



To: Peter Lukes

From: Barry Tupper

Date: June 22<sup>nd</sup>, 2023

Subject: HMLD Monthly Report – May 2023

## **Power Supply**

### **ENERGY**

The HMLD's total metered load for the month of May 2023 was 7,774,825 kWhs, which is a 9% decrease from the May 2022 figures.

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

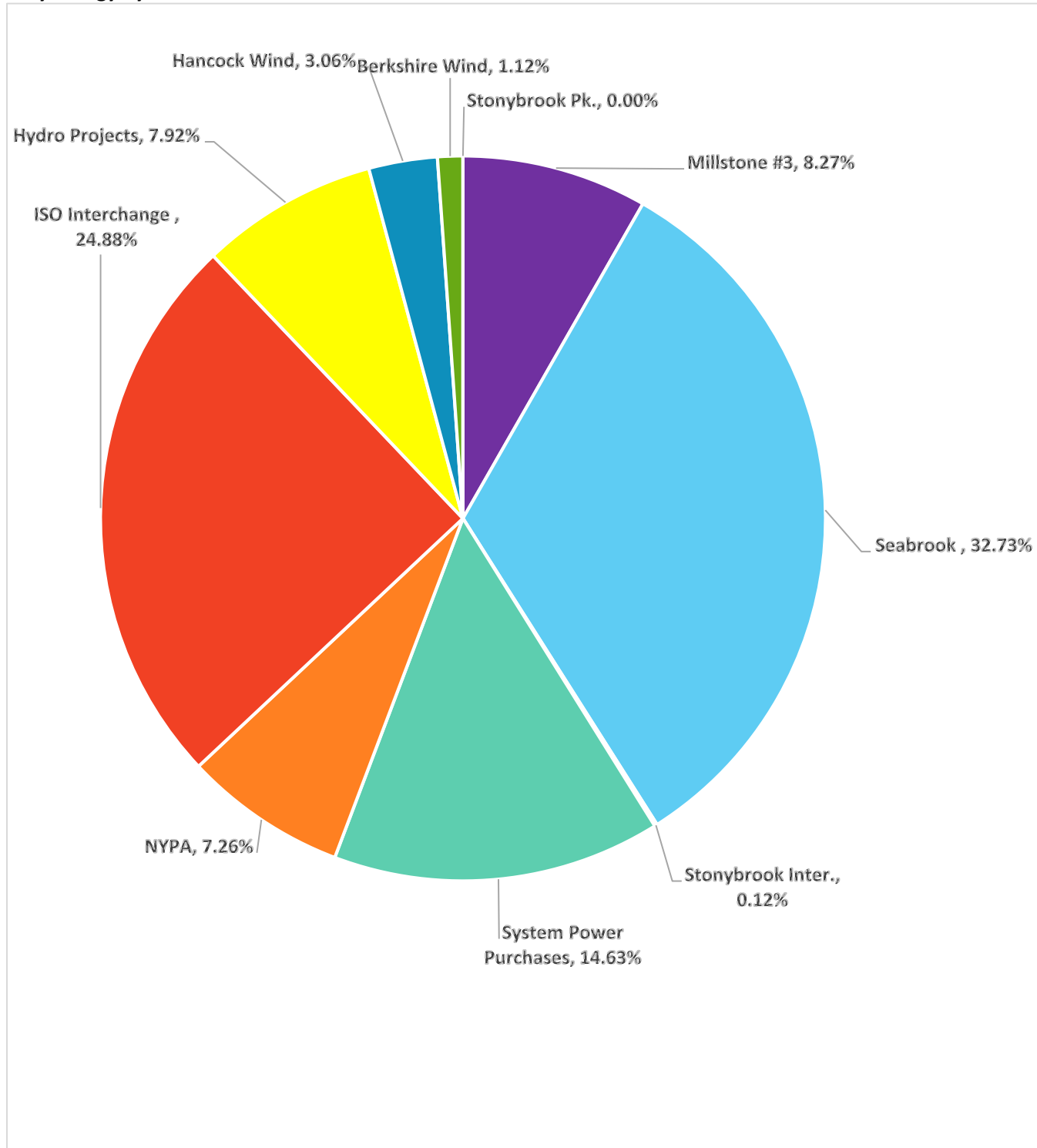
**Table 1**

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of To- tal Energy	Total \$ Costs	\$ as a %
Millstone #3	630,907	\$6.04	8.27%	\$3,811	1.84%
Seabrook	2,497,196	\$4.53	32.73%	\$11,312	5.46%
Stonybrook Intermediate	9,150	\$96.65	0.12%	\$884	0.43%
System Power Purchases	1,116,000	\$39.60	14.63%	\$44,194	21.35%
NYPA	553,950	\$4.92	7.26%	\$2,725	1.32%
ISO Interchange	1,898,310	\$51.02	24.88%	\$96,852	46.78%
Hydro Projects*	604,153	\$57.33	7.92%	\$34,639	16.73%
Hancock/Berkshire Wind	319,191	\$39.51	4.18%	\$12,612	6.09%
Stonybrook Peaking	0	\$0.00	0.00%	\$0	0.00%
Monthly Total	7,628,857	\$27.14	100.00%	\$207,029	100.00%

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



### May Energy by Resource



The HMLD hit a demand of 14,482, which occurred on May 31<sup>st</sup> at 7:00pm.



Table 3 shows the sources of capacity that the HMLD utilized to meet its requirements.

**Table 3**

<b>Source</b>	<b>Amount (kW)</b>	<b>Cost (\$/kW- month)</b>	<b>Total Cost \$</b>	<b>% of Total Cost</b>
Millstone #3	889	20.70	\$18,405	7.08%
Seabrook	4,950	16.69	\$82,619	31.79%
Stonybrook Peaking	4,094	2.52	\$10,298	3.96%
Stonybrook CC	6,733	3.82	\$25,726	9.90%
