



To: Peter Lukes
From: Barry Tupper *BT*
Date: September 26, 2022
Subject: HMLD Monthly Report – August 2022

Power Supply

ENERGY

The HMLD's total metered load for the month of August 2022 was 11,463,856 kWhs, which is a 1.76% increase from the August 2021 figures. HMLD's load is up approximately 2% year to date.

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

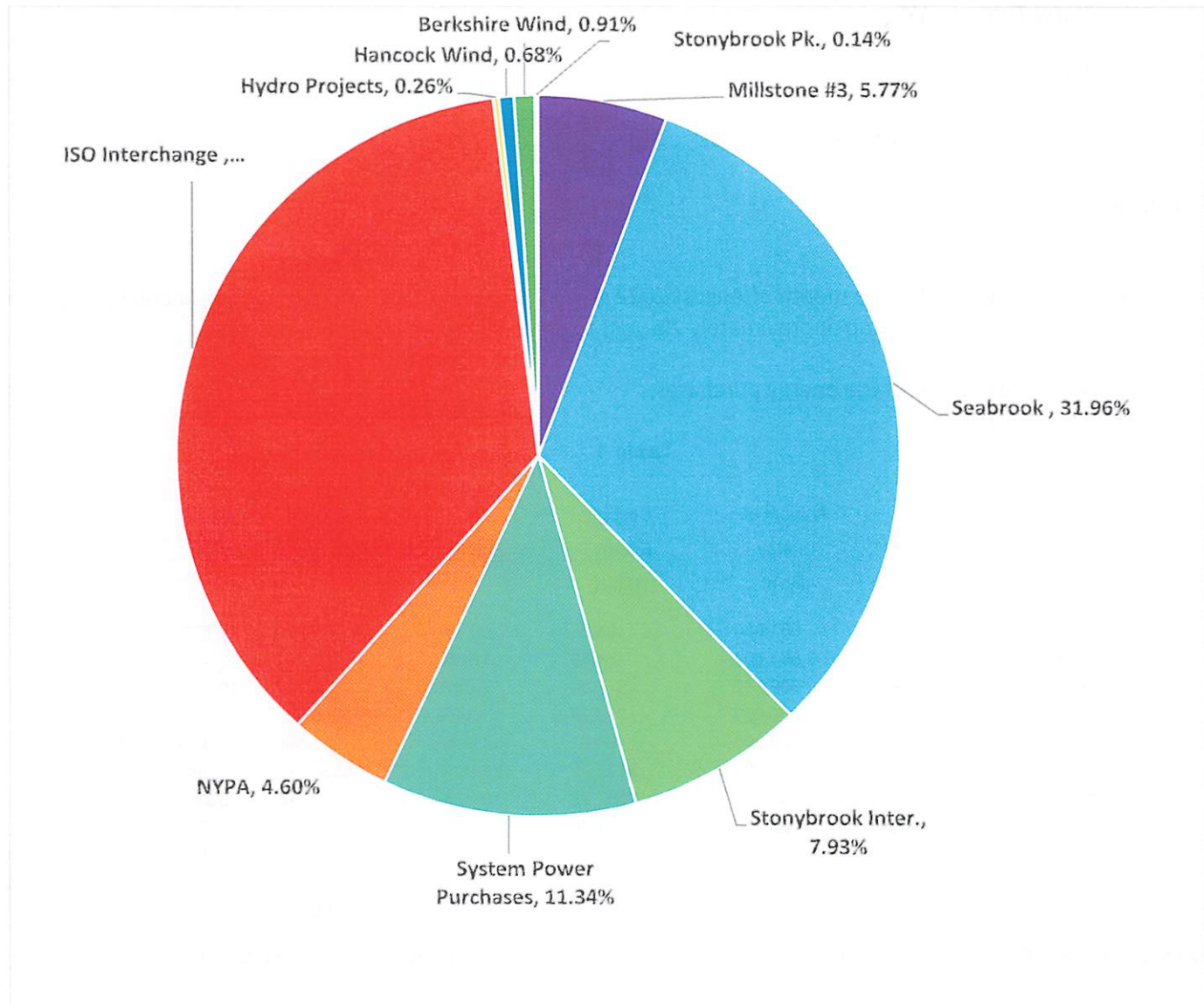
Table 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of To- tal Energy	Total \$ Costs	\$ as a %
Millstone #3	661,630	\$5.89	5.77%	\$3,899	0.57%
Seabrook	3,663,504	\$4.58	31.96%	\$16,779	2.44%
Stonybrook Intermediate	909,682	\$77.34	7.93%	\$70,357	10.22%
System Power Purchases	1,300,000	\$38.29	11.34%	\$49,783	7.23%
NYP&A	526,990	\$4.91	4.60%	\$2,590	0.38%
ISO Interchange	4,173,290	\$128.05	36.40%	\$534,392	77.59%
Hydro Projects*	29,590	\$57.22	0.26%	\$1,693	0.25%
Hancock/Berkshire Wind	183,170	\$21.86	1.60%	\$4,004	0.58%
Stonybrook Peaking	16,480	\$315.47	0.14%	\$5,199	0.75%
Monthly Total	11,464,336	\$60.07	100.00%	\$688,696	100.00%

