



To: Peter Lukes

From: Barry Tupper

Date: January 26, 2022

Subject: HMLD Monthly Report – December 2022

Power Supply

ENERGY

The HMLD's total metered load for the month of December 2022 was 10,196,223 kWhs, which is a 3% increase from the December 2021 figures. November and December 2022 did have estimated load for the Chaffins Substation meter and will be resettled in the upcoming months. HMLD's load is up approximately 1% from 2022 to 2021.

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

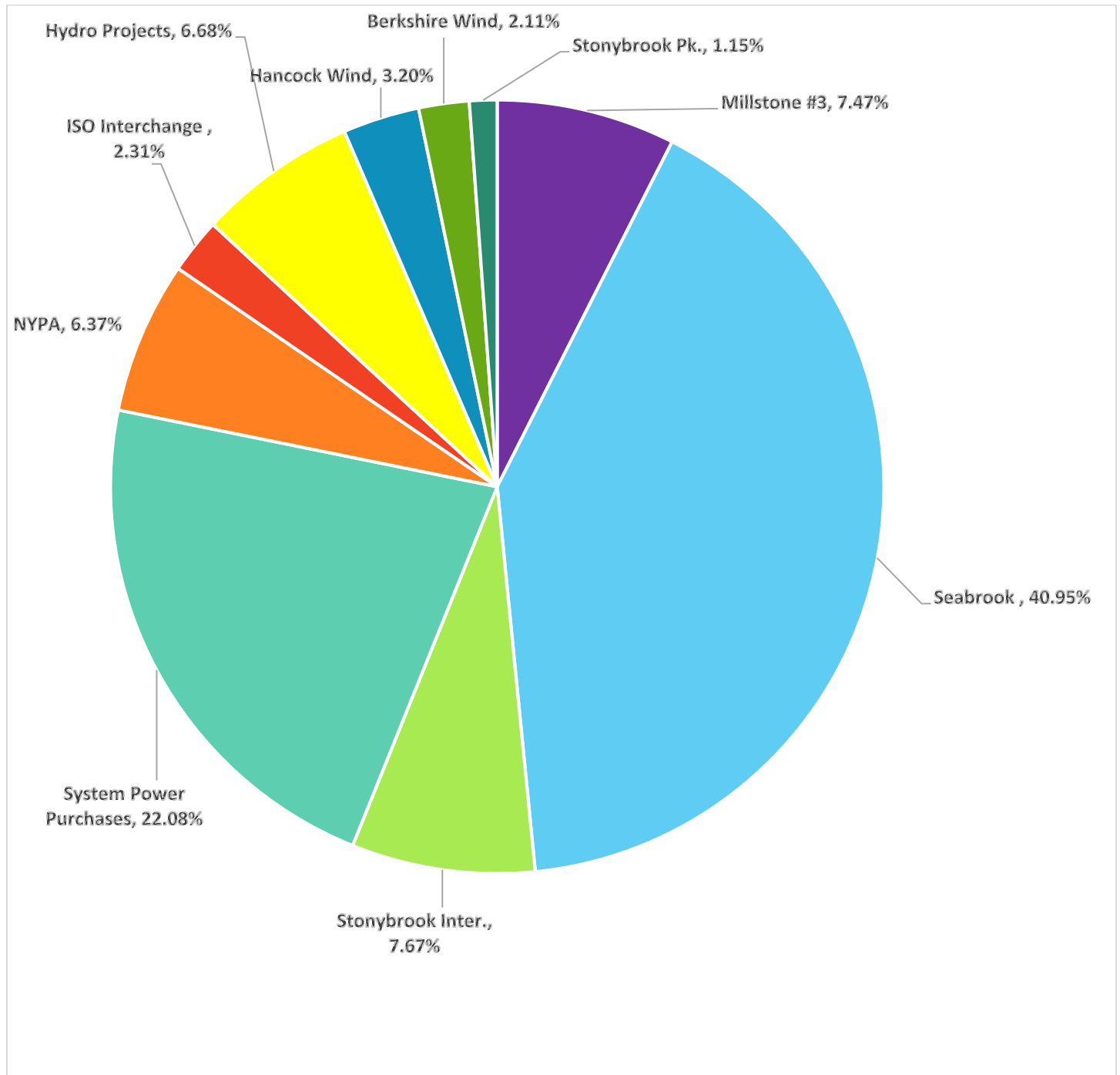
Table 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of To- tal Energy	Total \$ Costs	\$ as a %
Millstone #3	673,338	\$6.04	7.47%	\$4,068	0.96%
Seabrook	3,689,489	\$4.52	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	22.08%	\$197,575	46.71%
NYP&A	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	9,009,021	\$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 Hy-dros**



December 2022 ENERGY BY RESOURCE



The HMLD hit a demand of 19,364, which occurred on December 24th at 18:00.



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%
NYP&A	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 December 2022 were \$226,852.58.

Rebates

MMWEC's NextZero program completed 5 residential home energy audits during the month of December 2022. The total rebates for the month of December were \$4,322.00. HMLD issued \$840.00 in appliance rebates, \$1,600.00 in Cool Home rebates, and HEI rebates of \$1,882.00. 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 December 2022. Liens were issued at the end of November totaling \$10,059.94.

Description	60 days	90 days	120 + days	Total
Billings – Electric	\$16,368.97	\$8,157.32	\$37,487.57	\$62,013.86
			Balance 1 year ago:	\$39,811.75

Outages

During the month of December 2022, there were 3 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	012/23/22	U	town wide	wind	3	1	12/23/22 4:00 PM	12/23/22 9:00 PM	300	500	150000
3	012/26/22	U	Bullard St	Box truck hit wires		1	12/26/22 1:20 PM	12/26/22 2:00 PM	40	8	320
4	012/30/22	U	Birchwood Dr	Squirell	4	1	12/30/22 8:00 AM	12/30/22 9:00 AM	60	8	480



Sales

Description	December 2022	December 2021	Variance	%
Metered Load	10,196,223	9,890,246	305,977	3
Billings – kWh sales	8,479,592	9,006,461	-526,869	6.2
Billings – Electric Sales	\$1,650,372.29	\$1,274,064.21	\$376,308.08	22.8
Accounts Billed	8,308	8,286	22	.26

Financials

See Attachments