



Memorandum

DATE: January 10, 2019

TO: Chairman and Members of the Board

FROM: Kevin H. Roche, CEO/General Manager

SUBJECT: **Agenda for the Board of Directors Meeting**

There is an **ecomaine** Board of Directors Meeting scheduled for **Thursday, January 17, 2019@ 4PM**. 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
4. Power Purchase Agreement (*Attachment B*)
5. **Managers' Report:**
 - Environmental Report – Presentation by Anne Hewes, Environmental Manager
 - Legislative Update
 - An Act to Clarify the Definition of Renewable Capacity Resource (*Attachment C1*)
 - An Act to Reduce the Landfilling of Municipal Solid Waste (*Attachment C2*)
 - **Financial Report – FY 19**
 - Financial Summary (*Attachment D1*)
 - Tonnage Summary (*Attachment D2*)
 - Statistical Data (*Attachment D3*)
 - Statement of Revenue & Expenses (*Attachment D4*)
 - Statement of Cash Balances (*Attachment D5*)
 - Summary Analysis of All Tons (*Attachment D6*)
 - Operations & Electrical Generation (*Attachment D7*)
6. Other Business:

Future Committee Meetings:

Outreach & Recycling Committee	01-24-2019 @ 4pm	Full Board of Directors	04-18-2019 @ 4pm
Outreach & Recycling Committee	02-14-2019 @ 3pm	Finance & Audit Committee	05-16-2019 @ 3pm
Executive Committee	03-07-2019 @ 4pm	Executive Committee	05-16-2019 @ 4pm
Outreach & Recycling Committee	03-07-2019 @ 4pm	Outreach & Recycling Committee	05-23-2019 @ 4pm
Full Board of Directors	03-21-2019 @ 4pm	Annual Board of Directors Meeting	06-20-2019 @ 11:30am
Finance & Audit Committee	04-04-2019 @ 4pm		

The Board of Directors 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).)

DATE: November 26, 2018
TO: Chairman and Members of the Board
FROM: Kevin H. Roche, CEO/General Manager
SUBJECT: Finance & Audit Committee Minutes – November 15, 2018

There was a **Finance & Audit Committee Meeting** held on the date noted above. The meeting was called to order by Erik Street, Chair.

Item #1: Approval of the Minutes

William Shane motioned to accept the minutes as written. The motion was seconded by Matthew Frank. All in favor.

Item #2: Cash Disbursements – Erik Street, Chair

Erik Street reported out that he had reviewed cash disbursements with staff and found no issues/concerns.

Item # 3: RKO Presentation – FY 18 Audit, Amy Chasse & Roger Lebreux

Amy Chasse presented the FY 18 Audit followed by Questions and Answers. William Shane motioned to accept the Audit as presented and recommended that the Full Board do the same. The motion was second by Dave Morton. All in favor.

Item # 4: Selection of Auditors for FY 19

The Committee discussed options for vendor selection of the FY 19 Audit. RKO offered to keep the audit the same price. Matt Sturgis motioned to accept RKO's proposal for one more year (FY 19 Audit), but then suggested that next year we bid out the function. Motion was second by William Shane. All in favor

Item # 5: Financial Statements FY 19

Erik Street noted that the CEO will review the financial statements at the following board meeting.

Item # 6: **Other:**

Erik Street suggested that we add an agenda item regarding cash needs. The CEO and Finance Director presented a summary of cash needs and how they relate to our investments. Funds are needed to pay for capital projects and we need to move the more liquid funds around in our reserves in order to free up cash as investment funds expire. Dave Morton made the motion to recommend that we free up the needed funds in our reserve account in order to pay for our capital improvements. Funding would come from our operating reserve account as well as our short and long term investments accounts in order to maintain ecomaine's interest in the investment funds that are not readily available. Dave Morton would also like the Finance Committee to look at investment policy options going forward. This would be discussed in the following 4pm Board meeting along with our advisors from HM Payson. The motion was second by William Shane. All in favor.

Mike Shaw motioned to adjourn. The motion was seconded by Matthew Sturgis. All in favor.

Present:

Dennis Abbott, Anne Bilodeau, Matthew Frank, Troy Moon, Dave Morton, Rod Regier, Bill Shane, Mike Shaw, Erik Street & Matthew Sturgis

Staff:

Don Hebert & Kevin Roche



**Owner
Communities**

Bridgton
Cape Elizabeth
Casco
Cumberland
Falmouth
Freeport
Gorham
Gray
Harrison
Hollis
Limington
Lyman
North Yarmouth
Portland
Pownal
Scarborough
South Portland
Waterboro
Windham
Yarmouth

