

**ecomaine**  
Memorandum

**DATE:** October 12, 2018  
**TO:** Chairman and Members of the Board  
**FROM:** Kevin H. Roche, CEO/General Manager  
**SUBJECT:** Agenda - Executive Committee Meeting

There is an **ecomaine** Executive Committee meeting **scheduled for October 18, 2018 @ 4:00 PM.**  
The agenda for this meeting is as follows:

1. Approval of the Minutes (*Attachment A*)
2. Outreach & Recycling Committee Report – Caleb Hemphill, Chair
3. Finance & Audit Committee Report – Erik Street, Chair
  - Update – Tipping Fees on Single Sort Recyclables (*Attachment B*)
4. **Executive Session:** – To discuss the Collective Bargaining Agreement between **ecomaine** and **Local 877 & Local 4, International Union of Operating Engineers**. IAW – Section 405 – 6 D of Title 1 of the Maine Revised Statutes.
  - Approval of the Agreement between **ecomaine** and **Local 877 & Local 4, International Union of Operating Engineers**
5. Manager’s Report:

Financial Statements **FY 19**

- Financial Summary (*Attachment C1*)
- Tonnage Graph (*Attachment C2*)
- Statement of Revenue & Expenses (*Attachment C3*)
- Statistical Data (*Attachment C4*)
- Summary Analysis of All Tons by Community (*Attachment C5*)
- Historical Generations Summary (*Attachment C6*)
- Update – Recycling Markets
- Update – Fire Prevention, Detection & Response
- Update – Regional Collection Project
- Upcoming Outage – 10/22/2018 – 11/03/2018
- Update – Building Construction
- Update – Legislative & DEP

5. Other:

**Future Committee Meetings:**

Outreach & Recycling	November 8, 2018 @ 4:00PM	Outreach & Recycling	March 7, 2019 @ 4PM
Finance & Audit	November 15, 2018 @ 3PM	Full Board of Directors	March 21, 2019 @ 4PM
Full Board of Directors	November 15, 2018 @ 4PM	Finance & Audit Budget Review	April 4, 2019 @ 4PM
Executive Committee	December 20, 2018 @ 4PM	Full Board of Directors	April 18, 2019 @ 4PM
Finance & Audit	January 17, 2019 @ 3PM	Finance & Audit	May 16, 2019 @ 3PM
Full Board of Directors	January 17, 2019 @ 4PM	Executive Committee	May 16, 2019 @ 4PM
Outreach & Recycling	January 24, 2019 @ 4PM	Outreach & Recycling	May 23, 2019 @ 4PM
Outreach & Recycling	February 14, 2019 @ 3PM	Annual Meeting	June 20, 2019 @ 11:30AM
Executive Committee	February 14, 2019 @ 4PM		

The Executive Committee may wish to go into Executive Session for any of the above items under Section 405 of Title 1 of the Maine Revised Statutes ([per the following legislative website: http://janus.state.me.us/legis/statutes/1/title1ch13sec0.html](http://janus.state.me.us/legis/statutes/1/title1ch13sec0.html).)

10/12/2018

**Memorandum**

**DATE:** January 3, 2018  
**TO:** Chairman and Members of the Board  
**FROM:** Kevin H. Roche, CEO/General Manager  
**SUBJECT:** Executive Committee Minutes – December 21, 2017

There was an Executive Committee Meeting held on the date noted above. The meeting was called to order by Troy Moon, Chairman @ 4:03pm.

**Item #1:** Approval of the Minutes

Linda Boudreau motioned to accept the minutes as written. The motion was seconded by Dave Morton. All in favor

**Item #2:** Audit Committee Report, Erik Street Chair

The Audit Committee last met on September 21, 2017 and reported out to the Full Board in October.

The next Audit Meeting is scheduled for January 18, 2018 and will be a joint meeting with the Finance Committee to discuss the pros and cons of merging the two committees together.

**Item # 3:** Outreach & Recycling Committee Report, Caleb Hemphill, Chair

Caleb Hemphill provided an update on the school grants program and the upcoming deadline of eco-excellence nominations.

- Deadline for nominations is January 19, 2018
- eco-Excellence Ceremony March 6, 2018
- eco-Excellence Ceremony Rain date – March 20, 2018

The next Outreach & Recycling Committee meeting is January 25, 2018 @ 4pm at which time the committee will judge the nominations.

