



To: Peter Lukes

From: Barry Tupper

Date: January 24, 2024

Subject: HMLD Monthly Report – December 2023 Draft

Power Supply

ENERGY

The HMLD's total metered load for the month of December 2023 was 9,422,951 kWhs, which is a 8.2% decrease from the December 2022 figures.

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

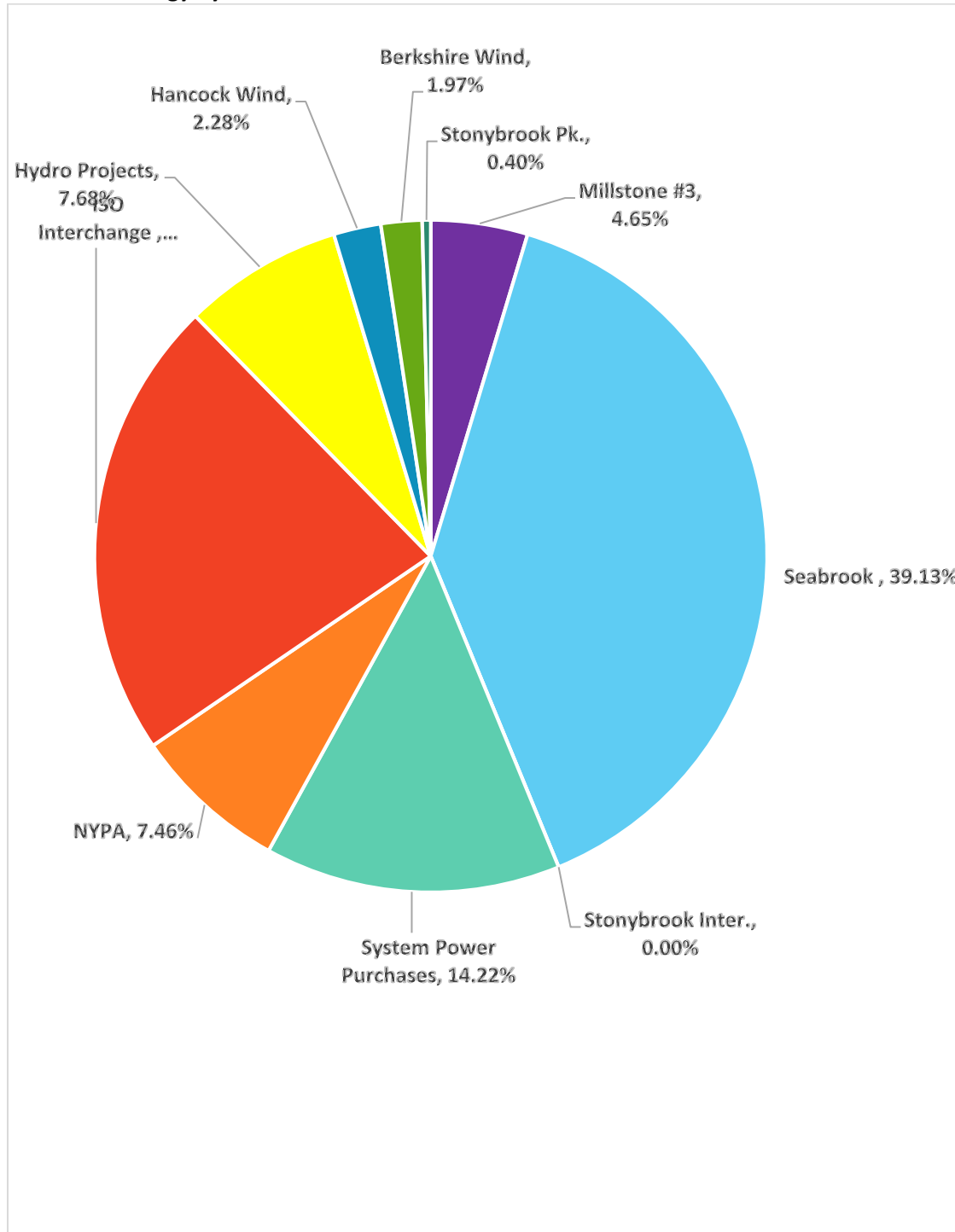
Table 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of To- tal Energy	Total \$ Costs	\$ as a %
Millstone #3	438,624	\$4.15	4.65%	\$1,819	0.62%
Seabrook	3,687,752	\$4.53	39.13%	\$16,706	5.66%
Stonybrook Intermediate	0	\$0.00	0.00%	-\$2	0.00%
System Power Purchases	1,340,000	\$53.12	14.22%	\$71,174	24.10%
NYPA	703,121	\$4.92	7.46%	\$3,459	1.17%
ISO Interchange	2,091,070	\$62.67	22.19%	\$131,041	44.37%
Hydro Projects*	724,091	\$67.43	7.68%	\$48,829	16.53%
Hancock/Berkshire Wind	400,463	\$28.96	4.25%	\$11,596	3.93%
Stonybrook Peaking	38,157	\$280.47	0.40%	\$10,702	3.62%
Monthly Total	9,423,278	\$31.34	100.00%	\$295,323	100.00%

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



December Energy by Resource



The HMLD hit a demand of 17,563, which occurred on December 22nd 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	\$21.88	\$19,455	7.33%
Seabrook	4,950	\$18.81	\$93,091	35.09%
Stonybrook Peaking	4,094	\$2.89	\$11,821	4.46%
Stonybrook CC	6,733	\$4.15	\$27,915	10.52%
NYP&A	1,034	\$0.88	\$909	0.34%
Hydro Quebec	0	\$0.00	-\$5,078	-1.91%
Berkshire Wind	126	\$411.06	\$51,794	19.52%
ISO-NE Supply Auction	18,382	\$3.56	\$65,390	24.65%
Total	36,208	\$7.33	\$265,295	100.00%

TRANSMISSION

The HMLD's total transmission costs for the month of December 2023 were \$271,452.83.

Rebates

MMWEC's NextZero program completed 7 residential home energy audits during the month of December. The total rebates for the month of December were \$14,058.20 HMLD issued \$2,570.04 in appliance rebates, \$9,625 in cool home rebates, \$159.50 in wi-fi thermostats and \$1,703.66 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 December 2023. In December, HMLD processed the electric liens which totaled \$29,914.81.

Description	60 days	90 days	120 + days	Total
Billings – Electric	\$15,075.07	\$7,103.57	\$11,845.64	\$34,024.28
			Balance 1 year ago:	\$39,811.75



Outages

During the month of December 2023 there were 2 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	12/18/2023	U	Reservoir St Towle Dr	Broken Lightning Arrester	1	1	12/18/23 2:00 AM	12/18/23 3:00 AM	60	150	9000
2	12/17/2023	U	Main St	Broken Cutout	1	1	12/17/23 9:30 PM	12/17/23 10:30 PM	60	8	480

Sales

Description	December 2023	December 2022	Variance	%
Metered Load	9,422,951	10,196,223	-773,272	8.2%
Billings – kWh sales	9,255,035	8,479,592	775,443	8.4%
Billings – Electric Sales	\$1,490,036.69	\$1,650,372.29	\$160,335.60	-10%
Accounts Billed	8,364	8,308	56	.7%

Financials

See Attachments