



To: Peter Lukes

From: Barry Tupper

Date: May 24, 2022

Subject: HMLD Monthly Report – April 2022

## **Power Supply**

### **ENERGY**

The HMLD's total metered load for the month of April 2022 was 7,891,990kWhs, which is a 1.1% decrease from the April 2021 figures. HMLD's load is up approximately 1% year to date.

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

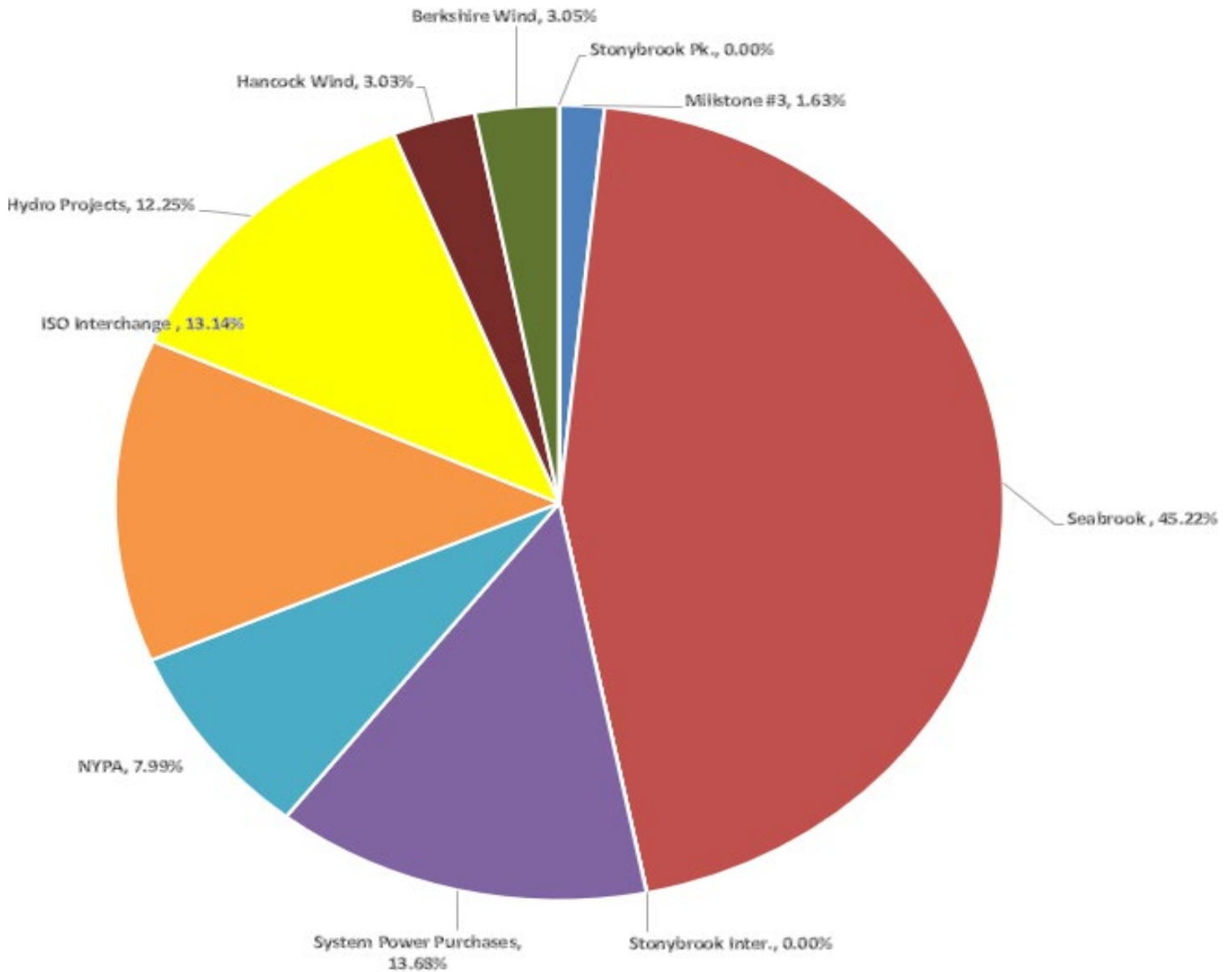
**Table 1**

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of To- tal Energy	Total \$ Costs	\$ as a %
Millstone #3	128,751	\$6.59	1.63%	\$849	0.35%
Seabrook	3,569,136	\$4.58	45.22%	\$16,347	6.83%
Stonybrook Intermediate	0	\$0.00	0.00%	\$0	0.00%
System Power Purchases	1,080,000	\$39.27	13.68%	\$42,408	17.71%
NYP&A	630,800	\$17.37	7.99%	\$10,959	4.58%
ISO Interchange	1,036,990	\$107.33	13.14%	\$111,302	46.48%
Hydro Projects*	967,007	\$48.61	12.25%	\$47,009	19.63%
Hancock/Berkshire Wind	479,815	\$22.03	6.08%	\$10,572	4.42%
Stonybrook Peaking	0	\$0.00	0.00%	\$0	0.00%
Monthly Total	7,892,499	\$30.34	100.00%	\$239,446	100.00%

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



**April 2022 ENERGY BY RESOURCE**





### **CAPACITY**

The HMLD hit a demand of 14,410 kW, which occurred on April 7<sup>th</sup> at 7pm. The HMLD's monthly UCAP requirement for April 2022 was 35,208 kW.

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	3.72	\$3,308	1.39%
Seabrook	4,949	15.58	\$77,114	32.52%
Stonybrook Peaking	4,222	2.25	\$9,511	4.01%
Stonybrook CC	6,942	3.70	\$25,658	10.82%
NYPA	1,034	4.99	\$5,157	2.17%
Hydro Quebec	0	0.00	\$1,722	0.73%
Berkshire Wind	122	330.89	\$40,369	17.02%
ISO-NE Supply Auction	17,050	4.36	\$74,307	31.33%
<b>Total</b>	<b>35,208</b>	<b>6.74</b>	<b>\$237,144</b>	<b>100.00%</b>

### **TRANSMISSION**

The HMLD's total transmission costs for the month of April 2022, were \$274,659.03

### **Rebates**

MMWEC's NextZero program completed 12 residential home energy audits during the month of April 2022. Additionally, HMLD issued \$440.00 in appliance rebates and \$300.00 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 March 2022.

<b>Description</b>	<b>60 days</b>	<b>90 days</b>	<b>90 + days</b>	<b>Total</b>
Billings – Electric	\$25,074.31	\$12,086.42	\$33,269.51	\$70,430.24
			Balance 1 year ago:	\$111,830.78



## Outages

During the month of April 2022, 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/L	Address/Location	Description	#	Ints	T off	T on	Mins	# Out	Cust Min
1	4/17/2022	U	Osgood Ave	Squirrel	4	1	4/17/22 7:30 AM	4/17/22 8:30 AM	60	17	1020
2	4/17/2022	U	Chapel St	Car Accident	10	1	4/17/22 2:30 PM	4/17/22 5:30 PM	180	8	1440
3	4/19/2022	U	Kendall Rd	Tree Down	5	1	4/19/22 7:00 AM	4/19/22 10:30 AM	210	1	210
4											

## Sales

Description	April -2022	April - 2021	Variance	%
Metered Load	7,891,990	7,981,898	-89,908	-1.1%
Billings – kWh sales	8,352,792	8,641,150	-288,358	-3.5%
Billings – Electric Sales	\$1,241,613.69	\$1,185,371	\$56,242.69	4.5%
Accounts Billed	8,285	8,267	18	.2%

## Financial

See Attachments