



To: Peter Lukes
 From: Barry Tupper
 Date: April 25, 2023
 Subject: HMLD Monthly Report – March 2023

Power Supply

ENERGY

The HMLD’s total metered load for the month of March 2023 was 8,964,650 kWhs, which is a 2% decrease from the March 2022 figures.

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

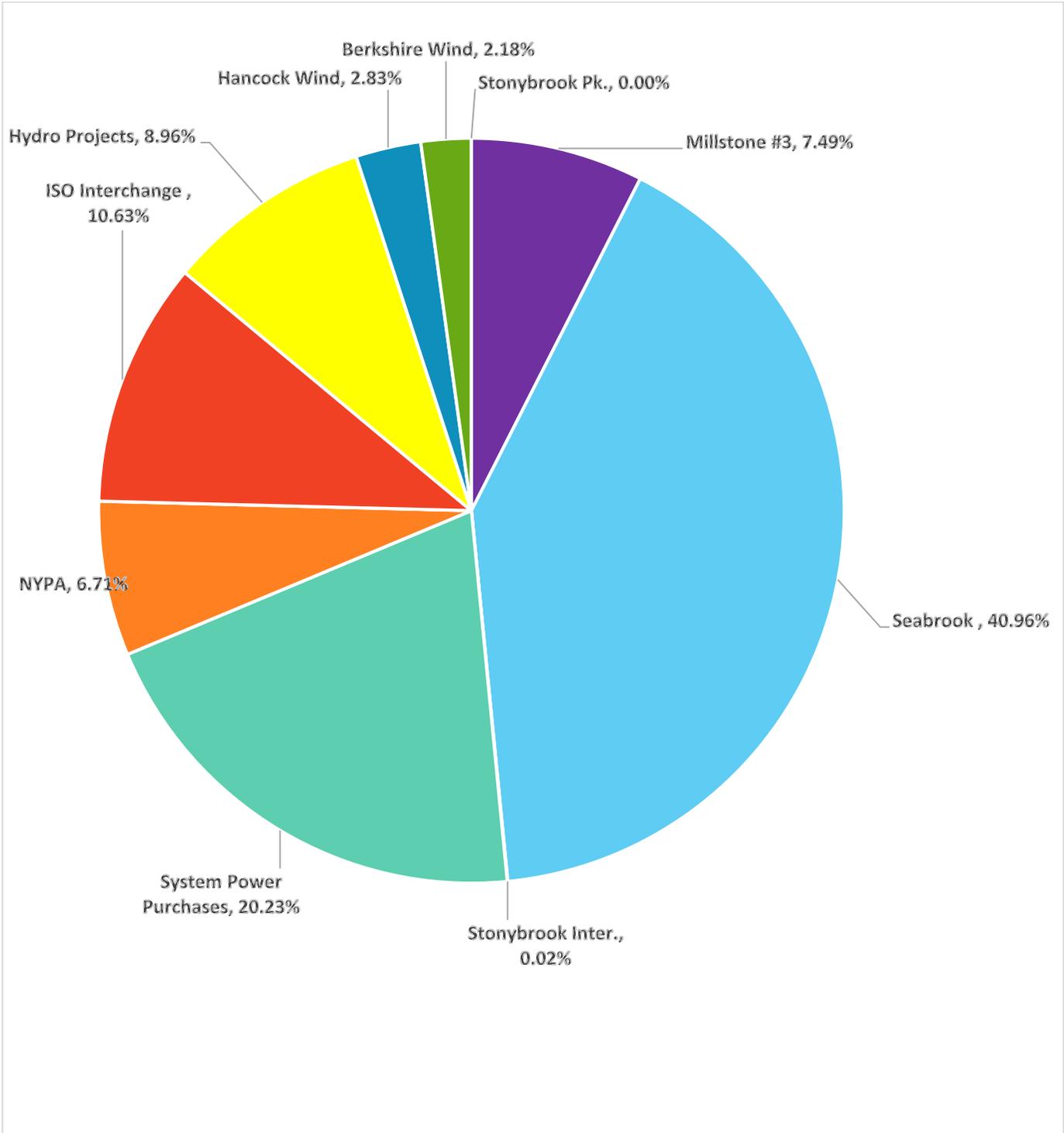
Table 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of Total Energy	Total \$ Costs	\$ as a %
Millstone #3	671,073	\$6.04	7.49%	\$4,054	1.03%
Seabrook	3,671,856	\$4.58	40.96%	\$16,817	4.25%
Stonybrook Intermediate	2,000	\$125.98	0.02%	\$252	0.06%
System Power Purchases	1,813,700	\$80.23	20.23%	\$145,518	36.81%
NYPA	601,850	\$4.92	6.71%	\$2,961	0.75%
ISO Interchange	953,280	\$167.95	10.63%	\$160,107	40.50%
Hydro Projects*	802,977	\$64.96	8.96%	\$52,164	13.20%
Hancock/Berkshire Wind	448,457	\$30.01	5.00%	\$13,460	3.40%
Stonybrook Peaking	0	\$0.00	0.00%	\$0	0.00%
Monthly Total	8,965,193	\$44.10	100.00%	\$395,334	100.00%

