




To: Peter Lukes
From: Jane Parenteau 
Date: January 2, 2020
Subject: HMLD Monthly Report – October, 2019

Power Supply

ENERGY

The HMLD's total metered load for the month of October, 2019 was 8,223,483 kWhs, which is a 6.9% decrease from the October, 2018 figures. HMLD's load is down approximately 4.7% year to date.

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

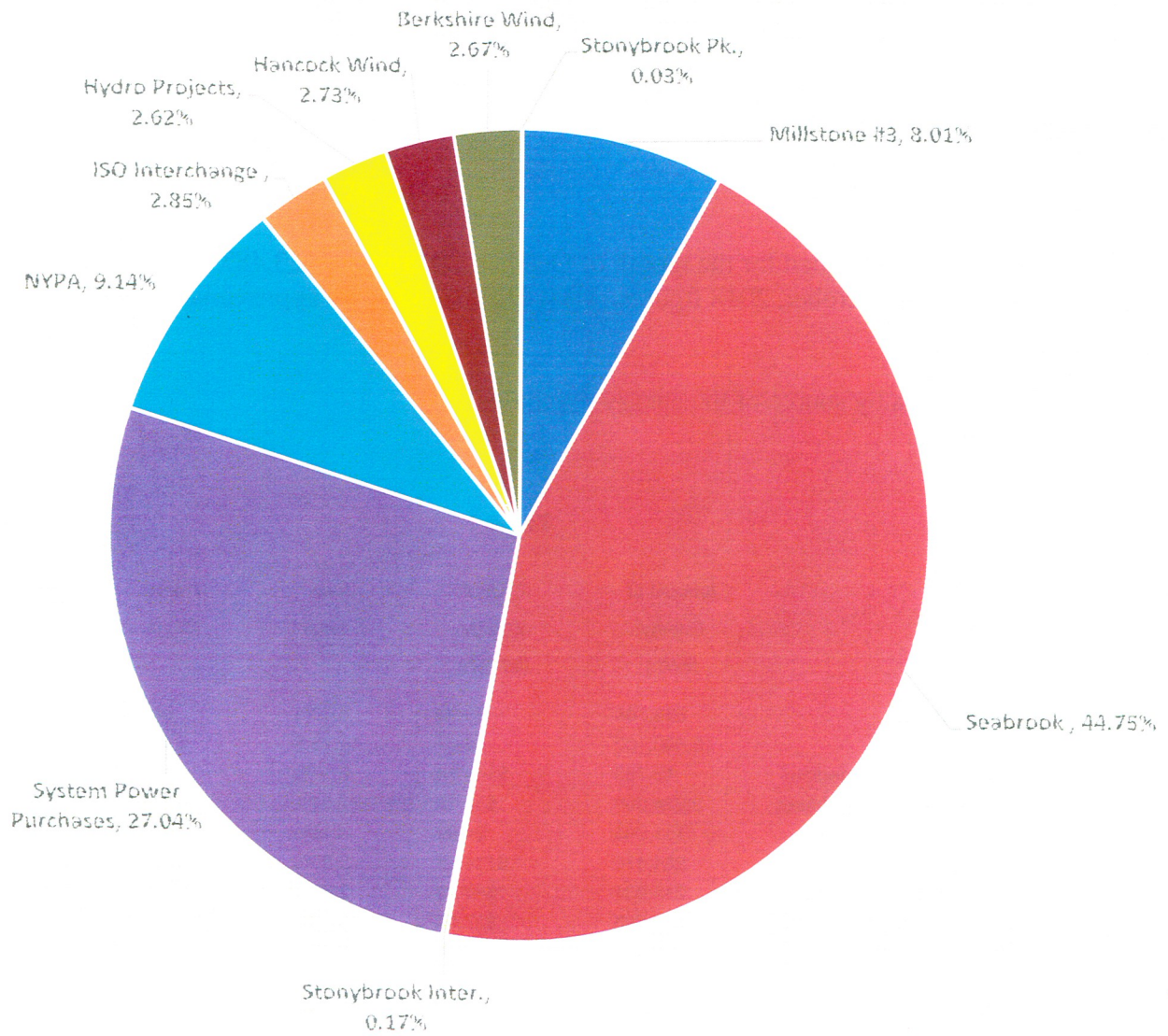
Table 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of Total Energy	Total \$ Costs	\$ as a %
Millstone #3	658,706	\$6.23	8.01%	\$4,102	2.13%
Seabrook	3,680,102	\$5.27	44.75%	\$19,403	10.10%
Stonybrook Intermediate	13,783	\$144.68	0.17%	\$1,994	1.04%
System Power Purchases	2,224,000	\$51.18	27.04%	\$113,833	59.23%
NYP&A	751,703	\$4.92	9.14%	\$3,698	1.92%
ISO Interchange	234,470	\$114.25	2.85%	\$26,788	13.94%
Hydro Projects*	215,304	\$44.99	2.62%	\$9,687	5.04%
Hancock/Berkshire Wind	443,763	\$27.59	5.40%	\$12,242	6.37%
Stonybrook Peaking	2,431	\$180.34	0.03%	\$438	0.23%
Monthly Total	8,224,262	\$23.37	100.00%	\$192,185	100.00%