**Associate
Members**

Baldwin
Hiram
Naples
Parsonsfield
Porter
Saco
Standish

**Contract
Members**

Appleton
Andover
Augusta
Brownfield
Camden
Carmel
Chebeague Island
Chelsea
Cornish
Eliot
Fayette
Fryeburg
Glenburn
Greenland, NH
Hope
Jay
Kittery
Lamoine
Liberty
Limerick
Lincolnton
Livermore Falls
Monmouth
Newburgh
Newington, NH
North Haven
Old Orchard Beach
Otisfield
Owl's Head
Poland
Readfield
Rockland
Rockport
Sanford
Shapleigh
Somerville
South Thomaston
Stetson
Swan's Island
Thomaston
Union
Vinalhaven
Washington
Waterville
Wayne
Woolwich

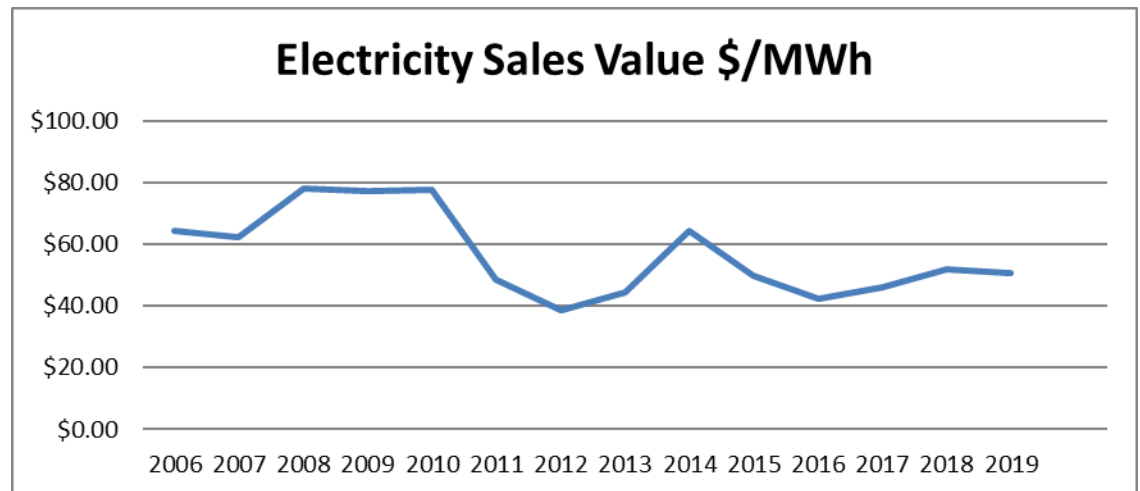
January 11, 2019

Dear **ecomaine** Board of Directors:

We have completed the competitive bid process for the sale of our electrical output for the contract period that began February 1, 2019. The results were consistent with the current state of the market and here is a breakdown of the new pricing (\$ per MWh):

	<u>2018</u>	<u>2019</u>
Energy	\$36.87	\$38.05
Capacity	\$12.47	\$11.41
RECs	<u>\$1.40</u>	<u>\$1.27</u>
Total	\$50.74	\$50.73

The graph below provides some history on electrical revenues to help give some perspective.



In summary, the electrical revenues for the energy value itself has increased but capacity and RECs have decreased, resulting in revenues remaining flat for 2019. In total, we estimate our energy revenue to be \$4.2MM for the contract year (beginning February 1st, 2019).

Please feel free to contact me if you have any questions.

Sincerely,

Kevin H. Roche
CEO/General Manager

An Act to Clarify the Definition of Renewable Capacity Resource

Sponsored by Rep. Shawn Babine

Be it Enacted by the People of the State of Maine as follows:

Section 1. 35-A MRSA §3210, sub§2.B.3, as amended by PL 2015 c. 220, §1, is amended to read:

B-3. "Renewable capacity resource" means a source of electrical generation:

(1) Whose total power production capacity does not exceed 100 megawatts and relies on one or more of the following:

- (a) Fuel cells;
- (b) Tidal power;
- (c) Solar arrays and installations;
- (d) Geothermal installations;
- (e) Hydroelectric generators that meet all state and federal fish passage requirements applicable to the generator;
- (f) Biomass generators that are fueled by wood, wood waste or landfill gas; ~~or~~
- (g) Anaerobic digestion of by-products of waste from animals or agricultural crops, food or vegetative material, algae or organic refuse; or
- (h) Generators fueled by municipal solid waste in conjunction with recycling; or

(2) That relies on wind power installations.

Summary

This Act will align the definition of "renewable capacity resource" with that of "renewable resource" under Maine's renewable energy policies. Waste-to-energy (WTE) facilities utilizing municipal solid waste are currently the only renewable energy generator listed under "renewable resource," but not "renewable capacity resource." This change will allow WTE to be treated equitably with landfill gas and other renewable sources.