**Item # 4:** Finance Committee Report, Mike Shaw, Chair

Mike Shaw provided a summary of the Joint meeting with Executive on November 16<sup>th</sup>, 2017 and reported out on the following items of discussion:

- Reviewed with staff the cash disbursement no materials issues were noted since last review.
- Daniel Lay & Molly Reinfried from HM Payson provided an update on our investment & returns and discussed the concept of increasing shares allowed under our current policy.
- Review and discussion by the committees of the redline version of the cash reserve and investment policy in detail.

After a lengthy discussion of the concept of increasing and the cash reserve policy by the two committees to include the recommendations of HM Payson it was recommended that the policy be modified to reflect more flexibility in working towards obtaining **ecomaine's** long term financial goals.

The 1<sup>st</sup> reading of the investment policy will be take place at the Full Board at the January 18<sup>th</sup> 2018 meeting and again in March of 2018.

The next meeting of the Finance Committee will is a joint meeting with the Audit Committee scheduled for January 18, 2018 to discuss the following:

- Cash Disbursements
- Financials FY 18
- Combining Finance & Audit into one committee.

All are invited to attend.

**Item #5: Approval to change the ecomaine Retirement Plan Provider**

Art Birt reviewed the memorandum dated December 5, 2017 to the executive committee from Kevin Roche CEO on the **ecomaine** Retirement Plan. He provided the committee with background on our current provider Med Life & our interest in obtaining services from ICMA-RC.

He summarized our current working through details of the change. Staff would terminate our current relationship with (Met Life) and the creation two new plans under ICMA-RC.

There was a lengthy discussion on employee contributions, surrender fees, market value adjustments and other cost associated with the termination of Met Life.

Staff discussed the performance portfolio review completed by Steve Eddy, Old Port Advisor and other measures investigative efforts to avoid fees. There was a lengthy discussion on dollar value fees and potential ways to avoid fees to include reaching out to the board for assistance.

Dave Morton motioned to authorize staff to proceed with the termination of our current retirement plan provider and changes in the current retirement plans. The motion was seconded by Rod Regier. All in favor.

**Item #6: Collection Study Food Waste Bags**

Kevin Roche reported on recent food waste pilot collection for the Town of Scarborough. There was a lengthy discussion of the collection to include bag performance, truck automation capacity and current blue bag patent program.

The committee recommended that staff continue the investigative process to assist us in making an informed decision. The committee looks forward to reviewing Ted Siegler's Feasibility Study in February.

**Item #7: Juniper Ridge Landfill license Amendment (State own Landfill)**

Kevin provided history on the state owned landfill operated by Casella and their request for an amendment of their license submitted to DEP for an additional 2 years of operations.  
**ecomaine's** work with the State during the hearings.

The board encouraged staff to continue its efforts with legislation that consistent with State policy.

**Item #8:**      **Managers Report**

Kevin briefed the board on the following items:

- Status of the agreement with Lab USA – close to agreement once signed will be the permitting process.
- Fire in recycling. There was a brief discussion and a recommendation that the Outreach & Recycling consider including education to communities.
- Financials FY 18

Linda Boudreau motioned to adjourn. The motion was seconded by Dennis Abbott. All in favor.

**Present:**

Dennis Abbott, Maxine Beecher, Linda Boudreau, Christopher Branch, William Donovan, Caleb Hemphill, Troy Moon, Dave Morton, Bob Randall, Tony Plante, Rod Regier, Mike Shaw, Erik Street, Matthew Sturgis, Len Van Gaasbeek & Rob Wood

**Staff:**

Arthur Birt, Denise Mungen & Kevin Roche

**Memorandum**

**DATE:** September 10, 2018  
**TO:** Members of the Finance Committee  
**FROM:** Kevin H. Roche, CEO  
**RE:** Rates for FY 19 & FY 20

Each September, we review our 5 year financial plan with the Board and recommend rates for the following year. After a careful review of the cash flow projections for the next 5 years, staff is making the following recommendations on tipping fees:

- **Municipal Solid Waste (MSW):** The 5 year financial projections are showing a decrease in our cash position that will not meet our goals in our Cash Reserve Policy. In our review with the board last year, we discussed the need to keep annual rate increases for MSW at a reasonable level. Consistent with this expectation, staff is recommending that we increase the MSW tipping fees 3.5% (from \$70.50 to \$73 per ton) beginning July 1<sup>st</sup>, 2019. We will review the 5 year plan at the Committee meeting next week.
- Over the last 12 months, the recycling markets have deteriorated to unprecedented levels. Owner communities have been covering the increased recycling costs with our cash reserves. Unfortunately the market has not rebounded as hoped and China continues to ban many scrap imports. Due to the glut of paper in the market, staff is recommending that we begin charging \$15 per ton for single-sort recyclables beginning November 1, 2018 and then increase the recycling fee to \$35 per ton beginning July 1<sup>st</sup>, 2019. While tipping fees for recyclables have been free for many years, the new regulations combined with market forces have increased recycling costs for communities all over the world. We continue to have hope that demand for recyclables will improve in the near future.

