




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

Power Supply

ENERGY

The HMLD's total metered load for the month of September, 2019 was 8,458,506 kWhs, which is a 9.9% decrease from the September, 2018 figures. HMLD's load is down approximately 4.55% year to date.

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

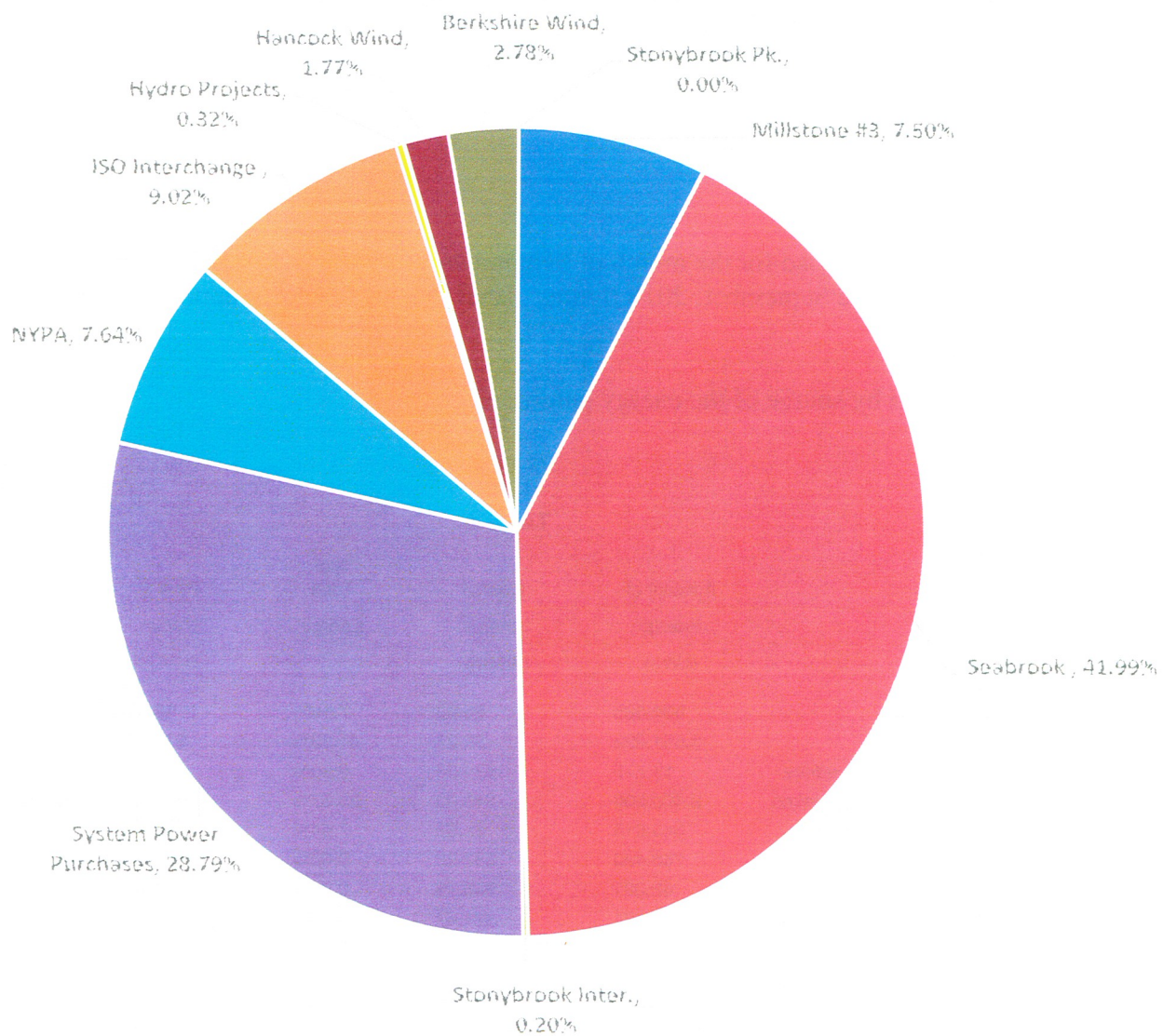
Table 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of Total Energy	Total \$ Costs	\$ as a %
Millstone #3	634,085	\$6.23	7.50%	\$3,949	2.02%
Seabrook	3,551,622	\$5.27	41.99%	\$18,725	9.57%
Stonybrook Intermediate	17,275	\$24.68	0.20%	\$426	0.22%
System Power Purchases	2,400,000	\$48.93	28.37%	\$117,424	60.03%
NYPA	645,915	\$4.92	7.64%	\$3,178	1.62%
ISO Interchange	763,420	\$53.26	9.02%	\$40,659	20.79%
Hydro Projects*	62,391	\$46.78	0.74%	\$2,918	1.49%
Hancock/Berkshire Wind	384,321	\$21.67	4.54%	\$8,327	4.26%
Stonybrook Peaking	0	\$0.00	0.00%	\$0	0.00%
Monthly Total	8,459,029	\$23.12	100.00%	\$195,606	100.00%

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



September 2019 ENERGY BY RESOURCE





CAPACITY

The HMLD hit a demand of 18,745 kW, which occurred on September 23, at 8 pm. The HMLD's monthly UCAP requirement for September 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	20.46	\$18,847	6.01%
Seabrook	4,949	20.59	\$101,904	32.52%
Stonybrook Peaking	4,094	2.18	\$8,921	2.85%
Stonybrook CC	6,733	3.66	\$24,661	7.87%
NYPA	1,034	4.47	\$4,624	1.48%
Hydro Quebec	0	0.00	\$2,585	0.82%
Berkshire Wind	122	271.64	\$33,141	10.57%
ISO-NE Supply Auction	18,217	6.52	\$118,720	37.88%
Total	36,070	8.69	\$313,401	100.00%



TRANSMISSION

The HMLD's total transmission costs for the month of September 2019, were \$193,272

Rebates

MMWEC's HELP program completed 3 residential home energy audits during the month of September, 2019. Additionally, HMLD issued \$94.53 for WiFi Thermostats, \$1,740 for appliance rebates, \$500 in Cool Homes rebates, \$500 for Heat Pumps and \$500 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 September, 2019.

Description	60 days	90 days	90 + days	Total
Billings – Electric	\$4,870	\$1,324	\$7,243	\$13,437
			Balance 1 year ago:	\$21,848

Outages

During the month of September, 2019, there were 2 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	9/3/2019	U	North Main St	Truck Accident	1		9/3/2019 15:30	9/3/2019 18:30	180	1 180
2	9/13/2019	S	Reservoir St	Moved hendrix line to new pole	8	1	9/13/2019 10:30	9/13/2019 11:30	60	12 720



Sales

Description	September, 2019	September, 2018	Variance	%
Metered Load	8,458,506	9,391,869	(933,363)	(9.9)%
Billings – kWh sales	9,249,887	10,040,010	(790,123)	(7.9)%
Billings – Electric Sales	\$1,280,145	\$1,390,545	\$(110,400)	(7.9)%
Accounts Billed	8,211	8,179	32	0.4%

Financial

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

	YTD	Budget	Variance
Operating Revenue	10,413,079	10,782,675	(369,596)
Power Expense	7,199,317	7,738,111	(538,794)
Dist. Expense	567,446	570,528	(3,082)
Cust. Expense	239,398	240,165	(767)
A&G Expense	1,517,322	1,444,108	73,214
Depreciation Exp	634,962	641,253	(6,291)
Net Oper Income	254,634	148,515	106,119
Other Inc.	116,178	135,000	(18,822)
Net Income	370,812	283,515	87,297