An Act to Reduce the Landfilling of Municipal Solid Waste

Sec. 1. 38 MRSA §2204 as amended by PL 1999, c. 385, §8, is further amended to read:

2204 MUNICIPAL SOLID WASTE DISPOSAL SURCHARGE

The department shall impose a fee of \$2 per ton on any municipal solid waste disposed of at a commercial, municipal or regional association landfill, ~~except that there is no fee on municipal solid waste generated by a municipality that owns the landfill accepting it or that has entered into a contract with a term longer than 9 months for disposal of municipal solid waste in that landfill facility.~~ All fees accrued from this section will be deposited into the Maine Solid Waste Diversion Grant Program established in Title 38, §2201-B.

Summary

This bill would eliminate the current exemptions to the \$2 a ton fee on municipal solid waste disposal. Fees will be deposited into the existing Maine Solid Waste Diversion Grant Program which was established to provide grants to public and private entities to assist in the development, implementation or improvement of programs, projects, initiatives or activities designed to increase the diversion of solid waste from disposal in the State through waste reduction, reuse, recycling, and composting.

Financial Summary December, 2018 (FY19) Attachment D1

<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	Revenue YTD	Units	Revenue \$/Units
Owner	↑ \$57,431	↑ 3%	↑ 0%	↑ \$57,470	↑ 3%	↑ 0%	↑ \$57,470	↑ 3%	↑ 0%
Associate	↑ \$13,508	↓ 1%	↑ 3%	↑ \$13,486	↓ 1%	↑ 3%	↑ \$13,486	↓ 1%	↑ 3%
Contract	↓ \$189,128	↓ 17%	↓ 8%	↑ \$407,458	↑ 203%	↑ 3%	↑ \$407,458	↑ 203%	↑ 3%
Commercial	↑ \$377,105	↑ 11%	↑ 2%	↑ \$377,102	↑ 11%	↑ 2%	↑ \$377,102	↑ 11%	↑ 2%
Spot	↓ \$7,882	↓ 4%	↑ 0%	↓ \$615,151	↓ 82%	↑ 25%	↓ \$615,151	↓ 82%	↑ 25%
Recycling	↓ \$197,738	↓ 9%	↓ 35%	↓ \$628,595	↓ 9%	↓ 53%	↓ \$628,595	↓ 9%	↓ 53%
Electrical	↑ \$16,026	↓ 4%	↑ 5%	↑ \$99,672	↓ 1%	↑ 6%	↑ \$99,672	↓ 1%	↑ 6%
Overall	↑ \$69,661			↓ \$287,447					

<u>Cash Expenses YTD</u>			
Expense	Status	% of Annual Budget	Notable Items Affecting Expenses YTD
Total Departmental Costs	↓ \$377,318	48%	Favorable * Recycle Material (\$148k) - Market lower than anticipated on cardboard * Baling Wire (\$58k) - Timing issue, just purchased a load in Jan 2019 * Contingent (\$125k) - Contingency not used * Industrial Cleaning (\$44k) - Timing & improvements @ landfill lowered cleaning costs * Chemicals (\$115k) - Ops favorable usage of lime, carbon and urea * Major Repairs (\$100k) - OPS, timing, completion of project vs budgeted * Spare Parts (\$68k) - Timing, plant running mechanically favorable * Outside Services (\$46k) - Ops, timing of completion of work Unfavorable * Temporary Labor (\$232k) - Extra staff at recycling to meet market specification * Water & Sewer (\$159k) - Processing 13" of rain in Nov & Dec (avg 9")

<u>Revenue Less Expenses</u>	YTD vs. Budget YTD		YTD vs. Prior YTD	
	Rev. - Exp.	%	Rev. - Exp.	%
	↑ \$526,320	37%	↓ \$1,288,074	↓ 146%

<u>Cash Position</u>	
Notes	
Cash on 7/1/2018	\$30,335,576
Cash Generated	\$1,728,960
Non-Operating Income	-\$101,294
Capital Expenditures	-\$4,609,277
Current Cash Position	\$27,353,966

