



To: Peter Lukes

From: Barry Tupper

Date: November 22<sup>nd</sup>, 2022

Subject: HMLD Monthly Report – October 2022

## **Power Supply**

### **ENERGY**

The HMLD's total metered load for the month of October 2022 was 8,182,304 kWhs, which is a 1.5% decrease from the October 2021 figures. HMLD's load is up approximately 1% year to date.

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

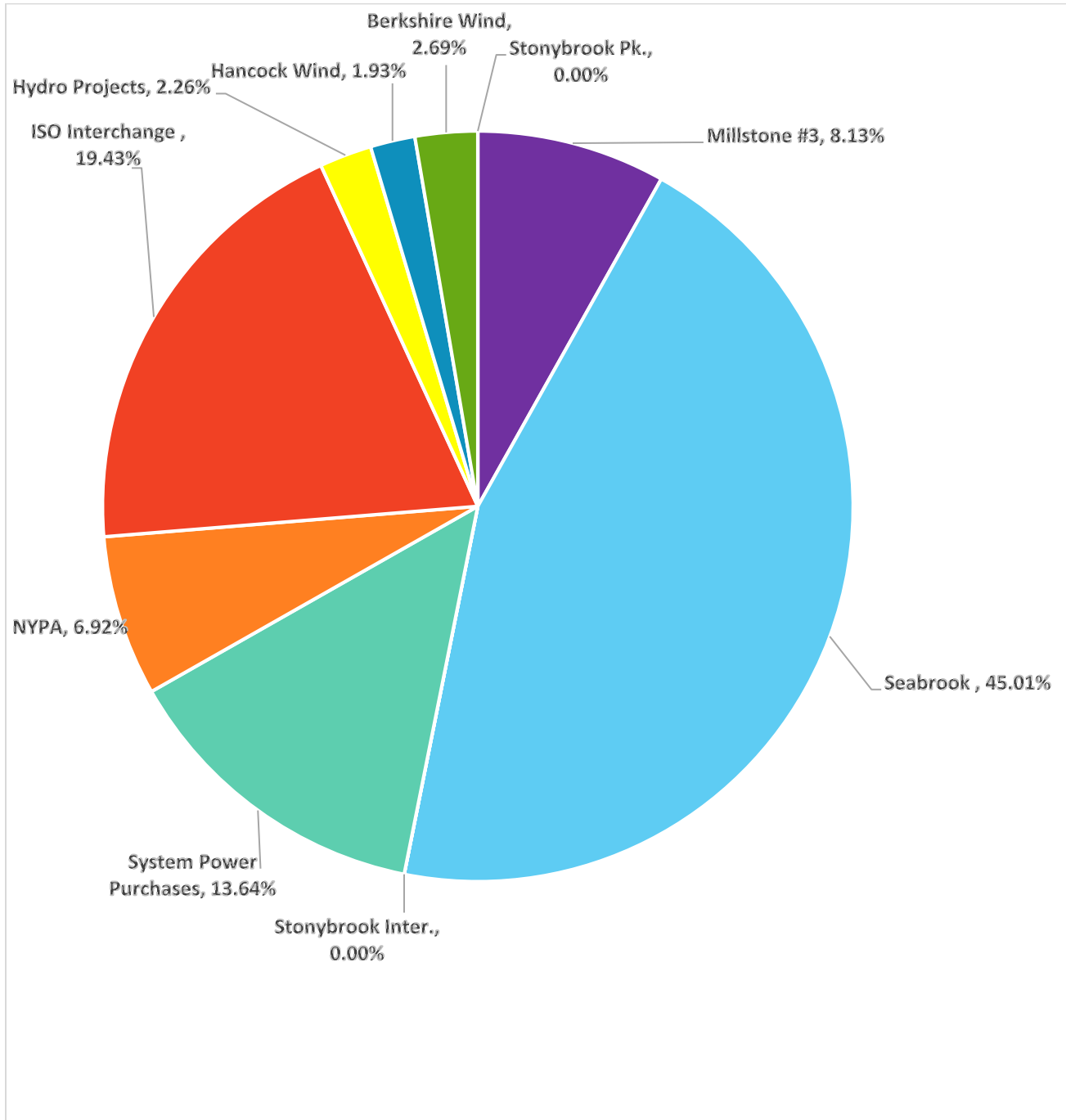
**Table 1**

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of To- tal Energy	Total \$ Costs	\$ as a %
Millstone #3	665,416	\$6.04	8.13%	\$4,020	1.92%
Seabrook	3,683,285	\$4.58	45.01%	\$16,869	8.06%
Stonybrook Intermediate	85	\$636.94	0.00%	\$54	0.03%
System Power Purchases	1,116,000	\$39.27	13.64%	\$43,822	20.93%
NYP&A	566,430	\$4.92	6.92%	\$2,787	1.33%
ISO Interchange	1,589,650	\$80.41	19.43%	\$127,829	61.06%
Hydro Projects*	184,527	\$31.10	2.26%	\$5,738	2.74%
Hancock/Berkshire Wind	377,489	\$21.84	4.61%	\$8,244	3.94%
Stonybrook Peaking	0	\$0.00	0.00%	\$0	0.00%
Monthly Total	8,182,882	\$25.59	100.00%	\$209,364	100.00%

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



## October 2022 ENERGY BY RESOURCE



The HMLD hit a demand of 14,750 kW, which occurred on October 31<sup>st</sup> at 7:00pm. The HMLD's monthly UCAP requirement for August 2022 was 36,038 kW.



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

**Table 3**

Source	Amount (kWs)	Cost (\$/kW-month)	Total Cost \$	% of Total Cost
Millstone #3	889	21.07	\$18,734	7.32%
Seabrook	4,949	16.70	\$82,660	32.30%
Stonybrook Peaking	4,094	2.26	\$9,268	3.62%
Stonybrook CC	6,733	3.58	\$24,114	9.42%
NYPA	1,034	2.88	\$2,973	1.16%
Hydro Quebec	0	0.00	\$2,267	0.89%
Berkshire Wind	122	330.84	\$40,363	15.77%
ISO-NE Supply Auction	18,217	4.15	\$75,573	29.53%
Total	36,038	7.10	\$255,951	100.00%

### **TRANSMISSION**

The HMLD's total transmission costs for the month of October 2022 were \$247,510.98.

### **Rebates**

MMWEC's NextZero program completed 5 residential home energy audits during the month of October 2022. The total rebates for the month of October were \$4,180.50. HMLD issued \$610.00 in appliance rebates, \$2,800.00 in Cool Home rebates, HEI rebates of \$500.00. and wi-fi thermostat rebates of \$270.50 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 2022.

Description	60 days	90 days	120 + days	Total
Billings – Electric	\$10,474.99	\$2,857.84	\$30,673.98	\$44,006.81
			Balance 1 year ago:	\$40,814.46

### **Outages**

During the month of October 2022, there was 1 outage. 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/L	Address/Location	Description	#	Ints	T off	T on	Mins	# Out	Cust Min
1	10/5/2022	U	114 Elmwood Ave	limb on transformer	5	1	10/5/22 9:00 AM	10/5/22 10:00 AM	60	1	60



### **Sales**

<b>Description</b>	<b>October 2022</b>	<b>October 2021</b>	<b>Variance</b>	<b>%</b>
Metered Load	8,182,304	8,309,857	-127,553	-1.5
Billings – kWh sales	7,338,031	8,104,928	-766,897	-9.4
Billings – Electric Sales	\$1,399,971.13	\$1,113,260	\$286,711.13	25.7
Accounts Billed	8,301	8,293	8	0

### **Financials**

See Attachments