# Financial Summary September, 2018 (FY19)

Revision - ATTACHMENT C1

<u>Revenues YTD- Compared to Budget and Last Year</u>						
Compared to Budget				Compared to Prior Year		
	Revenue YTD	Units	Revenue \$/Units	Revenue YTD	Units	Revenue \$/Units
Owner	↑ \$40,993	↑ 4%	↑ 0%	↑ \$41,339	↑ 4%	↑ 0%
Associate	↑ \$4,644	↓ 2%	↑ 3%	↑ \$3,882	↓ 2%	↑ 3%
Contract	↑ \$79,103	↓ 12%	↓ 8%	↑ \$220,027	↑ 135%	↑ 35%
Commercial	↑ \$219,073	↑ 15%	↑ 1%	↑ \$215,698	↑ 15%	↑ 0%
Spot	↑ \$14,200	↑ 15%	↑ 0%	↓ \$359,436	↓ 81%	↑ 24%
Recycling	↓ \$124,063	↓ 10%	↓ 38%	↓ \$574,331	↓ 10%	↓ 67%
Assessments/Rebates	\$0			\$0		
Electrical	↑ \$29,250	↓ 4%	↑ 8%	↑ \$23,766	↓ 2%	↑ 4%
Overall	↑ \$105,162			↓ \$428,500		

<u>Cash Expenses YTD</u>			
Expense	Status	% of Annual Budget	Notable Items Affecting Expenses YTD
Total Departmental Costs	↓ \$514,293	20%	<b>Favorable</b> * Recycle Material (\$79k) - markets differences on cardboard * Spare Parts (\$57k) - recycling parts replacement will occur in late 2018, early 2019 * Contingent (\$63k) - contingency expense will be recongized late-FY2019 * Industrial Cleaning (\$31k) - landfill work in progress, expense will occur in October * Chemicals (\$34k) - Favorable usage of lime, carbon and urea in ops * Payroll & Benefits (\$260k) - Ops has 2 open positions, Union & NonUnion Raises has yet to be processed in September 2018 <b>Unfavorable</b> * Temporary Labor (\$130k) - extra staff at recycling to meet market specification

<u>Revenue Less Expenses</u>	YTD vs. Budget YTD		YTD vs. Prior YTD	
	Rev. - Exp.	%	Rev. - Exp.	%
	↑ \$1,438,738	444%	↓ \$77,877	↓ 7%

<u>Cash Flow</u>	
Current Position	Notes
Cash on 7/1/2018	\$30,335,576
Cash Generated	\$990,176
Non-Operating Income	\$802,462
Capital Expenditures	-\$869,379
Current Cash Position	\$31,258,836
	Increased by \$923,260

