20**	**Aug-20**	**Sep-20**	**Oct-20**	**Nov-20**	**Dec-20**	**Totals**
Original MWH Load Forecast	11,982	10,478	10,600	9,234	9,519	10,575	13,734	13,424	10,431	9,963	10,118	11,687	131,744
Projected MWh Loss			(318)	(554)	(571)	(634)				(598)	(607)	(701)	(3,984)
Updated MWH Load Forecast	11,982	10,478	10,282	8,680	8,948	9,940	13,734	13,424	10,431	9,365	9,511	10,986	127,760
Original Budget - Total Energy Costs (Market)	$ 545,826	$ 462,558	$ 454,941	$ 366,290	$ 370,151	$ 409,387	$ 537,086	$ 523,534	$ 396,941	$ 398,579	$ 431,292	$ 535,318	$ 5,431,903
Projected Cost Impact			$ (13,807)	$ (22,367)	$ (22,581)	$ (24,939)				$ (24,158.81)	$ (26,026.99)	$ (32,213.99)	$ (166,095)
Updated Energy Costs	$ 545,826	$ 462,558	$ 441,134	$ 343,923	$ 347,570	$ 384,448	$ 537,086	$ 523,534	$ 396,941	$ 374,421	$ 405,265	$ 503,104	$ 5,265,808
% Variance			-3.03%	-6.11%	-6.10%	-6.09%				-6.06%	-6.03%	-6.02%	-3.06%

Original RECs Budget			$ 265,688		$ 265,688			$ 265,688			$ 265,688	$	1,062,750
Updated RECs Budget			$ 220,000		$ 220,000			$ 220,000			$ 220,000	$	880,000
Cost Impact			$ (45,688)		$ (45,688)			$ (45,688)			$ (45,688)	$	(182,750)
% Variance			-17.20%		-17.20%			-17.20%			-17.20%		-17.20%

SCHEDULE III-1.2
POWER SUPPLY EXPENSES DETAILS
2020 BELMONT LIGHT BUDGET

Original Budget

2020 - Monthly Details

	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Totals
Total MWH Load	11,982	10,478	10,600	9,234	9,519	10,575	13,734	13,424	10,431	9,963	10,118	11,687	131,744
Hedged	**84.43%**	**84.15%**	**84.17%**	**78.56%**	**78.80%**	**78.65%**	**78.93%**	**78.85%**	**78.73%**	**79.14%**	**84.40%**	**84.76%**	**81.14%**
Total Hedged Costs	$ 467,522	$ 408,608	$ 405,954	$ 313,924	$ 319,028	$ 359,434	$ 458,414	$ 447,835	$ 346,948	$ 349,687	$ 377,430	$ 449,245	$ 4,704,029
Total MWH	10,115.88	8,817.63	8,921.58	7,254.62	7,501.55	8,316.51	10,840.38	10,584.91	8,212.82	7,884.84	8,539.52	9,905.30	106,895.55
$/MWH	46.22	46.34	45.50	43.27	42.53	43.22	42.29	42.31	42.24	44.35	44.20	45.35	44.01
Unhedged	**15.01%**	**15.05%**	**14.68%**	**19.69%**	**19.55%**	**19.85%**	**19.82%**	**19.90%**	**19.74%**	**19.85%**	**15.03%**	**14.95%**	**17.77%**
Total Unhedged Costs	$ 78,303	$ 53,950	$ 48,987	$ 52,366	$ 51,124	$ 49,954	$ 78,672	$ 75,699	$ 49,993	$ 48,893	$ 53,861	$ 86,072	$ 727,874
Total MWH	1,798.61	1,576.51	1,556.25	1,818.49	1,861.06	2,098.58	2,721.91	2,671.62	2,059.09	1,977.42	1,520.57	1,747.20	23,407.30
$/MWH	43.54	34.22	31.48	28.80	27.47	23.80	28.90	28.33	24.28	24.73	35.42	49.26	31.10
Total Energy Costs (Market)	$ 545,826	$ 462,558	$ 454,941	$ 366,290	$ 370,151	$ 409,387	$ 537,086	$ 523,534	$ 396,941	$ 398,579	$ 431,292	$ 535,318	$ 5,431,903
Total MWH	11,914	10,394	10,478	9,073	9,363	10,415	13,562	13,257	10,272	9,862	10,060	11,652	130,302.85
$/MWH	$ 45.81	$ 44.50	$ 43.42	$ 40.37	$ 39.54	$ 39.31	$ 39.60	$ 39.49	$ 38.64	$ 40.41	$ 42.87	$ 45.94	41.69
Fixed Costs	$ 41,192	$ 41,192	$ 41,192	$ 41,192	$ 41,192	$ 41,792	$ 41,792	$ 41,792	$ 41,792	$ 41,792	$ 41,792	$ 41,792	$ 498,499
ISO Ancillary/Schedule Costs	$ 52,981	$ 46,220	$ 46,592	$ 40,346	$ 41,633	$ 46,313	$ 60,308	$ 58,948	$ 45,677	$ 43,855	$ 44,735	$ 51,816	$ 579,424
ISO FCM Costs	$ 261,144	$ 261,144	$ 261,144	$ 261,144	$ 261,144	$ 232,662	$ 232,662	$ 232,662	$ 232,662	$ 232,662	$ 232,662	$ 232,662	$ 2,934,355
Transmission Costs	$ 286,415	$ 260,290	$ 229,125	$ 217,303	$ 279,169	$ 323,392	$ 349,100	$ 363,833	$ 350,858	$ 232,691	$ 233,955	$ 281,371	$ 3,407,501
RECs Costs			$ 265,688			$ 265,688			$ 265,688			$ 265,688	$ 880,000
Rooftop Solar	**0.56%**	**0.80%**	**1.15%**	**1.74%**	**1.65%**	**1.51%**	**1.25%**	**1.24%**	**1.53%**	**1.01%**	**0.57%**	**0.29%**	**1.09%**
Total Rooftop Solar Costs	$ 7,417	$ 9,213	$ 13,430	$ 17,692	$ 17,256	$ 17,549	$ 18,861	$ 18,370	$ 17,500	$ 11,071	$ 6,392	$ 3,788	$ 158,539
Total MWH	67.43	83.75	122.09	160.83	156.88	159.53	171.46	167.00	159.09	100.64	58.11	34.44	1,441
	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00	$ 110.00
Total All-In Power Costs	$ 1,194,974	$ 1,080,616	$ 1,312,111	$ 943,966	$ 1,010,545	$ 1,336,782	$ 1,239,809	$ 1,239,139	$ 1,351,117	$ 960,650	$ 990,828	$ 1,412,434	$ 14,072,971
Total MWH	11,982	10,478	10,600	9,234	9,519	10,575	13,734	13,424	10,431	9,963	10,118	11,687	131,744
$/MWH without RECs	$ 92.34	$ 94.68	$ 98.72	$ 92.64	$ 96.85	$ 101.29	$ 83.83	$ 85.71	$ 104.06	$ 87.53	$ 89.17	$ 98.12	$ 98.75
$/MWH including RECs	$ 99.73	$ 103.13	$ 123.78	$ 102.23	$ 106.16	$ 126.41	$ 90.27	$ 92.31	$ 129.53	$ 96.42	$ 97.93	$ 120.86	$ 106.82

IV. OPERATIONS AND MAINTENANCE EXPENSE

Adjustments to the original budget caused by COVID-19

Belmont Light has extensively reviewed how its operations and planned activities might be influenced by the COVID-19 emergency for the remainder of 2020 if the “W-Shaped” recovery scenario unfolds.

Key changes to the Operations & Maintenance Budgets are:

1. Allocation of capital labor to operations (line worker teams on standby & decrease in capital jobs);
2. Increase of property insurance costs;
3. Increase of uncollectible expenses (to mitigate the risk of potential under collection as a result of economic situation);
4. Reduction of expenses related to training, DSM programs, and legal, transportation, and marketing activities;
5. OPEB charges reduction based on 2019 actuary data.

Overview

Annual 2020 projections are calculated based on a combination of estimated Belmont Light activity for the upcoming year and the average of the prior year actual expenditures. Any adjustments to the capitalization and accounting policies changes are also included.

Last and this year a major influencer on the projections is a change of accounting policy related to capitalization of labor and other expenses. At the same time, labor costs were reviewed and accounting was adjusted.

As a result, comparing prior year actuals vs forecasted estimates will be slightly off until a few years of current accounting practices are completed.

With that in mind, we are not planning to dramatically change our operational and maintenance activity. In the following Notes section, meaningful activities are summarized to highlight noticeable changes to the corresponding FERC accounts.
Any line item not associated with a Note should be considered typical activity and the 5 year average used as a basis for the budgeted figure.

