



To: Peter Lukes

From: Barry Tupper

Date: June 21, 2022

Subject: HMLD Monthly Report – May 2022

## **Power Supply**

### **ENERGY**

The HMLD's total metered load for the month of May 2022 was 8,610,629 kWhs, which is a 7.59% increase from the May 2021 figures. HMLD's load is up approximately 2% year to date.

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

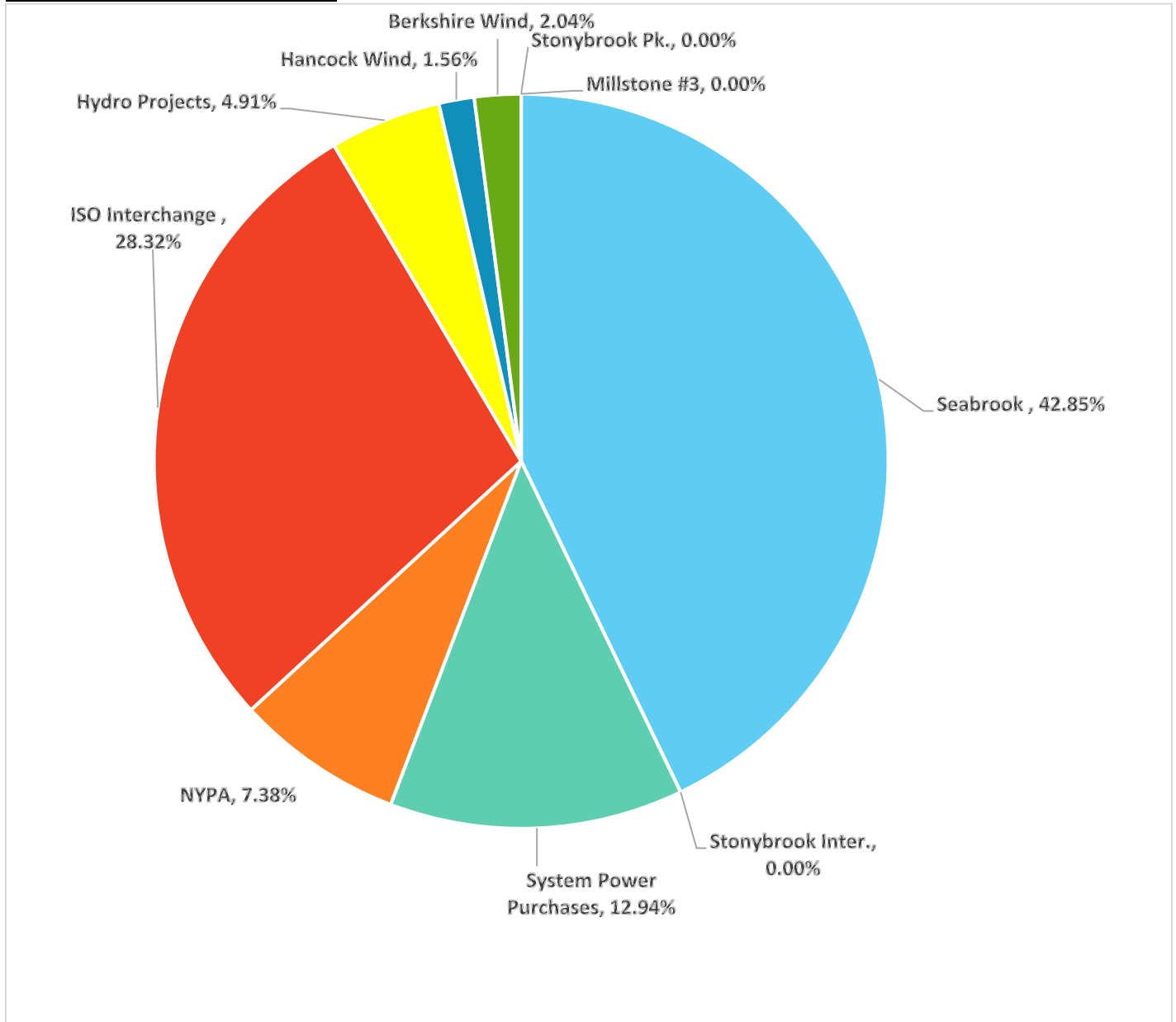
**Table 1**

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of To- tal Energy	Total \$ Costs	\$ as a %
Millstone #3	0	\$0.00	0.00%	\$0	0.00%
Seabrook	3,689,611	\$4.58	42.85%	\$16,898	5.01%
Stonybrook Intermedi- ate	0	\$0.00	0.00%	\$0	0.00%
System Power Pur- chases	1,114,197	\$39.33	12.94%	\$43,822	12.99%
NYP&A	635,360	\$4.71	7.38%	\$2,993	0.89%
ISO Interchange	2,438,820	\$101.51	28.32%	\$247,576	73.39%
Hydro Projects*	422,793	\$47.06	4.91%	\$19,895	5.90%
Hancock/Berkshire Wind	310,357	\$19.88	3.60%	\$6,171	1.83%
Stonybrook Peaking	0	\$0.00	0.00%	\$0	0.00%
Monthly Total	8,611,138	\$39.18	100.00%	\$337,355	100.00%

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



### **May 2022 ENERGY BY RESOURCE**



### **CAPACITY**

The HMLD hit a demand of 21,383kW, which occurred on May 22<sup>nd</sup> at 6pm. The HMLD's monthly UCAP requirement for May 2022 was 35,208 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	22.97	\$20,424	8.02%
Seabrook	4,949	15.59	\$77,134	30.29%
Stonybrook Peaking	4,222	2.25	\$9,505	3.73%
Stonybrook CC	6,942	3.70	\$25,709	10.10%
NYP&A	1,034	4.65	\$4,813	1.89%
Hydro Quebec	0	0.00	\$2,053	0.81%
Berkshire Wind	122	330.89	\$40,369	15.85%
ISO-NE Supply Auction	17,050	4.38	\$74,608	29.30%
Total	35,208	7.23	\$254,615	100.00%

### **TRANSMISSION**

The HMLD's total transmission costs for the month of May 2022, were \$229,091.49.

### **Rebates**

MMWEC's NextZero program completed 7 residential home energy audits during the month of May 2022. The total rebates for the month of May were \$2,050.00. HMLD issued \$1,250.00 in appliance rebates and \$800.00 in Cool Home rebates. 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 2022.

Description	60 days	90 days	120 + days	Total
Billings – Electric	\$12,895.55	\$6,993.51	\$26,664.56	\$46,553.62
			Balance 1 year ago:	\$95,067.75

### **Outages**

During the month of May 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	5/26/2022	U	Holden Liquor Store	Blown Fuse - Bird	4	1	5/26/22 9:00 AM	5/26/22 9:45 AM	45	1 45



## **Sales**

<b>Description</b>	<b>May -2022</b>	<b>May - 2021</b>	<b>Variance</b>	<b>%</b>
Metered Load	8,610,629	8,003,020	607,609	7.59%
Billings – kWh sales	7,265,850	7,142,693	123,157	2%
Billings – Electric Sales	\$844,518.79	\$804,786.75	39,732.04	5%
Accounts Billed	8,299	8,286	13	.2%

## **Financials**

See Attachments