




To: Peter Lukes  
 From: Barry Tupper   
 Date: July 25, 2022  
 Subject: HMLD Monthly Report-June 2022  
Power Supply

### ENERGY

The HMLD's total metered load for the month of June 2022 was 9,115,338 kWhs, which is a 13% decrease from the June 2021 figures. HMLD's load is down approximately .5% year to date.

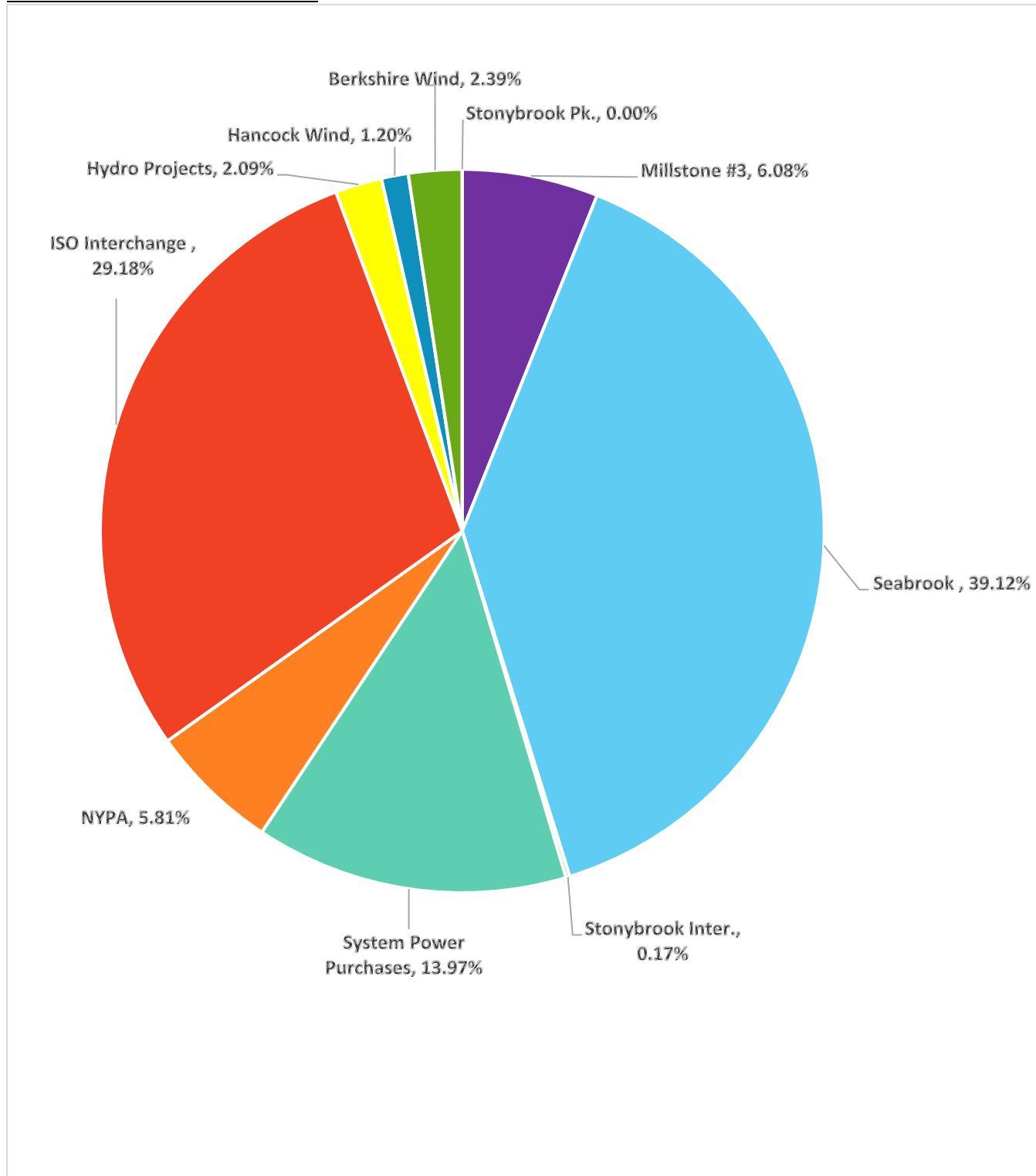
Table 1 is a breakdown by source of the energy purchases.