Notes

NOTE 1
A/C 580.10 OPERATIONS SUPERVISION/ENGINEERING
Expense reduction due to increased capital labor of operations management/engineering team related to Blair Pond project and overall town distribution system upgrade (Blair Pond conversion Project, LED street light project, Cushing square project and other)

NOTE 2
A/C 581.10 STORE/STOCKROOM SUPPLIES AND EXPENSES
Change in operations team payroll allocation and increased control over materials due to heavier use of purchase orders

NOTE 3
A/C A/C 585.10 STREET LIGHT SYSTEM EXPENSES
No or minimal maintenance expenses, mostly capital expenses related to LED streetlight project

NOTE 4
A/C 585.20 TRAFFIC SIGNAL SYSTEM EXPENSES
A/C 585.30 FIRE ALARM SYSTEM EXPENSES
Increased systems maintenance expenses

NOTE 5

A/C 586 METER EXPENSES – ELECTRIC
Change in meter team payroll allocation.

Customer Accounts

NOTE 6
A/C 902.10 METER READING EXPENSES – ELECTRIC
Change in allocation of payroll expenses.

NOTE 7
A/C 903.10 CUSTOMER COLLECTION
Change in allocation of payroll expenses of customer service team and additional CS Supervisor position payroll. Increase in System maintenance costs related to implementation of Automated payment solution, OMS, etc.

Operations

NOTE 8
A/C 920 GENERAL AND ADMINISTRATIVE SALARIES
Change in allocation of payroll expenses of Energy Resources team & CC&B Manager

NOTE 9
A/C 923 OUTSIDE SERVICES EMPLOYED
Annual service contracts, including IT support, power portfolio management, COSS, other

NOTE 10
A/C 930.20 MISC GENERAL EXPENSES
Trainings & Membership expenses.

SCHEDULE IV
OPERATIONS AND MAINTENANCE EXPENSE DETAILS
2020 BELMONT LIGHT BUDGET

Revision 4 - May 15, 2020

DISTRIBUTION EXPENSE

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		OPERATIONS										
1	580.1	OPERATIONS SUPERVISION/ENGINEERING	687,555	631,653	556,478	649,498	556,880	616,413	324,984	400,283	483,753	NOTE 1
2	580.2	OPS SUPERVISION - LONGEVITY	850	-	-	964	1,073	577	-	1,500	1,500	
3	581.1	STORE/STOCKROOM SUPPLIES AND EXPENSES	63,471	103,756	125,908	89,424	112,433	98,998	50,004	70,298	50,327	NOTE 2
4	582	STATION EXPENSES, TECH SVC	106,787	155,620	270,918	244,498	211,239	197,812	179,784	138,852	100,857	
5	583	OH LINE EXPENSES	479,527	528,346	517,101	634,591	565,515	545,016	330,744	299,876	298,074	
6	584	UG LINE EXPENSES	592,467	405,494	254,419	211,268	216,469	336,023	275,585	301,221	294,491	
7	585.1	STREET LIGHT SYSTEM EXPENSES	93,381	63,844	51,216	56,893	69,999	67,067	25,044	-	-	NOTE 3
8	585.2	TRAFFIC SIGNAL SYSTEM EXPENSES	17,001	13,375	8,850	12,171	37,309	17,741	16,044	86,034	62,770	NOTE 4
9	585.3	FIRE ALARM SYSTEM EXPENSES	11,488	11,540	9,023	6,266	13,797	10,423	14,040	34,689	30,353	NOTE 4
10	586	METER EXPENSES - ELECTRIC	95,991	83,493	86,800	55,675	119,768	88,345	213,657	207,634	155,468	NOTE 5
11	586.1	METER EXPENSES - WATER	37,750	76,981	74,595	90,607	47,188	65,424	-			
12	586.2	METER EXPENSES - LONGEVITY	-	-	-	-	-	-	-			
13	587	CUSTOMER INSTALLATIONS	29,602	75,881	72,057	87,062	57,071	64,335	9,509	13,187	8,937	
14	588	MISC DISTRIBUTION EXPENSES - FLSA ADJ	122,920	122,489	119,652	129,813	158,073	130,589	141,180	150,894	127,323	
15		Subtotal	2,338,789	2,272,472	2,147,017	2,268,731	2,166,814	2,238,765	1,580,575	1,704,468	1,613,853	
		MAINTENANCE										
16	595	MAINTENANCE OF LINE TRANSFORMERS	13,571	2,162	2,203	1,975	932	4,169	10,000	1,000	1,000	
17		Subtotal	13,571	2,162	2,203	1,975	932	4,169	10,000	1,000	1,000	
18		Total Distribution	2,352,361	2,274,634	2,149,220	2,270,705	2,167,746	2,242,933	1,590,575	1,705,468	1,614,853	-

SCHEDULE IV
OPERATIONS AND MAINTENANCE EXPENSE DETAILS
2020 BELMONT LIGHT BUDGET

CUSTOMER ACCOUNTS EXPENSES, SALES EXPENSES

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		OPERATIONS										
		CUSTOMER ACCOUNTS										
1	901	SUPERVISION	26,239	1,176	3,083	263	1,557	6,464	-			
2	902.1	METER READING EXPENSES - ELECTRIC	5,951	20,032	14,719	12,321	41,507	18,906	46,900	20,900	20,900	NOTE 6
3	902.5	METER READING EXPENSES - WATER	95,462	103,367	77,265	87,088	98,108	92,258	-			
4	903.1	CUSTOMER COLLECTION	230,702	302,729	208,864	182,210	225,764	230,054	387,336	465,385	400,840	NOTE 7
5	903.2	CUSTOMER COLLECTION - LONGEVITY	325	6,141	6,458	7,290	8,854	5,814	-	8,500	8,500	
6	903.3	CUSTOMER COLLECTION - BILLING MODULE LIG	-	5,234	100,235	134,394	139,606	75,894	135,000	74,400	74,400	
7	903.35	CUSTOMER COLLECTION - BILLING MODULE DPW	-	-	34,706	60,505	60,984	31,239	66,348	87,880	87,880	NOTE 7
8	904	UNCOLLECTIBLE EXPENSES	75,974	24,419	17,299	95,736	159,524	74,590	25,000	100,000	150,000	
9	425.1	MISC AMORTIZATION - BAD DEBTS RECOVERED	(2,961)	(27,093)	31,274	-	-	244	-			
10	906	ENERGY CONSERVATION EXPENSES	37,880	59,776	76,589	75,080	51,196	60,104	72,000	74,880		
11	906.1	ENERGY CONSERVATION EXPENSES - DSM	108,051	207,169	200,265	187,188	249,324	190,400	369,660	410,234	345,984	
12		Total Customer Accounts	577,624	702,949	770,758	842,075	1,036,424	785,966	1,102,244	1,242,179	1,088,504	
		SALES EXPENSES										
13	913	MARKETING / PUBLIC OUTREACH EXPENSES	106,868	95,488	123,680	84,638	95,863	101,307	75,200	47,100	40,100	
	913.1	PUBLIC OUTREACH / INSERT PRINTING EXPENS	-	-	-	-	2,559	512	-	5,000	5,000	
14		Total Sales Expenses	106,868	95,488	123,680	84,638	98,422	101,307	75,200	47,100	40,100	

SCHEDULE IV
OPERATIONS AND MAINTENANCE EXPENSE DETAILS
2020 BELMONT LIGHT BUDGET

ADMINISTRATIVE AND GENERAL

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		OPERATIONS										
1	920	GENERAL AND ADMINISTRATIVE SALARIES	515,320	587,674	722,935	673,886	915,473	683,058	844,272	869,031	865,351	NOTE 8
2	921	OFFICE SUPPLIES AND EXPENSES	87,592	54,063	53,402	51,018	54,910	60,197	42,544	50,580	50,580	
3	921.1	OFFICE EXPENSES - S/W APPS MAINT	64,844	93,847	51,702	76,584	70,781	71,551	69,804	90,762	90,762	
4	921.2	OFFICE EXPENSES - UTILITIES USED	38,931	43,314	42,042	50,073	51,920	45,256	47,448	47,900	47,900	
5	921.3	T&E - MEALS, TRAVEL, OTHER	33,615	33,596	29,429	23,834	31,185	30,332	18,204	30,000	30,000	
6	922.1	INTERCOMPANY EXPENSES	-	-	-	86,643	6,598	18,648	-			
7	922.2	INTERCOMPANY EXPENSES - CREDIT	-	-	-	(86,643)	(6,598)	(18,648)	-			
8	923	OUTSIDE SERVICES EMPLOYED	233,977	285,631	301,087	336,712	339,280	299,337	257,904	338,550	338,550	NOTE 9
9	923.1	AUDIT SERVICES	25,000	15,500	44,500	43,950	35,000	32,790	36,996	35,000	35,000	
10	923.2	LEGAL COUNSEL SERVICES	70,018	51,702	92,755	73,983	113,151	80,322	119,496	80,000	60,000	
11	923.3	GENERAL ENGINEERING SERVICES	25,763	38,740	20,533	1,677	70,341	31,411	-	10,000	10,000	
12	924	PROPERTY INSURANCE	76,093	89,160	118,382	125,130	127,083	107,170	133,944	61,300	107,700	
13	925	INJURIES/DAMAGES	95	-	-	-	11,810	2,381	-	55,498	55,498	
14	925.1	SAFETY PROGRAM EXPENSES	71,456	56,849	96,512	64,847	97,902	77,513	61,296	89,200	89,200	
15	926	EMPLOYEE PENSION / BENEFITS	1,083,252	1,128,437	1,245,117	1,394,180	1,505,070	1,271,211	1,460,580	1,758,837	1,758,837	
16	926.1	OPEB BENEFITS	388,380	497,184	493,412	412,284	352,014	428,655	500,004	500,000	400,000	
17	926.2	EMPLOYEE EDUCATIONAL BENEFITS	-	37,333	60,027	-	-	19,472	3,000			
18	928	REGULATORY COMMISSION EXPENSES	-	-	-	-	-	-	-			
19	930.2	MISC GENERAL EXPENSES	35,908	26,888	14,543	20,294	42,829	28,092	23,004	50,000	33,500	NOTE 10
20	930.3	FREIGHT CHARGES	2,951	3,013	-	679	271	1,383	3,000	1,200	1,200	
21	930.4	MISC GENERAL EXP - BOND ISSUANCE COSTS	-	-	-	-	-	-	-			
22	930.5	MISC AP REFUNDS - GENERIC - CLEARING	-	-	-	-	-	-	-			
23	930.9	COVID-19 STANDBY SALARIES	-	-	-	-	-	-	-		433,866	
24	930.95	COVID-19 EXPENSES (LABOR, MTLS, SVC)	-	-	-	-	-	-	-		26,536	
25			2,753,195	3,042,932	3,386,378	3,349,130	3,819,019	3,270,131	3,621,496	4,067,858	4,434,480	