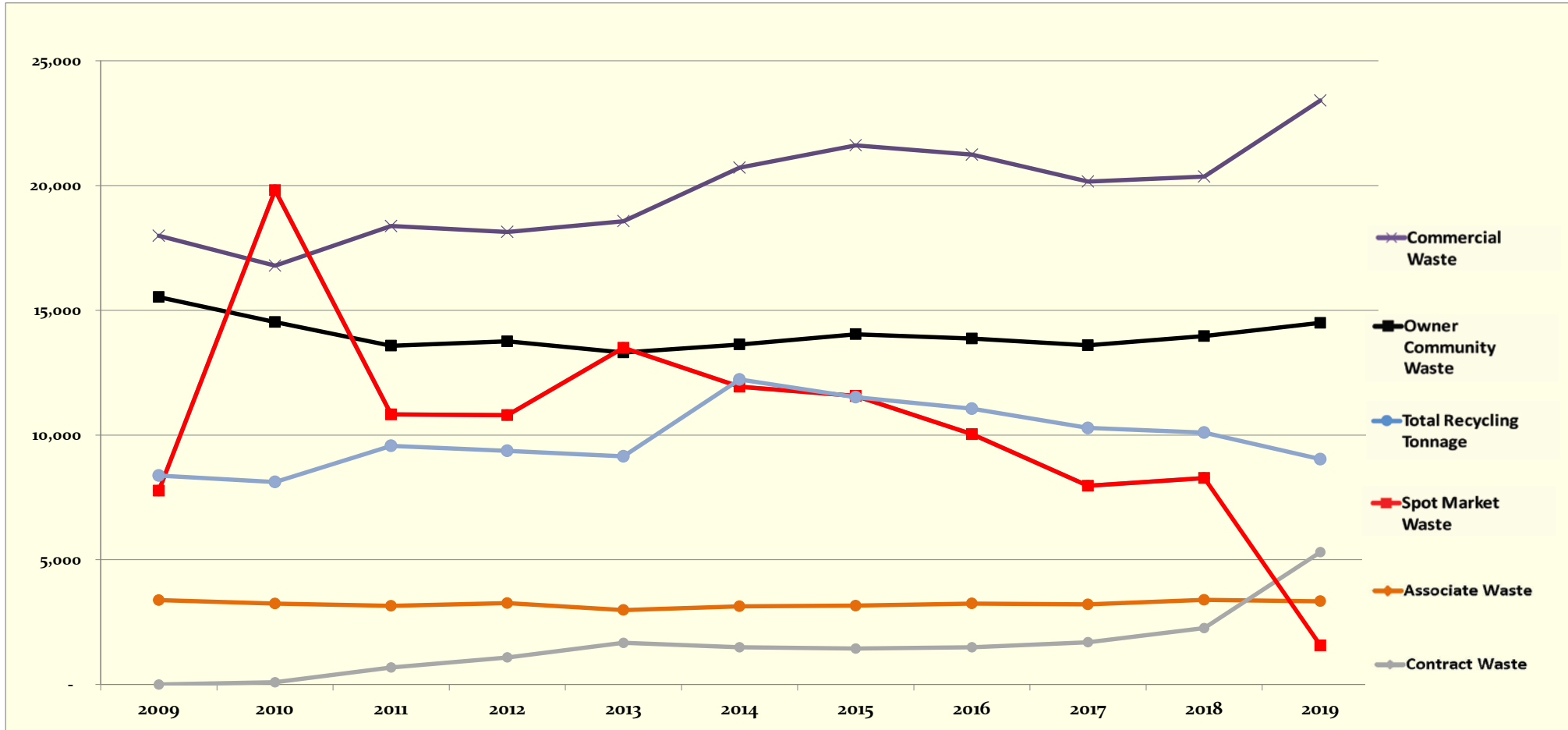
<u>Average WTE Operations</u>				
Month	Power Sold % Capacity	Avg. Boiler Availability %	Sales-MWHRs	Notes
August	85%	98%	7,693	
September	84%	95%	7,329	

<u>Food Waste YTD Tonnage</u>			
	Food Waste In	Food Waste Out	Food Waste Contaminates
Food Waste Tonnages	1,522	1,349	624

<u>Recycling Markets</u>						
Materials	FY18 YTD Average	FY19 YTD Average	Variance			Current Prices
Cardboard	\$185	\$85	↓ -54%			\$84
Paper	\$69	-\$26	↓ -138%			-\$16
Cans	\$158	\$185	↑ 17%			\$185
#2 Natural Plastic	\$580	\$880	↑ 52%			-
#2 Colored Plastic	\$330	\$305	↓ -8%			\$290
#1 PET Plastic	\$293	\$296	↑ 1%			-
Post Burn Metal	\$64	\$103	↑ 60%			\$131



September Year to Date Tonnage - FY18



2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
15,528	14,527	13,578	13,753	13,306	13,630	14,041	13,865	13,596	13,965	14,493	<b>Owner Community Waste</b>
3,382	3,242	3,154	3,263	2,984	3,135	3,159	3,248	3,210	3,391	3,338	<b>Associate Waste</b>
-	91	685	1,086	1,671	1,495	1,441	1,493	1,696	2,262	5,309	<b>Contract Waste</b>
17,986	16,790	18,374	18,139	18,573	20,720	21,612	21,237	20,158	20,360	23,408	<b>Commercial Waste</b>
7,771	19,811	10,824	10,799	13,493	11,938	11,566	10,031	7,967	8,275	1,569	<b>Spot Market Waste</b>
44,666	54,461	46,615	47,040	50,027	50,918	51,819	49,875	46,626	48,253	48,117	<b>Total Waste</b>
8,374	8,119	9,568	9,368	9,144	12,226	11,517	11,056	10,281	10,098	9,032	<b>Recycling (Inbound)</b>