Table 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of To- tal Energy	Total \$ Costs	\$ as a % of
Millstone #3	554,274	\$6.04	6.08%	\$3,348	1.13%
Seabrook	3,565,714	\$4.58	39.12%	\$16,331	5.50%
Stonybrook Intermediate	15,724	\$62.15	0.17%	\$977	0.33%
System Power Purchases	1,2	\$37.53	13.97%	\$47,800	16.11%
	529,350	\$8.32	5.81%	\$4,405	1.48%
ISO Interchange	2,659,680	\$78.97	29.18%	\$210,044	70.77%
Hydro Projects*	190,160	\$44.83	2.09%	\$8,525	2.87%
HancockW Berkshire	326,859	\$16.37	3.59%	\$5,351	1.80%
Wind					
Stonybrook Peaking		so.oo	0.00%	\$0	0.00%
Monthly Total	9,115,361	\$32.56	100.00%	\$296,781	100.00%

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

## June 2022 ENERGY BY RESOURCE



## CAPACITY

The HMLD hit a demand of 21,464 kWh, which occurred on June 26<sup>nd</sup> at 10pm. The HMLD's monthly UCAP requirement for June 2022 was 35,586 kWh.

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

**Table 3**

Source	Amount (kW)	Cost (\$/kW-month)	Total Cost \$	% of Total Cost
Millstone #3	889	22.98	\$20,431	7.93%
Seabrook	4,950	15.58	\$77,131	29.94%
Stonybrook Peaking	4,096	2.31	\$9,478	3.68%
Stonybrook CC	6,735	3.81	\$25,667	9.96%
NYPA	1,034	4.56	\$4,719	1.83%
Hydro Quebec	0	0.00	\$2,332	0.91%
Berkshire Wind	122	330.84	\$40,363	15.67%
ISO-NE Supply Auction	17,760	4.36	\$77,478	30.08%
Total	35,586	7.24	\$257,598	100.00%

### **TRANSMISSION**

The HMLD's total transmission costs for the month of June 2022, were \$257,347.96.

### **Rebates**

MMWEC's NextZero program completed 11 residential home energy audits during the month of June 2022. The total rebates for the month of June were \$2,074.50. HMLD issued \$150.00 in appliance rebates, \$1,000.00 in HEI rebates, \$124.50 in Wi-Fi Thermostats 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 June 2022.

Description	60 days	90 days	120 + days	Total
Billings – Electric	\$9,446.79	\$4,499.90	\$23,651.74	\$37,618.43
			Balance 1 year ago:	\$70,555.00

### **Outages**

During the month of June 2022, there were 5 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	6/9/2022	U	Damon Rd	Bad Insulator	1	1	6/9/22 10:45 AM	6/9/22 11:45 AM	60	6	360
2	6/11/2022	U	Wachusett St	Squirrel	1	4	6/11/22 6:30 AM	6/11/22 7:30 AM	60	10	600
3	6/21/2022	U	Brewer Way	Squirrel	1	4	6/21/22 9:45 PM	6/21/22 10:45 PM	60	12	720
4	6/26/2022	U	Quinapoxet St	Underfused Transformer	1	2	6/26/22 6:00 PM	6/26/22 7:15 PM	75	2	150
5	6/26/2022	U	Cook St	Tree on Transformer	1	5	6/26/22 7:45 AM	6/26/22 9:15 AM	90	1	90

### **Sales**

Description	June -2022	June - 2021	Variance	%
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Metered Load	9,115,338	10,340,970	-1,225,632	-13.44%
Billings – kWh sales	8,150,494	8,311,659	-161,165	-1.97%
Billings – Electric Sales	\$1,408,075	\$1,141,051	\$267,024	18.9%
Accounts Billed	8,302	8,306	-4	.04%

#### **Financials**

See Attachments