SCHEDULE IV
OPERATIONS AND MAINTENANCE EXPENSE DETAILS
2020 BELMONT LIGHT BUDGET

ADMINISTRATIVE AND GENERAL

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		MAINTENANCE										
1	932	GENERAL PLANT MAINTENANCE	105,929	92,782	134,553	73,190	61,464	93,583	107,924	52,560	52,560	
2	932.1	GEN MAINT - OFFICE FURNITURE	-	1,300	1,539	-	-	568	-	2,000	2,000	
3	932.2	GEN MAINT - IT EQUIPMENT	-	126	28,471	5,276	10,510	8,877	-	8,000	8,000	
4	932.3	GEN MAINT - MISC EQUIPMENT	-	285	4,400	1,643	1,312	1,528	-	1,200	1,200	
5	933	TRANSPORTATION EXPENSES	65,539	52,463	51,995	23,125	74,139	53,452	51,996	60,000	45,000	
6			171,468	146,956	220,958	103,234	147,425	158,008	159,920	123,760	108,760	-
7		Total Admin & Gen	2,924,662	3,189,888	3,607,336	3,452,364	3,966,444	3,428,139	3,781,416	4,191,618	4,543,240	
8		Total Power Supply (Schedule III)	14,910,974	13,911,423	13,952,901	13,302,011	13,603,278	13,936,117	14,371,252	14,117,971	13,754,127	
9		TOTAL O & M EXPENSE	20,872,489	20,174,382	20,603,895	19,951,793	20,872,315	20,494,463	20,920,687	21,304,336	21,040,824	
10		Total Operations	5,776,476	6,113,841	6,427,833	6,544,573	7,120,680	6,396,169	6,379,515	7,061,605	7,176,937	
11		Total Maintenance	185,039	149,118	223,161	105,208	148,356	162,177	169,920	124,760	109,760	

V. PLANT ADDITIONS AND RETIREMENTS

Adjustments to the original budget caused by COVID-19

Annual projections for plant additions for are estimated based on Belmont Light's planned capital project activity for the upcoming year. For budget revision 4, expected work activity for the remainder of 2020 has been limited due to the COVID-19 situation. Recent adjustments to capitalization and accounting policies are also included. As Belmont Light continues to modernize its work order, time capture, and inventory systems, it is expected that annual figures will become more refined and subsequent budget forecasts more accurate.

The overall Capital budget was initially budgeted as $4,193,000, including $1,600,000 in CWIP expenses. The budget update for revision 4 is $2,898,000, which includes $600,000 of CWIP expenses.

The major changes to Belmont Light's capital project activity are:

- The Blair Pond Conversion Project has been adjusted from ~64% of total annual capital expenditures in the original budget down to 51%. The project is funded by long term bond.
- The IT System Improvements projects is ~5% of total capital expenditures. IT projects include further NISC application development, and server and security system upgrades.
- New customer projects now represent 14% of the budget compared to ~26% in the original budget. This line of expenses is related to infrastructure upgrades associated with Cushing Square development and other smaller projects.
- The LED Streetlights project is now 10% of the budget compared to ~7% of the original budget since the total budget went down. The LED Streetlight is expected to be completed in 2020, subject to COVID-19 influence.

Other capital initiatives include plans to purchase a new Digger and Service trucks, and to increase equipment inventory with an aim to support system upgrade projects and repair department buildings.

Additionally, Belmont Light has started fiber related construction to support smart grid, substation, and municipal needs. These expenditures will be captured through construction work in progress (CWIP) accounts and the creation of dedicated fiber subaccounts. Expected capital expenses related to the fiber project has been adjusted for 2020 due to the current COVID-19 situation.

Notes

NOTE 1
A/C 368 LINE TRANSFORMERS
Due to ongoing system conversion and upgrade (Project C) accounts are expected to increase as project progresses.

NOTE 2
A/C 373 STREET LIGHTING SYSTEM
LED streetlights project

NOTE 3
A/C 392 TRANSPORTATION
Additional truck (digger and service)

SCHEDULE V
HISTORICAL PLANT
2020 BELMONT LIGHT BUDGET

Revision 4 - May 15, 2020

ADDITIONS DURING YEAR SHOWN

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		INTANGIBLE PLANT										
1	360	LAND	-	1,577,248	-	-	-	315,450				
2		Subtotal	-	1,577,248	-	-	-	315,450		-	-	
		DISTRIBUTION PLANT										
3	361.1	STRUCTURES: UNIT A	-	-	-	-	-	-				
4	361.2	STRUCTURES: STATION 2	-	-	112,450	-	6,677	23,825		20,000	23,000	
5	361.3	STRUCTURES: STATION 3	-	-	-	-	-	-		20,000	22,000	
6	361.4	STRUCTURES: STATION 4/A	-	-	-	-	-	-				
7	361.5	STRUCTURES: PRINCE STREET YARD	-	-	-	-	-	-				
8	361.6	STRUCTURES: BLAIRPONT STATION	-	952,289	48,226	12,280	-	202,559	50,000			
9	362.1	EQUIPMENT: UNIT A	-	-	-	-	12,388	2,478				
10	362.2	EQUIPMENT: STATION 2 OAKLEY	-	-	-	-	-	-		17,000	17,000	
11	362.3	EQUIPMENT: STATION 3	1,750	-	-	-	-	350		13,000	13,000	
12	362.4	EQUIPMENT: MAIN STATION	-	1,962	-	-	-	392				
13	362.5	EQUIPMENT: BLAIRPOND STATION	-	11,819,925	602,592	1,470	-	2,484,797				
14	364.1	POLES	72,059	22,223	10,276	19,481	12,799	27,367	21,000			
15	364.2	TOWERS / FIXTURES	24,827	35,065	20,159	66,153	24,664	34,174				
16	365.1	OH PRIMARY CONDUCTOR/DEVICES	3,104	24,499	57,789	7,071	29,264	24,345	8,000	100,000	100,000	
17	365.2	OH SECONDARY CONDUCTOR/DEVICES	-	3,683	4,054	14,489	1,068	4,659				
18	366	UG CONDUIT	60,070	139,422	-	2,604,698	495,367	659,911				
19	366.1	UG CONDUIT: BLAIRPOND STATION	-	-	-	-	-	-				
20	367.1	UG CONDUCTOR/DEVICES - TRANSMISSION	-	148,670	-	-	-	29,734				
21	367.2	UG PRIMARY CONDUCTOR/DEVICES	42,096	191,001	434,646	1,607,149	1,521,052	759,189	2,403,000	1,498,000	1,398,000	
22	367.3	UG SECONDARY CONDUCTOR/DEVICES	16,890	437,567	20,108	104,105	53,871	126,508	10,000			
23	367.4	UG CONDUCTOR/DEVICES: BLAIRPOND STATION	-	-	-	-	15,655	3,131				
24	368.1	LINE TRANSFORMERS 5-25 KVA	1,823	7,395	-	1,352	850	2,284				
25	368.2	LINE TRANSFORMERS 37-50 KVA	32,537	20,078	13,316	7,364	36,783	22,016	85,000			
26	368.3	LINE TRANSFORMERS 75-100 KVA	82,421	17,622	182	1,023	14,898	23,229		275,000	75,000	NOTE 1
27	368.4	LINE TRANSFORMERS OVER 100 KVA	56,560	87,301	50,419	98,068	119,994	82,468	587,000			
28	369.1	OH/UG SERVICES - SINGLE	-	-	-	-	629	126				
29	369.2	OH/UG SERVICES - THREE PHASE	-	95	9,820	-	-	1,983				
30	370	METERS	64,057	64,436	36,854	16,000	24,732	41,216	28,000			
31	373.1	STREET LIGHTING SYSTEM	1,975	4,467	88,276	2,640	127,166	44,905	100,000	300,000	250,000	NOTE 2
32	373.2	TRAFFIC SIGNAL SYSTEM	-	-	535	-	3,158	739				
33	373.3	FIRE ALARM SYSTEM	-	-	-	-	11,724	2,345				
34	383	COMPUTER SOFTWARE	-	33,220	33,331	115,208	42,739	44,899	60,000		45,000	
35	384	COMMUNICATION EQUIPMENT	-	-	777	1,144	-	384	100,000			
36		Subtotal	460,169	14,010,919	1,543,810	4,679,695	2,555,478	4,650,014	3,452,000	2,243,000	1,943,000	

