



To: Peter Lukes

From: Barry Tupper

Date: February 22, 2023

Subject: HMLD Monthly Report – January 2023

Power Supply

ENERGY

The HMLD's total metered load for the month of January 2023 was 9,198,444 kWhs, which is a 16% decrease from the January 2022 figures. January 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.

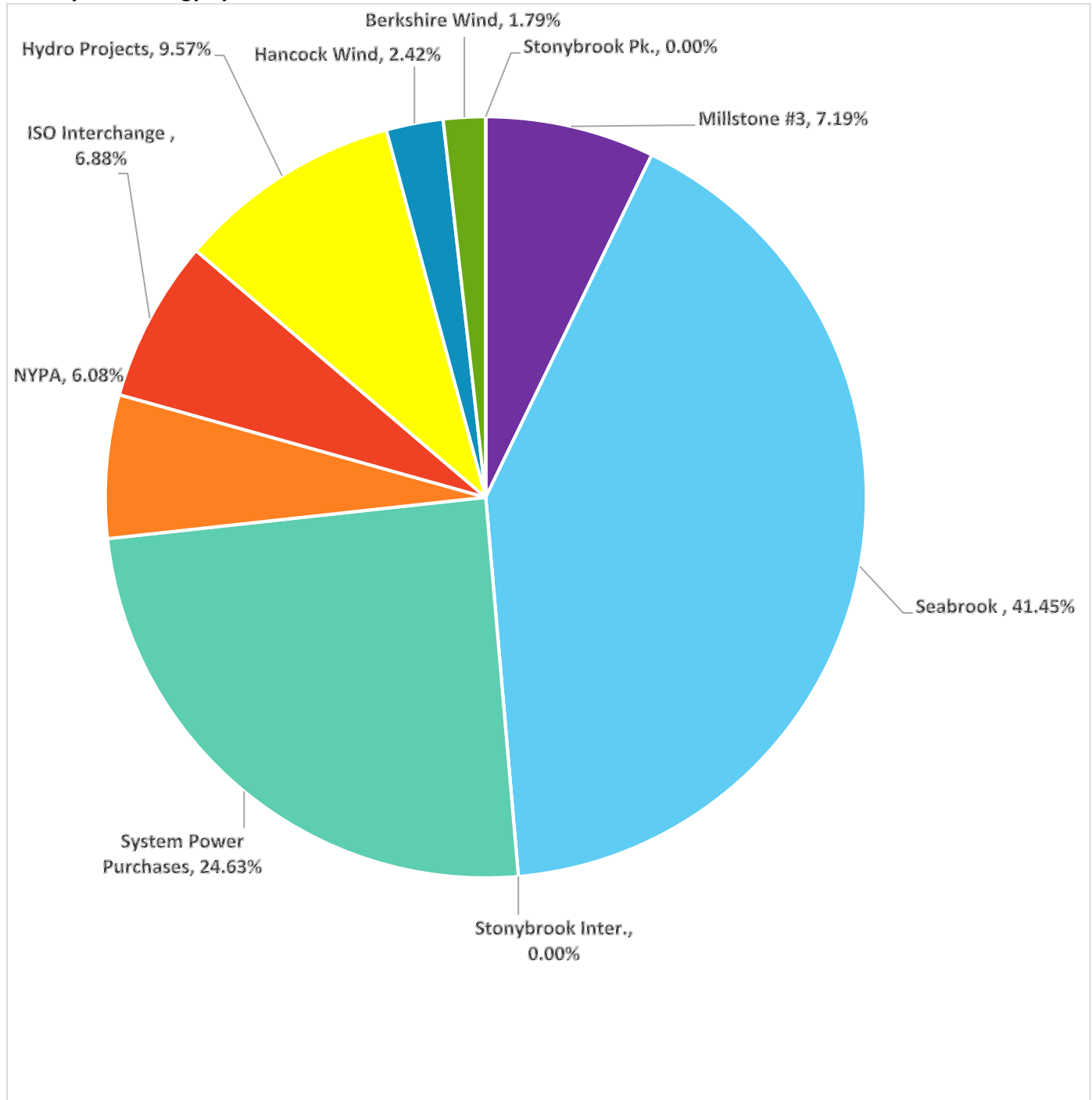
Table 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of To- tal Energy	Total \$ Costs	\$ as a %
Millstone #3	639,286	\$6.04	7.19%	\$3,862	0.75%
Seabrook	3,686,830	\$4.58	41.45%	\$16,886	3.26%
Stonybrook Intermediate	0	\$0.00	0.00%	\$0	0.00%
System Power Purchases	2,191,200	\$155.60	24.63%	\$340,949	65.90%
NYP&A	540,853	\$5.06	6.08%	\$2,734	0.53%
ISO Interchange	612,080	\$126.37	6.88%	\$77,348	14.95%
Hydro Projects*	850,958	\$77.13	9.57%	\$65,635	12.69%
Hancock/Berkshire Wind	374,318	\$26.55	4.21%	\$9,938	1.92%
Stonybrook Peaking	0	\$0.00	0.00%	\$0	0.00%
Monthly Total	8,895,525	\$58.16	100.00%	\$517,351	100.00%

