



To: Peter Lukes

From: Barry Tupper

Date: September 28th, 2023

Subject: HMLD Monthly Report – August 2023

Power Supply

ENERGY

The HMLD's total metered load for the month of August 2023 was 9,603,586 kWhs, which is a 19% decrease from the August 2022 figures.

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

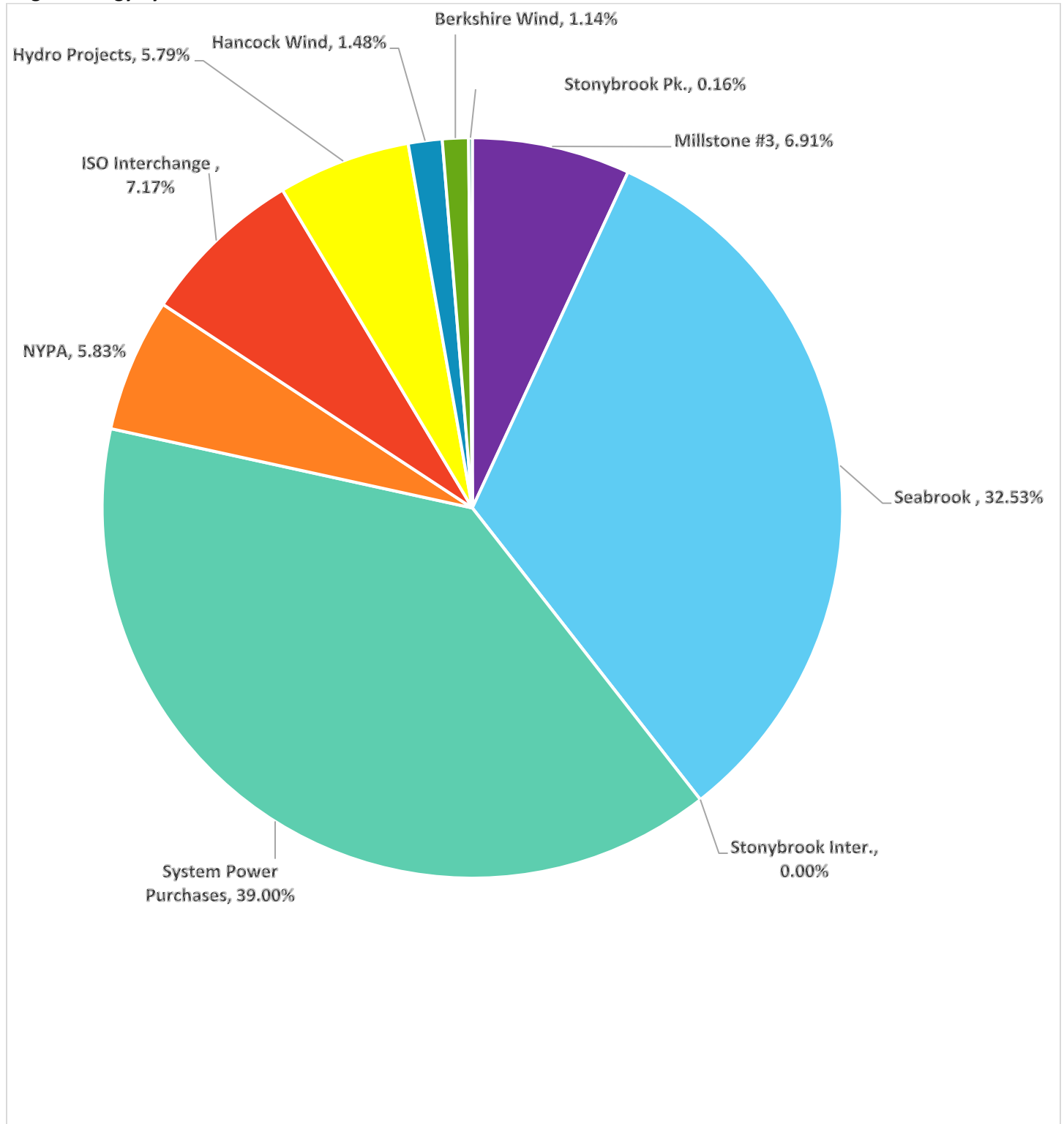
Table 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of To- tal Energy	Total \$ Costs	\$ as a %
Millstone #3	657,188	\$6.04	6.91%	\$3,970	1.31%
Seabrook	3,093,486	\$4.53	32.53%	\$14,014	4.64%
Stonybrook Intermediate	0	\$0.00	0.00%	\$0	0.00%
System Power Purchases	3,708,800	\$48.30	39.00%	\$179,121	59.26%
NYP&A	554,030	\$4.92	5.83%	\$2,725	0.90%
ISO Interchange	681,830	\$94.29	7.17%	\$64,288	21.27%
Hydro Projects*	550,798	\$47.41	5.79%	\$26,111	8.64%
Hancock/Berkshire Wind	248,632	\$31.05	2.61%	\$7,720	2.55%
Stonybrook Peaking	15,298	\$281.04	0.16%	\$4,299	1.42%
Monthly Total	9,510,062	\$31.78	100.00%	\$302,248	100.00%