SCHEDULE V
HISTORICAL PLANT
2020 BELMONT LIGHT BUDGET

ADDITIONS DURING YEAR SHOWN

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		GENERAL PLANT										
1	390.1	CAPITAL IMPROVEMENTS 450 CONCORD	-	-	-	-	-	-				
2	390.5	CAPITAL IMPROVEMENTS 40 PRINCE	-	-	-	-	3,940	788	80,000			
3	391	OFFICE FURNITURE/EQUIPMENT	47,609	35,935	40,014	25,514	186,573	67,129	10,000	40,000	45,000	
4	391.1	ERP IMPLEMENTATION - IVUE	-	80,290	29,062	-	1,490	22,168		50,000	50,000	
5	392	TRANSPORTATION	63,794	62,190	91,443	196,777	141,425	111,126	-	260,000	260,000	NOTE 3
6	393	STORES EQUIPMENT	-	-	-	-	-	-				
7	394	TOOLS, SHOP, GARAGE EQUIPMENT	-	-	-	3,923	11,060	2,997				
8	395	LABORATORY EQUIPMENT	-	-	12,497	-	-	2,499				
9	396	POWER OPERATED EQUIPMENT	-	-	-	-	-	-				
10	397	COMMUNICATION EQUIPMENT - GENERAL	178	-	4,698	-	78,554	16,686	-			
11	398	MISC EQUIPMENT - EV CHARGING STATIONS	-	-	30,479	-	-	6,096	-			
12		Subtotal	111,581	178,414	208,193	226,214	423,041	229,489	90,000	350,000	355,000	
13		TOTAL	571,750	15,766,581	1,752,003	4,905,909	2,978,520	5,194,953	3,542,000	2,593,000	2,298,000	0

SCHEDULE V
HISTORICAL PLANT
2020 BELMONT LIGHT BUDGET

RETIREMENTS DURING YEAR SHOWN

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		INTANGIBLE PLANT										
1	360	LAND	-	-	-	-	-	-				
2		Subtotal	-	-	-	-	-	-				
		DISTRIBUTION PLANT										
3	361.1	STRUCTURES: UNIT A	-	-	-	-	-	-				
4	361.2	STRUCTURES: STATION 2	-	-	-	-	-	-		5,000	5,750	
5	361.3	STRUCTURES: STATION 3	-	-	-	-	-	-		5,000	5,500	
6	361.4	STRUCTURES: STATION 4/A	-	-	-	-	-	-				
7	361.5	STRUCTURES: PRINCE STREET YARD	-	-	-	-	-	-				
8	361.6	STRUCTURES: BLAIRPONT STATION	-	-	-	-	-	-	-			
9	362.1	EQUIPMENT: UNIT A	-	-	-	-	-	-				
10	362.2	EQUIPMENT: STATION 2 OAKLEY	-	-	-	-	-	-		4,250	4,250	
11	362.3	EQUIPMENT: STATION 3	-	-	-	-	-	-		3,250	3,250	
12	362.4	EQUIPMENT: MAIN STATION	-	-	-	-	-	-				
13	362.5	EQUIPMENT: BLAIRPOND STATION	-	-	-	-	-	-				
14	364.1	POLES	5,839	6,535	1,313	4,839	2,420	4,189	-			
15	364.2	TOWERS / FIXTURES	-	-	-	-	-	-				
16	365.1	OH PRIMARY CONDUCTOR/DEVICES	-	-	-	-	-	-		25,000	25,000	
17	365.2	OH SECONDARY CONDUCTOR/DEVICES	10,864	11,196	7,517	28,429	20,663	15,734				
18	366	UG CONDUIT	-	-	-	-	-	-				
19	366.1	UG CONDUIT: BLAIRPOND STATION	-	-	-	-	-	-				
20	367.1	UG CONDUCTOR/DEVICES - TRANSMISSION	-	-	-	-	-	-				
21	367.2	UG PRIMARY CONDUCTOR/DEVICES	6,641	6,646	7,536	40,586	61,703	24,622	-	359,000	334,000	
22	367.3	UG SECONDARY CONDUCTOR/DEVICES	6,464	4,099	20,286	23,425	13,893	13,633	-			
23	367.4	UG CONDUCTOR/DEVICES: BLAIRPOND STATION	-	-	-	-	-	-				
24	368.1	LINE TRANSFORMERS 5-25 KVA	2,016	4,106	-	-	-	1,224				
25	368.2	LINE TRANSFORMERS 37-50 KVA	4,938	16,692	1,649	8,237	11,999	8,703	13,000			
26	368.3	LINE TRANSFORMERS 75-100 KVA	35,361	-	39,756	-	-	15,023		68,750	18,750	
27	368.4	LINE TRANSFORMERS OVER 100 KVA	15,418	8,336	36,389	29,494	-	17,927	60,000			
28	369.1	OH/UG SERVICES - SINGLE	-	-	-	-	-	-				
29	369.2	OH/UG SERVICES - THREE PHASE	-	-	-	-	-	-				
30	370	METERS	327,171	85,736	19,433	20,216	15,980	93,707				
31	373.1	STREET LIGHTING SYSTEM	12,977	9,797	3,563	9,286	80,154	23,155	150,000	75,000	73,750	
32	373.2	TRAFFIC SIGNAL SYSTEM	-	-	-	-	-	-				
33	373.3	FIRE ALARM SYSTEM	-	-	-	-	-	-				
34	383	COMPUTER SOFTWARE	-	-	-	-	-	-			-	
35	384	COMMUNICATION EQUIPMENT	-	-	-	-	-	-				
36		Subtotal	427,688	153,143	137,443	164,512	206,812	217,920	223,000	545,250	470,250	

SCHEDULE V
HISTORICAL PLANT
2020 BELMONT LIGHT BUDGET

RETIREMENTS DURING YEAR SHOWN

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		GENERAL PLANT										
1	390.1	CAPITAL IMPROVEMENTS 450 CONCORD	-	-	-	-	-	-				
2	390.5	CAPITAL IMPROVEMENTS 40 PRINCE	-	-	-	-	-	-	30,000			
3	391	OFFICE FURNITURE/EQUIPMENT	-	-	-	-	-	-	10,000	-	1,250	
4	391.1	ERP IMPLEMENTATION - IVUE	-	-	-	-	-	-		12,500	12,500	
5	392	TRANSPORTATION	67,730	-	20,121	-	-	17,570		170,000	170,000	
6	393	STORES EQUIPMENT	-	-	-	-	-	-				
7	394	TOOLS, SHOP, GARAGE EQUIPMENT	-	-	-	-	-	-				
8	395	LABORATORY EQUIPMENT	-	-	-	-	-	-				
9	396	POWER OPERATED EQUIPMENT	-	-	-	-	-	-				
10	397	COMMUNICATION EQUIPMENT - GENERAL	-	-	-	-	-	-	7,000			
11	398	MISC EQUIPMENT - EV CHARGING STATIONS	-	-	-	-	-	-				
12		Subtotal	67,730	-	20,121	-	-	-	47,000	182,500	183,750	
13		TOTAL	495,418	153,143	157,564	164,512	206,812	217,920	270,000	727,750	654,000	