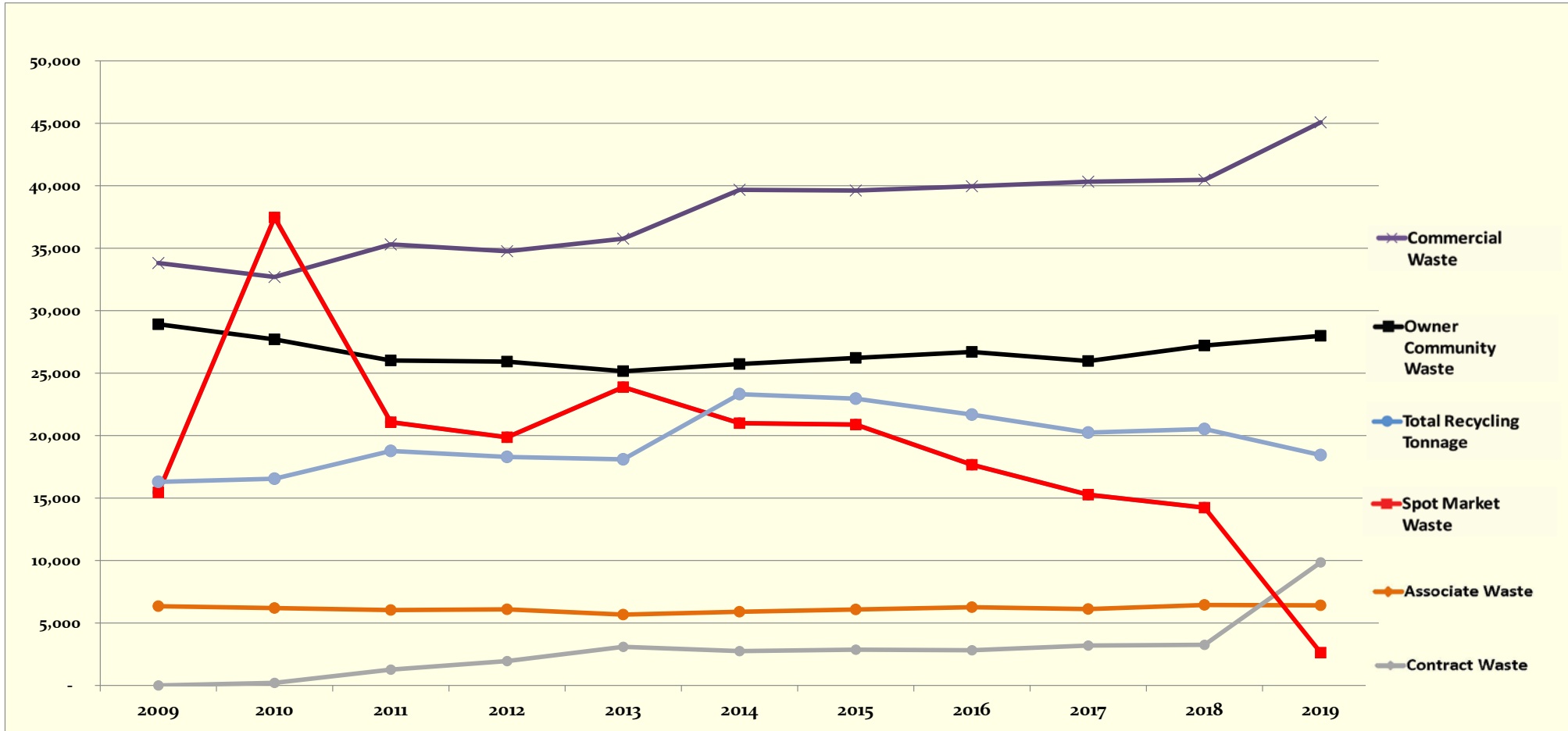
<u>Average WTE Operations</u>				
Month	Power Sold % Capacity	Avg. Boiler Availability %	Sales-MWHrs	Notes
November	71%	86%	6,187	
December	81%	97%	7,295	

<u>Food Waste YTD Tonnage</u>			
	Food Waste In	Food Waste Out	Food Waste Contaminates
Food Waste Tonnages	2,784	2,535	1261

<u>Recycling Markets</u>						
Materials	FY18 YTD Average	FY19 YTD Average	Variance	Current Prices		
Cardboard	\$152	\$86	↓ -44%			\$86
Paper	\$37	-\$19	↓ -152%			-\$16
Cans	\$151	\$184	↑ 22%			\$192
#2 Natural Plastic	\$620	\$818	↑ 32%			\$760
#2 Colored Plastic	\$350	\$323	↓ -8%			\$323
#1 PET Plastic	\$285	\$297	↑ 4%			\$290
Post Burn Metal	\$61	\$100	↑ 63%			\$101



December Year to Date Tonnage - FY18



2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
28,915	27,705	26,018	25,917	25,152	25,723	26,221	26,696	25,970	27,208	27,984	Owner Community Waste
6,344	6,194	6,035	6,096	5,672	5,893	6,083	6,266	6,109	6,441	6,407	Associate Waste
-	203	1,265	1,951	3,088	2,754	2,863	2,822	3,199	3,250	9,855	Contract Waste
33,817	32,699	35,303	34,760	35,761	39,675	39,617	39,962	40,325	40,477	45,081	Commercial Waste
15,452	37,458	21,077	19,865	23,878	20,999	20,887	17,668	15,273	14,232	2,624	Spot Market Waste
84,528	104,259	89,698	88,589	93,551	95,044	95,671	93,412	90,876	91,607	91,950	Total Waste
16,295	16,553	18,775	18,298	18,101	23,316	22,956	21,676	20,248	20,532	18,447	Recycling (Inbound)

