



To: Peter Lukes

From: Barry Tupper

Date: August 25, 2022

Subject: HMLD Monthly Report – July 2022

Power Supply

ENERGY

The HMLD's total metered load for the month of July 2022 was 11,457,710 kWhs, which is a 13% increase from the July 2021 figures. HMLD's load is up approximately 2% year to date.

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

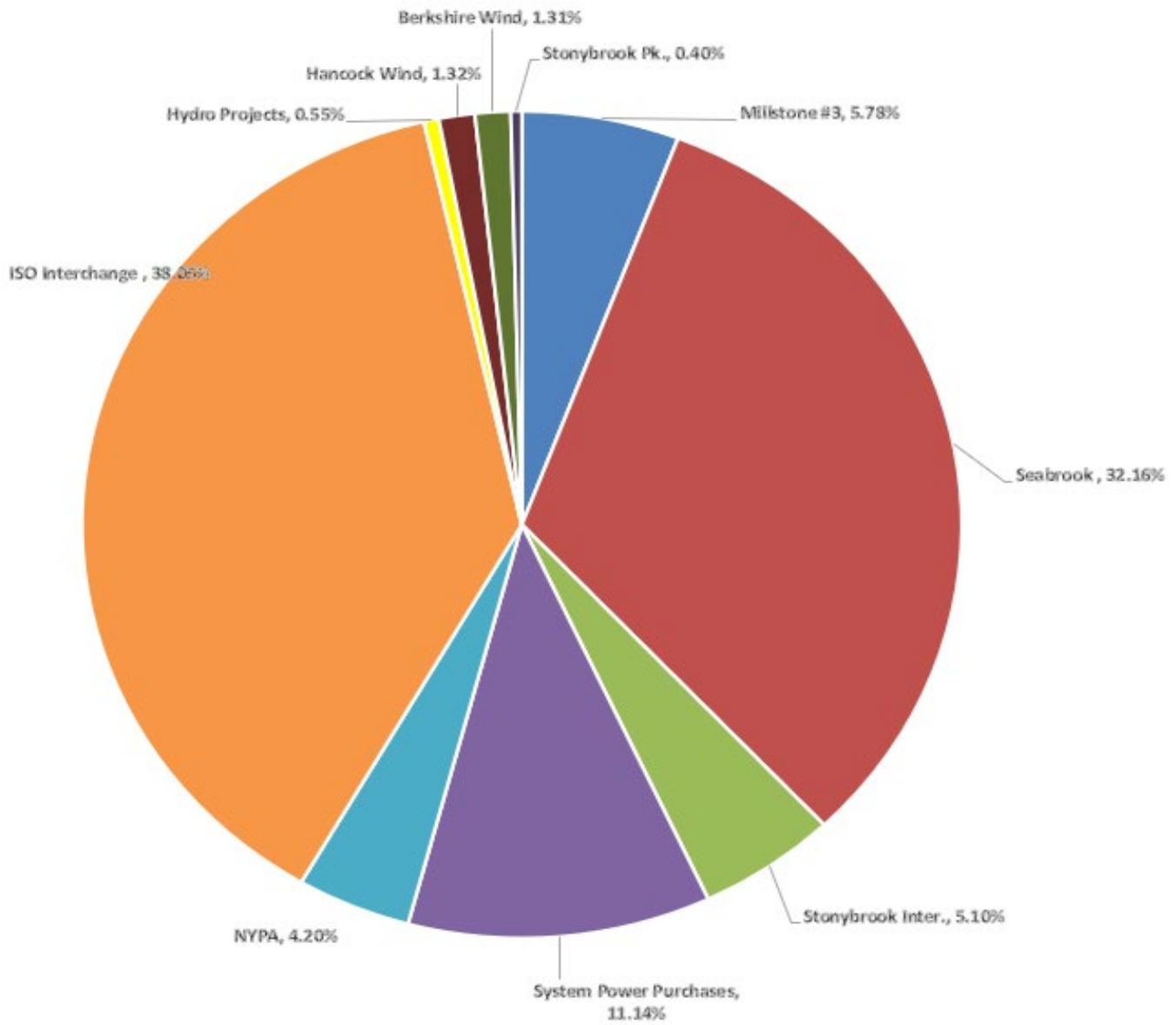
Table 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of To- tal Energy	Total \$ Costs	\$ as a %
Millstone #3	662,410	\$6.19	5.78%	\$4,100	0.66%
Seabrook	3,684,270	\$4.58	32.16%	\$16,874	2.71%
Stonybrook Intermediate	583,840	\$95.36	5.10%	\$55,674	8.93%
System Power Purchases	1,276,373	\$0.00	11.14%	\$0	0.00%
NYPA	480,886	\$4.92	4.20%	\$2,366	0.38%
ISO Interchange	4,359,910	\$119.77	38.05%	\$522,204	83.76%
Hydro Projects*	63,083	\$48.77	0.55%	\$3,077	0.49%
Hancock/Berkshire Wind	300,907	\$22.04	2.63%	\$6,633	1.06%
Stonybrook Peaking	46,031	\$271.68	0.40%	\$12,506	2.01%
Monthly Total	11,457,710	\$54.41	100.00%	\$623,433	100.00%

