



To: Peter Lukes

From: Barry Tupper

Date: March 28, 2023

Subject: HMLD Monthly Report – February 2023

Power Supply

ENERGY

The HMLD's total metered load for the month of February 2023 was 8,671,190 kWhs, which is a 5% decrease from the February 2022 figures. February 2023 did have some estimated load for the Chaffins Substation meter and will be reset-
tled in the upcoming months.

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

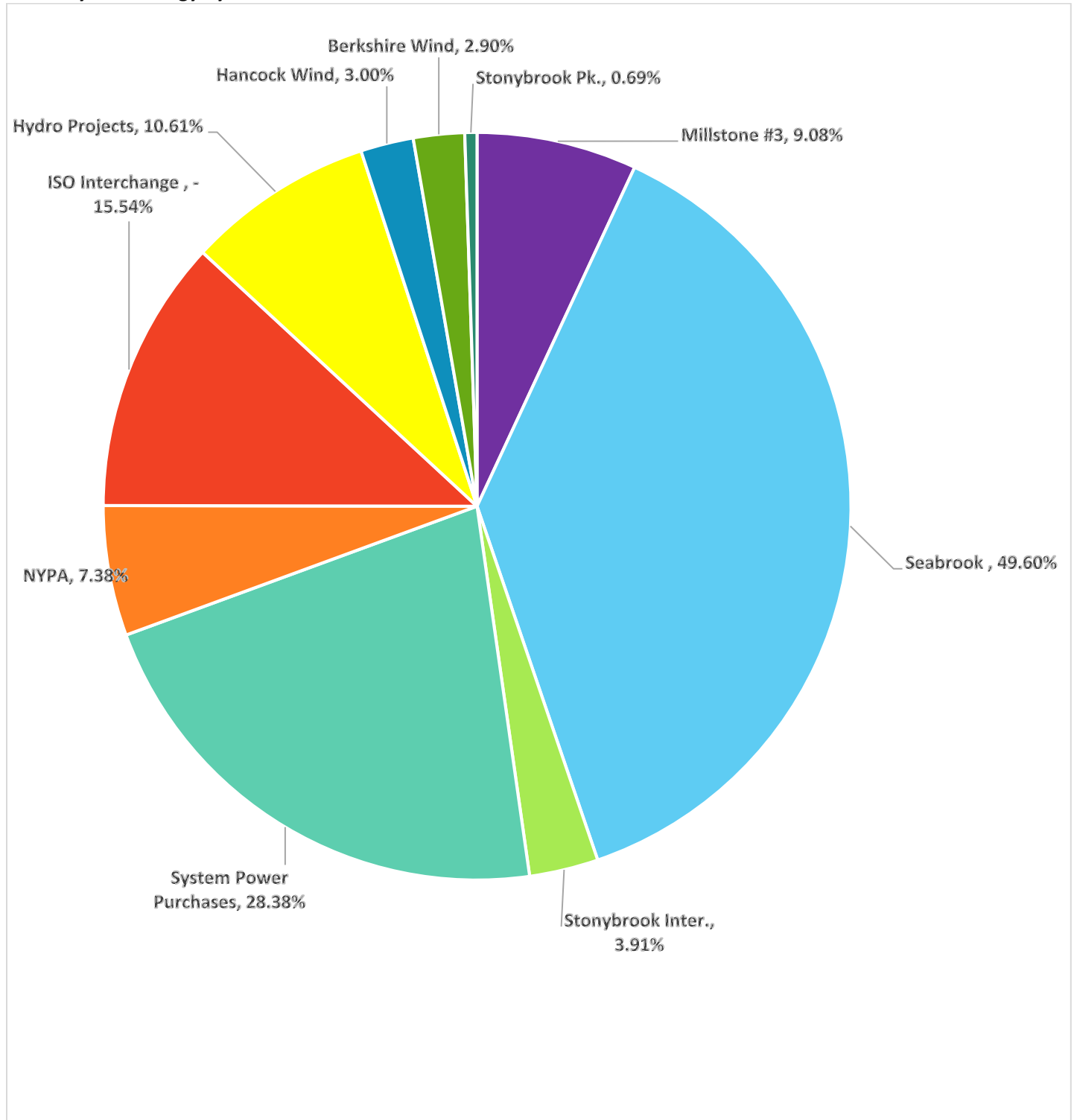
Table 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of To- tal Energy	Total \$ Costs	\$ as a %
Millstone #3	609,198	\$6.04	9.08%	\$3,680	0.82%
Seabrook	3,327,694	\$4.58	49.60%	\$15,241	3.41%
Stonybrook Intermediate	262,202	\$148.17	3.91%	\$38,852	8.70%
System Power Purchases	1,904,000	\$0.00	28.38%	\$0	0.00%
NYP&A	494,910	\$4.92	7.38%	\$2,435	0.55%
ISO Interchange	(1,042,360)	-\$282.13	-15.54%	\$294,082	65.88%
Hydro Projects*	711,868	\$97.95	10.61%	\$69,725	15.62%
Hancock/Berkshire Wind	395,454	\$25.83	5.89%	\$10,215	2.29%
Stonybrook Peaking	46,181	\$263.67	0.69%	\$12,176	2.73%
Monthly Total	6,709,147	\$66.54	100.00%	\$446,406	100.00%

