




To: Peter Lukes
From: Jane Parenteau 
Date: August 11, 2019
Subject: HMLD Monthly Report – June, 2019

Power Supply

ENERGY

The HMLD's total metered load for the month of June, 2019 was 8,636,063 kWhs, which is a 4.6% decrease from the June, 2018 figures. HMLD's load is down approximately 1.4% year to date.

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

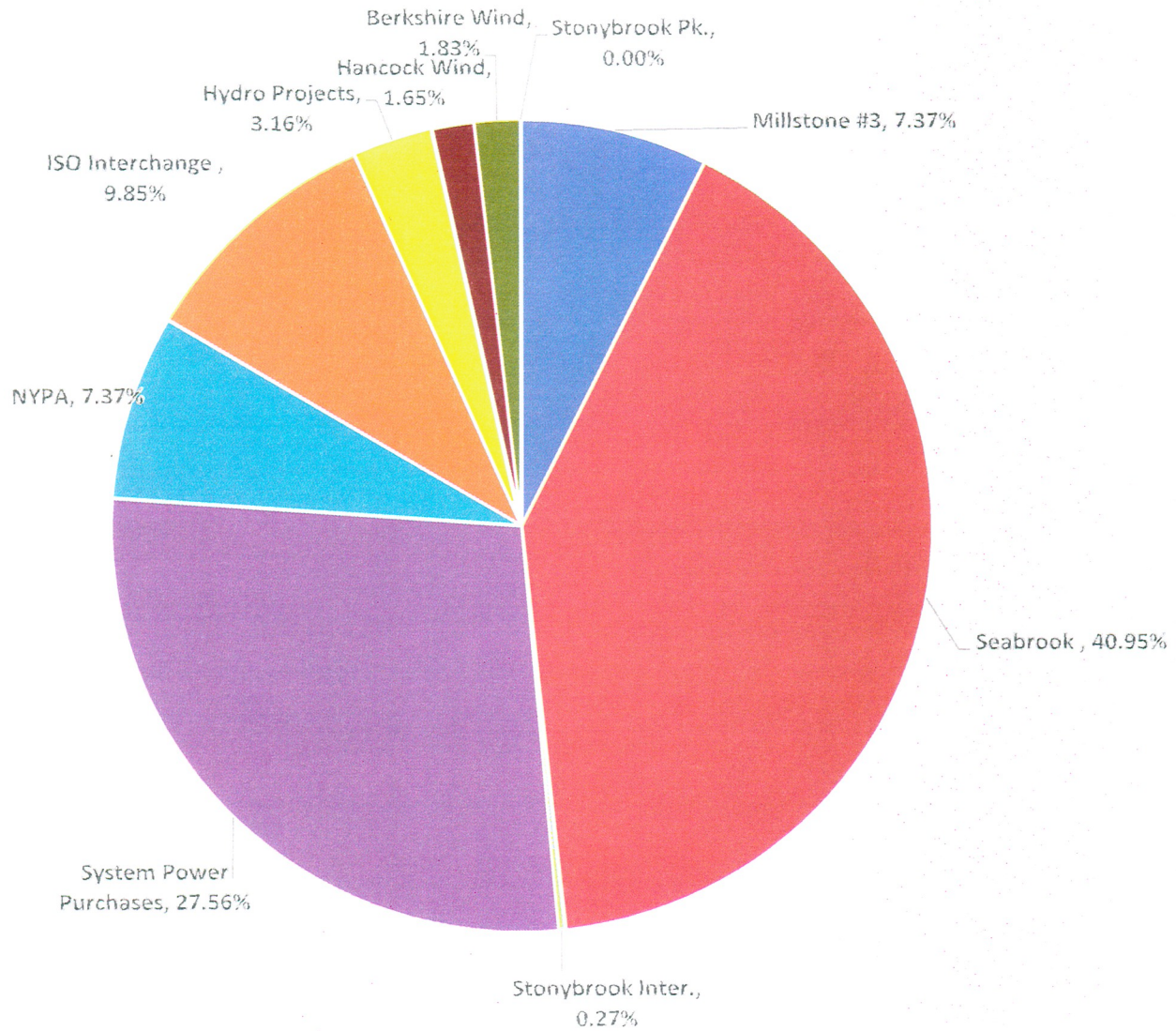
Table 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of Total Energy	Total \$ Costs	\$ as a %
Millstone #3	641,761	\$6.23	7.37%	\$3,997	2.12%
Seabrook	3,566,483	\$5.27	40.95%	\$18,804	9.97%
Stonybrook Intermediate	23,078	\$33.61	0.27%	\$776	0.41%
System Power Purchases	2,400,000	\$48.63	27.56%	\$116,712	61.86%
NYPA	641,653	\$1.14	7.37%	\$728	0.39%
ISO Interchange	857,840	\$25.40	9.85%	\$21,787	11.55%
Hydro Projects*	275,206	\$65.56	3.16%	\$18,042	9.56%
Hancock/Berkshire Wind	302,521	\$25.92	3.47%	\$7,841	4.16%
Stonybrook Peaking	0	\$0.00	0.00%	\$0	0.00%
Monthly Total	8,708,542	\$21.67	100.00%	\$188,686	100.00%

