

DATE: November 14, 2019
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 November 21, 2019 @ 4:00 PM**. The meeting will be held at the ecomaine in the 1st. Floor Conference Room. 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 – RFP Auditor Solicitation – FY 20
4. Industry developments in WTE and Waste-by-rail
5. **Executive Session: Recycling Operations – IAW Sec.405 – 6C 405-6 – Permitted deliberation. Deliberations on only the following matters may be conducted during an executive session:**

(C) – Discussion or consideration of the condition, acquisition or the use of real or personal property permanently Attached to real property or interests therein or disposition of publicly held property or economic development only if premature disclosures of the information would prejudice the competitive or bargaining position of the body or agency; [1987, c. 477, §3 (AMD).1]

6. Managers Report:
 - Electric Trucks
 - Landfill Solar Opportunities
 - Update Building Improvements
 - Financial Statements **FY 20 (Year to Date)**
 - Financial Summary (*Attachment B1*)
 - Tonnage (*Attachment B2*)
 - Statement of Revenue & Expenses (*Attachment B3*)
 - Statistical Data (*Attachment B4*)
 - Summary Analysis of All Tons by Community (*Attachment B5*)
 - Electrical Generations Summary (*Attachment B6*)
7. Other:

Future Committee Meetings:

Executive Committee	12-19-2019 @ 4pm	Joint Finance & Full Bd. Budget Review	03-26-2020 @4pm
Finance & Audit Committee	01-16-2020 @ 3pm	Executive Committee	04-09-2020 @ 4pm
Full Board of Directors	01-16-2020 @ 4pm	Finance & Audit Committee	05-21-2020 @ 3pm
Outreach & Recycling Comm.	01-23-2020 @ 4pm	Full Board of Directors	05-21-2020 @ 4pm
Outreach & Recycling Comm.	02-13-2020 @ 3pm	Outreach & Recycling Comm.	05-28-2020 @ 4pm
Executive Committee	02-13-2020 @ 4pm	Annual Board of Directors Meeting	06-18-2020 @ 11:30am
Outreach & Recycling Comm.	03-19-2020 @ 3pm		
Full Board of Directors	03-19-2020 @ 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).)

11/15/2019

Memorandum

DATE: October 1, 2019
TO: Chairman and Members of the Board
FROM: Kevin H. Roche, CEO/General Manager
SUBJECT: Executive Committee Minutes – September 19, 2019

There was an Executive Committee Meeting held on the date noted above., The meeting was called to order by Chairman Matthew Frank.

Item #1: Approval of the Minutes

Bill Shane motioned to accept the minutes as written. The motion was second by Caleb Hemphill. All in favor.

Item #2: Outreach & Recycling Committee Report – Caleb Hemphill, Chair

Caleb reported that the committee last met on September 12, 2019 and provided the following highlights:

- Update of Metrics – FY 20 stands at 24 media mentions to date, including presentations by Kevin Roche to the Maine Town City & County Management Association in August of this year.
- Engagement in social media continues to be strong with increase followers in Facebook, Twitter and Instagram. Recyclopedia also continues in its growth of use. into circulation on or around June 2019.
- 2019 Open House is scheduled for September 28, 2019 from 8am to noon. Our six containers from “Recycling is a Work of Art Contest” will be on display.
- FY 20 Recycling Grants are now open until October 25, 2019. We encourage board participation; information is available on our website or you can contact the communication staff.
- Education Outreach also continues to climb reaching 2663 people through August in FY 20.

Staff has tentative dates for the Education Session of November 19th (Municipal Staff) & December 3rd, (Educators).

The next meeting of the Outreach & Recycling Committee is November 7, 2019 @ 4pm.

Item #3: Finance & Audit Committee Report – Erik Street, Chair

Erik reported the Finance & Audit Committee met today, prior to the Executive Committee Meeting and the following items were discussed:

- Cash Disbursement were reviewed with no issues.
- RKO completed the FY 19 Audit and reviewed the draft report with the committee. Amy Chasse provided an overview of the process and found it to be a clean audit. The committee has received & approved the FY 19 Audit.

