



To: Peter Lukes

From: Barry Tupper

Date: November 28, 2023

Subject: HMLD Monthly Report – October 2023

Power Supply

ENERGY

The HMLD's total metered load for the month of October 2023 was 8,038,866 kWhs, which is a 1.75% decrease from the October 2022 figures.

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

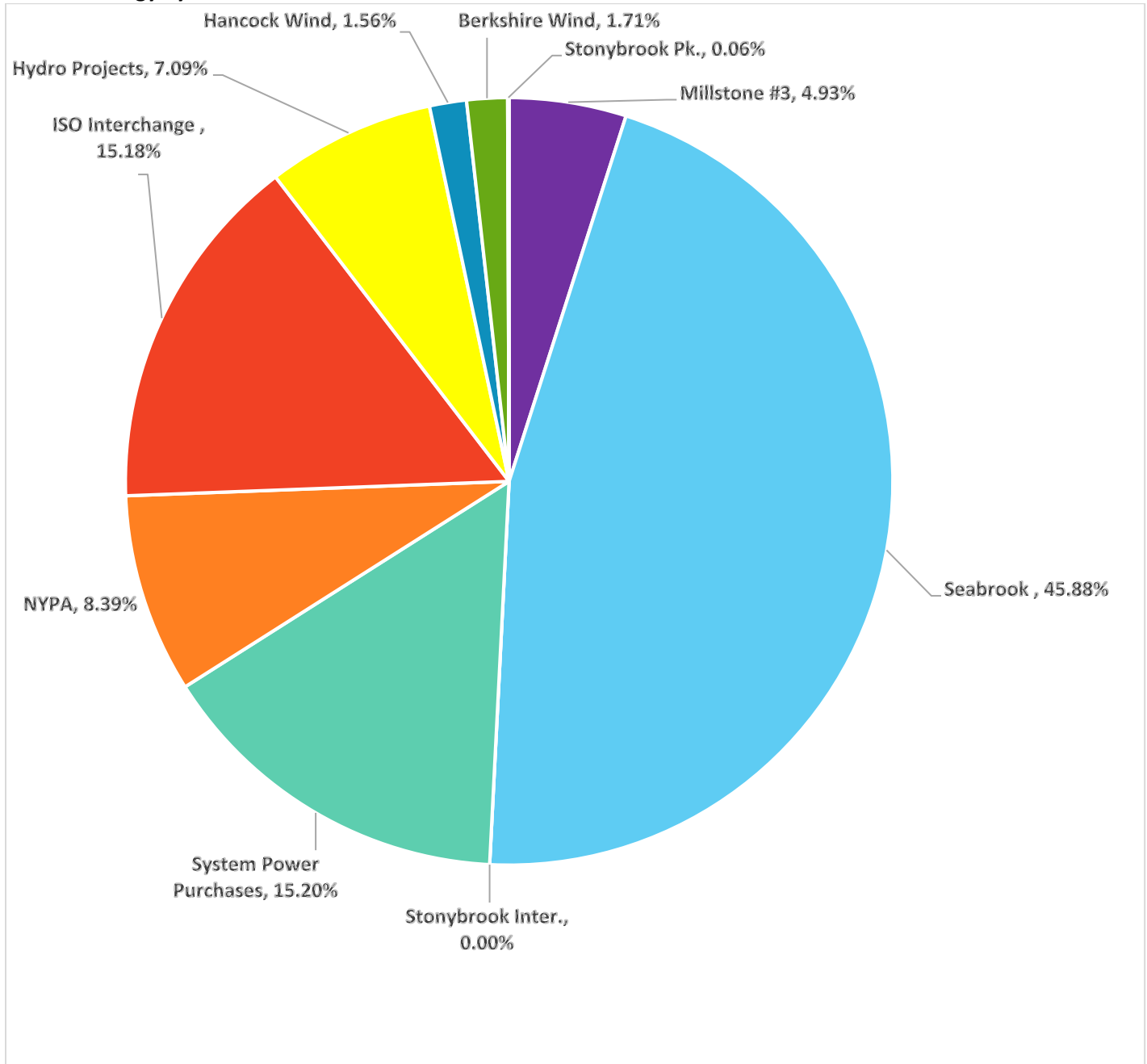
Table 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of To- tal Energy	Total \$ Costs	\$ as a %
Millstone #3	396,372	\$6.04	4.93%	\$2,394	1.20%
Seabrook	3,687,660	\$4.53	45.88%	\$16,705	8.34%
Stonybrook Intermediate	1	\$6,970.00	0.00%	\$7	0.00%
System Power Purchases	1,221,600	\$39.89	15.20%	\$48,729	24.33%
NYP&A	674,799	\$4.92	8.39%	\$3,320	1.66%
ISO Interchange	1,220,240	\$76.43	15.18%	\$93,265	46.58%
Hydro Projects*	569,734	\$48.07	7.09%	\$27,384	13.68%
Hancock/Berkshire Wind	262,880	\$26.86	3.27%	\$7,061	3.53%
Stonybrook Peaking	4,846	\$284.28	0.06%	\$1,378	0.69%
Monthly Total	8,038,132	\$24.91	100.00%	\$200,244	100.00%

