



To: Peter Lukes
From: Jane Parenteau
Date: February 3, 2020
Subject: HMLD Monthly Report – November, 2019

Power Supply

ENERGY

The HMLD's total metered load for the month of November, 2019 was 8,756,856 kWhs, which is a 6.2% decrease from the November, 2018 figures. HMLD's load is down approximately 4.9% year to date.

Table 1 is a breakdown by source of the energy purchases.

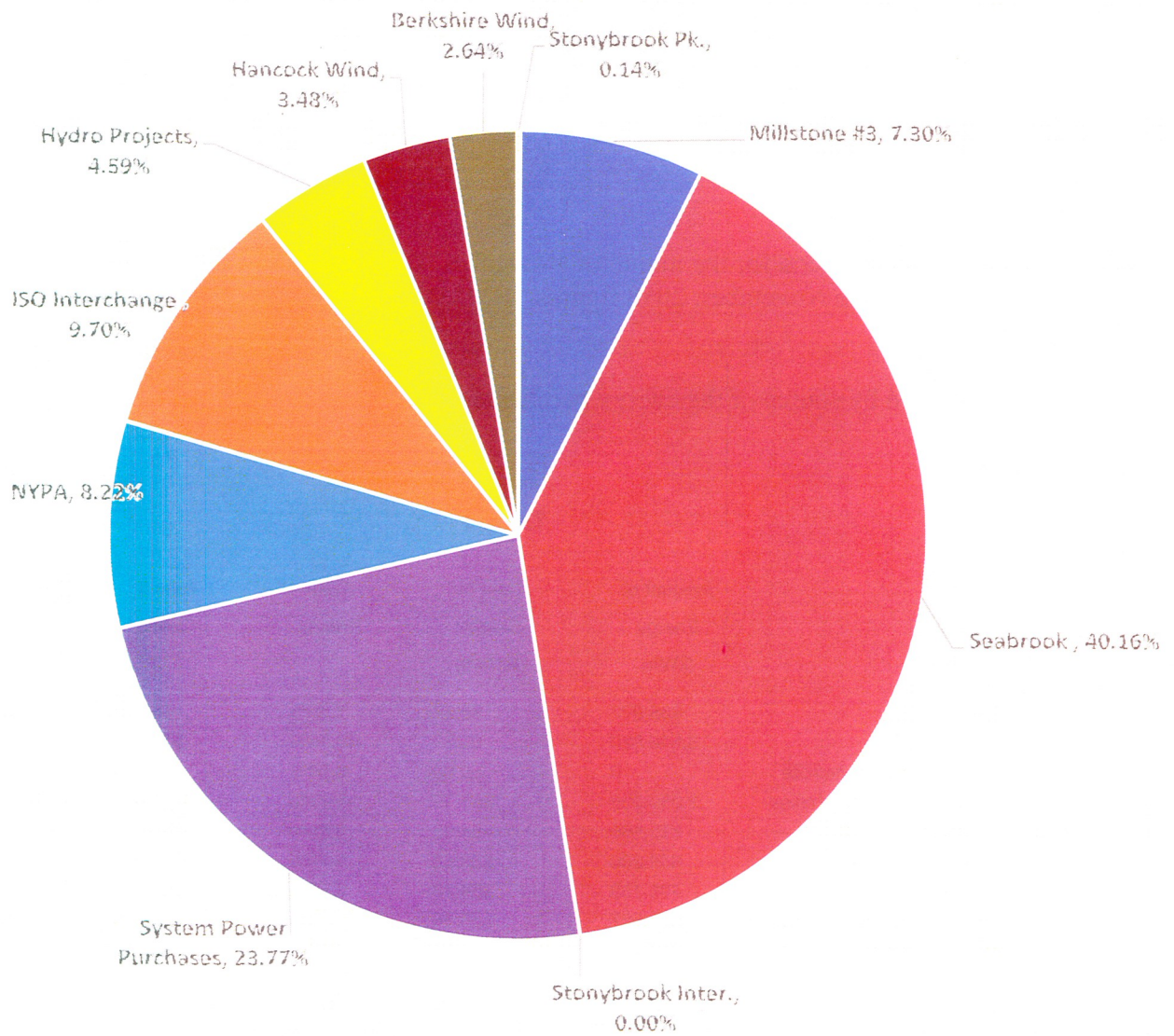
Table 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of Total Energy	Total \$ Costs	\$ as a %
Millstone #3	638,972	\$6.22	7.30%	\$3,977	1.72%
Seabrook	3,516,828	\$5.27	40.16%	\$18,542	8.04%
Stonybrook Intermediate	0	\$0.00	0.00%	\$3	0.00%
System Power Purchases	2,082,000	\$51.19	23.77%	\$106,575	46.19%
NYPA	719,560	\$4.92	8.22%	\$3,540	1.53%
ISO Interchange	849,200	\$68.08	9.70%	\$57,815	25.06%
Hydro Projects*	402,153	\$54.18	4.59%	\$21,790	9.44%
Hancock/Berkshire Wind	536,627	\$30.18	6.13%	\$16,195	7.02%
Stonybrook Peaking	12,090	\$188.16	0.14%	\$2,275	0.99%
Monthly Total	8,757,430	\$26.34	100.00%	\$230,711	100.00%