## Statement of Revenue &amp; Expenses September, 2018 (FY19)

	Actual - Prior Years YTD			Current Year To Date			FY19 to FY18
	2015	2016	2017	Actual	Budget	Variance	Variance
<b>Operating revenues</b>							
Municipal assessments & rebates	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Owners tipping fees	967,910	954,004	972,443	1,013,782	972,789	40,993	41,339
Assoc. tipping fees	263,209	268,351	286,641	290,523	285,879	4,644	3,882
Contract tipping fees	84,449	98,102	101,625	321,652	400,755	(79,103)	220,027
Commercial tipping fees	1,382,340	1,399,551	1,400,919	1,616,617	1,397,544	219,073	215,698
Spot market tipping fees	560,756	467,878	470,080	110,644	96,444	14,200	(359,436)
Electrical generating revenues	907,695	941,701	960,004	983,770	954,520	29,250	23,766
Sales of recycled goods	723,468	917,124	1,040,942	369,913	561,323	(191,410)	(671,029)
Recycling tipping fees	43,548	11,950	4,714	101,412	34,065	67,347	96,698
Other operating income	26,050	25,237	25,738	26,293	26,124	169	555
<b>Total operating revenues</b>	<b>\$4,959,426</b>	<b>\$5,083,897</b>	<b>\$5,263,106</b>	<b>\$4,834,606</b>	<b>\$4,729,443</b>	<b>\$105,162</b>	<b>(\$428,500)</b>
<b>Operating expenses</b>							
Administrative expenses	694,197	605,237	614,810	637,721	720,285	82,564	(22,911)
Waste-to-energy operating expenses	1,894,331	1,826,603	1,871,035	1,791,781	2,143,773	351,993	79,254
Recycling operating expenses	514,333	501,347	547,690	571,460	619,438	47,977	(23,771)
Landfill/ashfill operating expenses	325,593	383,631	347,815	371,047	402,806	31,759	(23,232)
Contingency	0	0	0	0	62,500	62,500	0
Landfill closure & post-closure care costs	64,984	73,871	66,353	63,721	68,750	5,029	2,632
Post-retirement benefit - health Care	17,615	17,615	17,615	21,249	21,250	1	(3,635)
Depreciation & amortization	1,023,306	1,051,770	1,055,630	1,043,081	1,025,856	(17,225)	12,549
<b>Total operating expenses</b>	<b>\$4,534,360</b>	<b>\$4,460,073</b>	<b>\$4,520,947</b>	<b>\$4,500,061</b>	<b>\$5,064,658</b>	<b>\$564,598</b>	<b>\$20,887</b>
<b>Net operating income</b>	<b>\$425,066</b>	<b>\$623,824</b>	<b>\$742,158</b>	<b>\$334,545</b>	<b>(\$335,215)</b>	<b>\$669,760</b>	<b>(\$407,613)</b>
<b>Non-operating income (expense)</b>							
Non Investment Interest	11,381	11,648	10,284	12,909	11,250	1,659	2,625
Investment Income Net of Expenses	(300,643)	271,325	439,798	789,553	0	789,553	349,755
Misc. Income / (Expenses)	(268)	(1,168)	410	(22,234)	0	(22,234)	(22,644)
<b>Net non-operating</b>	<b>(\$289,531)</b>	<b>\$281,805</b>	<b>\$450,492</b>	<b>\$780,228</b>	<b>\$11,250</b>	<b>\$768,978</b>	<b>\$329,736</b>
<b>Total Revenue Less Expenses</b>	<b>\$135,535</b>	<b>\$905,629</b>	<b>\$1,192,650</b>	<b>\$1,114,773</b>	<b>(\$323,965)</b>	<b>\$1,438,738</b>	<b>(\$77,877)</b>



