



To: Peter Lukes
From: Jane Parenteau
Date: July 10, 2019
Subject: HMLD Monthly Report – May, 2019

Power Supply

ENERGY

The HMLD's total metered load for the month of May, 2019 was 8,089,335 kWhs, which is a 2.3% decrease from the May, 2018 figures and slightly less than 1% year to date.

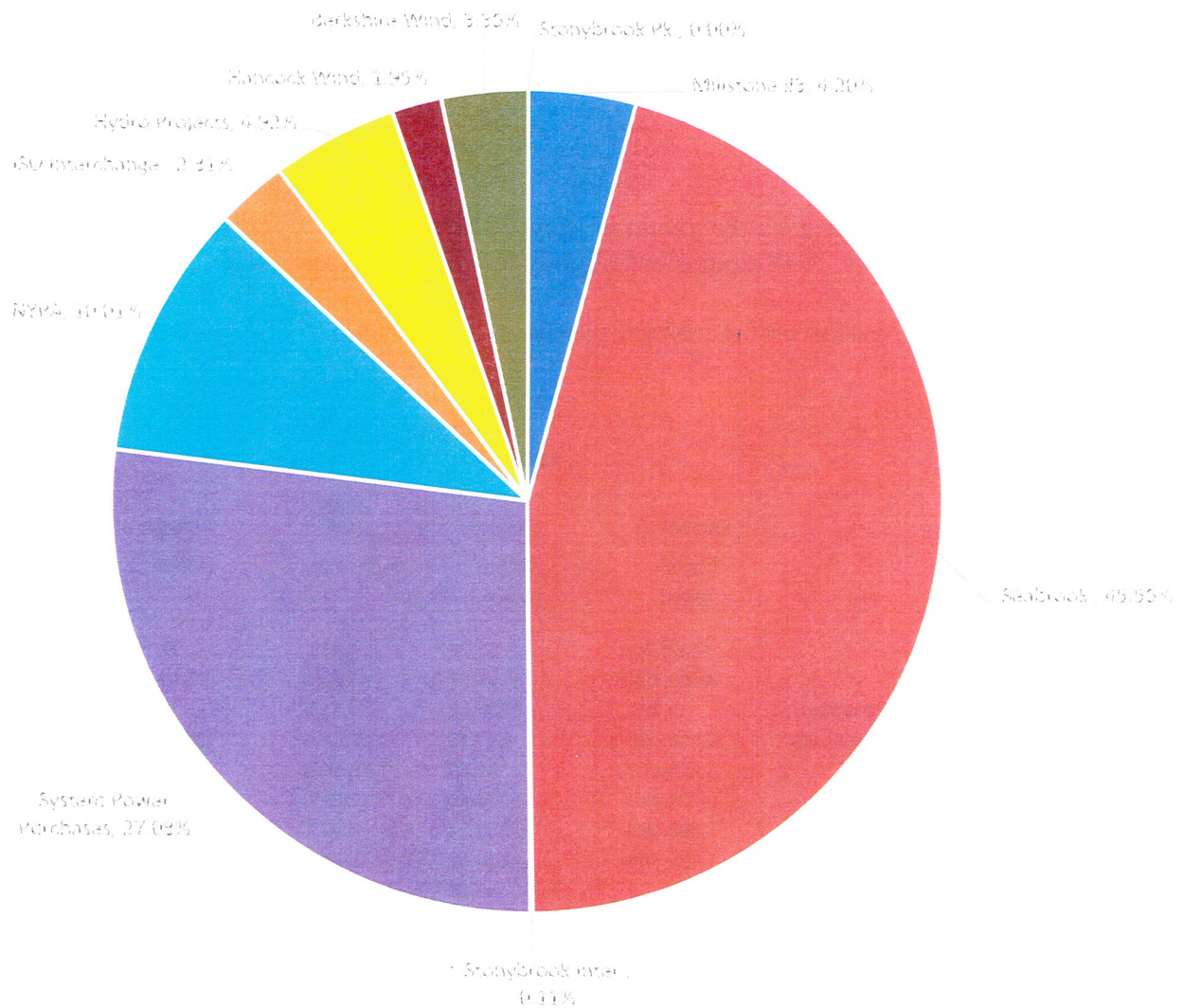
Table 1 is a breakdown by source of the energy purchases.

| Table 1 | | | | | |
|-------------------------|------------------------------|-------------------------------|-------------------------|-------------------|--------------|
| Resource | Amount of Energy (kWh) | Cost of Energy (\$/Mwh) | % of Total Energy | Total \$ Costs | \$ as a % |
| Millstone #3 | 339,781 | \$6.38 | 4.20% | \$2,167 | 1.11% |
| Seabrook | 3,688,504 | \$5.27 | 45.56% | \$19,447 | 9.96% |
| Stonybrook Intermediate | 8,751 | \$31.58 | 0.11% | \$276 | 0.14% |
| System Power Purchases | 2,192,000 | \$51.19 | 27.08% | \$112,199 | 57.48% |
| NYP&A | 810,472 | -\$1.82 | 10.01% | -\$1,476 | -0.76% |
| ISO Interchange | 227,420 | \$120.48 | 2.81% | \$27,400 | 14.04% |
| Hydro Projects* | 398,386 | \$66.04 | 4.92% | \$26,310 | 13.48% |
| Hancock/Berkshire Wind | 429,800 | \$20.62 | 5.31% | \$8,861 | 4.54% |
| Stonybrook Peaking | 0 | \$0.00 | 0.00% | \$0 | 0.00% |
| Monthly Total | 8,095,114 | \$24.11 | 100.00% | \$195,185 | 100.00% |