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



August Energy by Resource



The HMLD hit a demand of 19,400, which occurred on August 21st at 7:00pm.



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	\$21.87	\$19,441	7.59%
Seabrook	4,950	\$18.81	\$93,099	36.37%
Stonybrook Peaking	4,094	\$2.93	\$11,998	4.69%
Stonybrook CC	6,733	\$4.18	\$28,161	11.00%
NYP&A	1,034	\$4.64	\$4,800	1.88%
Hydro Quebec	0	\$0.00	-\$5,093	-1.99%
Berkshire Wind	126	\$322.92	\$40,688	15.89%
ISO-NE Supply Auction	18,382	\$3.42	\$62,906	24.57%
Total	36,208	\$7.07	\$256,001	100.00%

TRANSMISSION

The HMLD's total transmission costs for the month of August 2023 were \$326,245.68.

Rebates

MMWEC's NextZero program completed 6 residential home energy audits during the month of August. The total rebates for the month of August were \$10,627.00. HMLD issued \$1,100.00 in appliance rebates, \$8,300.00 in cool home rebates, \$1,000.00 in HEI Rebates and \$227.00 for Wi-Fi thermostats. 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 2023. In August, \$23,284.97 of the past due balance are protected accounts that cannot be shutoff.

Description	60 days	90 days	120 + days	Total
Billings – Electric	\$6,329.97	\$2,451.56	\$41,499.24	\$50,280.77
			Balance 1 year ago:	\$50,245.72



Outages

During the month of August 2023 there were 8 outages. The table below indicates the date of occurrence, the location, cause, time & duration as well as the number of customers affected.

#	Date	S/U	General Information	Cause	#	Ints	Time & Duration			Customers	
			Address/Location	Description			T off	T on	Mins	# Out	Cust Min
1	8/1/2023	U	Highland Kenwood Winthrop Pioneer	Squirrel	4	1	8/1/23 7:15 AM	8/1/23 8:15 AM	60	50	3000
2	8/2/2023	S	Bullard St	Cut over to New Circuit	1	1	8/2/23 8:30 AM	8/2/23 2:00 PM	330	16	5280
3	8/10/2023	U	Valley Hill Dr	Squirrel	4	1	8/10/23 6:30 AM	8/10/23 7:00 AM	30	8	240
4	8/13/2023	U	Raymond Mayo Surrey	Squirrel	1	1	8/13/23 4:15 PM	8/13/23 5:00 PM	45	50	2250
5	8/17/2023	U	Wachusett St	Vines	5	1	8/17/23 7:00 AM	8/17/23 9:00 AM	120	3	360
6	8/17/2023	S	Bullard St	Transfer Secondaries	1	1	8/17/23 9:30 AM	8/17/23 1:00 PM	210	10	2100
7	8/29/2023	U	Heather Circle	Bad Underground	2		8/29/23 3:00 PM	8/29/23 8:00 PM	300	1	300
8	8/30/2023	U	Steele St Radio Tower	Vines	5	1	8/30/23 7:00 AM	8/30/23 9:00 AM	120	6	720

Sales

Description	August 2023	August 2022	Variance	%
Metered Load	9,603,586	11,463,856	-1,860,270	-19%
Billings – kWh sales	9,744,472	11,009,983	-1,265,511	-13%
Billings – Electric Sales	\$1,905,039	\$1,843,855	61,184	3%
Accounts Billed	8,377	8,332	45	.5%

Financials

See Attachments