



To: Peter Lukes  
 From: Barry Tupper  
 Date: December 27, 2022  
 Subject: HMLD Monthly Report – November 2022

**Power Supply**

**ENERGY**

The HMLD’s total metered load for the month of November 2022 was 8,360,880 kWhs, which is a less than a 1% decrease from the November 2022 figures. HMLD’s load is approximately the same as 2021 at this time.

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

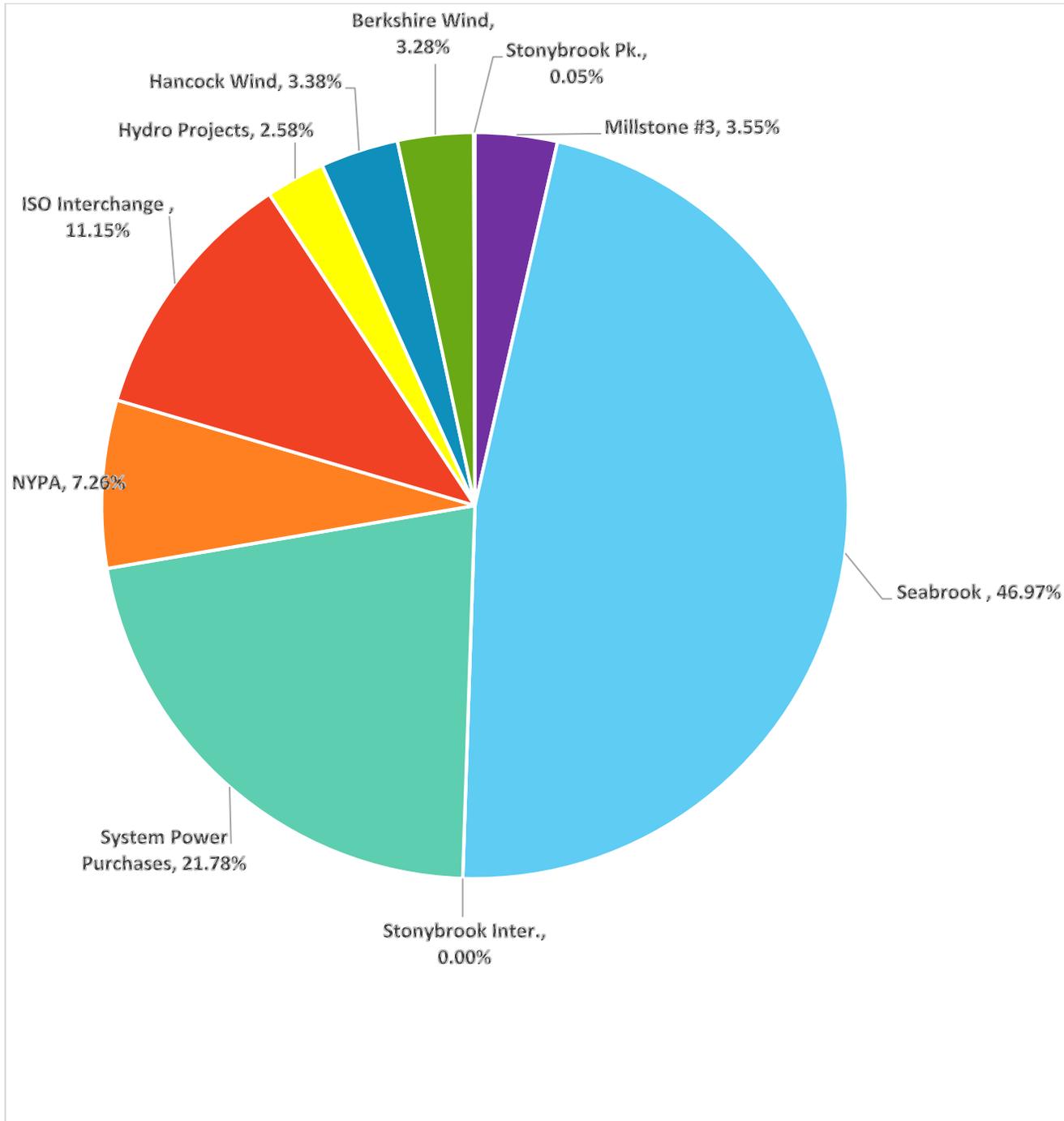
**Table 1**

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of Total Energy	Total \$ Costs	\$ as a %
Millstone #3	297,192	\$5.84	3.55%	\$1,737	0.72%
Seabrook	3,927,058	\$4.73	46.97%	\$18,561	7.71%
Stonybrook Intermediate	0	\$0.00	0.00%	\$0	0.00%
System Power Purchases	1,820,700	\$58.44	21.78%	\$106,408	44.23%
NYPA	607,270	\$4.92	7.26%	\$2,987	1.24%
ISO Interchange	932,150	\$86.68	11.15%	\$80,797	33.58%
Hydro Projects*	215,436	\$73.21	2.58%	\$15,773	6.56%
Hancock/Berkshire Wind	556,691	\$23.20	6.66%	\$12,915	5.37%
Stonybrook Peaking	4,380	\$323.67	0.05%	\$1,418	0.59%
Monthly Total	8,360,877	\$28.78	100.00%	\$240,595	100.00%

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



### November 2022 ENERGY BY RESOURCE



The HMLD hit a demand of 14,750 kW, which occurred on November 25th at 7:00pm. The HMLD's monthly UCAP requirement for November 2022 was 36,038 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	9.34	\$8,306	3.20%
Seabrook	4,949	18.80	\$93,050	35.90%
Stonybrook Peaking	4,094	2.50	\$10,243	3.95%
Stonybrook CC	6,733	3.81	\$25,660	9.90%
NYPA	1,034	4.52	\$4,672	1.80%
Hydro Quebec	0	0.00	\$1,379	0.53%
Berkshire Wind	122	330.84	\$40,363	15.57%
ISO-NE Supply Auction	18,217	4.15	\$75,551	29.14%