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



October Energy by Resource



The HMLD hit a demand of 15,221, which occurred on October 4th at 7:00pm.



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	889	\$2.62	\$2,328	0.97%
Seabrook	4,950	\$18.81	\$93,106	38.84%
Stonybrook Peaking	4,094	\$2.53	\$10,347	4.32%
Stonybrook CC	6,733	\$3.84	\$25,841	10.78%
NYPA	1,034	\$4.40	\$4,552	1.90%
Hydro Quebec	0	\$0.00	-\$5,268	-2.20%
Berkshire Wind	126	\$322.92	\$40,688	16.97%
ISO-NE Supply Auction	18,382	\$3.71	\$68,119	28.42%
Total	36,208	\$6.62	\$239,713	100.00%

TRANSMISSION

The HMLD's total transmission costs for the month of October 2023 were \$374,461.27.

Rebates

MMWEC's NextZero program completed 18 residential home energy audits during the month of October. The total rebates for the month of October were \$5,358.50. HMLD issued \$1,108.50 in appliance rebates, \$3,750.00 in cool home rebates and \$500.00 in HEI Rebate. 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 2023. In October, \$25,442.01 of the past due balance are protected accounts that cannot be shutoff.

Description	60 days	90 days	120 + days	Total
Billings – Electric	\$8,650.65	\$3,858.31	\$44,017.74	\$56,526.70
			Balance 1 year ago:	\$44,006.81

Outages

During the month of October 2023 there were 5 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	10/6/2023	U	Mason Rd	Tree Limbs	5	1	10/6/23 11:30 AM	10/6/23 12:30 PM	60	20	1200
2	10/10/2023	S	Princeton St	Pole Transfer of transformer	7	1	10/10/23 11:30 AM	10/10/23 1:00 PM	90	4	360
3	10/21/2023	U	Windsor Ct	Bad Urd	2	1	10/21/23 12:00 PM	10/21/23 3:00 PM	180	15	2700
4	10/22/2023	U	River St	? Refuse Center	9	1	10/22/23 7:00 AM	10/22/23 8:30 AM	90	35	3150
5	10/31/2023	S	Quinapoxet St	Install New Triples	7	1	10/31/23 9:00 AM	10/31/23 11:30 AM	150	9	1350



Sales

Description	October 2023	October 2022	Variance	%
Metered Load	8,038,132	8,182,304	-144,172	1.7
Billings – kWh sales	8,012,004	7,338,031	673,973	8.4
Billings – Electric Sales	\$1,253,951.23	\$1,399,971.13	-\$146,019.90	11.6
Accounts Billed	8,381	8,301	80	.95

Financials

See Attachments