**Eagle Creek, Gregg's Falls, Pembroke, River Bend, Clement Dam, Bow St., New Barre, South Barre, Powdermill Hydros*



November 2019 ENERGY BY RESOURCE





CAPACITY

The HMLD hit a demand of 17,024 kW, which occurred on November 13, at 7 pm. The HMLD's monthly UCAP requirement for November 2019 was 36,070 kW.

Table 3 shows the sources of capacity that the HMLD utilized to meet its requirements.

Table 3

Source	Amount (kW)	Cost (\$/kW- month)	Total Cost \$	% of Total Cost
Millstone #3	921	20.60	\$18,974	6.08%
Seabrook	4,949	20.48	\$101,376	32.47%
Stonybrook Peaking	4,094	2.13	\$8,721	2.79%
Stonybrook CC	6,733	3.61	\$24,310	7.79%
NYPA	1,034	4.75	\$4,913	1.57%
Hydro Quebec	0	0.00	\$3,571	1.14%
Berkshire Wind	122	271.50	\$33,122	10.61%
ISO-NE Supply Auction	18,217	6.44	\$117,268	37.56%
Total	36,070	8.66	\$312,255	100.00%



TRANSMISSION

The HMLD's total transmission costs for the month of November 2019, were \$190,508

Rebates

MMWEC's HELP program completed 14 residential home energy audits during the month of November, 2019. Additionally, HMLD issued \$299.49 for WiFi Thermostats and \$750 for Home Efficiency Incentive Rebates (HEI). HEI rebates are for energy star heating systems, duct sealing, blower door tests, and insulation.

Past Due Balances

The table reflects the past due balances for electric billings as of November, 2019.

Description	60 days	90 days	90 + days	Total
Billings – Electric	\$6,942	\$2,844	\$1,829	\$11,615
			Balance 1 year ago:	\$23,770

Outages

During the month of November, 2019, there were 8 outages. The table below indicates the date of occurrence, the location, cause, time & duration as well as the number of customers affected.

#	Date	S/U	General Information Address/Location	Cause Description	Time & Duration				Customers	
					#	Ints	T off	T on	Mins	# Out Cust Min
1	11/1/2019	U	Bullard St	Pole 20, 21, 22 Big Wind Storm	3	1	11/1/2019 4:30	11/1/2019 7:00	150	200 30000
2	11/1/2019	U	Nola Drive	Giant Tree	5	1	10/31/2019 12:00	11/1/2019 4:30	990	70 69300
3	11/1/2019	U	198 Bullard	Meter Junk from above storm	6	1	11/1/2019 10:30	11/1/2019 11:00	30	1 30
4	11/1/2019	U	150,172,180 Nola Drive	Service ripped off	3	1	10/31/2019 12:00	11/1/2019 0:00	720	3 2160
5	11/4/2019	U	Caseway St	Squirrel	4	1	11/4/2019 9:45	11/4/2019 10:45	60	30 1800
6	11/4/2019	S	Reservoir St Colony Retirement Home	Hooked up new cable to meter cabinet	8	1	11/4/2019 9:20	11/4/2019 10:20	60	44 2640
7	11/4/2019	U	Caseway St	Squirrel (second one that day)	4	1	11/4/2019 13:30	11/4/2019 14:30	60	30 1800
8	11/24/2019	U	Pole 6 Rolling Ridge	Small Tree branch on Cutout	5	1	11/24/2019 14:00	11/24/2019 15:00	60	10 600



Sales

Description	November, 2019	November, 2018	Variance	%
Metered Load	8,756,856	9,332,157	(575,301)	(6.6)%
Billings – kWh sales	8,216,049	8,699,992	(483,943)	(5.9)%
Billings – Electric Sales	\$1,137,159	\$1,225,100	\$(87,941)	(7.7)%
Accounts Billed	8,231	8,169	62	0.8%

Financial

Summary Financial Results (Unaudited)
YTD vs Budget
Ending November 30, 2019

	YTD	Budget	Variance
Operating Revenue	12,469,752	12,846,939	(377,187)
Power Expense	8,617,096	9,509,774	(892,678)
Dist. Expense	709,529	697,312	12,217
Cust. Expense	297,799	293,535	4,264
A&G Expense	1,882,322	1,765,016	117,306
Depreciation Exp	777,566	783,754	(6,188)
Net Oper Income	185,441	(202,452)	387,893
Other Inc.	180,103	165,000	15,103
Net Income	365,544	(37,452)	402,996