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



May 2019 ENERGY BY RESOURCE





CAPACITY

The HMLD hit a demand of 14,766 kW, which occurred on May 13, at 8 pm. The HMLD's monthly UCAP requirement for May 2019 was 34,231 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 | 896 | 21.92 | \$19,640 | 5.92% |
| Seabrook | 4,942 | 20.78 | \$102,700 | 30.97% |
| Stonybrook Peaking | 4,094 | 2.08 | \$8,501 | 2.56% |
| Stonybrook CC | 6,733 | 3.51 | \$23,659 | 7.13% |
| NYP&A | 1,034 | 4.69 | \$4,846 | 1.46% |
| Hydro Quebec | 0 | 0.00 | \$2,756 | 0.83% |
| Berkshire Wind | 126 | 299.69 | \$37,761 | 11.39% |
| ISO-NE Supply Auction | 16,406 | 8.03 | \$131,799 | 39.74% |
| Total | 34,231 | 9.69 | \$331,662 | 100.00% |



TRANSMISSION

The HMLD's total transmission costs for the month of May 2019, were \$145,611

Rebates

MMWEC's HELP program completed 11 residential home energy audits during the month of May, 2019. Additionally, HMLD issued \$90 for appliance rebates, \$1,500 in Cool Homes rebates, and \$1,000 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 May, 2019.

| Description | 60 days | 90 days | 90 + days | Total |
|---------------------|---------|---------|---------------------|----------|
| Billings – Electric | \$8,688 | \$3,435 | \$22,957 | \$35,080 |
| | | | Balance 1 year ago: | \$33,610 |

Outages

During the month of May, 2019, there were 6 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 | 5/8/2019 | U | 60 Heather Circle | replace transformer | 1 | 1 | 5/8/19 9:00 AM | 5/8/19 11:00 AM | 120 | 1 | 120 |
| 2 | 5/8/2019 | U | 345 Chaffins Sub Station | Racoon in bay | 4 | 1 | 5/8/19 9:54 PM | 5/8/19 10:30 PM | 36 | 1 | 36 |
| 3 | 5/11/2019 | S | Industrial Dr Innertite | Maintenance on switch gear | 8 | 1 | 5/11/19 7:00 AM | 5/11/19 1:40 PM | 400 | 1 | 400 |
| 4 | 5/11/2019 | U | 158 Elmwood Ave | Broken Wire | 1 | 1 | 5/11/19 2:30 PM | 5/11/19 4:00 PM | 90 | 1 | 90 |
| 5 | 5/18/2019 | S | 54 Plymouth Rd | Low Wires | 8 | 1 | 5/18/19 12:30 PM | 5/18/19 1:30 PM | 60 | 1 | 60 |
| 6 | 5/30/2019 | U | 30 Whitney St | Squirrel | 4 | 1 | 5/30/19 3:35 PM | 5/30/19 11:15 PM | 460 | 1 | 460 |

Sales

| Description | May, 2019 | May, 2018 | Variance | % |
|---------------------------|-------------|-------------|-----------|--------|
| Metered Load | 8,089,335 | 8,281,861 | (192,526) | (2.3)% |
| Billings – kWh sales | 7,321,828 | 7,087,482 | 234,346 | 3.3% |
| Billings – Electric Sales | \$1,039,054 | \$1,011,078 | \$27,976 | 2.8% |
| Accounts Billed | 8,209 | 8,155 | 54 | 0.7% |



Financial

Summary Financial Results (Unaudited)
YTD vs Budget
For the 4 Months Ending May 31, 2019

| | YTD | Budget | Variance |
|-------------------|-----------|-----------|-----------|
| Operating Revenue | 5,627,581 | 5,638,698 | (11,117) |
| Power Expense | 4,047,919 | 4,238,200 | (190,281) |
| Dist. Expense | 281,141 | 316,960 | (35,819) |
| Cust. Expense | 137,053 | 133,425 | 3,628 |
| A&G Expense | 769,529 | 802,280 | (32,751) |
| Depreciation Exp | 350,880 | 356,252 | (5,372) |
| Net Oper Income | 41,059 | (208,419) | 249,477 |
| Other Inc. | 80,893 | 75,000 | 5,893 |
| Net Income | 121,951 | (133,419) | 255,370 |
| | | | |

Operations Update

- Continue framing new poles along Reservoir St for the upcoming re-conductoring project
- Continue re-conductoring Valley Hill, Terrie Ln and Greenwood Parkway
- Continue to remove old 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
- ROW and road way /canopy trimming of Shrewsbury St., Begin ROW South Main St. 3 phase from Newell Rd to Adams Rd
- Awaiting EPA grant to help pay for the new truck 25(Service Bucket Truck)



- Continue to convert all Main St decorative lights to LED

Major Outages:

- June 11th 5:16 pm, Raven flew into Chaffins Sub causing the 68 South and 68 North breakers to operate causing a momentary loss of power
- June 14th 7:07 pm, a large tree limb came in contact with field and center phases South Main St. A1 feeder causing both phases to burn down. Crews isolated the area, repaired the break and restored power just after 9pm.

Personal:

- John Harris fell from truck and fractured collar bone.
- Hired a new 1st Class Lineworker Brad Tervo from National Grid
- Posted Groundman Position.