SCHEDULE V
HISTORICAL PLANT
2020 BELMONT LIGHT BUDGET

ADJUSTMENTS AND TRANSFERS DURING YEAR SHOWN

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		INTANGIBLE PLANT										
1	360	LAND	-	-	-	-	-	-				
2		Subtotal	-	-	-	-	-	-				
		DISTRIBUTION PLANT										
3	361.1	STRUCTURES: UNIT A	-	-	-	-	-	-				
4	361.2	STRUCTURES: STATION 2	-	-	-	-	-	-				
5	361.3	STRUCTURES: STATION 3	-	-	-	-	-	-				
6	361.4	STRUCTURES: STATION 4/A	-	-	-	-	-	-				
7	361.5	STRUCTURES: PRINCE STREET YARD	-	-	-	-	-	-				
8	361.6	STRUCTURES: BLAIRPONT STATION	-	-	-	-	-	-				
9	362.1	EQUIPMENT: UNIT A	-	-	-	-	-	-				
10	362.2	EQUIPMENT: STATION 2 OAKLEY	-	-	-	-	-	-				
11	362.3	EQUIPMENT: STATION 3	-	-	-	-	-	-				
12	362.4	EQUIPMENT: MAIN STATION	-	-	-	-	-	-				
13	362.5	EQUIPMENT: BLAIRPOND STATION	-	-	-	-	-	-				
14	364.1	POLES	-	-	-	-	-	-				
15	364.2	TOWERS / FIXTURES	-	-	-	-	-	-				
16	365.1	OH PRIMARY CONDUCTOR/DEVICES	-	-	-	-	-	-				
17	365.2	OH SECONDARY CONDUCTOR/DEVICES	-	-	-	-	-	-				
18	366	UG CONDUIT	-	-	-	-	-	-				
19	366.1	UG CONDUIT: BLAIRPOND STATION	-	-	-	-	-	-				
20	367.1	UG CONDUCTOR/DEVICES - TRANSMISSION	-	-	-	-	-	-				
21	367.2	UG PRIMARY CONDUCTOR/DEVICES	-	-	-	-	-	-				
22	367.3	UG SECONDARY CONDUCTOR/DEVICES	-	-	-	-	-	-				
23	367.4	UG CONDUCTOR/DEVICES: BLAIRPOND STATION	-	-	-	-	-	-				
24	368.1	LINE TRANSFORMERS 5-25 KVA	-	-	-	-	-	-				
25	368.2	LINE TRANSFORMERS 37-50 KVA	-	-	-	-	-	-				
26	368.3	LINE TRANSFORMERS 75-100 KVA	-	-	-	-	-	-				
27	368.4	LINE TRANSFORMERS OVER 100 KVA	-	-	-	-	-	-				
28	369.1	OH/UG SERVICES - SINGLE	-	-	-	-	-	-				
29	369.2	OH/UG SERVICES - THREE PHASE	-	-	-	-	-	-				
30	370	METERS	-	-	-	-	-	-				
31	373.1	STREET LIGHTING SYSTEM	-	-	-	-	-	-				
32	373.2	TRAFFIC SIGNAL SYSTEM	-	-	-	-	-	-				
33	373.3	FIRE ALARM SYSTEM	-	-	-	-	-	-				
34	383	COMPUTER SOFTWARE	-	-	-	-	-	-				
35	384	COMMUNICATION EQUIPMENT	-	-	-	-	-	-				
36		Subtotal	-	-	-	-	-	-				

SCHEDULE V
HISTORICAL PLANT
2020 BELMONT LIGHT BUDGET

ADJUSTMENTS AND TRANSFERS DURING YEAR SHOWN

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		GENERAL PLANT										
1	390.1	CAPITAL IMPROVEMENTS 450 CONCORD	-	-	-	-	-	-				
2	390.5	CAPITAL IMPROVEMENTS 40 PRINCE	-	-	-	-	-	-				
3	391	OFFICE FURNITURE/EQUIPMENT	-	-	-	-	-	-				
4	391.1	ERP IMPLEMENTATION - IVUE	-	-	-	-	-	-				
5	392	TRANSPORTATION	-	-	-	-	-	-				
6	393	STORES EQUIPMENT	-	-	-	-	-	-				
7	394	TOOLS, SHOP, GARAGE EQUIPMENT	-	-	-	-	-	-				
8	395	LABORATORY EQUIPMENT	-	-	-	-	-	-				
9	396	POWER OPERATED EQUIPMENT	-	-	-	-	-	-				
10	397	COMMUNICATION EQUIPMENT - GENERAL	-	-	-	-	-	-				
11	398	MISC EQUIPMENT - EV CHARGING STATIONS	-	-	-	-	-	-				
12		Subtotal	-	-	-	-	-	-				
13		TOTAL	-	-	-	-	-	-				

SCHEDULE V
HISTORICAL PLANT
2020 BELMONT LIGHT BUDGET

TOTAL PLANT IN SERVICE AT END OF YEAR SHOWN

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		INTANGIBLE PLANT										
1	360	LAND	9,349	1,586,597	1,586,597	1,586,597	1,586,597		1,586,597	1,586,597	1,586,597	
2		Subtotal	9,349	1,586,597	1,586,597	1,586,597	1,586,597		1,586,597	1,586,597	1,586,597	
		DISTRIBUTION PLANT										
3	361.1	STRUCTURES: UNIT A	180,842	180,842	180,842	180,842	180,842		180,842	180,842	180,842	
4	361.2	STRUCTURES: STATION 2	120,640	120,640	233,090	233,090	239,767		233,090	248,090	250,340	
5	361.3	STRUCTURES: STATION 3	148,391	148,391	148,391	148,391	148,391		148,391	163,391	164,891	
6	361.4	STRUCTURES: STATION 4/A	-	-	-	-	-		-	-	-	
7	361.5	STRUCTURES: PRINCE STREET YARD	75,507	75,507	75,507	75,507	75,507		75,507	75,507	75,507	
8	361.6	STRUCTURES: BLAIRPONT STATION	-	952,289	1,000,515	1,012,795	1,012,795		1,000,515	1,000,515	1,000,515	
9	362.1	EQUIPMENT: UNIT A	608,295	608,295	608,295	608,295	620,684		661,295	661,295	661,295	
10	362.2	EQUIPMENT: STATION 2 OAKLEY	214,665	214,665	214,665	214,665	214,665		214,665	227,415	227,415	
11	362.3	EQUIPMENT: STATION 3	191,216	191,216	191,216	191,216	191,216		191,216	200,966	200,966	
12	362.4	EQUIPMENT: MAIN STATION	3,033	4,995	4,995	4,995	4,995		4,995	4,995	4,995	
13	362.5	EQUIPMENT: BLAIRPOND STATION	-	11,819,925	12,422,516	12,423,986	12,423,986		12,422,516	12,422,516	12,422,516	
14	364.1	POLES	747,905	763,592	772,555	787,196	797,575		774,555	774,555	774,555	
15	364.2	TOWERS / FIXTURES	743,488	778,553	798,712	864,865	889,529		839,212	839,212	839,212	
16	365.1	OH PRIMARY CONDUCTOR/DEVICES	1,246,781	1,271,280	1,329,069	1,336,140	1,365,404		1,409,069	1,484,069	1,484,069	
17	365.2	OH SECONDARY CONDUCTOR/DEVICES	384,632	377,120	373,657	359,717	340,122		375,657	375,657	375,657	
18	366	UG CONDUIT	2,992,864	3,132,286	3,132,286	5,736,984	6,232,350		3,139,286	3,139,286	3,139,286	
19	366.1	UG CONDUIT: BLAIRPOND STATION	-	-	-	-	-		12,000	12,000	12,000	
20	367.1	UG CONDUCTOR/DEVICES - TRANSMISSION	1,804,186	1,952,856	1,952,856	1,952,856	1,952,856		1,952,856	1,952,856	1,952,856	
21	367.2	UG PRIMARY CONDUCTOR/DEVICES	3,498,196	3,682,550	4,109,660	5,676,223	7,135,572		4,109,660	5,248,660	5,173,660	
22	367.3	UG SECONDARY CONDUCTOR/DEVICES	411,985	845,453	845,276	925,956	965,933		6,898,276	6,898,276	6,898,276	
23	367.4	UG CONDUCTOR/DEVICES: BLAIRPOND STATION	-	-	-	-	15,655		30,000	30,000	30,000	
24	368.1	LINE TRANSFORMERS 5-25 KVA	230,775	234,063	234,063	235,416	236,266		234,063	234,063	234,063	
25	368.2	LINE TRANSFORMERS 37-50 KVA	680,985	684,371	696,037	695,165	719,949		698,037	698,037	698,037	
26	368.3	LINE TRANSFORMERS 75-100 KVA	431,052	448,674	409,100	410,123	425,021		471,100	677,350	527,350	
27	368.4	LINE TRANSFORMERS OVER 100 KVA	634,778	713,743	727,773	796,347	916,341		714,773	714,773	714,773	
28	369.1	OH/UG SERVICES - SINGLE	160,723	160,723	160,723	160,723	161,353		767,723	767,723	767,723	
29	369.2	OH/UG SERVICES - THREE PHASE	3,224	3,319	13,139	13,139	13,139		13,139	13,139	13,139	
30	370	METERS	1,614,553	1,593,254	1,610,674	1,606,458	1,615,210		1,610,674	1,610,674	1,610,674	
31	373.1	STREET LIGHTING SYSTEM	666,196	660,865	745,579	738,933	785,945		783,579	1,008,579	959,829	
32	373.2	TRAFFIC SIGNAL SYSTEM	145,918	145,918	146,453	146,453	149,611		97,953	97,953	97,953	
33	373.3	FIRE ALARM SYSTEM	117,732	117,732	117,732	117,732	129,456		117,732	117,732	117,732	
34	383	COMPUTER SOFTWARE	106,857	140,077	173,408	288,615	331,354		173,408	173,408	218,408	
35	384	COMMUNICATION EQUIPMENT	36,393	36,393	37,170	38,314	38,314		197,170	197,170	197,170	
36		Subtotal	18,201,812	32,059,588	33,465,955	37,981,138	40,329,804		40,552,955	42,250,705	42,025,705	

