




To: Peter Lukes

From: Jane Parenteau 

Date: April 5, 2019

Subject: HMLD Monthly Report – February, 2019

## Power Supply

### ENERGY

The HMLD's total metered load for the month of February was 8,972,320 kWhs, which is a 4.9% increase from the February 2018 figures.

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

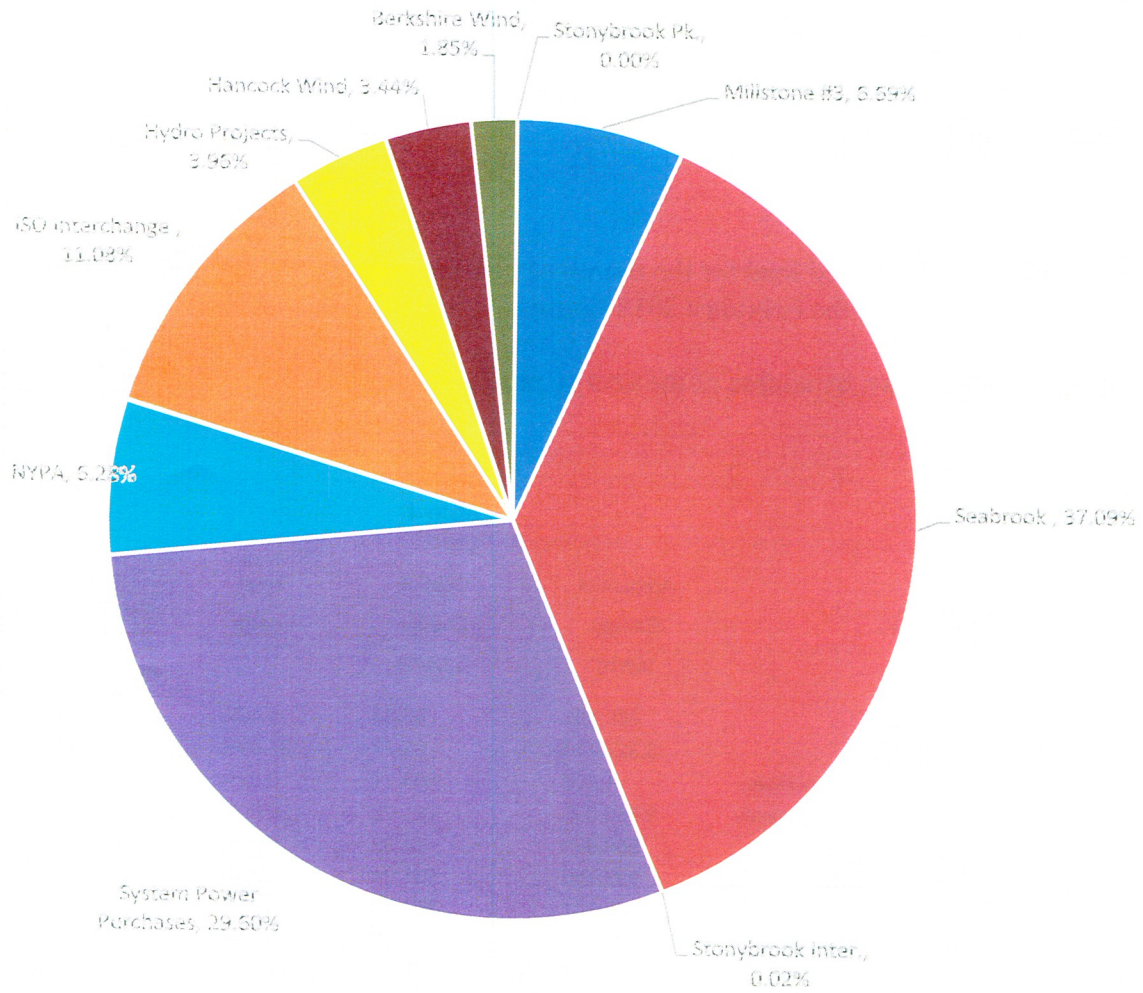
**Table 1**

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of Total Energy	Total \$ Costs	\$ as a %
Millstone #3	600,435	\$6.38	6.69%	\$3,832	1.35%
Seabrook	3,327,718	\$5.27	37.09%	\$17,545	6.18%
Stonybrook Intermediate	1,406	\$86.11	0.02%	\$121	0.04%
System Power Purchases	2,656,000	\$61.26	29.60%	\$162,714	57.28%
NYP&A	563,584	\$4.92	6.28%	\$2,773	0.98%
ISO Interchange	993,790	\$56.24	11.08%	\$55,889	19.68%
Hydro Projects*	355,241	\$67.56	3.96%	\$24,001	8.45%
Hancock/Berkshire Wind	474,146	\$36.23	5.28%	\$17,179	6.05%
Stonybrook Peaking	0	\$0.00	0.00%	\$0	0.00%
Monthly Total	8,972,320	\$31.66	100.00%	\$284,054	100.00%

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



**February 2019 ENERGY BY RESOURCE**





## CAPACITY

The HMLD hit a demand of 19,295 kW, which occurred on February 12, at 7 pm. The HMLD's monthly UCAP requirement for February 2019 was 34,233 kW.

Table 3 shows the sources of capacity that the HMLD utilized to meet its requirements.