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Statistical Data December, 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	%
MSW - Tons									
Owner	26,696	25,970	27,208	27,984	27,175	809	3.0%	776	2.9%
Associate	6,266	6,109	6,441	6,407	6,461	(54)	-0.8%	(34)	-0.5%
Contract	2,822	3,199	3,250	9,855	11,901	(2,046)	-17.2%	6,605	203.3%
Commercial	39,962	40,325	40,477	45,081	40,492	4,589	11.3%	4,604	11.4%
Spot	17,668	15,273	14,232	2,624	2,736	(112)	-4.1%	(11,608)	-81.6%
Total MSW	93,412	90,876	91,607	91,950	88,765	3,186	3.6%	344	0.4%
Recycle - Tons									
Inbound - MRF only	21,676	20,248	20,532	18,447	20,538	(2,091)	-10.2%	(2,085)	-10.2%
Outbound- MRF only including glass	18,893	18,255	18,188	16,528	18,188	(1,660)	-9.1%	(1,660)	-9.1%
Outbound- Post Burn	2,240	2,143	2,014	1,855	2,014	(159)	-7.9%	(160)	-7.9%
Outbound- Landfill Metal Mining	(24)	-	-	-	-	0		0	
Outbound Total	21,109	20,398	20,202	18,382	20,202	(1,820)	-9.0%	(1,820)	-9.0%
MSW - Revenue \$/Ton									
Owner	\$69.90	\$70.16	\$69.68	\$69.80	\$69.76	\$0.04	0.1%	\$0.12	0.2%
Associate	82.26	83.35	84.55	87.10	84.28	2.82	3.3%	2.55	3.0%
Contract	57.20	57.63	58.64	60.68	66.14	(5.46)	-8.3%	2.04	3.5%
Commercial	67.44	69.89	68.60	69.96	68.58	1.38	2.0%	1.36	2.0%
Spot	53.92	57.31	56.22	70.50	70.50	0.00	0.0%	14.28	25.4%
Total MSW	66.27	68.33	67.77	70.13	69.82	0.31	0.4%	2.36	3.5%
Recycle - Revenue \$/Ton									
\$/Ton Outbound (Includes glass/metals)	\$62.11	\$89.28	\$79.39	\$53.06	\$60.43	(\$7.37)	-12.2%	(\$26.34)	-33.2%
\$/Ton Inbound- Rev/Cost Sharing	56.28	87.13	69.98	33.01	50.94	(17.93)	-35.2%	(36.97)	-52.8%
Energy									
MWH's Sold	47,706	45,834	42,729	42,357	44,230	(1,873)	-4.2%	(372)	-0.9%
\$/MWH	\$42.87	\$39.57	\$44.29	\$47.03	\$44.68	\$2.35	5.3%	\$2.74	6.2%
Steam Plant Capacity Factor %	93.3%	92.6%	92.5%	93.2%					
Average Boiler Availability %	94.8%	94.1%	92.0%	92.4%	92.6%				
Steam Plant Capacity Utilization %	98.0%	98.5%	100.5%	100.9%					
Power Capacity Factor %	88.0%	85.0%	78.9%	79.1%					
Power Sold - % of Capacity to Sell	89.3%	85.8%	80.0%	79.3%	82.8%				

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

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Statement of Revenue & Expenses December, 2018 (FY19)							
	Actual - Prior Years YTD			Current Year To Date			FY19 to FY18
	2016	2017	2018	Actual	Budget	Variance	Variance
Operating revenues							
Municipal assessments & rebates	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Owners tipping fees	1,866,067	1,821,979	1,895,797	1,953,267	1,895,836	57,431	57,470
Assoc. tipping fees	515,415	509,139	544,559	558,044	544,536	13,508	13,486
Contract tipping fees	161,398	184,361	190,574	598,033	787,161	(189,128)	407,458
Commercial tipping fees	2,695,103	2,818,372	2,776,798	3,153,900	2,776,794	377,105	377,102
Spot market tipping fees	952,612	875,350	800,157	185,006	192,888	(7,882)	(615,151)
Electrical generating revenues	2,045,180	1,813,485	1,892,551	1,992,223	1,976,197	16,026	99,672
Sales of recycled goods	1,229,206	1,801,642	1,535,777	780,358	1,104,920	(324,563)	(755,420)
Recycling tipping fees	81,828	19,482	68,131	194,955	68,130	126,825	126,825
Other operating income	52,101	50,473	51,475	52,586	52,248	338	1,111
Total operating revenues	\$9,598,909	\$9,894,283	\$9,755,819	\$9,468,372	\$9,398,712	\$69,661	(\$287,447)
Operating expenses							
Administrative expenses	1,318,006	1,259,223	1,327,806	1,366,415	1,432,371	65,955	(38,610)
Waste-to-energy operating expenses	4,406,010	4,387,518	4,584,510	4,549,897	4,996,997	447,100	34,614
Recycling operating expenses	1,029,992	1,019,374	1,178,877	1,248,784	1,243,775	(5,009)	(69,907)
Landfill/ashfill operating expenses	783,330	710,810	830,065	929,690	798,962	(130,728)	(99,625)
Contingency	0	0	0	0	125,000	125,000	0
Landfill closure & post-closure care costs	129,968	147,741	132,707	127,442	137,500	10,058	5,265
Post-retirement benefit - health Care	35,229	35,229	35,229	42,498	42,500	2	(7,269)
Depreciation & amortization	2,045,867	2,085,069	2,109,621	2,001,699	2,051,712	50,013	107,922
Total operating expenses	\$9,748,402	\$9,644,964	\$10,198,814	\$10,266,425	\$10,828,817	\$562,391	(\$67,611)
Net operating income	(\$149,492)	\$249,318	(\$442,996)	(\$798,053)	(\$1,430,105)	\$632,052	(\$355,057)
Non-operating income (expense)							
Non Investment Interest	20,936	21,994	22,589	24,259	22,500	1,759	1,670
Investment Income Net of Expenses	(251,326)	377,149	823,828	(125,552)	0	(125,552)	(949,380)
Misc. Income / (Expenses)	5,025	16,756	3,367	18,061	0	18,061	14,694
Net non-operating	(\$225,365)	\$415,899	\$849,784	(\$83,232)	\$22,500	(\$105,732)	(\$933,016)
Total Revenue Less Expenses	(\$374,857)	\$665,217	\$406,788	(\$881,285)	(\$1,407,605)	\$526,320	(\$1,288,074)