- The committee reviewed the schedule for Auditor Solicitation and Schedule for FY 20 Audit. The Bid process will begin on October 31, 2019 with interviews to begin by January 2020. There was a brief discussion on the committee involvement and staff involvement.
- Staff reviewed with the committee the year end finances.

Five Year Plan

- Staff reviewed the 5-year plan and recommended a increase in tipping fees of 2.8% (\$75.50 per ton), the increase would become effective July 1, 2020. Also recycling tipping fees to owner communities will continue at \$35.00 per ton. The committee agreed and is recommending to the Executive Committee approval of the proposed rates. The committee requested that staff provide a cover letter and summary to the communities outlining these changes in rates prior to the effective date of the change.

Erik Street motioned that the Executive Committee approve the proposed rates. The motion was second by Mike Shaw. All in favor.

Cash Reserve & Investment Policy

- The committee reviewed and recommends the amended changes to the Investment policy as reflected in Attachment F.

Mike Shaw motioned to accept the recommended amendments to the language of the Cash Reserve and Investment Policy. The motion second by Bill Shane. All in favor.

HM Payson

- The committee is recommending we continue current investment services with HM Payson.

Mike Shaw motioned to continue investment services with HM Payson. The motion was second by Bill Shane. All in favor.

FY 20 Audit Solicitation

- No further discussion.

Item #4: Update – Electric Truck

Kevin Roche provided an update on the electric trucks. Staff is now looking at other vendors (BYD, Lion, etc.). Christopher Branch, Mike Shaw and Erik Street visited the BYD facility with staff and each shared their prospective. While mostly positive, Erik Street did share concerns on the unknowns, specifically climate, ash & local service.

There was a lengthy discussion.

Mike Shaw motioned to approve the down payment and purchase of the electric vehicles and for staff to enter into all necessary agreements. The motion was second by Troy Moon. Motion

passed. All in favor. The committee also requested that staff have our attorney's review the contracts between DEP & BYD (or other vendor) and staff obtain a performance bond.

Item #5: Authorization for CEO to Solicit & Execute the Power Purchase Agreement

Linda Boudreau motioned to authorize staff to solicit and execute a power purchase agreement for the sale of electricity. The motion was second by Troy Moon. All in favor.

Item #6: Managers Report:

Kevin Roche reported out the increase in interest on space at our landfill for Solar Power. There was a brief discussion.

Troy Moon authorized staff to obtain an energy consultant on solar panels on the Landfill. The motion was second by Dave Morton. All in Favor.

Kevin Roche provided an update on current legislative efforts and the status of building improvements.

Troy Moon motioned to adjourn. The motion was second by Rod Regier. All in favor.

Present:

Dennis Abbott, Maxine Beecher, Anne Bilodeau, Linda Boudreau, Christopher Branch, Dave Durrell, Matthew Frank, Jamie Garvin, Don Hamill, Caleb Hemphill, Greg L'Heureux, Jarrod Maxfield, Troy Moon, Dave Morton, Rod Regier, Bill Shane, Mike Shaw & Erik Street

Staff:

Matt Grondin, Don Hebert, Denise Mungen, Kevin Roche & Kevin Trytek

Financial Summary October, 2019 (FY2020)

Revenues Year-to-Date - Compared to Budget and Last Year						
	Compared to Budget			Compared to Prior Year		
	Revenue Year-to-Date	Units	Revenue \$/Units	Revenue Year-to-Date	Units	Revenue \$/Units
Owner	\$4,678	(0%)	1%	\$60,589	(0%)	5%
Associate	8,105	1%	1%	8,058	1%	1%
Contract	(54,285)	(3%)	(9%)	(15,976)	(3%)	(1%)
Commercial	237,321	5%	5%	245,646	5%	6%
Spot	(51,406)	(33%)	(1%)	(45,145)	(33%)	4%
Recycling	(168,947)	(2%)	(49%)	67,647	(3%)	(8%)
Electrical	(18,727)	(8%)	7%	(100,715)	(7%)	(2%)
Overall	(\$41,790)			\$222,101		