**Table 3**

<b>Source</b>	<b>Amount (kW)</b>	<b>Cost (\$/kW- month)</b>	<b>Total Cost \$</b>	<b>% of Total Cost</b>
Millstone #3	896	22.59	\$20,244	5.86%
Seabrook	4,942	20.81	\$102,841	29.75%
Stonybrook Peaking	4,094	2.11	\$8,618	2.49%
Stonybrook CC	6,733	3.54	\$23,829	6.89%
NYPA	1,034	4.44	\$4,590	1.33%
Hydro Quebec	0	0.00	\$2,694	0.78%
Berkshire Wind	126	299.69	\$37,761	10.92%
ISO-NE Supply Auction	16,408	8.85	\$145,131	41.98%
<b>Total</b>	<b>34,233</b>	<b>10.10</b>	<b>\$345,707</b>	<b>100.00%</b>





## TRANSMISSION

The HMLD's total transmission costs for the month of February 2019, were \$261,689

## Rebates

MMWEC's HELP program completed 25 residential home energy audits during the month of February, 2019. Additionally, HMLD issued \$530 in appliance rebates, \$192 for Wi-Fi Thermostats, \$250 in Cool Homes rebates, and \$4,454 for Home Efficiency Incentive Rebates (HEI). 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 February, 2019.

Description	60 days	90 days	90 + days	Total
Billings – Electric	\$16,996	\$5,962	\$20,703	\$43,661
			Balance 1 year ago:	\$25,195

## Outages

During the month of February, 2019, there were 15 outages. On February 25, 2019 HMLD experience high winds that resulted in 10 outages primarily due to trees. 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 Mir
1	2/6/2019	S	93 Fisher Rd	Transformer off Pad	8	1	2/6/19 3:30 PM	2/6/19 4:00 PM	30	3	9
2	2/8/2019	U	34 Laurelwood Rd	Tap pulled out from Pin Adapter	1	1	2/8/19 1:40 PM	2/8/19 2:15 PM	35	7	24
3	2/9/2019	U	1763 Main St	Broken Tap Wire	1	1	2/9/19 11:30 PM	2/10/19 12:30 AM	60	5	30
4	2/15/2019	S	144 Ft Sumter Dr	Electrician to do work on socket	8	1	2/15/19 9:30 PM	2/15/19 10:30 PM	60	1	6
5	2/25/2019	U	Flagler Drive	Bad Secondary Wire	1	1	2/25/19 6:00 AM	2/25/19 11:00 AM	300	50	1500
6	2/25/2019	U	Shrewsbury St	Tree Limb	5	1	2/25/19 12:35 PM	2/25/19 1:00 PM	25	28	70
7	2/25/2019	U	Dawson School	Broken Tap Wire	1	1	2/25/19 8:00 AM	2/25/19 8:30 AM	30	1	3
8	2/25/2019	U	Park Ave	Broken Tap Wire	1	1	2/25/19 8:30 AM	2/25/19 9:00 AM	30	16	48
9	2/25/2019	U	Diamond Hill Rd	Limb	5	1	2/25/19 3:30 PM	2/25/19 4:30 PM	60	3	18
10	2/25/2019	U	Plymouth Rd	Limb	5	1	2/25/19 5:00 PM	2/25/19 7:00 PM	120	30	360
11	2/25/2019	U	Cannon Rd	Tree	5	1	2/25/19 6:00 PM	2/25/19 10:00 PM	240	6	144
12	2/25/2019	U	Wachusett St	Tree	5	1	2/25/19 5:00 PM	2/25/19 6:00 PM	60	1	6
13	2/25/2019	U	Quinapoxet St	Tree	5	1	2/25/19 5:30 PM	2/25/19 6:30 PM	60	1	6
14	2/25/2019	U	North St	Tree	5	1	2/25/19 7:30 PM	2/25/19 9:00 PM	90	30	270
15	2/26/2019	U	Kendall Rd	Tree	5	1	2/26/19 6:00 AM	2/26/19 6:30 AM	30	1	3



## Sales

Description	February, 2019	February, 2018	Variance	%
Metered Load	8,960,422	8,541,816	418,606	4.9%
Billings – kWh sales	9,527,714	9,705,022	(177,308)	(1.8)%
Revenue – Electric Service	\$1,332,513	\$1,357,692	(\$25,179)	(1.9)%
Accounts Billed	8,170	8126	44	0.5%

## Financial

Summary Financial Results (Unaudited)  
Current vs Last Year  
For the Month Ending February 28, 2019

Description	Current Month Actual	Current Month Last Year	Current Month Variance
Revenue	1,238,407	1,246,841	(8,434)
Expense	1,193,102	1,138,819	54,283
Net Income	45,305	108,022	(62,717)
	YTD Actual	YTD Last Year	YTD Variance
Revenue	2,352,170	2,544,707	(192,537)
Expense	2,176,429	2,353,513	(177,084)
Net Income	175,741	191,194	(15,453)

## Operations Update

- Protective Lighting LED conversion on-going
- Installation of new poles along Reservoir St for upcoming re-conductoring project
- Programming and installation of new capacitor bank control boxes
- Continue re-conductoring Valley Hill, Terrie Ln and Greenwood Park way
- Removal of double poles throughout various areas in town
- Removal of deceased/dangerous trees at various locations in town from the tree wardens/DPW tree removal list



- Right of Way (ROW) and road way canopy trimming of Rt 31/ South Rd
- Development of Invitation to Bid to replace truck 25(Service Bucket Truck)
- Complete application for a EPA grant to help pay for the new truck 25 (Service Bucket Truck)