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Statement of Cash Balances December, 2018 (FY19)								
	12 Month Actuals @ 6/30				Bud FY 2019 @ 6/30/19	Act FY 19 @ 12/31/18	Reserves per policy	Reserve Target
	2015	2016	2017	2018				
Cash & Reserves - beginning of period	\$29,317,000	\$26,510,251	\$28,538,043	\$30,861,320	\$28,072,405	\$30,335,576		
Cash flows from operating activities:								
Net operating income	(\$1,238,109)	(\$1,232,895)	\$1,802,380	(\$2,623,561)	(\$2,835,205)	(\$798,053)		
Add back: depreciation	3,804,881	4,201,984	4,177,307	4,316,892	4,103,425	2,001,699		
Add back: landfill closure costs	259,936	295,483	(2,182,480)	224,814	275,000	127,442		
Add back: Post Retirement Benefit	49,730	70,458	60,244	70,458	85,000	36,011		
Other working capital changes	(41,673)	(859,134)	388,720	194,650		361,861		
Net cash provided by operating activities	\$2,834,765	\$2,475,896	\$4,246,170	\$2,183,253	\$1,628,220	\$1,728,960		
Cash flows from capital and related financing activities:								
Payment of interest	\$427	\$1,983	\$0	\$0	\$0	\$0		
Repayment of long-term debt	-	-	-	-	0	0		
Repayment of capital leases	-	-	-	-	0	0		
Net cash used in capital and related financing	\$427	\$1,983	\$0	\$0	\$0	\$0		
Cash flows from investing activities:								
Receipts of interest	\$48,352	\$35,662	\$36,584	\$49,340	\$45,000	\$24,259		
Investment income	71,167	141,924	1,164,205	1,205,691	0	(125,552)		
Capital expenditures	(5,761,460)	(2,147,288)	(3,123,683)	(3,964,027)	(8,660,950)	(4,609,277)		
Sale of Gorham Property		1,519,615						
Net cash used in investing activities	(\$5,641,941)	(\$450,087)	(\$1,922,894)	(\$2,708,996)	(\$8,615,950)	(\$4,710,570)		
Net increase (decrease) in cash	(2,806,749)	2,027,792	2,323,277	(525,744)	(6,987,730)	(2,981,610)		
Cash & Reserves - end of period	\$26,510,251	\$28,538,043	\$30,861,320	\$30,335,576	\$21,084,675	\$27,353,966		

Cash Reserve Detail								
Operating Cash Reserve	\$8,174,000	\$8,249,690	\$8,290,518	\$8,301,636	\$8,222,871	\$5,444,419	\$5,444,419	\$5,444,419
Landfill Closure Reserve	300,151	300,941	301,736	301,753	301,610	305,136	305,136	305,136
Discretionary Landfill Closure Reserve	3,922,780	6,214,445	7,712,419	9,789,027	9,560,194	9,600,575	9,600,575	22,217,000
Long Term Capital Reserve	4,049,713	4,057,653	4,520,183	4,984,354	0	4,881,510	4,881,510	4,881,510
Recycling Revenue & Cost Sharing	500,294	502,516	502,847	-	0	0	0	0
Short Term Capital Reserve	3,265,183	3,298,492	3,310,239	3,316,864	0	3,336,441	3,336,441	3,336,441
Bond Payment Reserves								
Debt Service Reserves								
Balance Operating Cash	6,298,130	5,914,305	6,223,377	3,641,942	3,000,000	3,785,885		
Total	\$26,510,251	\$28,538,043	\$30,861,320	\$30,335,576	\$21,084,675	\$27,353,966	\$23,568,081	\$36,184,507