Cash Expenses Year-to-Date			
Expense	Status	% of Annual	Notable Items Affecting Expenses Year-to-Date
Total Departmental Costs	\$125,442	31%	<p>Favorable</p> <ul style="list-style-type: none"> * Water & Sewer: \$88k - Landfill, favorable due to lower than usual precipitation * Temporary Labor: \$78k - Favorable usage, recycling temporary labor was lower than budget * Obsolete Inventory: \$60k - Budgeted write-offs hasn't occurred yet * Replacement Spare Parts: \$58k - Favorable operation at WTE & Recycling * Recycle Material: \$45k - Lower prices on recycled materials due to market * Payroll: \$43k - Unfilled positions and pending pay rate increases * Building & Maintenance: \$36k - WTE, favorable usage, repairs postponed due to weather * Industrial Cleaning: \$33k - Landfill, timing and sequential cleaning procedures * Legal Fees: \$24k - Admin, favorable usage of legal advice * Environmental Air Monitoring: \$23k - WTE, budgeted early, will be used in the future * Permits: \$14k - Landfill, timing pending license fee assessment <p>Unfavorable</p> <ul style="list-style-type: none"> * Shutdown Labor: \$324k - Ops, shutdown actual timing different than budgeted * Waste Disposal: \$160k - Ops, MSW bypass tipping fee at Casella during shutdown

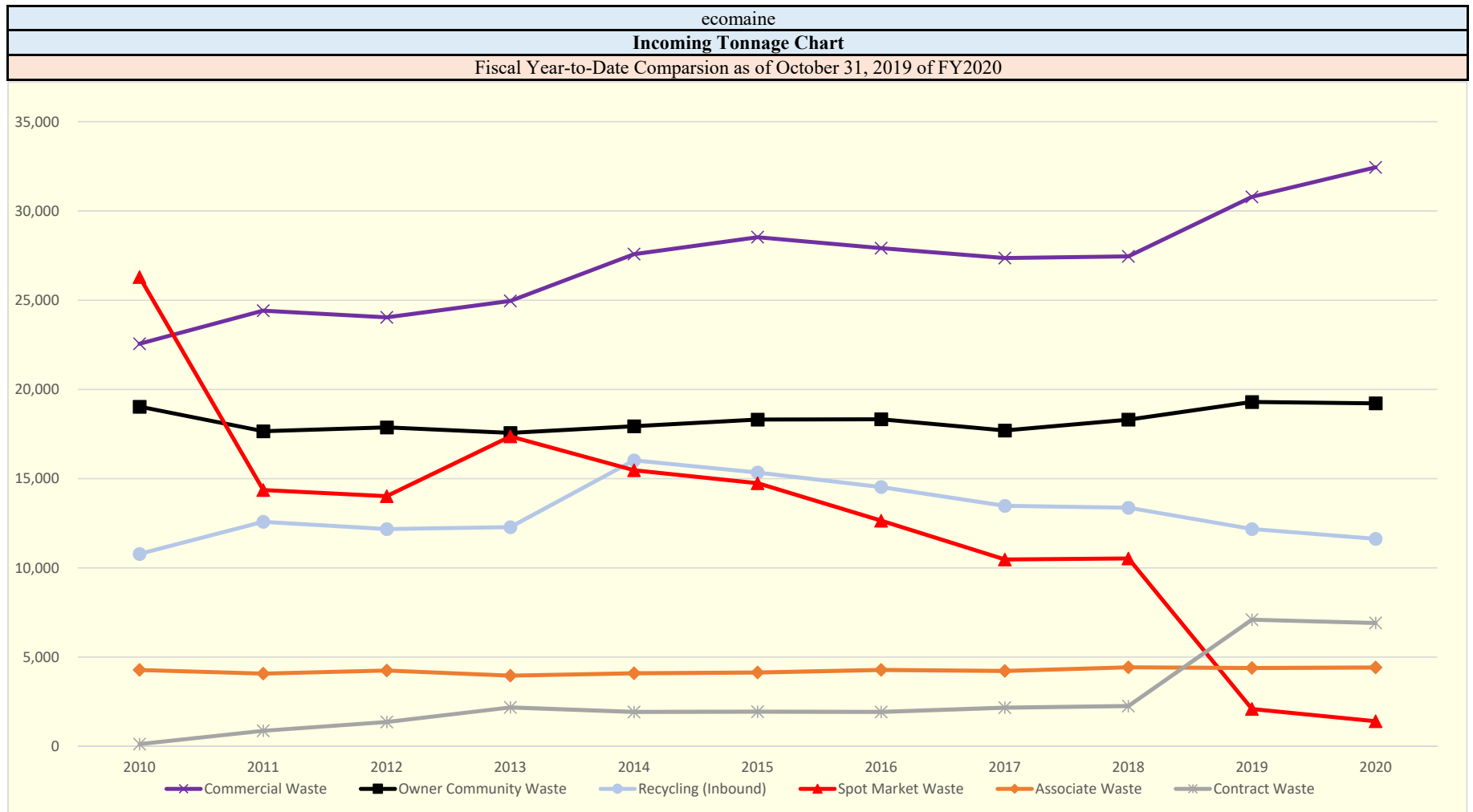
Variance	Year-to-Date vs. Budget Year-to-Date		Year-to-Date vs. Prior Year-to-Date	
	Revenue less Expenses		Revenue less Expenses	
	\$916,178	91%	\$473,813	1,192%

