



To: Peter Lukes

From: Barry Tupper

Date: April 26, 2022

Subject: HMLD Monthly Report – March 2022

## **Power Supply**

### **ENERGY**

The HMLD's total metered load for the month of March 2022 was 9,109,533 kWhs, which is a 2.8% increase from the March 2021 figures. HMLD's load is up approximately 1% year to date.

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

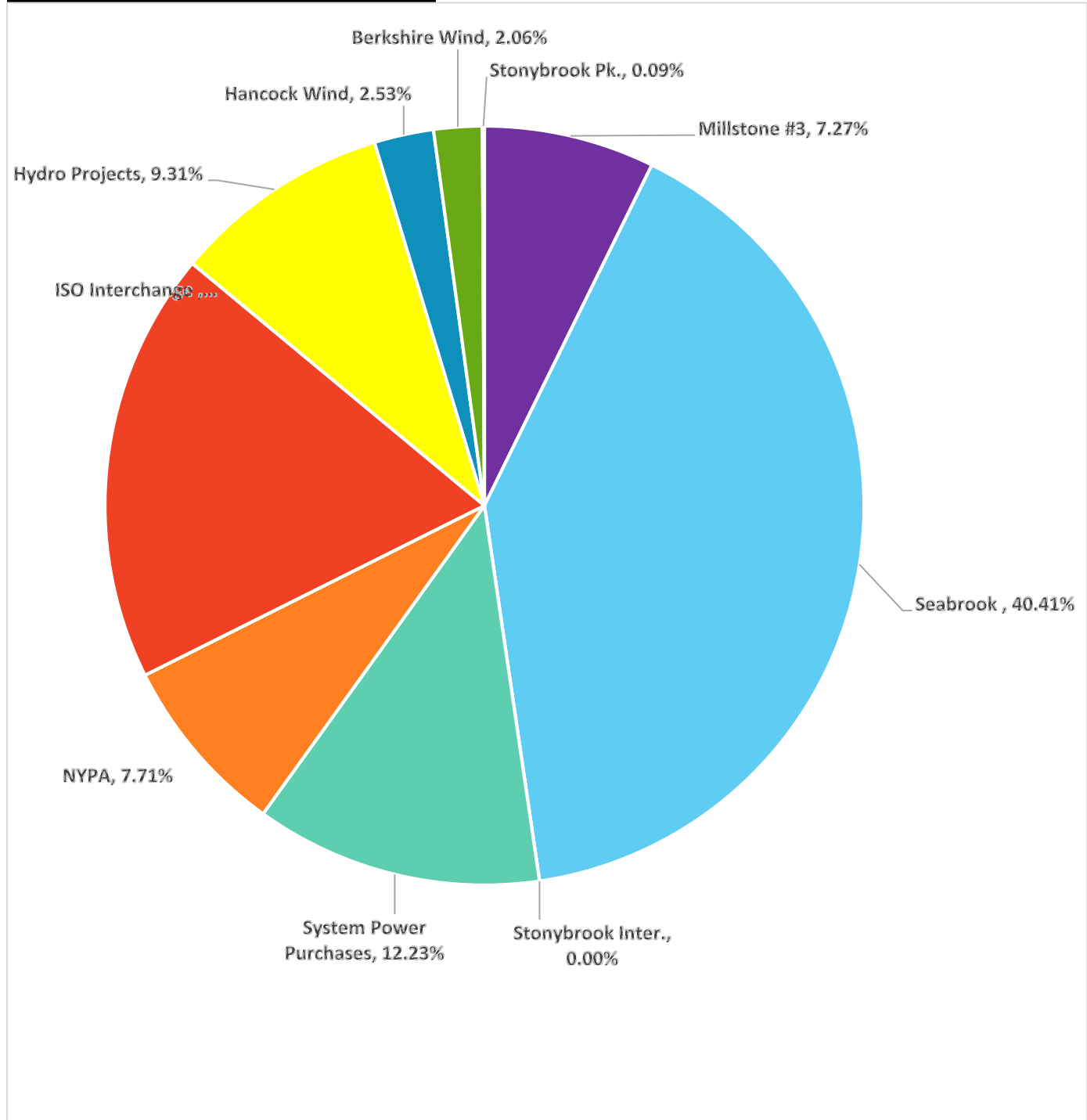
**Table 1**

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of To- tal Energy	Total \$ Costs	\$ as a %
Millstone #3	662,615	\$6.59	7.27%	\$4,369	3.29%
Seabrook	3,681,093	\$4.58	40.41%	\$16,859	12.69%
Stonybrook Intermediate	0	\$0.00	0.00%	\$0	0.00%
System Power Purchases	1,114,500	\$39.27	12.23%	\$43,763	32.93%
NYP&A	702,400	\$4.22	7.71%	\$2,963	2.23%
ISO Interchange	1,675,100	\$0.00	18.39%	\$0	0.00%
Hydro Projects*	847,944	\$61.64	9.31%	\$52,270	39.33%
Hancock/Berkshire Wind	418,486	\$26.52	4.59%	\$11,098	8.35%
Stonybrook Peaking	7,868	\$200.60	0.09%	\$1,578	1.19%
Monthly Total	9,110,006	\$14.59	100.00%	\$132,901	100.00%

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



## March 2022 ENERGY BY RESOURCE





## **CAPACITY**

The HMLD hit a demand of 17,230 kW, which occurred on March 9<sup>th</sup> at 7pm. The HMLD's monthly UCAP requirement for March 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	22.81	\$20,277	7.99%
Seabrook	4,949	15.59	\$77,162	30.40%
Stonybrook Peaking	4,222	2.27	\$9,599	3.78%
Stonybrook CC	6,942	3.72	\$25,842	10.18%
NYPA	1,034	5.02	\$5,193	2.05%
