




To: Peter Lukes  
From: Jane Parenteau   
Date: November 15, 2019  
Subject: HMLD Monthly Report – August, 2019

## **Power Supply**

### **ENERGY**

The HMLD's total metered load for the month of August, 2019 was 9,767,535 kWhs, which is a 15.1% decrease from the August, 2018 figures. HMLD's load is down approximately 3.9% year to date.

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

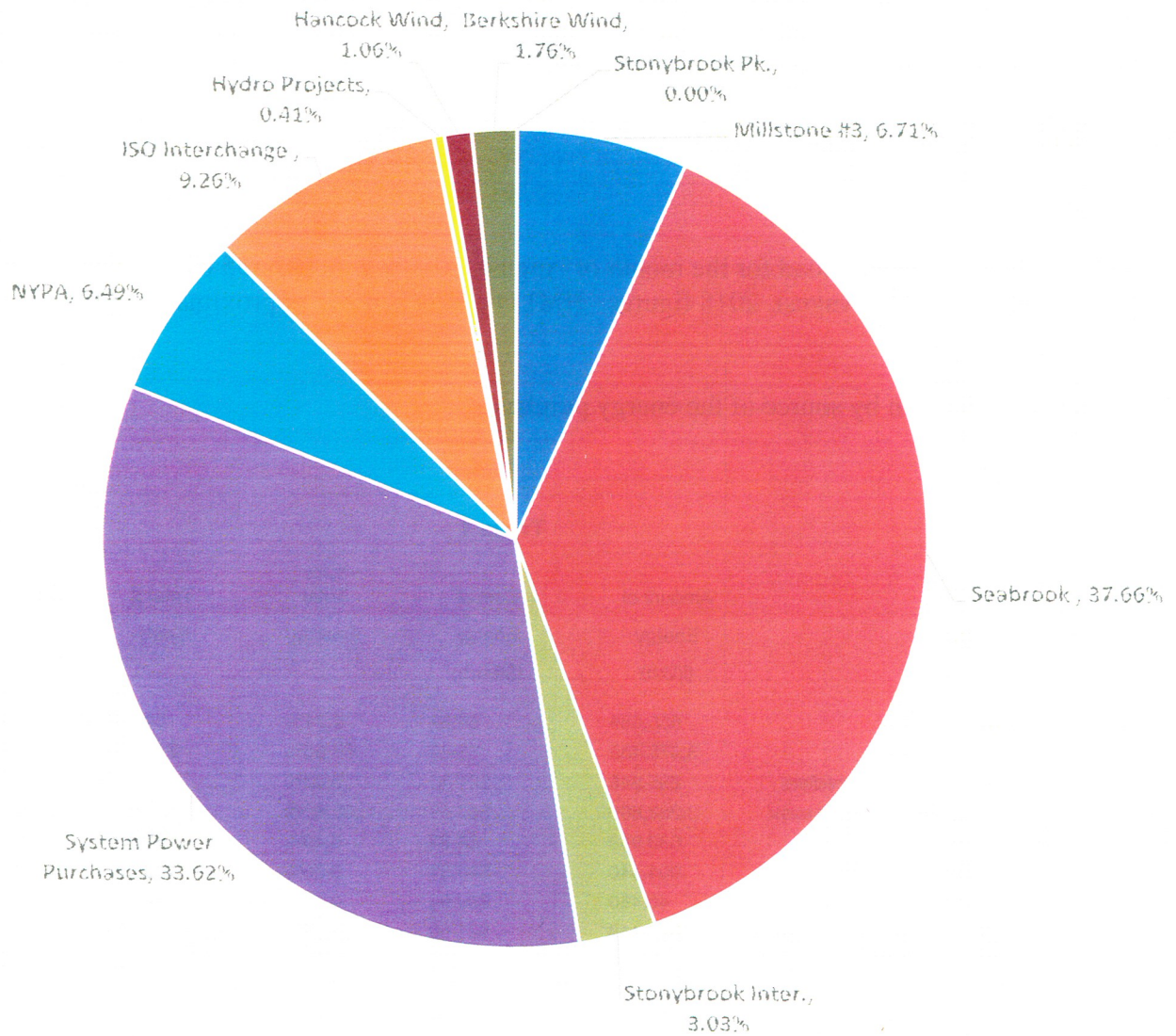
**Table 1**

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of Total Energy	Total \$ Costs	\$ as a %
Millstone #3	655,684	\$6.22	6.71%	\$4,081	1.72%
Seabrook	3,678,455	\$5.27	37.66%	\$19,394	8.17%
Stonybrook Intermediate	295,846	\$21.45	3.03%	\$6,345	2.67%
System Power Purchases	3,283,800	\$47.49	33.62%	\$155,935	65.70%
NYPA	633,950	\$4.92	6.49%	\$3,121	1.32%
ISO Interchange	904,440	\$44.31	9.26%	\$40,077	16.88%
Hydro Projects*	40,460	\$60.94	0.41%	\$2,466	1.04%
Hancock/Berkshire Wind	275,418	\$21.56	2.82%	\$5,939	2.50%
Stonybrook Peaking	0	\$0.00	0.00%	\$0	0.00%
Monthly Total	9,768,053	\$24.30	100.00%	\$237,358	100.00%

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



**August 2019 ENERGY BY RESOURCE**





## CAPACITY

The HMLD hit a demand of 19,546 kW, which occurred on August 19, at 4 pm. The HMLD's monthly UCAP requirement for August 2019 was 36,070 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	921	20.46	\$18,847	6.01%
Seabrook	4,949	20.59	\$101,904	32.52%
Stonybrook Peaking	4,094	2.18	\$8,921	2.85%
Stonybrook CC	6,733	3.66	\$24,661	7.87%
NYP&A	1,034	4.47	\$4,624	1.48%
Hydro Quebec	0	0.00	\$2,585	0.82%
Berkshire Wind	122	271.64	\$33,141	10.57%
ISO-NE Supply Auction	18,217	6.52	\$118,720	37.88%
<b>Total</b>	<b>36,070</b>	<b>8.69</b>	<b>\$313,401</b>	<b>100.00%</b>



## TRANSMISSION

The HMLD's total transmission costs for the month of August 2019, were \$241,727