Cash Position			
	Balance		Notes
Cash on 7/1/2019	\$27,351,217		
Cash Generated	980,899		
Non-Operating Income	631,437		
Capital Expenditures	(1,580,656)		
Current Cash Position	\$27,382,897		

Average WTE Operations				
Month	Power Sold % Capacity	Average Boiler Availability %	Sales - MWHrs	Notes
September	78%	94%	7,030	
October	68%	83%	5,890	

Food Waste Year-to-Date Tonnage					
	Food Waste In		Food Waste Out		Food Waste Contaminates
Food Waste Tonnages	1,834		1,793		743

Recycling Markets					
Material	FY2019 YTD Average	FY2020 YTD Average	Variance		Next Month Projected Prices
Cardboard	\$86	\$44	(49%)		\$45
Paper	(22)	(27)	24%		(30)
Cans	182	96	(47%)		84
#2 Natural Plastic	880	614	(30%)		1,161
#2 Colored Plastic	305	254	(17%)		350
#1 PET Plastic	298	170	(43%)		52
Post Burn Metal	99	34	(66%)		16



	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Owner Community Waste	19,035	17,659	17,874	17,564	17,943	18,317	18,332	17,701	18,312	19,299	19,225
Associate Waste	4,286	4,082	4,253	3,964	4,099	4,142	4,285	4,227	4,431	4,392	4,422
Contract Waste	128	876	1,370	2,186	1,929	1,945	1,931	2,171	2,262	7,103	6,919
Commercial Waste	22,558	24,415	24,042	24,960	27,583	28,532	27,915	27,365	27,459	30,786	32,443
Spot Market Waste	26,300	14,366	14,019	17,369	15,476	14,745	12,649	10,475	10,535	2,099	1,409
Total Waste	72,307	61,398	61,558	66,043	67,030	67,681	65,111	61,939	62,999	63,679	64,418
Recycling (Inbound)	10,785	12,585	12,179	12,286	16,027	15,348	14,536	13,479	13,373	12,182	11,635