<b>Total</b>	<b>36,038</b>	<b>7.19</b>	<b>\$259,224</b>	<b>100.00%</b>

**TRANSMISSION**

The HMLD’s total transmission costs for the month of November 2022 were \$215,231.22.

**Rebates**

MMWEC’s NextZero program completed 13 residential home energy audits during the month of November 2022. The total rebates for the month of November were \$1,857.05. HMLD issued \$990.00 in appliance rebates, \$300.00 in Cool Home rebates, HEI rebates of \$500.00. and wi-fi thermostat rebates of \$67.05. 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 November 2022. Liens were issued at the end of November totaling \$10,059.94.

Description	60 days	90 days	120 + days	Total
Billings – Electric	\$10,540.17	\$2,502.28	\$19,416.60	\$32,459.05
			Balance 1 year ago:	\$40,814.00

**Outages**

During the month of November 2022, there was 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	#	Ints	Time & Duration			Customers	
	Date	S/L Address/Location				Description	T off	T on	Mins	# Out
1	11/18/2022	U Bailey Rd	Hit pole	10	1	11/18/22 2:30 AM	11/18/22 3:00 AM	30	6	180
2	11/19/2022	U Reservoir St	Squirrel	4	1	11/19/22 8:00 AM	11/19/22 9:00 AM	60	7	420
3	11/23/2022	U Edge Mayflower Somerset	Squirrel	4	1	11/23/22 7:15 AM	11/23/22 8:00 AM	45	30	1350
4	11/26/22	U Buckingham	Bad URD Cagle	1	1	11/26/22 4:45 AM	11/26/22 6:30 AM	105	5	525



**Sales**

<b>Description</b>	<b>November 2022</b>	<b>November 2021</b>	<b>Variance</b>	<b>%</b>
Metered Load	8,360,883	8,790,968	-430,085	-.05%
Billings – kWh sales	7,363,241	7,711,261	-348,020	-.05%
Billings – Electric Sales	\$1,400,449.93	\$1,059,066	\$341,383.93	32%
Accounts Billed	8,318	8,300	18	0%

**Financials**

See Attachments