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



August 2022 ENERGY BY RESOURCE



The HMLD hit a demand of 26,420 kW, which occurred on August 8th at 4:00pm. 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 (kWs)	Cost (\$/kW-month)	Total Cost \$	% of Total Cost
Millstone #3	889	21.10	\$18,760	7.16%
Seabrook	4,950	16.70	\$82,646	31.53%
Stonybrook Peaking	4,096	2.51	\$10,300	3.93%
Stonybrook CC	6,735	3.83	\$25,783	9.84%
NYPA	1,034	5.04	\$5,209	1.99%
Hydro Quebec	0	0.00	\$1,230	0.47%
Berkshire Wind	122	330.84	\$40,363	15.40%
ISO-NE Supply Auction	17,760	4.38	\$77,796	29.68%
Total	35,586	7.36	\$262,088	100.00%

TRANSMISSION

The HMLD's total transmission costs for the month of August 2022 were \$362,470.19.

Rebates

MMWEC's NextZero program completed 9 residential home energy audits during the month of August 2022. The total rebates for the month of August were \$3,059.50. HMLD issued \$110.00 in appliance rebates, \$2,850.00 in Cool Home rebates and WiFi Thermostats of \$99.50. 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 August 2022.

Description	60 days	90 days	120 + days	Total
Billings – Electric	\$15,262.06	\$5,656.71	\$29,326.95	\$50,245.72
			Balance 1 year ago:	\$51,703.24

Outages

During the month of August 2022, there were 9 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 Description	#	Time & Duration				Customers	
	Date	SI/L Address/Location			Ints	T off	T on	Mins	# Out	Cust Min
1	8/1/2022	U Nola Dr	Squirrel	4	1	8/1/22 7:30 AM	8/1/22 8:00 AM	30	6	180
2	8/2/2022	U Mason Rd	Bird	4	1	8/2/22 5:00 PM	8/2/22 9:00 PM	240	1	240
3	8/4/2022	U Wachusetts st	Undersided Fuse	1	1	8/4/22 4:45 PM	8/4/22 6:00 PM	75	5	375
4	8/5/2022	U Thorney Lea	Foulty Cutout	1	1	8/5/22 9:15 PM	8/5/22 9:30 PM	15	6	90
5	8/7/2022	U Farragut Way	Lightning	3	1	8/7/22 7:30 PM	8/7/22 9:45 PM	135	6	810
6	8/7/2022	U Winsor Circle	Bad URD Wire	1	1	8/7/22 8:45 AM	8/7/22 5:00 PM	495	15	7425
7	8/9/2022	U Chaffins Sub	T1 ct open up	0	1	8/9/22 5:10 PM	8/9/22 5:15 PM	5	2,000	10000
8	8/13/2022	U Nola Dr	Squirrel	4	1	8/13/22 6:40 AM	8/13/22 7:30 AM	50	130	6500
9	8/21/2022	U Nola Beachwood Forest	Squirrel	4	1	8/21/22 7:00 AM	8/21/22 7:30 AM	30	45	1350



Sales

Description	August 2022	August 2021	Variance	%
Metered Load	11,463,856	11,265,606	198,250	1.7%
Billings – kWh sales	11,009,983	9,277,449	1,732,534	15.7%
Billings – Electric Sales	\$1,843,855	\$1,271,282	\$572,573	31.1%
Accounts Billed	8,332	8,311	21	.3%

Financials

See Attachments