Hydro Quebec	0	0.00	\$2,392	0.94%
Berkshire Wind	122	330.89	\$40,369	15.90%
ISO-NE Supply Auction	17,050	4.28	\$73,020	28.76%
<b>Total</b>	<b>35,208</b>	<b>7.21</b>	<b>\$253,853</b>	<b>100.00%</b>

## **TRANSMISSION**

The HMLD's total transmission costs for the month of March 2022, were \$304,635.75.

## **Rebates**

MMWEC's NextZero program completed 8 residential home energy audits during the month of March 2022. Additionally, HMLD issued \$700 in appliance rebates, \$2,100 in Cool Home rebates, \$110.50 for Wi-Fi Thermostats and \$2,156 for Home Efficiency Incentive Rebates (HEI). 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.

Description	60 days	90 days	90 + days	Total
Billings – Electric	\$19,646.04	\$9,881.58	\$31,337.79	\$60,865.41
			Balance 1 year ago:	\$111,926

## Outages

During the month of March 2022, there were 4 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
3/8/2022	U	Avery Heights	Broken Tree	5	1	3/8/22 1:30 PM	3/8/22 5:00 PM	210	100	21000
3/13/2022	U	Salisbury St	Bad Connections	1	1	3/13/22 9:30 AM	3/13/22 11:00 AM	90	1	90
3/23/2022	U	Sycamore Drive	Bad URD wire	1	1	3/23/22 1:00 PM	3/23/22 5:30 PM	270	1	270
3/25/2022	U	Parker Rd	Tree	5	1	3/25/22 1:00 PM	3/25/22 3:00 PM	120	11	1320

## Sales

Description	March -2022	March - 2021	Variance	%
Metered Load	9,109,533	8,721,975	387,558	4.3%
Billings – kWh sales	9,120,012	7,718,309	1,389,189	15.2%
Billings – Electric Sales	\$897,182.65	\$1,082,315	(\$185,132.35)	(20%)
Accounts Billed	8,281	8,210	71	.9%

## Financial

See Attachments