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



July 2022 ENERGY BY RESOURCE



The HMLD hit a demand of 24,990 kW, which occurred on July 21st at 3pm. The HMLD's monthly UCAP requirement for July 2022 was 35,586 kW.



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

Table 3

Source	Amount (kWs)	Cost (\$/kW-month)	Total Cost \$	% of Total Cost
Millstone #3	889	21.04	\$18,706	7.12%
Seabrook	4,950	16.70	\$82,648	31.46%
Stonybrook Peaking	4,096	2.50	\$10,259	3.90%
Stonybrook CC	6,735	3.82	\$25,735	9.79%
NYPA	1,034	4.95	\$5,122	1.95%
Hydro Quebec	0	0.00	\$2,113	0.80%
Berkshire Wind	122	330.84	\$40,363	15.36%
ISO-NE Supply Auction	17,760	4.38	\$77,792	29.61%
Total	35,586	7.38	\$262,738	100.00%

TRANSMISSION

The HMLD's total transmission costs for the month of July 2022 were \$305,754.49.

Rebates

MMWEC's NextZero program completed 8 residential home energy audits during the month of July 2022. The total rebates for the month of July were \$1,725.00. HMLD issued \$600.00 in appliance rebates, \$500.00 in Cool Home rebates, HEI Rebates \$500.00 and WiFi Thermostats of \$125.00. 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 July 2022.

Description	60 days	90 days	120 + days	Total
Billings – Electric	\$9,694.66	\$4,507.97	\$26,219.77	\$40,422.40
			Balance 1 year ago:	\$49,042.81

Outages

During the month of July 2022, there were 11 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	7/2/2022	U	Birchwood Dr	Squirrel	4	1	7/2/22 7:15 AM	7/2/22 8:30 AM	75	10 750
2	7/9/2022	U	Manning St	Bird	4	1	7/9/22 6:30 AM	7/9/22 7:00 AM	30	1 30
3	7/13/2022	U	S. Wachuset St	Squirrel	4	1	7/13/22 7:00 AM	7/13/22 8:00 AM	60	12 720
4	7/16/2022	U	Main St Holden Disc	Bird	4	1	7/16/22 6:00 AM	7/16/22 8:30 AM	150	1 150
5	7/19/2022	U	Oakwood St	Meter Socket	8	1	7/19/22 3:00 PM	7/20/22 10:00 AM	1140	1 1140
6	7/21/2022	U	Main St	Bad Transformer	1	1	7/21/22 5:30 PM	7/21/22 7:30 PM	120	2 240
7	7/24/2022	U	River St	CSP Tripped	1	1	7/24/22 9:00 PM	7/24/22 10:30 PM	90	14 1260
8	7/24/2022	U	Mixer Rd	Overloaded XFMr	1	1	7/24/22 6:00 PM	7/24/22 8:00 PM	120	9 1080
9	7/25/2022	U	Main St	Tripped on Main	9	1	7/24/22 10:45 PM	7/25/22 5:00 AM	375	1 375
10	7/28/2022	U	Bailey Rd	Tree	5	1	7/28/22 11:30 AM	7/28/22 1:30 PM	120	50 6000
11	7/31/2022	U	Putnam Rd	Squirrel	4	1	7/31/22 6:30 AM	7/31/22 8:10 AM	100	20 2000



Sales

Description	July 2022	July 2021	Variance	%
Metered Load	11,457,142	9,962,052	1,495,090	13%
Billings – kWh sales	9,679,210	10,175,215	-496,005	-5%
Billings – Electric Sales	\$1,622,108.60	\$1,421,386.87	\$200,721.73	12.4%
Accounts Billed	8,302	8,294	8	.1%

Financials

See Attachments