Summary Analysis of All Tons - Detail

July 1, 2018 to December 31, 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	1,308	1,300	(8)	-	-	-	32	95	63	300	302	2
CAPE ELIZABETH	1,118	1,063	(55)	-	-	-	150	284	134	550	499	(52)
CASCO	517	479	(38)	-	-	-	-	-	-	236	207	(29)
CUMBERLAND	699	773	74	-	-	-	90	84	(6)	477	439	(38)
FALMOUTH	1,036	1,118	82	-	-	-	84	77	(7)	783	709	(74)
FREEPORT	784	820	36	-	-	-	-	-	-	413	437	23
GORHAM	1,336	1,472	136	-	-	-	3	5	1	613	542	(71)
GRAY	1,448	1,458	10	-	-	-	-	-	-	-	-	-
HARRISON	506	517	11	-	-	-	-	-	-	105	91	(13)
HOLLIS	570	612	42	-	-	-	-	-	-	153	135	(18)
LIMINGTON	863	867	3	-	-	-	-	-	-	53	39	(13)
LYMAN	661	722	62	-	-	-	103	160	57	125	111	(14)
NORTH YARMOUTH	334	359	25	-	-	-	-	-	-	212	196	(16)
PORTLAND	4,911	4,606	(306)	-	-	-	-	-	-	2846	2780	(66)
POWNAI	117	131	14	-	-	-	-	-	-	74	68	(6)
SCARBOROUGH	2,896	3,004	108	7	-	(7)	-	-	-	1256	1213	(43)
SOUTH PORTLAND	3,046	2,923	(122)	27	-	(26)	701	781	79	1159	1189	30
WATERBORO	1,058	1,161	103	-	-	-	258	370	113	238	182	(56)
WINDHAM	1,222	1,295	73	-	-	-	8	-	(8)	765	733	(31)
YARMOUTH	1,015	1,046	31	-	-	-	300	403	103	542	500	(42)
Owner Member Total	25,444	25,725	280	34	-	(33)	1,730	2,259	529	10,899	10,372	(527)
NAPLES	592	579	(13)	No Current Associate Member Food Waste Accounts			-	-	-	-	-	-
PARSONFIELD	380	387	6				23	19	(4)	39	38	(1)
SACO	2,694	2,831	137				-	-	-	879	864	(14)
STANDISH	1,516	1,592	76				62	63	1	212	295	83
TRI-TOWN (BALDWIN, HIRAM & PORTER)	889	913	24				47	23	(24)	84	86	2
BALDWIN	296	304	8				16	8	(8)	28	29	1
HIRAM	296	304	8				16	8	(8)	28	29	1
PORTER	296	304	8			16	8	(8)	28	29	1	
Associate Member Total	6,071	6,302	231				132	105	(27)	1,213	1,282	69
ANDOVER	-	-	-	No Current Contract Member or Spot Food Waste Accounts			-	-	-	27	27	-
AUGUSTA	-	-	-				-	-	-	198	184	(14)
BROWNFIELD	-	-	-				-	-	-	49	46	(3)
BROWNFIELD WASTE	-	172	172				-	-	-	-	-	-
CARMEI	-	-	-				-	-	-	31	26	(5)
CHEBEAGUE ISLAND	139	144	5				-	-	-	32	34	2
CHELSEA	-	-	-				-	-	-	-	9	9
CORNISH	-	-	-				-	-	-	24	23	(1)
ELIOT	167	180	13				93	159	66	-	-	-
ETNA	-	-	-				-	-	-	8	-	(8)
FRYEBURG	-	-	-				-	-	-	202	183	(19)
GLENBURN	-	-	-				-	-	-	47	41	(7)
GREENLAND, NH	-	-	-				-	-	-	195	194	(1)
JAY	-	-	-				-	-	-	116	96	(20)
KITTERY	962	939	(23)				-	-	-	-	-	-
LIMERICK	671	728	57				81	62	(19)	56	49	(6)
LIVERMORE FALLS	269	239	(30)				-	-	-	54	50	(4)
MANCHESTER	-	-	-			-	-	-	63	50	(13)	
MIDCOAST	-	3,124	3,124			-	-	-	-	-	-	
MONMOUTH	-	-	-			-	-	-	141	143	2	
NEWBURGH	-	-	-			-	-	-	28	9	(19)	
NEWINGTON	-	-	-			-	-	-	46	44	(2)	
NORTH HAVEN	122	132	10			-	-	-	45	39	(6)	
OHSTT	-	1,707	1,707			-	-	-	-	78	78	
OLD ORCHARD	-	-	-			-	-	-	385	289	(96)	
OTISFIELD	-	-	-			-	-	-	8	37	29	
POLAND	-	-	-			-	-	-	170	161	(9)	
READFIELD/WAYN	-	-	-			-	-	-	165	152	(13)	
ROCKLAND	-	1,040	1,040			-	-	-	-	-	-	
SANFORD	-	-	-			201	194	(7)	943	705	(238)	
SHAPLEIGH	-	-	-			-	-	-	74	75	1	
STETSON	-	-	-			-	-	-	14	8	(6)	
STOCKTON SPRINGS	-	-	-			-	-	-	8	-	(8)	
SWANS ISLAND	-	-	-			-	-	-	32	52	20	
TRI-COUNTY	-	560	560			-	-	-	-	-	-	
VINALHAVEN RECYCLING	-	-	-			-	-	-	-	29	29	
WATERVILLE	-	-	-			-	-	-	259	158	(100)	
WOOLWICH	432	475	43			-	-	-	108	122	14	
Contract Member Total	2,762	9,440	6,677				375	415	40	3,530	3,115	(414)
Commercial Total	31,653	36,487	4,834	-	2,784	2,784	5,230	5,811	581	4,786	3,678	(1,108)
Spot Market Total	13,603	2,624	(10,979)				-	-	-	-	-	-
Grand Totals	79,534	80,577	1,044	34	2,784	2,751	7,466	8,589	1,123	20,427	18,447	(1,980)