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



January 2023 Energy by Resource



The HMLD hit a demand of 17,783, which occurred on January 16th at 6:00pm.



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	21.12	\$18,771	7.19%
Seabrook	4,950	16.70	\$82,672	31.65%
Stonybrook Peaking	4,094	2.53	\$10,340	3.96%
Stonybrook CC	6,733	3.83	\$25,787	9.87%
NYP&A	1,034	5.16	\$5,331	2.04%
Hydro Quebec	0	0.00	\$2,128	0.81%
Berkshire Wind	126	322.64	\$40,652	15.56%
ISO-NE Supply Auction	18,382	4.11	\$75,515	28.91%
Total	36,208	7.21	\$261,197	100.00%

TRANSMISSION

The HMLD's total transmission costs for the month of January 2023 were \$266,892.22.

Rebates

MMWEC's NextZero program completed 7 residential home energy audits during the month. The total rebates for the month of January were \$1,864.50. HMLD issued \$1,300.00 in Cool Home rebates, \$64.50 for Wi-Fi thermostats and HEI rebates of \$500.00. 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 January 2023.

Description	60 days	90 days	120 + days	Total
Billings – Electric	\$26,460.68	\$32,230.62	\$23,408.51	\$82,099.81
			Balance 1 year ago:	\$47,249.00

Outages

During the month of January 2023 there were 5 outages plus the snow/ice storm. 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	#	In	T off	T on	Mins	# Out	Cust Min
1	1/4/2023	U	Manning St	Branch on Primary	5	1	1/4/23 9:20 PM	1/4/23 10:40 PM	80	200	16000
2	1/7/2023	U	Manning St	Trees	5	1	1/7/23 12:45 AM	1/7/23 2:00 AM	75	200	15000
3	1/17/2023	U	Laurelwood	Squirrel	4	1	1/17/23 8:00 AM	1/17/23 9:30 AM	90	1	90
4	1/18/2023	U	Sterling Rd	Squirrel	4	1	1/18/23 9:50 AM	1/18/23 10:50 AM	60	2	120
5	1/23/2023	U	All over town	storm	3	1	1/23/23 1:00 AM	1/24/23 12:00 AM	1380	3,500	4830000
6	1/26/2023	U	Broken Tap Wire	limbs	1	1	1/26/23 3:30 PM	1/26/23 4:20 PM	50	5	250



Sales

Description	January 2023	January 2022	Variance	%
Metered Load	9,198,444	10,692,733	-1,494,289	16%
Billings – kWh sales	9,727,543	9,120,012	607,531	6.2%
Billings – Electric Sales	\$1,915,043.04	\$1,362,001	\$553,042.04	28.9%
Accounts Billed	8,308	8,291	17	.2%

Financials

See Attachments