ecomaine									
Statistical Data September, 2018 (FY19)									
	Actual - YTD			Year to Date 2019				Year to Date Vs. Last Year	
	2016	2017	2018	Actual	Budget	Var - Fav / (Unfav)		Var-Fav / (Unfav)	
						Units	%	Units	%
<b>MSW - Tons</b>									
Owner	13,865	13,596	13,965	14,493	13,944	549	3.9%	528	3.8%
Associate	3,248	3,210	3,391	3,338	3,392	(54)	-1.6%	(54)	-1.6%
Contract	1,493	1,696	2,262	5,309	6,059	(750)	-12.4%	3,047	134.7%
Commercial	21,237	20,158	20,360	23,408	20,412	2,996	14.7%	3,049	15.0%
Spot	10,031	7,967	8,275	1,569	1,368	201	14.7%	(6,706)	-81.0%
Total MSW	49,875	46,626	48,253	48,117.26	45,175	2,942	6.5%	(136)	-0.3%
<b>Recycle - Tons</b>									
Inbound - MRF only	11,056	10,281	10,098	9,032	10,098	(1,067)	-10.6%	(1,067)	-10.6%
Outbound- MRF only including glass	9,857	9,237	9,153	8,251	9,153	(902)	-9.9%	(902)	-9.9%
Outbound- Post Burn	1,059	1,160	1,027	980	1,027	(47)	-4.5%	(47)	-4.5%
Outbound- Landfill Metal Mining	(24)	-	-	-	-	0		0	
Outbound Total	10,892	10,397	10,180	9,231	10,180	(948)	-9.3%	(948)	-9.3%
<b>MSW - Revenue \$/Ton</b>									
Owner	\$69.81	\$70.17	\$69.64	\$69.95	\$69.76	\$0.19	0.3%	\$0.31	0.5%
Associate	81.03	83.60	84.52	87.04	84.28	2.76	3.3%	2.52	3.0%
Contract	56.55	57.84	44.92	60.59	66.14	(5.55)	-8.4%	15.67	34.9%
Commercial	65.09	69.43	68.81	69.06	68.47	0.59	0.9%	0.25	0.4%
Spot	55.90	58.73	56.81	70.50	70.50	0.00	0.0%	13.69	24.1%
Total MSW	65.34	68.37	66.97	69.69	69.80	(0.12)	-0.2%	2.71	4.1%
<b>Recycle - Revenue \$/Ton</b>									
\$/Ton Outbound (Includes glass/metals)	\$70.42	\$89.36	\$102.72	\$51.06	\$60.43	(\$9.37)	-15.5%	(\$51.66)	-50.3%
\$/Ton Inbound- Rev/Cost Sharing	63.69	87.16	96.79	31.68	50.94	(19.26)	-37.8%	(65.11)	-67.3%
<b>Energy</b>									
MWH's Sold	24,594	24,196	23,095	22,651	23,646	(995)	-4.2%	(444)	-1.9%
\$/MWH	\$36.91	\$38.92	\$41.57	\$43.43	\$40.37	\$3.06	7.6%	\$1.86	4.5%
Steam Plant Capacity Factor %	96.2%	96.6%	96.8%	99.4%					
Average Boiler Availability %	97.1%	96.8%	97.7%	96.4%	95.0%				
Steam Plant Capacity Utilization %	99.0%	99.8%	99.1%	103.2%					
Power Capacity Factor %	91.0%	89.6%	84.2%	83.8%					
Power Sold - % of Capacity to Sell	92.1%	90.6%	86.4%	84.8%	88.5%				

**Steam Plant Capacity Factor %** - Steam from the two boilers as a % of the total unadjusted capacity (144,000 lbs./hour for time in period with no down time)

**Average Boiler Availability %** - Percent of hours that boilers are available to burn MSW during period - reflects time out of service for boilers due to equipment problems

**Steam Plant Capacity Utilization %** - Steam from the two boilers as a % of the adjusted capacity (144,000 lbs./hour for time in period less time not on MSW)

**Power Capacity Factor %** - Actual power produced (MWH's) by the turbine as a % of the rated capacity (14.1 MW's) for all hours in the period

**Power Sold - % of Capacity to Sell** - Power sold (MWH's) on grid as a % of the power available to sell (generation net of internal load -- 12.1 MW's) for the given time period

