



To: Peter Lukes

From: Barry Tupper

Date: October 24th, 2022

Subject: HMLD Monthly Report – September 2022

Power Supply

ENERGY

The HMLD's total metered load for the month of September 2022 was 8,243,959 kWhs, which is a 5.7% decrease from the September 2021 figures. HMLD's load is up approximately 1% year to date.

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

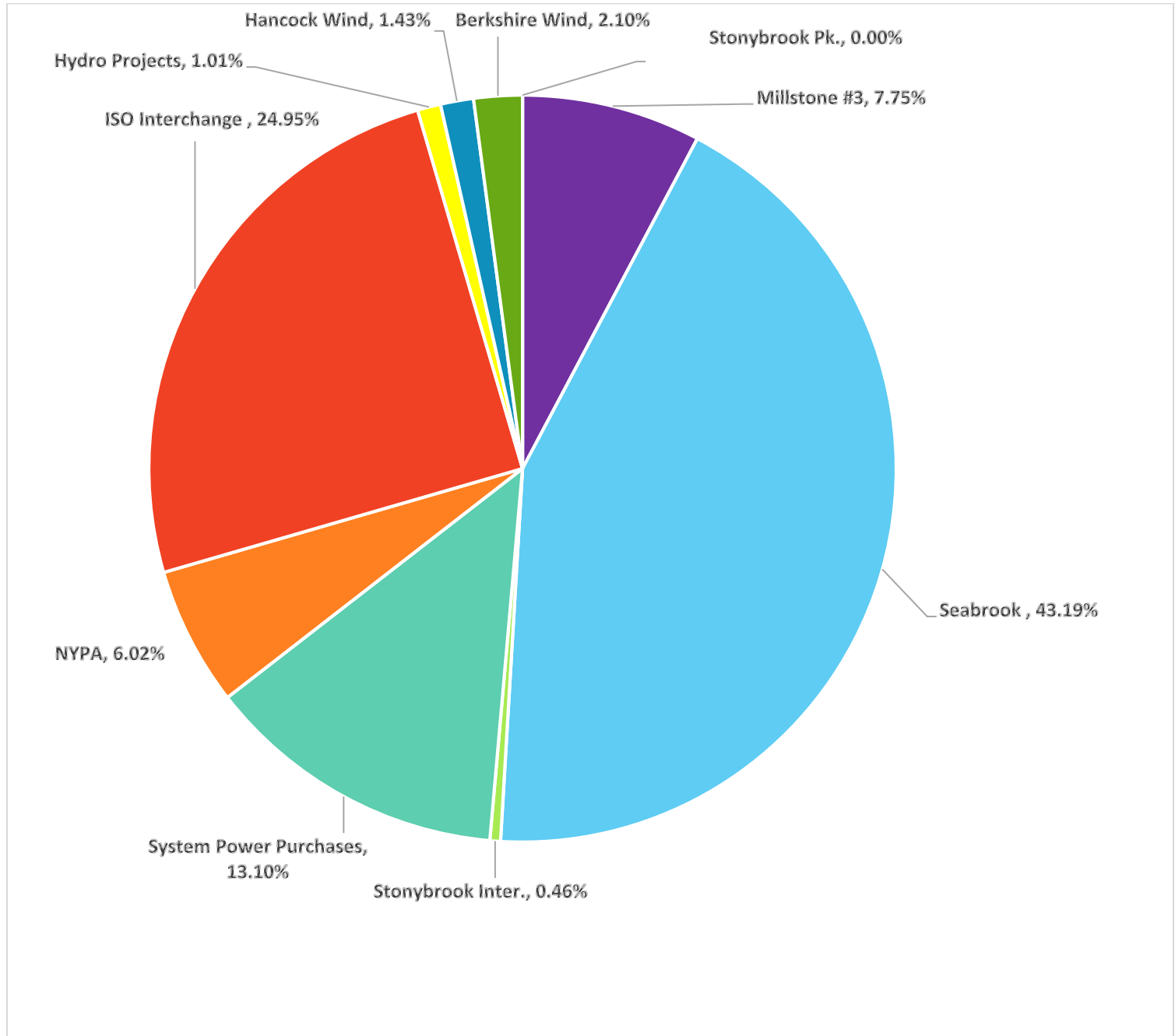
Table 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of To- tal Energy	Total \$ Costs	\$ as a %
Millstone #3	639,129	\$6.04	7.75%	\$3,861	1.52%
Seabrook	3,560,881	\$4.58	43.19%	\$16,309	6.43%
Stonybrook Intermediate	37,770	\$77.76	0.46%	\$2,937	1.16%
System Power Purchases	1,080,000	\$39.27	13.10%	\$42,408	16.73%
NYPA	496,301	\$4.61	6.02%	\$2,286	0.90%
ISO Interchange	2,057,450	\$85.68	24.95%	\$176,287	69.54%
Hydro Projects*	82,948	\$50.32	1.01%	\$4,174	1.65%
Hancock/Berkshire Wind	290,652	\$18.10	3.53%	\$5,260	2.07%
Stonybrook Peaking	0	\$0.00	0.00%	\$0	0.00%
Monthly Total	8,245,131	\$30.75	100.00%	\$253,522	100.00%

***Eagle Creek, Gregg's Falls, Pembroke, River Bend, Clement Dam, Bow St., New Barre, South Barre, Powdermill Hy-**
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September 2022 ENERGY BY RESOURCE



The HMLD hit a demand of 16,632 kW, which occurred on September 4th at 6:00pm. The HMLD's monthly UCAP requirement for August 2022 was 35,586 kW.



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	21.02	\$18,685	7.13%
Seabrook	4,950	16.70	\$82,647	31.53%
Stonybrook Peaking	4,096	2.45	\$10,031	3.83%
Stonybrook CC	6,735	3.77	\$25,382	9.68%
NYPA	1,034	5.46	\$5,641	2.15%
Hydro Quebec	0	0.00	\$1,579	0.60%
Berkshire Wind	122	330.84	\$40,363	15.40%
ISO-NE Supply Auction	17,760	4.38	\$77,754	29.67%
Total	35,586	7.36	\$262,082	100.00%

TRANSMISSION

The HMLD's total transmission costs for the month of September 2022 were \$395,558.64.

Rebates

MMWEC's NextZero program completed 4 residential home energy audits during the month of September 2022. The total rebates for the month of September were \$5,640.00. HMLD issued \$390.00 in appliance rebates, \$4,250.00 in Cool Home rebates and HEI rebates of \$1,000.00. 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	10,889.74	\$3,268.93	\$30,617.30	\$44,775.97
			Balance 1 year ago:	\$44,712.92

Outages

During the month of September 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	9/19/2022	U	Highland St Area	Lightning Strike	3	1	9/19/22 7:00 PM	9/19/22 8:30 PM	90	35	3150	
2	9/19/2022	U	Highland St	Lightning Strike	3	1	9/19/22 10:00 PM	9/19/22 11:00 PM	60	8	480	
3	9/29/2022	U	Chapel St	Connections	1	1	9/29/22 4:00 PM	9/29/2022 16:30	30	7	210	



Sales

Description	September 2022	September 2021	Variance	%
Metered Load	8,243,959	8,750,315	-506,356	-5.7%
Billings – kWh sales	9,842,166	10,116,693	-274,527	-2.7%
Billings – Electric Sales	\$1,654,529.18	\$1,375,769	\$278,760.18	20%
Accounts Billed	8,313	8,319	-6	.07%

Financials

See Attachments