SCHEDULE V
HISTORICAL PLANT
2020 BELMONT LIGHT BUDGET

TOTAL PLANT IN SERVICE AT END OF YEAR SHOWN

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		GENERAL PLANT										
1	390.1	CAPITAL IMPROVEMENTS 450 CONCORD	87,100	87,100	87,100	87,100	87,100		87,100	87,100	87,100	
2	390.5	CAPITAL IMPROVEMENTS 40 PRINCE	3,078,931	3,078,931	3,078,931	3,078,931	3,082,871		3,128,931	3,128,931	3,127,681	
3	391	OFFICE FURNITURE/EQUIPMENT	2,713,033	2,748,967	2,788,981	2,814,495	3,001,068		2,818,981	2,846,481	2,851,481	
4	391.1	ERP IMPLEMENTATION - IVUE	-	80,290	109,351	109,351	110,841		109,351	(10,649)	(10,649)	
5	392	TRANSPORTATION	2,417,593	2,479,783	2,551,105	2,747,882	2,889,307		2,791,105	3,051,105	3,051,105	
6	393	STORES EQUIPMENT	44,265	44,265	44,265	44,265	44,265		44,265	44,265	44,265	
7	394	TOOLS, SHOP, GARAGE EQUIPMENT	134,712	134,712	134,712	138,635	149,695		139,712	139,712	139,712	
8	395	LABORATORY EQUIPMENT	38,447	38,447	50,944	50,944	50,944		50,944	50,944	50,944	
9	396	POWER OPERATED EQUIPMENT	44,906	44,906	44,906	44,906	44,906		44,906	44,906	44,906	
10	397	COMMUNICATION EQUIPMENT - GENERAL	412,114	412,114	416,812	416,812	495,366		409,812	409,812	409,812	
11	398	MISC EQUIPMENT - EV CHARGING STATIONS	412,114	-	30,479	30,479	30,479		30,479	30,479	30,479	
12		Subtotal	9,383,214	9,149,514	9,337,586	9,563,800	9,986,841		9,655,586	9,823,086	9,826,836	
13		TOTAL	27,594,374	42,795,699	44,390,138	49,131,535	51,903,242		51,795,138	53,660,388	53,439,138	

SCHEDULE V
HISTORICAL PLANT
2020 BELMONT LIGHT BUDGET

UTILITY PLANT ASSETS SUMMARY

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		Capital Assets Not Being Depreciated:										
1		Land	9,349	1,586,597	1,586,597	1,586,597	1,586,597		1,586,597	1,586,597	1,586,597	
2		Subtotal	9,349	1,586,597	1,586,597	1,586,597	1,586,597		1,586,597	1,586,597	1,586,597	
		Capital Assets Being Depreciated:										
3		DISTRIBUTION PLANT	18,201,812	32,059,588	33,465,955	37,981,138	40,329,804		40,552,955	42,250,705	42,025,705	
4		GENERAL PLANT	9,383,214	9,149,514	9,337,586	9,563,800	9,986,841		9,655,586	9,823,086	9,826,836	
5		Subtotal	27,585,026	41,209,102	42,803,541	47,544,938	50,316,646		50,208,541	52,073,791	51,852,541	
		Annual Depreciation										
6	403.1	DEPRECIATION EXPENSE - DISTRIBUTION	908,466	910,091	961,788	1,003,979	1,139,434		1,139,434	1,216,588.66	1,209,894	
7	403.2	DEPRECIATION EXPENSE - GENERAL PLANT	446,371	448,555	274,485	280,128	286,914		286,914	289,667.58	299,605	
8		Subtotal	1,354,838	1,358,646	1,236,273	1,284,106	1,426,348		1,426,348	1,506,256	1,509,499	
		Accumulated Depreciation										
9	110.1	ACCUMULATED DEPRECIATION - DISTRIBUTION	(15,139,364)	(15,269,789)	(16,094,133)	(16,933,600)	(17,866,222)		(18,073,034)	(17,866,222)	(19,076,116)	
10	110.2	ACCUMULATED DEPRECIATION - GENERAL PLANT	(5,949,818)	(7,024,896)	(7,279,261)	(7,559,388)	(7,846,302)		(7,846,302)	(7,846,302)	(8,145,907)	
11		Subtotal	(21,089,182)	(22,294,685)	(23,373,394)	(24,492,988)	(25,712,524)		(25,919,336)	(25,712,524)	(27,222,023)	
12		Capital Assets Being Depreciated, Net	6,495,844	18,914,417	19,430,147	23,051,950	24,604,122		24,289,205	26,361,267	24,630,518	
13		Utility Plant Assets, Net	6,505,192	20,501,014	21,016,744	24,638,547	26,190,718		25,875,802	27,947,864	26,217,115	

VI. CASH & RESERVES

Adjustments to the original budget caused by COVID-19

With the spread of COVID-19 and social distancing efforts, Belmont Light is continually reviewing its expenses and the potential impact of the situation on fund balances.

Due to the aforementioned changes to the capital budget, the following adjustments have been made in budget revision 4:

- Depreciation Fund balance (FERC 126.00) – $9,158,885 compared to the originally estimated $9,357,244;
- Construction cash balance (Eversource reimbursement) – $10,310,752 compared to $9,610,752.

The economic basis of our business is changing. Belmont Light's cost structure is bound to continue changing as the new transmission line has been completed and distribution system upgrades were started in 2018. In anticipation of these circumstances, Belmont Light has been planning conservatively over multiple years.

Reserve funds balance goals were set-up based on industry standards and aligned with average balances of the departments of the similar size:

- Rate Stabilization Fund – 3 months of power purchased (~$3,105,000)
- Depreciation (construction) Fund – 15% of the Gross Plant (~$8,050,000)

Prior reserve funds balances and forecasted totals are as follows:

FERC	Description	2015	2016	2017	2018	2019 EST	2020 BUDGET	2020 CALC GOALS
126	CASH - DEPRECIATION FUND	4,199,884	8,125,599	8,567,511	8,688,527	8,951,659	9,357,244	8,049,058
128	CASH FROM RATE STAB	2,016,618	2,317,725	2,629,590	1,658,449	1,718,274	1,918,274	3,104,493
128.1	CASH - MMWEC RATE STAB FUND	402,122	405,198	409,029	414,889	422,025	427,025	425,000

Rate stabilization fund

The balance is intended to absorb large fluctuations in expenses, particularly power purchases and transmission fees, without causing a major change in base rates. Net provisions to the fund and uses of the fund are recorded as additions to or subtractions from BMLD expenses.

In 2018, Belmont Light transferred $1,000,000 from the fund to off-set power costs caused by capacity and transmission charges increase.

In 2019, Belmont Light did not make any transfers to or from Rate Stabilization fund. Looking towards 2020, Belmont Light is evaluating options to increase the balance closer to target levels.

Construction (Depreciation) fund

The balance in this account is intended to provide funds for capital projects. BMLD has charged depreciation on the income statement and put an equivalent amount in the base for recovery through rates. The depreciation fund represents the cumulative net provisions for depreciation less the amounts spent on capital projects and charged to this fund in the past. The fund is intended for replacement of

capital infrastructure. We intend to use the balance to fund future capital projects including emergency purchases of replacement equipment and planned expenses, such as the retirement of the old substations.

The net investment in our existing plant has decreased over the last few years as we have been funding the renewal of our transmission and substation infrastructure through the transmission project. In the long run, we expect that depreciation will be a reasonable proxy for amounts to be spent on capital projects.

115kV Transmission Service Upgrade Project / System Upgrade & Bond Reserve funds

On April 26, 2012, the Town issued a Bond Anticipation Note (BAN) in the aggregate amount of $14,000,000, which included a bond premium, bearing interest at 1.83% and matured April 25, 2013. The BAN was refinanced and matured on April 25, 2014. On April 25, 2014, the BAN was converted to permanent bond financing, and an additional general obligation bond of $12,100,000 was issued. The general obligation bonds were used to finance the 115kV Transmission Service Upgrade Project.

The premium of $1,576,436 associated with the permanent bonding was reserved in 2014 to further be used towards financing of service upgrade projects.

On May 6, 2016, the Town issued a Bond Anticipation Note (BAN) in the aggregate amount of $27,645,452. Proceeds were to be used to further finance the 115kV Transmission service upgrade project. On May 5, 2017, the General Obligation Taxable BAN matured and was paid.

Eversource reimbursed Belmont Light with total of $46,310,161 used to pay back General Obligation Taxable BAN ($27,941,549) and to fund the remaining stages of System Upgrade project.