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



October 2019 ENERGY BY RESOURCE





CAPACITY

The HMLD hit a demand of 14,926 kW, which occurred on October 22, at 7 pm. The HMLD's monthly UCAP requirement for October 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	20.62	\$18,994	6.09%
Seabrook	4,949	20.59	\$101,893	32.69%
Stonybrook Peaking	4,094	1.96	\$8,043	2.58%
Stonybrook CC	6,733	3.50	\$23,577	7.56%
NYPA	1,034	4.44	\$4,594	1.47%
Hydro Quebec	0	0.00	\$3,591	1.15%
Berkshire Wind	122	271.64	\$33,141	10.63%
ISO-NE Supply Auction	18,217	6.47	\$117,880	37.82%
Total	36,070	8.64	\$311,711	100.00%



TRANSMISSION

The HMLD's total transmission costs for the month of October 2019, were \$184,577

Rebates

MMWEC's HELP program completed 9 residential home energy audits during the month of October, 2019. Additionally, HMLD issued \$67.50 for WiFi Thermostats, \$670 for appliance rebates, \$500 in Cool Homes rebates, \$600 for Heat Pumps and \$1,360 for Home Efficiency Incentive Rebates (HEI). Cool Home rebates include rebates for high efficiency central A/C and Heat Pumps and 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 October, 2019.

Description	60 days	90 days	90 + days	Total
Billings – Electric	\$5,836	\$709	\$1,289	\$7,834
			Balance 1 year ago:	\$25,184

Outages

During the month of October, 2019, there were 7 outages. The table below indicates the date of occurrence, the location, cause, time & duration as well as the number of customers affected.

General Information				Cause		Time & Duration				Customers	
#	Date	S/U	Address/Location	Description	#	Ints	T off	T on	Mins	# Out	Cust Min
1	10/4/2019	U	Laurel Hill Lane	wind blew over large tree	5	1	10/4/19 2:00 PM	10/4/19 3:00 PM	60	2	120
2	10/6/2019	U	927 Salisbury S t	Tree in primary	5	1	10/6/19 4:00 PM	10/6/19 6:00 PM	120	1	120
3	10/17/2019	U	41 Mill St	Tree tore down house line	5	1	10/17/19 10:00 AM	10/17/19 3:30 PM	330	1	330
4	10/23/2019	U	Mason Rd Fox & Coon Cllub	Tree tore down house line & field lights	5	1	10/23/19 5:00 PM	10/23/19 6:30 PM	90	1	90
5	10/24/2019	U	pole #14 Island of Boyden Philips	Car Accident		1	10/24/19 11:30 PM	10/25/19 1:30 PM	840	0	0
6	10/26/2019	U	480 Malden St	phase to ground fault caused by bird	4	1	10/26/19 8:20 AM	10/26/19 9:50 AM	90	6	540
7	10/31/2019	U	2323 Main St	Tree	5	1	10/31/19 8:30 PM	10/31/19 10:30 PM	120	1	120



Sales

Description	October, 2019	October, 2018	Variance	%
Metered Load	8,223,483	8,790,871	(567,388)	(6.9)%
Billings – kWh sales	7,520,682	7,645,521	(124,839)	(1.7)%
Billings – Electric Sales	\$1,057,837	\$1,076,842	\$(19,005)	(1.8)%
Accounts Billed	8,237	8,194	43	0.5%

Financial

Summary Financial Results (Unaudited)
YTD vs Budget
Ending October 31, 2019

	YTD	Budget	Variance
Operating Revenue	11,376,080	11,781,563	(405,483)
Power Expense	7,890,499	8,676,835	(786,336)
Dist. Expense	634,098	633,920	178
Cust. Expense	271,592	266,850	4,742
A&G Expense	1,721,755	1,604,560	117,195
Depreciation Exp	706,264	712,503	(6,239)
Net Oper Income	151,873	(113,106)	264,978
Other Inc.	178,281	150,000	28,281
Net Income	330,154	36,894	293,259