Historical Generation Summary

Month / Year	Facility Availability	On Peak KWHs	Off Peak KWHs	Total KWHs	On Peak Rate	Off Peak Rate	Electricity Revenues	ISONE Market Revenues
Nov-16	91%	3,446,625	3,753,281	7,199,906	\$0.04217	\$0.03289	\$294,422	\$205,078
Dec-16	97%	3,310,435	4,033,021	7,343,456	\$0.04895	\$0.03806	\$341,175	\$415,306
Jan-17	96%	2,955,408	3,727,043	6,682,451	\$0.06833	\$0.05408	\$444,232	\$307,056
Feb-17	97%	2,789,835	3,055,834	5,845,669	\$0.06429	\$0.05131	\$372,331	\$206,816
Mar-17	91%	3,244,869	3,779,313	7,024,182	\$0.04843	\$0.03790	\$338,381	\$283,567
Apr-17	83%	2,824,082	3,954,688	6,418,770	\$0.03558	\$0.02618	\$231,780	\$202,464
May-17	93%	3,598,629	3,852,465	7,451,094	\$0.03023	\$0.02120	\$229,274	\$224,200
Jun-17	96%	3,651,175	3,797,778	7,448,953	\$0.03207	\$0.02129	\$284,508	\$270,207
Jul-17	93%	3,188,959	4,288,568	7,477,527	\$0.04147	\$0.02431	\$323,111	\$288,452
Aug-17	100%	3,842,246	4,205,082	8,047,328	\$0.03860	\$0.02194	\$328,177	\$282,647
Sep-17	100%	3,273,470	4,296,437	7,569,907	\$0.03700	\$0.01969	\$274,814	\$248,563
Oct-17	81%	2,754,238	3,508,041	6,262,279	\$0.03920	\$0.02151	\$242,520	\$242,336
Nov-17	94%	3,302,535	3,777,658	7,080,193	\$0.03620	\$0.02706	\$305,108	\$326,146
Dec-17	84%	2,562,192	3,747,691	6,309,883	\$0.05211	\$0.04169	\$371,530	\$538,471
Jan-18	98%	3,547,121	3,934,352	7,481,473	\$0.07706	\$0.05839	\$590,632	\$857,337
Feb-18	99%	3,193,218	3,680,503	6,873,721	\$0.08393	\$0.06922	\$603,125	\$346,139
Mar-18	86%	2,497,017	3,203,098	5,700,115	\$0.05411	\$0.04482	\$351,571	\$275,371
Apr-18	77%	2,793,025	3,186,637	5,979,662	\$0.03281	\$0.02437	\$248,399	\$331,361
May-18	99%	3,989,257	4,303,506	8,292,763	\$0.02829	\$0.01983	\$280,656	\$270,662
Jun-18	93%	3,420,182	4,066,778	7,486,960	\$0.02928	\$0.01989	\$295,386	\$312,080
Jul-18	96%	3,403,155	4,226,642	7,629,797	\$0.03509	\$0.02258	\$329,409	\$360,694
Aug-18	98%	3,689,400	4,003,175	7,692,575	\$0.03523	\$0.02274	\$335,652	\$409,462
Sep-18	95%	2,919,959	4,408,745	7,328,704	\$0.02931	\$0.01950	\$285,688	\$356,465
Oct-18	83%	2,923,391	3,300,855	6,224,246	\$0.03025	\$0.02043	\$268,456	\$345,434
Nov-18	86%	2,862,852	3,323,802	6,186,654	\$0.03567	\$0.02688	\$313,304	\$489,629
Dec-18	97%	3,020,165	4,274,569	7,294,734	\$0.05324	\$0.04246	\$450,406	\$452,040
Jan-19					\$0.07783	\$0.05982		
Total for contract period							\$3,762,052	\$3,949,336