Summary Analysis of All Tons - Detail

July 1, 2018 to September 30, 2018

Community	Waste			Food Waste			Bulky/Other			Recycle		
	FY18	FY19	over/(under)	FY18	FY19	over/(under)	FY18	FY19	over/(under)	FY18	FY19	over/(under)
BRIDGTON	776	761	(14)	-	-	-	17	57	40	178	173	(5)
CAPE ELIZABETH	590	542	(48)	-	-	-	70	134	64	282	237	(45)
CASCO	286	272	(14)	-	-	-	-	-	-	141	116	(25)
CUMBERLAND	351	380	28	-	-	-	-	-	-	218	203	(15)
FALMOUTH	520	570	50	-	-	-	43	37	(6)	386	334	(52)
FREEPART	394	424	30	-	-	-	-	-	-	196	210	14
GORHAM	653	731	78	-	-	-	-	2	2	296	255	(42)
GRAY	763	737	(26)	-	-	-	-	-	-	-	-	-
HARRISON	293	294	-	-	-	-	-	-	-	62	54	(8)
HOLLIS	285	307	22	-	-	-	-	-	-	77	64	(14)
LIMINGTON	456	447	(9)	-	-	-	-	-	-	31	18	(13)
LYMAN	343	373	30	-	-	-	59	87	28	62	55	(7)
NORTH YARMOUTH	166	173	7	-	-	-	-	-	-	101	96	(5)
PORTLAND	2,400	2,483	83	-	-	-	-	-	-	1407	1416	9
POWNA	61	65	4	-	-	-	-	-	-	39	32	(7)
SCARBOROUGH	1,502	1,548	46	7	-	(7)	-	-	-	640	600	(40)
SOUTH PORTLAND	1,586	1,496	(90)	14	-	(14)	361	423	61	586	578	(7)
WATERBORO	558	590	32	-	-	-	132	186	54	133	92	(41)
WINDHAM	621	658	37	-	-	-	4	-	(4)	374	355	(19)
YARMOUTH	502	519	17	-	-	-	150	198	48	276	240	(36)
<b>Owner Member Total</b>	<b>13,107</b>	<b>13,370</b>	<b>263</b>	<b>21</b>	<b>-</b>	<b>(21)</b>	<b>837</b>	<b>1,123</b>	<b>287</b>	<b>5,485</b>	<b>5,128</b>	<b>(357)</b>
NAPLES	323	326	3				-	-	-	-	-	-
PARSONFIELD	201	198	(3)				-	-	-	22	20	(2)
SACO	1,352	1,456	104				-	-	-	437	433	(4)
STANDISH	772	834	62				37	44	6	72	146	74
TRI-TOWN (BALDWIN, HIRAM & PORTER)	445	465	19				23	15	(8)	42	47	5
BALDWIN	148	155	6				8	5	(3)	14	16	2
HIRAM	148	155	6				8	5	(3)	14	16	2
PORTER	148	155	6				8	5	(3)	14	16	2
<b>Associate Member Total</b>	<b>3,093</b>	<b>3,279</b>	<b>186</b>				<b>60</b>	<b>59</b>	<b>(2)</b>	<b>573</b>	<b>646</b>	<b>73</b>
ANDOVER	-	-	-				-	-	-	17	13	(4)
AUGUSTA	-	-	-				-	-	-	107	91	(15)
BROWNFIELD	-	-	-				-	-	-	26	27	1
BROWNFIELD WASTE	-	77	77				-	-	-	-	-	-
CARME	-	-	-				-	-	-	17	13	(4)
CHEBEAGUE ISLAND	87	101	14				-	-	-	21	19	(2)
CHELSEA	-	-	-				-	-	-	-	5	5
CORNISH	-	-	-				-	-	-	13	11	(2)
ELIOT	76	100	23				48	73	25	-	-	-
ETNA	-	-	-				-	-	-	8	-	(8)
FRYEBURG	-	-	-				-	-	-	109	102	(7)
GLENBURN	-	-	-				-	-	-	23	22	(1)
GREENLAND, NH	-	-	-				-	-	-	96	95	(1)
JAY	-	-	-				-	-	-	44	50	6
KITTERY	487	474	(13)				-	-	-	-	-	-
LIMERICK	352	382	29				36	47	11	28	30	1
LIVERMORE FALLS	133	124	(9)				-	-	-	29	25	(4)
MANCHESTER	-	-	-				-	-	-	34	26	(8)
MIDCOAST	-	1,759	1,759				-	-	-	-	-	-
MONMOUTH	-	-	-				-	-	-	76	70	(6)
NEWBURGH	-	-	-				-	-	-	12	8	(4)
NEWINGTON	-	-	-				-	-	-	23	22	(1)
NORTH HAVEN	84	89	5				-	-	-	31	28	(2)
OHSTT	-	864	864				-	-	-	-	37	37
OLD ORCHARD	-	-	-				-	-	-	238	163	(75)
OTISFIELD	-	-	-				-	-	-	-	16	16
POLAND	-	-	-				-	-	-	84	81	(3)
READFIELD/WAYN	-	-	-				-	-	-	89	70	(18)
ROCKLAND	-	555	555				-	-	-	-	-	-
SANFORD	-	-	-				109	136	27	473	351	(123)
SHAPLEIGH	-	-	-				-	-	-	44	42	(2)
STETSON	-	-	-				-	-	-	6	5	(1)
STOCKTON SPRINGS	-	-	-				-	-	-	8	-	(8)
SWANS ISLAND	-	-	-				-	-	-	10	26	15
TRI-COUNTY	-	294	294				-	-	-	-	-	-
WATERVILLE	-	-	-				-	-	-	126	111	(15)
WOOLWICH	208	235	27				-	-	-	54	62	8
<b>Contract Member Total</b>	<b>1,428</b>	<b>5,053</b>	<b>3,624</b>				<b>193</b>	<b>256</b>	<b>63</b>	<b>1,848</b>	<b>1,621</b>	<b>(227)</b>
<b>Commercial Total</b>	<b>15,444</b>	<b>18,504</b>	<b>3,060</b>	<b>-</b>	<b>1,522</b>	<b>1,522</b>	<b>2,546</b>	<b>3,382</b>	<b>836</b>	<b>2,088</b>	<b>1,637</b>	<b>(450)</b>
<b>Spot Market Total</b>	<b>7,646</b>	<b>1,569</b>	<b>(6,077)</b>				<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Grand Totals</b>	<b>40,719</b>	<b>41,774</b>	<b>1,055</b>	<b>21</b>	<b>1,522</b>	<b>1,501</b>	<b>3,636</b>	<b>4,821</b>	<b>1,184</b>	<b>9,993</b>	<b>9,032</b>	<b>(962)</b>

