



To: Peter Lukes

From: Barry Tupper

Date: August 29th, 2023

Subject: HMLD Monthly Report – July 2023

Power Supply

ENERGY

The HMLD's total metered load for the month of July 2023 was 11,141,844 kWhs, which is a 3% decrease from the July 2022 figures.

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

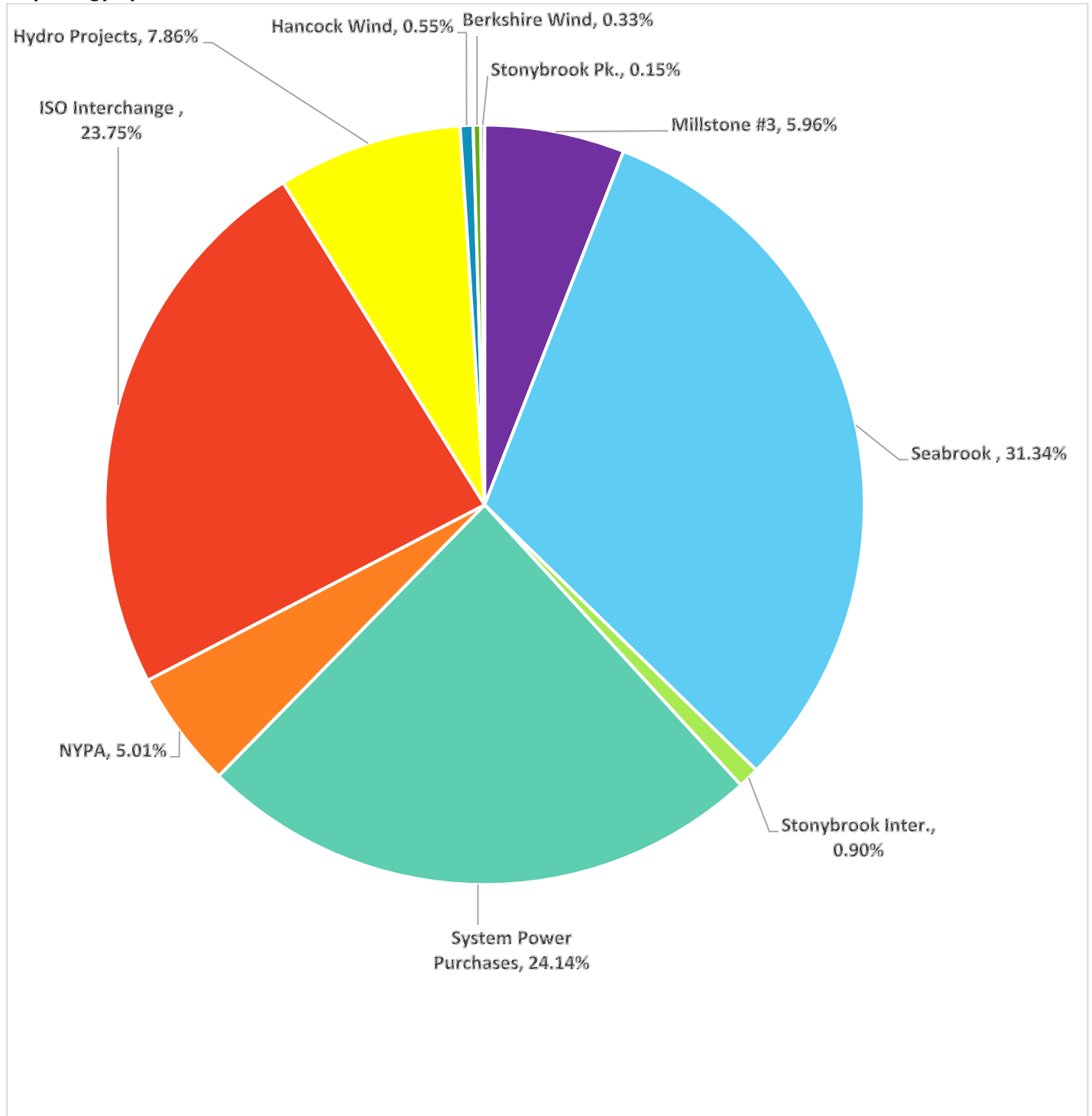
Table 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of To- tal Energy	Total \$ Costs	\$ as a %
Millstone #3	651,795	\$6.04	5.96%	\$3,937	1.01%
Seabrook	3,425,934	\$4.66	31.34%	\$15,978	4.10%
Stonybrook Intermediate	98,470	\$151.65	0.90%	\$14,933	3.83%
System Power Purchases	2,638,400	\$49.24	24.14%	\$129,909	33.31%
NYP&A	547,481	\$4.92	5.01%	\$2,694	0.69%
ISO Interchange	2,595,980	\$63.55	23.75%	\$164,985	42.30%
Hydro Projects*	859,533	\$57.64	7.86%	\$49,546	12.70%
Hancock/Berkshire Wind	95,481	\$33.86	0.87%	\$3,233	0.83%
Stonybrook Peaking	16,855	\$285.59	0.15%	\$4,814	1.23%
Monthly Total	10,929,929	\$35.68	100.00%	\$390,028	100.00%