FERC	Description	2015	2016	2017	2018	2019 EST	2020 BUDGET
127.1	CASH - CONSTRUCTION EVERSOURCE REIMB		45,065,208	13,527,308	12,266,173	12,285,752	9,610,752
135.3	CASH - BOND PREMIUM RESERVE	1,591,455	1,605,928	1,618,895	1,641,624	1,674,626	1,689,626

Operating Fund

Belmont Light total annual General Operating fund balances and estimate:

FERC	Description	2015	2016	2017	2018	2019 EST	2020 BUDGET
104	CASH – GENERAL OPERATING FUND	7,911,475	4,603,324	3,776,632	6,259,139	4,725,830	5,000,000

SCHEDULE VI
CASH RESERVES
2020 BELMONT LIGHT BUDGET

Revision 4 - May 15, 2020

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	126	CASH - DEPRECIATION FUND	4,199,884	8,125,599	8,567,511	8,688,527	9,158,885	7,748,081	7,700,000	$ 9,357,244	9,158,885	
2	127	CASH - CONSTRUCTION	-	-	310,009	205,585	-	103,119				
3	127.1	CASH - CONSTRUCTION EVERSOURCE REIMB	-	45,065,209	13,527,308	12,266,173	12,285,752	16,628,888	10,500,000	9,610,752	10,310,752	
4	128	CASH FROM RATE STAB	2,016,618	2,317,725	2,629,590	1,658,449	1,718,274	2,068,131	1,100,000	1,918,274	1,918,274	
5	128.1	CASH - MMWEC RATE STAB FUND	402,122	405,198	409,029	414,889	422,025	410,653	416,000	427,025	427,025	
6	134	CASH - CUSTOMER DEPOSITS	126,055	127,465	145,745	136,577	136,577	134,483	135,000	138,577	138,577	
7	135.3	CASH - BOND PREMIUM RESERVE	1,591,456	1,605,928	1,618,895	1,641,624	1,674,626	1,626,506	1,670,000	1,689,626	1,689,626	

SCHEDULE VI-1
CASH RESERVES DETAILS
2020 BELMONT LIGHT BUDGET

Revision 4 - May 15, 2020

FERC	Description	2015	2016	2017	2018	2019 ACT	2020 BUDGET	2020 CALC GOALS
126	CASH - DEPRECIATION FUND	4,199,884	8,125,599	8,567,511	8,688,527	9,158,885	9,158,885	8,015,871
	Gross plant	27,594,374	42,795,699	44,390,138	49,131,535	51,903,242	53,439,138	53,439,138
	Depreciation cash as a % of gross plant	15%	19%	19%	18%	18%	17%	15%
128	CASH FROM RATE STAB	2,016,618	2,317,725	2,629,590	1,658,449	1,718,274	1,918,274	3,013,532
128.1	CASH - MMWEC RATE STAB FUND	402,122	405,198	409,029	414,889	422,025	427,025	425,000
	ave # months in Reserves	1.95	2.35	2.61	1.87	1.89	2.05	3.00
	Average Monthly Power Costs	1,242,581	1,159,285	1,162,742	1,108,501	1,133,607	1,146,177	1,146,177

VII. ENERGY PROGRAMS

Adjustments to the original budget caused by COVID-19

For Budget revision 4, Belmont Light reviewed its DSM programming in accordance with the "W-Shaped" recovery scenario wherein the current emergency period continues through June 2020 and is followed by some normalization of the Massachusetts economy in Q3 2020 before a resurgence of the coronavirus causes a second period of drastic social distancing in Q4.

The budget has been updated to reflect an expected general decrease in program participation during impacted months. Belmont Light plans to emphasize program offerings that acquiesce to social distancing, such as virtual home energy assessments, so some funding has been shifted between programs. The overall DSM budget has been decreased from $523,984 to $375,984, a total reduction of $148,000.

Overview & Recent Trends

Belmont Light offers an array of programs and solutions to help customers manage their energy use. Demand-side management (DSM) offerings are funded via the Conservation Fund, which ratepayers contribute to through the Conservation line item on their monthly bills. The current Conservation rate is $0.00240 per kWh for all Belmont Light customers. The approximate monthly contribution for Conservation is $1.30 a month for an average residential customer and $4.30 per month for commercial customers.

The budget for each year's DSM activities is typically around $291,000. Since collections are tied to retail sale that fluctuate on an annual basis, total actual Conservation Fund contributions also vary slightly from year to year. Table 7.1 below shows Conservation Fund collections from 2013-2019 and the anticipated collection for 2020. As described in more detail below, 2020's DSM total budget allocation exceeds the average budget of past years by about $232,850 due to continued support of a solar rebate program implemented mid-2019, increased air-source heat pump rebates and expansion of strategic electrification programming.

Table 7.5. Conservation Fund Collections, 2013-2020

Year	Sales (kWh)	Total Conservation Fund
2020 (Anticipated)	122,412,507	$ 293,790
2019	120,646,204	$ 289,551
2018	125,598,043	$ 286,507
2017	122,071,901	$ 278,956
2016	121,211,698	$ 284,645
2015	125,605,633	$ 297,930
2014	124,951,795	$ 296,525
2013	128,015,424	$ 303,824

Average (2013-2019)	-	$ 291,134

Programming is evaluated and updated annually based on several main factors, including existing program performances, customer feedback, Belmont Light's energy and environmental goals, industry trends, feasibility, and program cost-effectiveness.

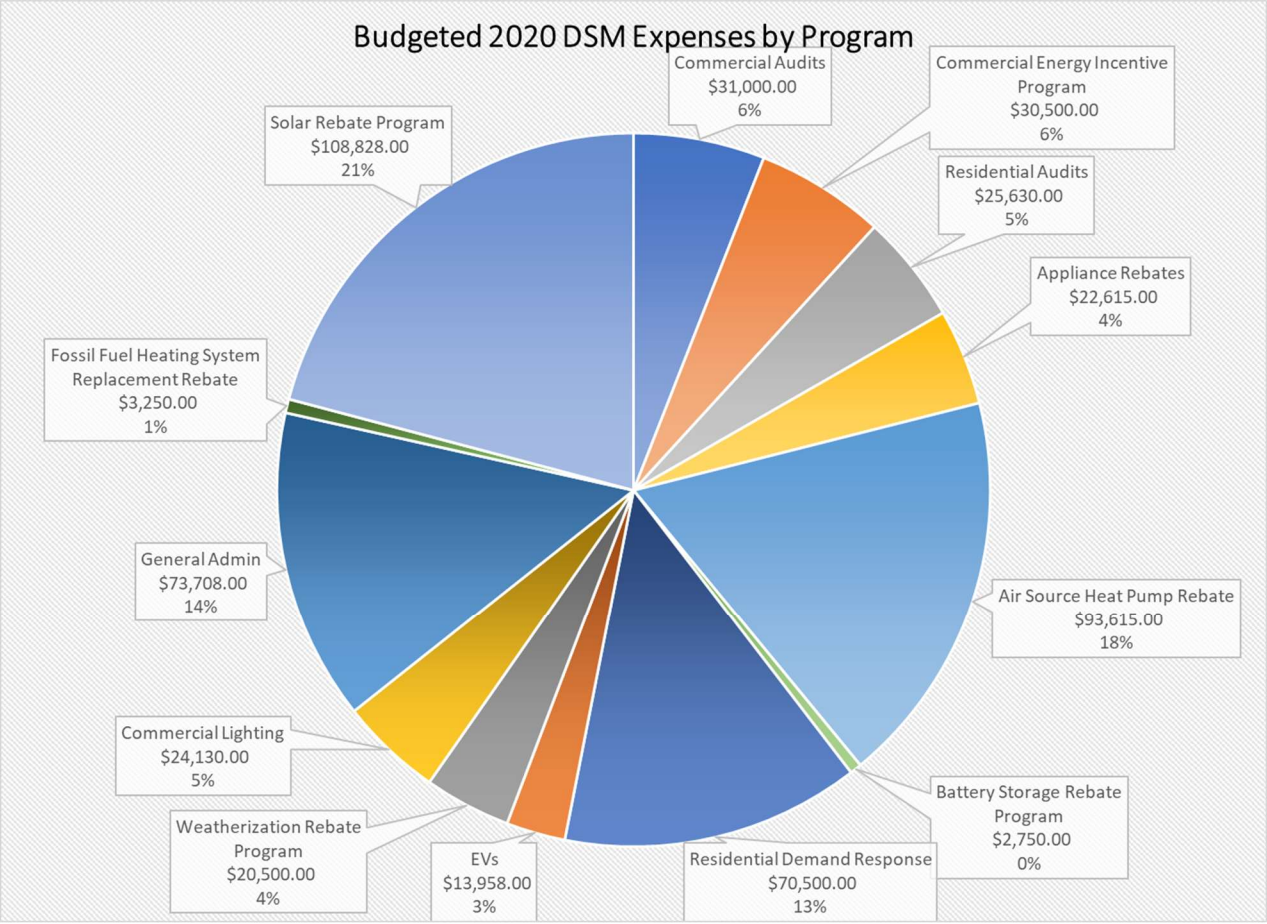
2020 Budget & Activities

2020's overall DSM budget is $523,984. Figure 7.2 shows the budget categorized by program. The three individual programs with the largest budgets for 2020 are:

1) The MLP Solar Rebate Program- Due to the high popularity of this program during the 2019 program year, it was decided to supply additional funding in 2020. An additional $35,000 has been budgeted for 2020. This, when added to the 2019 spending and matching Department of Energy Resources funds, results in a total $270,000 of rebates available to Belmont Light customers through the program.
2) Air-Source Heat Pump Rebates- $93,615 has been allocated to heat pumps for 2020 for the continued support of Belmont Light's efforts around strategic electrification. In 2019, the HeatSmart Belmont campaign helped start a marketing and education effort in the town.
3) Residential Demand Response Program- Belmont Light will continue to expand this program to include more connected smart devices, such as thermostats and HVAC equipment. 2020's budget for the pilot program is $70,500. Belmont Light expects to recoup initial program costs in coming years as the program is expanded.

Each of these programs is further described later in this section.

Figure 7.4.



