



To: Peter Lukes

From: Barry Tupper

Date: February 22,2024

Subject: HMLD Monthly Report – January 2024

# ENERGY

The HMLD’s total metered load for the month of January 2024 was 10,191,743 kWhs, which is a 10.8% increase from the January 2023 figures.

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

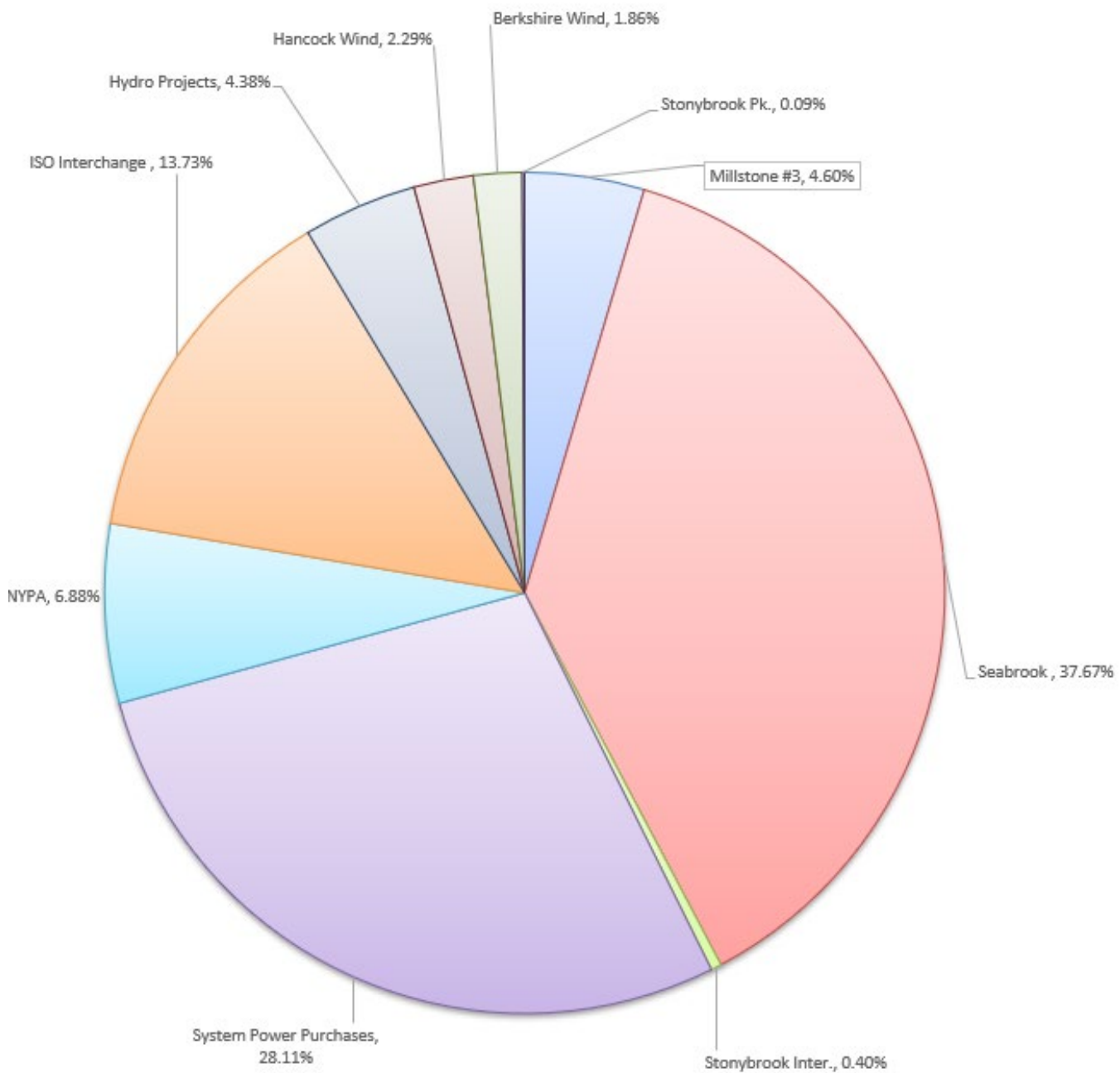
**Table 1**

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of Total Energy	Total \$ Costs	\$ as a %
Millstone #3	450,039	\$6.43	4.60%	\$2,892	0.62%
Seabrook	3,688,197	\$4.53	37.67%	\$16,708	3.56%
Stonybrook Intermediate	39,515	\$91.99	0.40%	\$3,635	0.78%
System Power Purchases	2,752,000	\$83.99	28.11%	\$231,135	49.28%
NYPA	673,338	\$4.92	6.88%	\$3,315	0.71%
ISO Interchange	1,343,980	\$122.09	13.73%	\$164,083	34.98%
Hydro Projects*	429,058	\$78.28	4.38%	\$33,585	7.16%
Hancock/Berkshire Wind	406,664	\$27.52	4.15%	\$11,190	2.39%
Stonybrook Peaking	8,995	\$274.31	0.09%	\$2,467	0.53%
<b>Monthly Total</b>	<b>9,791,786</b>	<b>\$47.90</b>	<b>100.00%</b>	<b>\$469,010</b>	<b>100.00%</b>

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



## January Energy by Resource



The peak demand for the month of January was 18,140, which occurred on Tuesday, January 16<sup>th</sup> at 6pm.



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	\$21.84	\$19,415	7.40%
Seabrook	4,950	\$17.55	\$86,861	33.12%
Stonybrook Peaking	4,094	\$2.74	\$11,209	4.27%
Stonybrook CC	6,733	\$4.02	\$27,034	10.31%
NYPA	1,034	\$4.42	\$4,571	1.74%
Hydro Quebec	0	\$0.00	-\$5,255	-2.00%
Berkshire Wind	126	\$411.06	\$51,794	19.75%
ISO-NE Supply Auction	18,382	\$3.62	\$66,603	25.40%
<b>Total</b>	<b>36,208</b>	<b>\$7.24</b>	<b>\$262,232</b>	<b>100.00%</b>

#### TRANSMISSION

The total transmission costs for the month of January 2024 were \$268,290.31.

#### Rebates

MMWEC's NextZero program completed 11 residential home energy audits during the month of January totaling \$3,737.80. The total rebates for the month of January were \$3,227.56: Appliances \$240.00, HEI \$2,000.00 and Audit Inspections \$600.00.

#### Past Due Balances

The table reflects the past due balances for electric billings as of January 2024. The total past due balance includes \$15,546.70 for shutoff protected accounts, amount to 46% of the total arrears.

Description	60 days	90 days	120 + days	Total
Billings – Electric	\$12,105.52	\$5,402.20	\$15,938.12	\$33,445.84
			Balance 1 year ago:	\$47,249.00

#### Outages

During the month of January 2024 there were 2 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
1/18/2024	u	264 Reservoir St 24 Joel Scott Dr	Tree	5	1	1/18/24 4:45 PM	1/18/24 6:15 PM	90	2	180
1/28/2024	u	Paxton Rd	Hit Pole	10	1	1/28/24 12:00 PM	1/28/24 1:00 PM	60	1	60

#### Sales

Description	January 2024	January 2023	Variance	%
Metered Load	10,191,743	9,198,444	993,299	10.8
Billings – kWh sales	9,024,300	9,727,543	-703,243	7.2
Billings – Electric Sales	\$1,434,621.73	\$1,915,043.04	-\$480,421.31	-25%
Accounts Billed	8,364	8,308	56	.7%

