



To: Peter Lukes

From: Barry Tupper

Date: March 3, 2022

Subject: HMLD Monthly Report – January 2022

Power Supply

ENERGY

The HMLD's total metered load for the month of January 2022 was 10,692,733 kWhs, which is a 4.0% increase from the January 2021 figures. HMLD's load is up approximately 4.0% year to date.

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

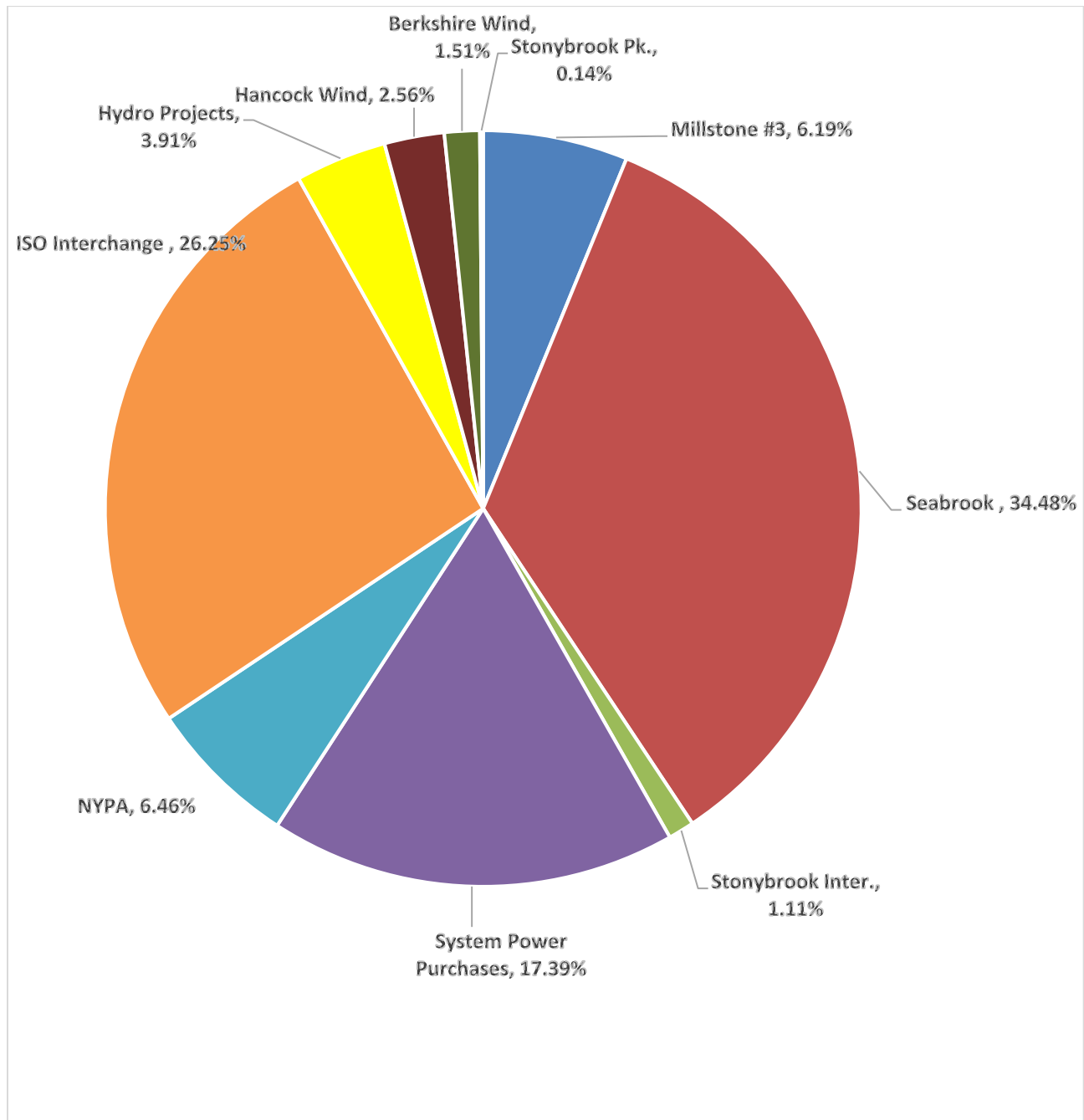
Table 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of Total Energy	Total \$ Costs	\$ as a %
Millstone #3	673,338	\$6.04	7.47%	\$4,068	0.96%
Seabrook	3,688,586	\$4.53	40.95%	\$16,695	3.95%
Stonybrook Intermediate	690,993	\$157.77	7.67%	\$109,018	25.77%
System Power Purchases	1,989,600	\$99.30	22.09%	\$197,575	46.71%
NYPA	573,490	\$4.92	6.37%	\$2,820	0.67%
ISO Interchange	207,930	\$60.73	2.31%	\$12,627	2.98%
Hydro Projects*	601,681	\$74.15	6.68%	\$44,613	10.55%
Hancock/Berkshire Wind	478,760	\$22.64	5.31%	\$10,837	2.56%
Stonybrook Peaking	103,740	\$238.81	1.15%	\$24,774	5.86%
Monthly Total	9,008,118	\$46.96	100.00%	\$423,026	100.00%

