



To: Peter Lukes

From: Barry Tupper

Date: September 28th, 2023

Subject: HMLD Monthly Report – September 2023

Power Supply

ENERGY

The HMLD's total metered load for the month of September 2023 was 9,205,511 kWhs, which is a 11.7% increase from the September 2022 figures.

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

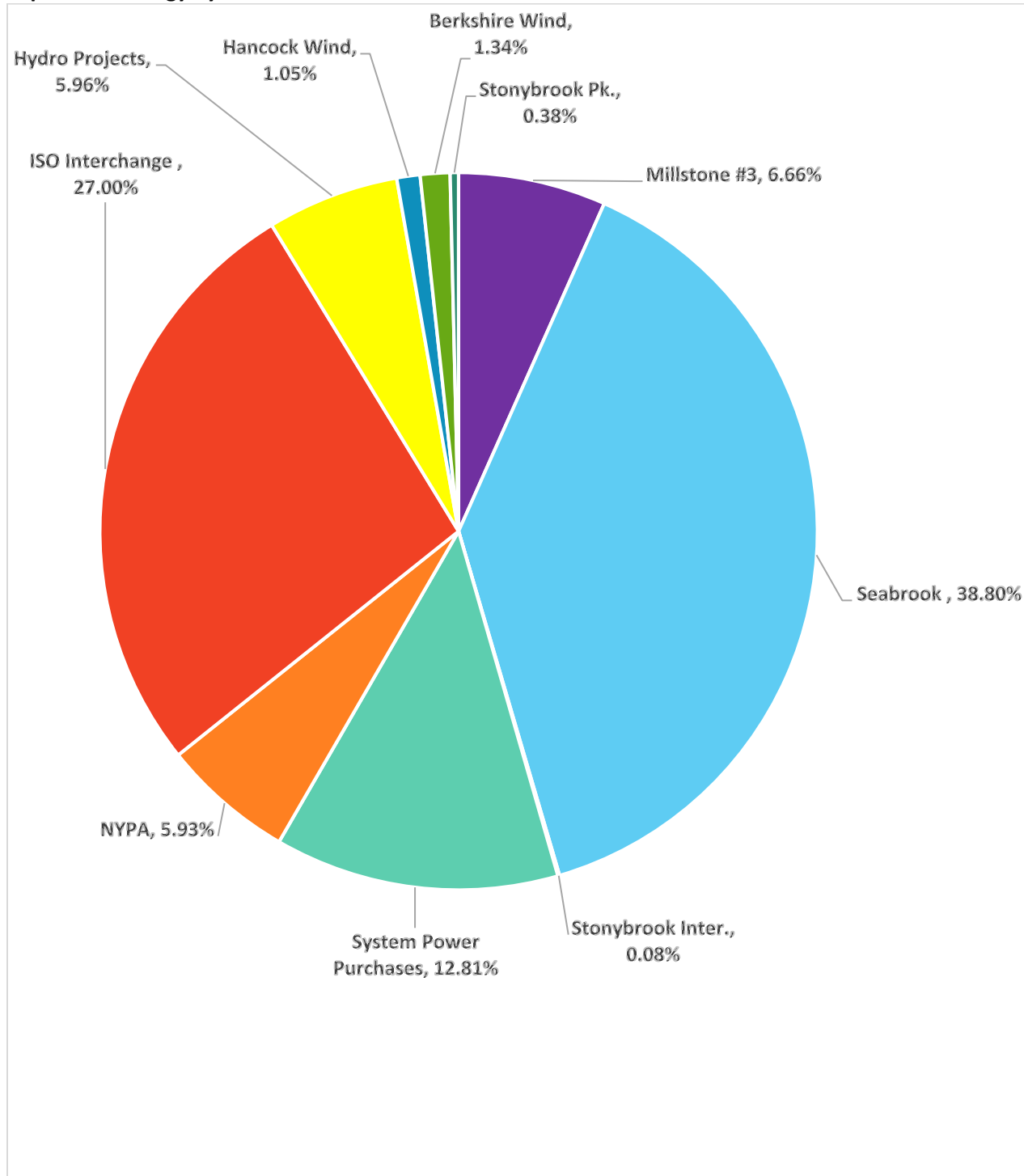
Table 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of To- tal Energy	Total \$ Costs	\$ as a %
Millstone #3	611,186	\$6.04	6.66%	\$3,692	1.54%
Seabrook	3,562,192	\$4.53	38.80%	\$16,137	6.75%
Stonybrook Intermediate	6,991	\$125.21	0.08%	\$875	0.37%
System Power Purchases	1,176,000	\$39.93	12.81%	\$46,963	19.64%
NYP&A	544,840	\$4.92	5.93%	\$2,681	1.12%
ISO Interchange	2,478,850	\$50.42	27.00%	\$124,983	52.26%
Hydro Projects*	547,008	\$52.90	5.96%	\$28,937	12.10%
Hancock/Berkshire Wind	219,211	\$24.02	2.39%	\$5,266	2.20%
Stonybrook Peaking	34,531	\$279.25	0.38%	\$9,643	4.03%
Monthly Total	9,180,809	\$26.05	100.00%	\$239,178	100.00%