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



July Energy by Resource



The HMLD hit a demand of 22,579, which occurred on July 6th at 8:00pm.



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	\$21.89	\$19,463	7.61%
Seabrook	4,950	\$18.82	\$93,132	36.42%
Stonybrook Peaking	4,094	\$2.93	\$12,015	4.70%
Stonybrook CC	6,733	\$4.19	\$28,189	11.02%
NYP&A	1,034	\$4.63	\$4,787	1.87%
Hydro Quebec	0	\$0.00	-\$5,441	-2.13%
Berkshire Wind	126	\$322.92	\$40,688	15.91%
ISO-NE Supply Auction	18,382	\$3.42	\$62,905	24.60%
Total	36,208	\$7.06	\$255,737	100.00%

TRANSMISSION

The HMLD's total transmission costs for the month of July 2023 were \$246,296.56.

Rebates

MMWEC's NextZero program completed 5 residential home energy audits during the month of July. The total rebates for the month of July were \$5,621.50. HMLD issued \$765.00 in appliance rebates, \$3,125.00 in cool home rebates, \$1,500.00 in HEI Rebates and \$231.50 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 July 2023. In July, \$21,182.78 of the past due balance are protected accounts that cannot be shutoff.

Description	60 days	90 days	120 + days	Total
Billings – Electric	\$8,875.85	\$3,937.34	\$39,017.99	\$51,831.18
			Balance 1 year ago:	\$49,042.81



Outages

During the month of July 2023 there were 10 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	7/7/2023	S	Wachusett St	Pole Transfer	8	1	7/7/23 10:00 AM	7/7/23 1:30 PM	210	10	2100
2	7/7/2023	U	Muschopauge	Bad Trans	1	1	7/7/23 7:30 AM	7/7/23 10:00 AM	150	1	150
3	7/15/2023	U	Newell Rd	Tree	5	1	7/15/23 11:00 PM	7/16/23 1:30 AM	150	300	45000
4	7/16/2023	U	Reservoir St	Vines	5	1	7/16/23 6:15 AM	7/16/23 7:30 AM	75	1	75
5	7/19/2023	U	Reservoir St	MVA	10	1	7/19/23 12:30 AM	7/19/23 3:00 AM	150	17	2550
6	7/18-19/23	S	Main St	Transformer Change out	1	1	7/18/23 11:00 PM	7/19/23 3:30 AM	270	7	1890
7	7/19/2023	U	Main St Holden Hills Club House	Unknown	9	1	7/19/23 12:00 PM	7/19/23 1:00 PM	60	1	60
8	7/23/2023	U	Chapel St	Lightning	3	1	7/23/23 12:00 PM	7/23/23 1:30 PM	90	1	90
9	7/29/2023	U	Parker Ave	Braches	5	1	7/29/23 8:00 PM	7/29/23 9:00 PM	60	200	12000
10	7/30/2023	U	Salisbury St	Vines	5	1	7/30/23 4:00 PM	7/30/23 5:00 PM	60	10	600

Sales

Description	July 2023	July 2022	Variance	%
Metered Load	8,894,403	11,457,142	-315,298	-3%
Billings – kWh sales	8,976,662	9,679,210	-702,548	-8%
Billings – Electric Sales	\$1,757,214.90	\$1,622,108.60	\$135,106.30	8%
Accounts Billed	8,343	8,302	41	.49%

Financials

See Attachments