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



June 2019 ENERGY BY RESOURCE





CAPACITY

The HMLD hit a demand of 18,699 kW, which occurred on June 28, at 3 pm. The HMLD's monthly UCAP requirement for June 2019 was 36,042 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	896	22.44	\$20,108	6.39%
Seabrook	4,971	20.68	\$102,824	32.68%
Stonybrook Peaking	4,094	1.99	\$8,167	2.60%
Stonybrook CC	6,733	3.43	\$23,094	7.34%
NYPA	1,034	4.40	\$4,553	1.45%
Hydro Quebec	0	0.00	\$3,126	0.99%
Berkshire Wind	126	286.85	\$36,143	11.49%
ISO-NE Supply Auction	18,217	6.40	\$116,617	37.06%
Total	36,071	8.72	\$314,632	100.00%



TRANSMISSION

The HMLD's total transmission costs for the month of June 2019, were \$205,605

Rebates

MMWEC's HELP program completed 9 residential home energy audits during the month of June, 2019. Additionally, HMLD issued \$112 for Wi-Fi thermostats rebates, \$650 for appliance rebates, \$500 in Cool Homes rebates, and \$2,670 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 June, 2019.

Description	60 days	90 days	90 + days	Total
Billings – Electric	\$5,455	\$2,961	\$21,390	\$29,806

Outages

During the month of June, 2019, there were 13 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	6/5/2019	U	28 Yorktown Terrace	Internal Problem	8	1	6/5/19 6:45 PM	6/5/19 7:45 PM	60	1	60
2	6/10/2019	U	John Alden Rd	Squirrel	4	1	6/10/19 8:00 AM	6/10/19 8:30 AM	30	9	270
3	6/11/2019	U	Industrial Dr	Raven	4	1	6/11/19 5:30 PM	6/11/19 6:30 PM	60	3	180
4	6/12/2019	U	Heather Circle	Snake	4	1	6/12/19 11:30 PM	6/13/19 1:00 AM	90	40	3600
5	6/13/2019	U	Dorothy Lane	Tree Branch	5	1	6/13/19 6:00 PM	6/13/19 7:30 PM	90	3	270
6	6/14/2019	U	Main St	Tree Branch	5	1	6/14/19 7:00 PM	6/14/19 9:00 PM	120	1,500	180000
7	6/25/2019	S	Chuckerberry Village Flagler Dr.	Transformer Change	1	1	6/25/19 9:30 AM	6/25/19 11:30 AM	120	50	6000
8	6/25/2019	U	Willowbrook Dr	Fuse and LA on pole	1	1	6/25/19 8:40 PM	6/25/19 10:40 PM	120	2	240
9	6/26/2019	U	Meadowood Dr	Broken Pole	9	1	6/26/19 9:00 AM	6/26/19 12:00 PM	180	10	1800
10	6/29/2019	U	Mason Rd	? Blown Fuse	1	1	6/29/19 7:00 AM	6/29/19 8:00 AM	60	3	180
11	6/29/2019	U	Mason Rd	Squirrel	4	1	6/29/19 9:50 AM	6/29/19 11:10 AM	80	1	80
12	6/29/2019	U	Holly Circle	Truck hit URD transformer	10	1	6/29/19 5:00 PM	6/29/19 7:00 PM	120	8	960
13	6/30/2019	U	Holly Circle	Cut secondary wire from the day before	7	1	6/30/19 9:00 AM	6/30/19 11:30 AM	150	21	3150



Sales

Description	June, 2019	June, 2018	Variance	%
Metered Load	8,636,063	9,052,531	(416,468)	(4.6)%
Billings – kWh sales	7,616,125	8,286,949	(670,824)	(8.1)%
Billings – Electric Sales	\$1,109,871	\$1,233,389	\$(123,518)	(10.0)%
Accounts Billed	8,197	8,175	54	0.3%

Financial

Summary Financial Results (Unaudited)
YTD vs Budget
For the 6 Months Ending June 30, 2019

	YTD	Budget	Variance
Operating Revenue	6,658,958	6,721,388	(62,430)
Power Expense	4,816,244	5,082,438	(266,194)
Dist. Expense	367,370	380,352	(12,982)
Cust. Expense	166,562	160,110	6,452
A&G Expense	947,422	962,736	(15,314)
Depreciation Exp	421,056	427,502	(6,446)
Net Oper Income	(59,697)	(291,750)	232,053
Other Inc.	80,190	90,000	(9,810)
Net Income	20,493	(201,750)	222,243

Operations Update

- Begin installing new conductor on Reservoir St.
- Continue re-conductoring Valley Hill, Terrie Ln and Greenwood Parkway.
- Continue to remove old double poles throughout various areas in town.
- ROW and road way /canopy trimming of Shrewsbury St.



- Continue ROW trimming South Main St. 3 phase from Newell Rd to Adams Rd
- ROW trimming on Fort Sumter for DPW sidewalk project.
- Awaiting EPA grant to help pay for the new truck 25(Service Bucket Truck)
- Continue to convert all Main St decorative lights to LED.
- Install 2 LED PL's at Chaffins Plaza as a pilot program. One new one, one retro

Major Outages:

17:04 hrs. on Saturday July 6th 2019
and
16:55 hrs. on Wednesday July 17th 2019

Due to uncontrollable weather related issues, the main high voltage feeder line (labeled the B54 line) supplied by national grid, saw an operation of one of its breakers due to a lightning strike. The breaker opened, cleared the fault and closed again, remaining closed (On). Both the 34 North and the 68 North circuits experienced a momentary loss of power, power was restored to both affected circuits within seconds.

Personal:

John Harris re-evaluated Aug 8th.

Kim Brunell scheduled to return Aug 1st.

We interviewed 6 applicants for the forestry specialist position, extended an offer to one.