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



September Energy by Resource



The HMLD hit a demand of 24,399, which occurred on September 7th at 5:00pm.



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	\$21.85	\$19,427	7.59%
Seabrook	4,950	\$18.81	\$93,096	36.39%
Stonybrook Peaking	4,094	\$2.92	\$11,974	4.68%
Stonybrook CC	6,733	\$4.17	\$28,088	10.98%
NYP&A	1,034	\$4.52	\$4,679	1.83%
Hydro Quebec	0	\$0.00	-\$5,310	-2.08%
Berkshire Wind	126	\$322.92	\$40,688	15.90%
ISO-NE Supply Auction	18,382	\$3.44	\$63,182	24.70%
Total	36,208	\$7.07	\$255,824	100.00%

TRANSMISSION

The HMLD's total transmission costs for the month of September 2023 were \$282,526.59

Rebates

MMWEC's NextZero program completed 7 residential home energy audits during the month of September. The total rebates for the month of September were \$14,706.03. HMLD issued \$1,745.00 in appliance rebates, \$10,000.00 in cool home rebates, \$2,836.03 in HEI Rebates and \$125.00 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 September 2023. In September, \$24,115.26 of the past due balance are protected accounts that cannot be shutoff.

Description	60 days	90 days	120 + days	Total
Billings – Electric	7,847.71	\$2,624.93	\$43,021.85	\$53,494.49
			Balance 1 year ago:	\$44,775.97



Outages

During the month of September 2023 there were 6 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	9/4/2023	U	Reservoir St	Accident Car	10	1	9/4/23 5:00 AM	9/4/23 10:15 AM	315	30	9450
2	9/16/2023	U	Princeton St	Tree	5	1	9/16/23 2:00 PM	9/16/23 5:00 PM	180	4	720
3	9/16/2023	U	Diamond Hill	Tree	5	1	9/16/23 2:30 PM	9/16/2023 15:30	60	1	60
4	9/18/2023	U	Mixer Rd	Tree	5	1	9/18/23 8:15 AM	9/18/23 9:00 AM	45	23	1035
5	9/26/2023	S	Mixer Rd	Pole Transfer	7	1	9/26/23 11:15 AM	9/26/23 12:15 PM	60	5	300
6	9/27/2023	U	Kenwood Rd	Tree	5	1	9/27/23 2:00 PM	9/27/23 3:30 PM	90	8	720

Sales

Description	September 2023	September 2022	Variance	%
Metered Load	9,205,511	8,243,959	961,552	11.7%
Billings – kWh sales	10,047,639	9,842,166	205,473	2.1\$
Billings – Electric Sales	\$1,956,524.98	\$1,654,529.18	\$301,995.80	18.3%
Accounts Billed	8,380	8,313	67	.8%

Financials

See Attachments