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



January 2022 ENERGY BY RESOURCE





CAPACITY

The HMLD hit a demand of 20,586 kW, which occurred on January 11, at 7pm. The HMLD's monthly UCAP requirement for January 2022 was 35,862 kW.

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	\$18,778	7.22%
Seabrook	4,949	16.71	\$82,686	31.77%
Stonybrook Peaking	4,094	2.50	\$10,229	3.93%
Stonybrook CC	6,733	3.81	\$25,632	9.85%
NYPA	1,034	4.67	\$4,826	1.85%
Hydro Quebec	0	0.00	\$1,928	0.74%
Berkshire Wind	122	333.21	\$40,652	15.62%
ISO-NE Supply Auction	18,217	4.15	\$75,515	29.02%
Total	36,038	7.22	\$260,247	100.00%

TRANSMISSION

The HMLD's total transmission costs for the month of January 2022, were \$280,267

Rebates



MMWEC's HELP program completed 2 residential home energy audits during the month of January 2022. Additionally, HMLD issued \$280 in appliance rebates, \$4,550 in Cool Home rebates, \$214 for Wi-Fi Thermostats and \$2,450 for Home Efficiency Incentive Rebates (HEI). 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 2022.

Description	60 days	90 days	90 + days	Total
Billings – Electric	\$15,592	\$7,455	\$24,202	\$47,249
			Balance 1 year ago:	\$101,237

Outages

During the month of January 2022, there were 8 outages. The table below indicates the date of occurrence, the location, cause, time & duration as well as the number of customers affected.

#	Date	S/U	Address/Location	Cause Description	Time & Duration				Customers		
					#	Ints	T off	T on	Mins	# Out	Cust Min
1	1/4/2022	U	Stoneleigh Rd	T & B Cibnnection -Bad	1	1	1/4/2022 14:30	1/4/2022 15:30	60	1	60
2	1/12/2022	U	Manning St	Squirrel	4	1	1/12/2022 14:30	1/12/2022 16:00	90	2	180
3	1/17/2022	U	Main St	Plow truck hit pole knocking fuse out	10	1	1/17/2022 23:30	1/18/2022 0:45	75	4	300
4	1/26/2022	U	1745 Main St Jeff School	Faulted URD Primary Cable	2	1	1/26/2022 15:00	1/27/2022 0:00	540	1	540
5	1/27/2022	U	January Lane	Frozen pipe caused bad wire	1	1	1/27/2022 19:00	1/28/2022 0:00	300	9	2700
6	1/28/2022	U	1745 Main St Jeff School	Re terminated and re-energized primary URD	2	1	1/28/2022 0:00	1/28/2022 2:00	120	1	120
7	1/29/2022	U	750 Malden St	Wind broke tap wire	3	1	1/29/2022 11:30	1/29/2022 13:00	90	1	90
8	1/31/2022	U	64 Boyden Rd	Primary frozen in riser	1	1	1/31/2022 7:40	1/31/2022 15:00	440	1	440



Sales

Description	January, 2022	January, 2021	Variance	%
Metered Load	10,692,733	10,279,034	413,699	4.0%
Billings – kWh sales	9,120,012	9,472,186	(352,174)	(3.7 %)
Billings – Electric Sales	\$1,362,001	\$1,313,193	\$48,808	3.7%
Accounts Billed	8,291	8,263	28	0.3%

Financial

See Attachments