Historical Generation Summary

ATTACHMENT C6

Month / Year	Facility Availability	On Peak KWHs	Off Peak KWHs	Total KWHs	On Peak Rate	Off Peak Rate	Electricity Revenues	ISONE Market Revenues	ISONE Day Ahead Energy
Oct-16	86%	3,266,909	3,705,698	6,972,607	\$0.03768	\$0.02712	\$250,342	\$181,060	\$154,314
Nov-16	91%	3,446,625	3,753,281	7,199,906	\$0.04217	\$0.03289	\$294,422	\$205,078	\$179,446
Dec-16	97%	3,310,435	4,033,021	7,343,456	\$0.04895	\$0.03806	\$341,175	\$415,306	\$389,673
Jan-17	96%	2,955,408	3,727,043	6,682,451	\$0.06833	\$0.05408	\$444,232	\$307,056	\$266,325
Feb-17	97%	2,789,835	3,055,834	5,845,669	\$0.06429	\$0.05131	\$372,331	\$206,816	\$170,638
Mar-17	91%	3,244,869	3,779,313	7,024,182	\$0.04843	\$0.03790	\$338,381	\$283,567	\$245,570
Apr-17	83%	2,824,082	3,954,688	6,418,770	\$0.03558	\$0.02618	\$231,780	\$202,464	\$174,699
May-17	93%	3,598,629	3,852,465	7,451,094	\$0.03023	\$0.02120	\$229,274	\$224,200	\$185,385
Jun-17	96%	3,651,175	3,797,778	7,448,953	\$0.03207	\$0.02129	\$284,508	\$270,207	\$183,647
Jul-17	93%	3,188,959	4,288,568	7,477,527	\$0.04147	\$0.02431	\$323,111	\$288,452	\$201,843
Aug-17	100%	3,842,246	4,205,082	8,047,328	\$0.03860	\$0.02194	\$328,177	\$282,647	\$195,040
Sep-17	100%	3,273,470	4,296,437	7,569,907	\$0.03700	\$0.01969	\$274,814	\$248,563	\$179,464
Oct-17	81%	2,754,238	3,508,041	6,262,279	\$0.03920	\$0.02151	\$242,520	\$242,336	\$183,239
Nov-17	94%	3,302,535	3,777,658	7,080,193	\$0.03620	\$0.02706	\$305,108	\$326,146	\$242,814
Dec-17	84%	2,562,192	3,747,691	6,309,883	\$0.05211	\$0.04169	\$371,530	\$538,471	\$456,698
Jan-18	98%	3,547,121	3,934,352	7,481,473	\$0.07706	\$0.05839	\$590,632	\$857,337	\$769,774
Feb-18	99%	3,193,218	3,680,503	6,873,721	\$0.08393	\$0.06922	\$603,125	\$346,139	\$265,785
Mar-18	86%	2,497,017	3,203,098	5,700,115	\$0.05411	\$0.04482	\$351,571	\$275,371	\$202,477
Apr-18	77%	2,793,025	3,186,637	5,979,662	\$0.03281	\$0.02437	\$248,399	\$331,361	\$252,259
May-18	99%	3,989,257	4,303,506	8,292,763	\$0.02829	\$0.01983	\$280,656	\$270,662	\$188,200
Jun-18	93%	3,420,182	4,066,778	7,486,960	\$0.02928	\$0.01989	\$295,386	\$312,080	\$197,726
Jul-18	96%	3,403,155	4,226,642	7,629,797	\$0.03509	\$0.02258	\$329,409	\$360,694	\$246,140
Aug-18	98%	3,689,400	4,003,175	7,692,575	\$0.03523	\$0.02274	\$335,652	\$409,462	\$294,819
Sep-18	95%	2,919,959	4,408,745	7,328,704	\$0.02931	\$0.01950	\$285,688	\$356,465	\$242,332
Oct-18					\$0.03250	\$0.02043			
Total for contract period							\$2,729,885	\$2,662,234	