## Rebates

MMWEC's HELP program completed 6 residential home energy audits during the month of August, 2019. Additionally, HMLD issued \$730 for appliance rebates, \$1,250 in Cool Homes rebates, and \$1,500 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 August, 2019.

Description	60 days	90 days	90 + days	Total
Billings – Electric	\$3,389	\$1,996	\$6,518	\$11,903
			Balance 1 year ago:	\$22,001

## Outages

During the month of August, 2019, there were 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		Time & Duration				Customers	
#	Date	S/U	Address/Location	Description	#	Ints	T off	T on	Mins	# Out	Cust Min
1	8/12/2019	U	28 Lowell Ave	Truck hit Wires	10	1	8/12/19 9:30 PM	8/12/19 10:30 PM	60	9	540
2	8/14/2019	U	Bailey Rd & Chapel Rd	Squirrel	4	1	8/14/19 8:00 AM	8/14/19 9:00 AM	60	20	1200
3	8/26/2019	U	Bullard St	Moter Vehicle	10	1	8/26/19 1:30 AM	8/26/19 5:30 AM	240	7	1680
4	8/28/2019	U	Old South Road	Tree took down wires	5	1	8/28/19 12:30 PM	8/28/19 2:30 PM	120	8	960





## Sales

Description	August, 2019	August, 2018	Variance	%
Metered Load	9,767,535	11,509,826	(1,742,291)	(15.1)%
Billings – kWh sales	11,080,804	11,566,993	(486,189)	(4.2)%
Billings – Electric Sales	\$1,542,931	\$1,562,314	\$(19,383)	(1.2)%
Accounts Billed	8,211	8,200	11	0.1%

## Financial

Summary Financial Results (Unaudited)  
YTD vs Budget  
For the 6 Months Ending August 31, 2019

	YTD	Budget	Variance
Operating Revenue	9,250,800	9,470,948	(220,148)
Power Expense	6,471,616	6,902,346	(430,730)
Dist. Expense	426,847	507,136	(80,289)
Cust. Expense	215,001	213,480	1,521
A&G Expense	1,328,464	1,283,648	44,816
Depreciation Exp	563,660	570,003	(6,343)
Net Oper Income	245,213	(5,665)	250,879
Other Inc.	102,295	120,000	(17,705)
Net Income	347,508	114,335	233,173