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



March Energy by Resource



The HMLD hit a demand of 16,497, which occurred on March 7th 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	21.11	\$18,768	7.21%
Seabrook	4,950	16.70	\$82,664	31.76%
Stonybrook Peaking	4,094	2.48	\$10,146	3.90%
Stonybrook CC	6,733	3.78	\$25,467	9.78%
NYPA	1,034	4.92	\$5,089	1.95%
Hydro Quebec	0	0.00	\$2,024	0.78%
Berkshire Wind	126	322.64	\$40,652	15.62%
ISO-NE Supply Auction	18,382	4.11	\$75,500	29.00%
Total	36,208	7.19	\$260,312	100.00%

TRANSMISSION

The HMLD’s total transmission costs for the month of March 2023 were \$353,354.60.

Rebates

MMWEC’s NextZero program completed 9 residential home energy audits during the month. The total rebates for the month of March were \$3,894.99. HMLD issued \$30.00 in appliance rebates, \$2,100.00 in Cool Home rebates, \$1,500.00 in HEI Rebates and \$264.99 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 March 2023. HMLD collected \$11,830.44 towards past due accounts during March.

Description	60 days	90 days	120 + days	Total
Billings – Electric	\$21,482.44	\$8,608.95	\$25,326.42	\$55,417.81
			Balance 1 year ago:	\$60,865.41



Outages

During the month of March 2023 there were 9 outages. The table below indicates the date of occurrence, the location, cause, time & duration as well as the number of customers affected. On March 14th there were numerous outages due to the winter storm as well.

#	Date	S/U	General Information	Cause	Time & Duration				Customers		
			Address/Location	Description	#	Inths	T off	T on	Mins	# Out	Cust Min
1	3/4/2023	U	Wachusett St	Broken Pole	9	1	3/4/23 12:30 PM	3/4/23 4:00 PM	210	80	16800
2	3/9/2023	S	Shrewsbury St	Pole Transfer	7	1	3/9/23 9:30 AM	3/9/23 1:30 PM	240	14	3360
3	3/15/2023	U	Reservoir St	Tree	5	1	3/15/23 3:00 PM	3/15/23 5:00 PM	120	35	4200
4	3/18/2023	U	Lexington Circle	Chipmunk	4	1	3/18/23 7:30 AM	3/18/23 8:30 AM	60	50	3000
5	3/19/2023	U	Birchwood Dr	Limb on Cutout	5	1	3/19/23 4:00 AM	3/19/23 5:00 AM	60	7	420
6	3/21/2023	S	Laurelwood Rd	National Grid	8	1	3/21/23 8:00 AM	3/21/23 1:00 PM	300	1	300
7	3/26/2023	U	Parquette Wachusett St	Limb	5	1	3/26/23 2:00 PM	3/26/23 3:30 PM	90	1	90
8	3/27/2023	S	Shrewsbury St	Pole Transfer	7	1	3/27/23 9:00 AM	3/27/23 11:00 AM	120	13	1560
9	3/30/2023	S	Jefferson Mill Project Main St	Relocate vault trans pad Rework riser pole	7	1	3/30/23 8:45 AM	3/30/23 7:30 PM	645	50	32250

Sales

Description	March 2023	March 2022	Variance	%
Metered Load	8,964,650	9,109,533	-144,883	2%
Billings – kWh sales	9,379,689	9,120,012	259,677	3%
Billings – Electric Sales	\$1,864,492.42	\$897,182.65	\$967,309.77	52%
Accounts Billed	8,299	8,281	18	.22%

Financials

See Attachments