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



February 2023 Energy by Resource



The HMLD hit a demand of 19,661, which occurred on February 3rd at 7:00pm.



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	21.13	\$18,785	7.21%
Seabrook	4,950	16.69	\$82,632	31.73%
Stonybrook Peaking	4,094	2.51	\$10,293	3.95%
Stonybrook CC	6,733	3.82	\$25,731	9.88%
NYPA	1,034	5.00	\$5,167	1.98%
Hydro Quebec	0	0.00	\$1,666	0.64%
Berkshire Wind	126	322.64	\$40,652	15.61%
ISO-NE Supply Auction	18,382	4.11	\$75,514	29.00%
Total	36,208	7.19	\$260,439	100.00%

TRANSMISSION

The HMLD's total transmission costs for the month of February 2023 were \$292,437.89.

Rebates

MMWEC's NextZero program completed 14 residential home energy audits during the month. The total rebates for the month of February were \$4,678.74. HMLD issued \$350.00 in appliance rebates, \$2,100.00 in Cool Home rebates, \$1,806.75 in HEI Rebates and \$421.99 for Wi-Fi thermostats. 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 February 2023.

Description	60 days	90 days	120 + days	Total
Billings – Electric	\$26,106.75	\$12,076.35	\$29,065.15	\$67,248.25
			Balance 1 year ago:	\$58,473.05



Outages

During the month of February 2023 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	2/11/2023	U	Reservoir ST	Leaking Transformer	1	1	2/11/23 6:30 AM	2/11/23 7:30 AM	60	6	360
2	2/13/2023	U	High St	Mylar Balloon	6	1	2/13/23 8:00 PM	2/13/23 9:00 PM	60	12	720
3	2/15/2023	U	Jamieson Rd	Bad Splice (Water Pump Station)	1	1	2/15/23 4:30 PM	2/15/23 5:30 PM	60	1	60
4	2/16/2023	U	Quinapoxet St	MVA Hit Pole	10	1	2/16/23 2:45 PM	2/16/23 3:15 PM	30	5	150
5	2/20/2022	U	Wyndhurst Drive3	Kent tree Co pulled	10	1	2/20/23 12:15 PM	2/20/23 1:30 PM	75	5	375
6	2/22/2023	U	Sterling Rd	Squirell	4	1	2/22/23 11:00 AM	2/22/23 12:01 PM	61	2	122
7	2/24/2023	U	Putnam Rd	Putnam Rd	5	1	2/24/23 10:05 AM	2/24/23 10:45 AM	40	15	600

Sales

Description	February 2023	February 2022	Variance	%
Metered Load	8,671,190	9,065,850	-394,660	5%
Billings – kWh sales	9,014,421	9,383,604	-369,183	4%
Billings – Electric Sales	\$1,791,121.12	\$1,398,734	\$392,387.12	22%
Accounts Billed	8,318	8,281	37	.4%

Financials

See Attachments