One of Belmont Light's current strategic priorities is to promote community-wide strategic electrification through the increased adoption of electric-based technologies like electric vehicles and air-source heat pumps. Our staff must balance the priority of building electrical load while still helping customers save energy. The concept of "energy efficiency" has changed in recent years to include reduction of load, but also the concept of decarbonizing one's energy use. With Belmont Light's goal to achieve 100% renewable energy sources within the next several years—which mirrors the goal of the wider community—customers using electricity as a primary energy source for a device will be doing so with a smaller carbon-impact.

Belmont Light's 2020 portfolio of DSM programs has been designed to help customers achieve energy-efficiency, while promoting customer use of products that increase Belmont Light's load and continuing to provide popular programs and expanding our programs for commercial customers.

2020 Belmont Light Energy Programs:

- Residential
  - ENERGY STAR Appliance Rebate Program
  - Air-source Heat Pump Rebate Program – Expanded in 2020
  - Home Energy Assessment Program
  - Peak Rewards Reduction Program

    - Fossil Fuel Heating System Replacement Rebate – New in 2020
    - Weatherization Rebate Program – New in 2020
    - Battery Storage Rebate Program – New in 2020
- Commercial
    - Commercial Energy Assessment Program
    - Commercial Lighting Rebate Program
    - Commercial Energy Incentive Program – New in 2020
- General Access Programs
    - Municipal Light Plant Solar Rebate Program – Extended into 2020
    - Electric Vehicle Charger Rebate Program for Level 2 Chargers

Expanded Programs in 2020

In 2019, there was some interest for a Commercial Energy Assessment from multiple commercial and non-profit entities in Belmont, though none participated in the program. We believe this was due to the requirement of a co-pay and how the customer's portion was calculated. For 2020, the co-payment has been eliminated and Belmont Light is paying for the entire assessment. We have also increased the budget to $31,000 to ensure more customers can participate. This should allow more businesses and non-profits to evaluate their facilities and possibly access other programs. The Commercial Lighting Rebate Program budget was increased, to $24,130 for 2020 to accommodate more interest.

In mid-2019, Belmont Light piloted a new residential demand response offering, titled the Peak Reduction Rewards Program, that enabled customers to earn rebates shift usage to off-peak hours. Participant feedback including requests to expand the program offerings, which Belmont Light is currently working to do. The budget for 2020 has been created to reflect possible fees incurred from implementing new manufacturers. It is also the goal to expand the number of participating customers through outreach and marketing efforts.

Strategic Electrification

In 2019, Belmont Light supported two active community-wide campaigns aimed at increasing the adoption of electric-based technologies by Belmont Light customers: the previously established Belmont Drives Electric (BDE) and the new HeatSmart Belmont initiative. We are continuing to support BDE throughout by having a budget of $13,958 for the EV program in 2019, including incentives for the current charger rebate program. After the success of the HeatSmart Belmont campaign last year, we adapted and increased the budget for air-source heat pumps to encourage more adoption. Included in the $93,615 budget is increased incentives and a marketing effort around the benefits they offer customers by shifting a building's heating and cooling methods from fossil fuel sourcing to electricity.

Belmont Light is currently in the process of evaluating the best locations in town for the installation of more public access EV charging stations. We are working to add two new charging stations at the redesigned municipal lot in Cushing Square. As more Belmont residents purchase EVs and there are more EVs on the road overall, owning more EV stations will be beneficial to Belmont Light.

To inform future program, Belmont Light regularly looks at the program offerings provided by other municipal electric utilities across the country and in New England for ideas to expand or adapt our current offerings. Some possible future changes could be rebates for customers installing induction cooking equipment, purchases of electric bicycles, the expansion of commercial offerings, and the expansion of the residential demand response program to more device types.

SCHEDULE VII
ENERGY PROGRAMMS
2020 BELMONT LIGHT BUDGET

Revision 4 - May 15, 2020

Line	FERC Acct #	DESCRIPTION	2015 Actual (Current - 5 ys)	2016 Actual (Current - 4 ys)	2017 Actual (Current - 3 ys)	2018 Actual (Current - 2 ys)	2019 Actual (Current - 1 y)	Five Year Average	2019 Final Budget	2020 Original Budget	2020 Final Budget	2020 Comments
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	906	ENERGY CONSERVATION EXPENSES	37,880	59,776	76,589	75,080	51,196	60,104	72,000	74,880	-	
2	906.1	ENERGY CONSERVATION EXPENSES - DSM	108,051	207,169	200,265	187,188	249,324	190,400	369,660	410,234	345,984	

SCHEDULE VII-1
ENERGY PROGRAMMS DETAILS
2020 BELMONT LIGHT BUDGET

Revision 4 - May 15, 2020

2020 DSM Program Budget

DESCRIPTION	2020 Budget	COVID-19 2020 Budget W	FERC	Vendor
Energy Conservation				
Residential				
Heat Pumps				
Total	**$ 93,615.00**	**$ 72,115.00**		
Incentives	$ 80,000.00	$ 60,000.00	906.10	ENE
Marketing	$ 4,000.00	$ 2,500.00	906.10	TBD
Admin	$ 9,615.00	$ 9,615.00	906.10	ENE
Fossil Fuel Heating System Replacement Rebate				
Total	**$ 3,250.00**	**$ -**		
Incentives	$ 3,000.00	$ -	906.10	TBD
Marketing	$ 250.00	$ -	906.10	TBD
Admin	$ -	$ -		
Appliance Rebates				
Total	**$ 22,615.00**	**$ 16,615.00**		
Incentives	$ 16,000.00	$ 10,000.00	451.00	451
Marketing	$ -	$ -		
Admin	$ 6,615.00	$ 6,615.00	906.10	ENE
EVs				
Total	**$ 13,958.00**	**$ 13,958.00**		
Incentives	$ 10,000.00	$ 10,000.00	451.60	451
Marketing	$ 2,000.00	$ 2,000.00	906.10	TBD
Admin	$ 1,958.00	$ 1,958.00	906.10	ENE
Weatherization Rebate Program				
Total	**$ 20,500.00**	**$ 20,500.00**		
Incentives	$ 20,000.00	$ 20,000.00	906.10	TBD
Marketing	$ 500.00	$ 500.00	906.10	TBD
Admin	$ -	$ -		
Battery Storage Rebate Program				
Total	**$ 2,750.00**	**$ -**		
Incentives	$ 2,500.00	$ -	906.10	TBD
Marketing	$ 250.00	$ -	906.10	TBD
Admin	$ -	$ -		
Demand Response				
Total	**$ 70,500.00**	**$ 69,500.00**		
Incentives	$ 10,000.00	$ 10,000.00	451.00	451
Marketing	$ 3,000.00	$ 2,000.00	906.10	TBD
Admin	$ 57,500.00	$ 57,500.00	906.10	VP
Analytics, Planning, & Evaluation				
Total	**$ -**	**$ -**		
Incentives	$ -	$ -		
Marketing	$ -	$ -		
Admin	$ -	$ -		
Residential Audits				
Total	**$ 25,630.00**	**$ 44,630.00**		
Incentives	$ 23,000.00	$ 23,000.00	906.10	ENE
Marketing	$ 2,000.00	$ 750.00	906.10	TBD
Admin	$ 630.00	$ 20,880.00	906.10	ENE

DESCRIPTION	2020 Budget	COVID-19 2020 Budget W	FERC	Vendor
MLP Solar Rebate Program				
Total	**$ 108,828.00**	**$ 108,828.00**		
Incentives	$ 73,828.00	$ 73,828.00	906.10	ENE
Incentives	$ 35,000.00	$ 35,000.00	906.10	ENE
Marketing	$ -	$ -		
Admin	$ -	$ -		
Commercial				
Commercial Audits				
Total	**$ 31,000.00**	**$ 15,500.00**		
Incentives	$ 30,000.00	$ 15,000.00	906.10	ENE
Marketing	$ 500.00	$ 250.00	906.10	TBD
Admin	$ 500.00	$ 250.00	906.10	ENE
Commercial Lighting Rebate Program				
Total	**$ 24,130.00**	**$ 12,630.00**		
Incentives	$ 20,000.00	$ 10,000.00	906.10	ENE
Marketing	$ 500.00	$ 500.00	906.10	TBD
Admin	$ 3,630.00	$ 2,130.00	906.10	ENE
Heat Pumps				
Total				
Incentives				
Marketing				
Admin				
Commercial Energy Incentive Program				
Total	**$ 30,500.00**	**$ -**		
Incentives	$ 30,000.00	$ -	906.10	ENE
Marketing	$ 500.00	$ -	906.10	TBD
Admin				
General	$ 76,588.00	$ 76,588.00		
Energy Specialist Salary				
Total	**$ 74,880.00**	**$ 74,880.00**		
Admin	$ 74,880.00	$ 74,880.00	920.00	PR
SEPA Annual Membership				
Total	**$ 1,000.00**	**$ 1,000.00**		
Admin	$ 1,000.00	$ 1,000.00	906.10	SEPA
DOER Annual Assessment				
Total	**$ 708.00**	**$ 708.00**		
Admin	$ 708.00	$ 708.00	906.10	DOER
Totals	**$ 523,864.00**	**$ 450,864.00**		