NYP&A	1,034	4.57	\$4,722	1.82%
Hydro Quebec	0	0.00	\$1,932	0.74%
Berkshire Wind	126	322.64	\$40,652	15.64%
ISO-NE Supply Auction	18,382	4.11	\$75,528	29.06%
<b>Total</b>	<b>36,208</b>	<b>7.18</b>	<b>\$259,881</b>	<b>100.00%</b>

### **TRANSMISSION**

The HMLD's total transmission costs for the month of May 2023 were \$200,428.21.

### **Rebates**

MMWEC's NextZero program completed 4 residential home energy audits during the month of May. The total rebates for the month of May were \$16,250. HMLD issued \$1,295.00 in appliance rebates, \$14,225.00 in cool home rebates, \$500.00 in HEI Rebates and \$230.00 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 May 2023.

<b>Description</b>	<b>60 days</b>	<b>90 days</b>	<b>120 + days</b>	<b>Total</b>
Billings – Electric	\$9,941.77	\$11,799.40	\$25,503.26	\$47,244.43
			Balance 1 year ago:	\$46,553.62



### Outages

During the month of May 2023 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	5/19/2023	U	Mason Road	Tree	5	1	5/19/23 5:30 PM	5/19/23 7:00 PM	90	150	13500
2	5/31/2023	S	Quinapoxet St	Transfer URD to new pole	7	1	5/31/23 8:30 AM	5/31/23 11:00 AM	150	23	3450
3	5/31/2023	U	Brunell Avery Heights	Squirrel	4	1	5/31/23 5:45 AM	5/31/23 6:15 AM	30	20	600

### Sales

Description	May 2023	May 2022	Variance	%
Metered Load	7,774,825	8,610,629	835,804	-9%
Billings – kWh sales	9,727,543	7,265,850	2,461,693	25%
Billings – Electric Sales	\$1,344,178.99	\$844,518.79	499,660.20	37%
Accounts Billed	8,308	8,299	9	.01%

### Financials

See Attachments