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Statement of Revenue & Expenses							
as of October 31, 2019 of FY2020							
Category	Fiscal Year Actuals on 10/31			Current Year To Date			FY20 & FY19
	2017	2018	2019	Actual	Budget	Variance	Variance
Operating Revenues							
Owner Member Tipping Fees	\$1,247,397	\$1,274,542	\$1,352,843	\$1,413,432	\$1,408,754	\$4,678	\$60,589
Associate Member Tipping Fees	353,565	372,998	382,160	390,217	382,113	8,105	8,058
Contract Member Tipping Fees	124,861	132,645	431,489	415,513	469,797	(54,285)	(15,976)
Commercial Tipping Fees	1,907,376	1,892,148	2,145,464	2,391,110	2,153,789	237,321	245,646
Spot Market Tipping Fees	614,579	600,146	148,015	102,870	154,277	(51,406)	(45,145)
Electrical Power Revenues	1,191,841	1,215,913	1,228,513	1,127,798	1,146,525	(18,727)	(100,715)
Sales of Recycled Goods	1,203,990	1,202,305	517,365	269,153	502,460	(233,307)	(248,212)
Recycling Tipping Fees	15,536	19,160	123,144	439,003	374,643	64,359	315,858
Other Operating Income	33,649	34,317	35,057	37,055	35,583	1,471	1,997
Total Operating Revenues	\$6,692,792	\$6,744,175	\$6,364,050	\$6,586,151	\$6,627,941	(\$41,790)	\$222,101
Operating expenses							
Administrative expenses	817,313	840,664	919,226	963,779	1,041,616	77,838	(44,553)
Waste-to-energy operating expenses	2,808,773	3,022,075	2,914,116	3,381,166	3,029,261	(351,904)	(467,050)
Recycling operating expenses	695,175	761,084	801,266	691,364	909,123	217,759	109,902
Landfill/ashfill operating expenses	477,964	566,669	523,518	463,093	644,843	181,750	60,425
Contingency	0	0	0	0	83,332	83,332	0
Landfill closure & post-closure care costs	98,494	88,471	84,961	87,793	91,668	3,875	(2,832)
Post-retirement benefit - health Care	23,486	23,486	28,332	28,332	28,333	1	0
Depreciation & amortization	1,396,970	1,407,159	1,356,591	1,166,329	1,453,964	287,635	190,262
Total operating expenses	\$6,318,176	\$6,709,609	\$6,628,010	\$6,781,856	\$7,282,142	\$500,286	(\$153,846)
Net operating income	\$374,617	\$34,565	(\$263,961)	(\$195,705)	(\$654,201)	\$458,496	\$68,255
Non-operating income (expense)							
Non Investment Interest	13,593	15,530	16,641	26,787	16,816	9,971	10,146
Investment Income Net of Expenses	200,713	594,357	209,222	604,649	166,668	437,981	395,428
Misc. Income / (Expenses)	(13,922)	491	1,414	1,397	(8,332)	9,729	(16)
Net non-operating	\$200,384	\$610,378	\$227,277	\$632,834	\$175,152	\$457,682	\$405,557
Total Revenue Less Expenses	\$575,000	\$644,943	(\$36,684)	\$437,128	(\$479,049)	\$916,178	\$473,813

ecomaine									
Statistical Data									
as of October 31, 2019 of FY2020									
Category	Actual Year-to-Date			Year-to-Date FY2020				YTD vs Last YTD	
	2017	2018	2019	Actual	Budget	Variance Fav/(Unfav)		Variance Fav/(Unfav)	
						Units	%	Units	%
MSW - Tons									
Owner	17,701	18,312	19,299	19,225	19,298	(73)	(0%)	(74)	(0%)
Associate	4,227	4,431	4,392	4,422	4,374	48	1%	30	1%
Contract	2,171	2,262	7,103	6,919	7,102	(183)	(3%)	(184)	(3%)
Commercial	27,365	27,459	30,786	32,443	30,786	1,657	5%	1,656	5%
Spot	10,475	10,535	2,099	1,409	2,099	(690)	(33%)	(691)	(33%)
Total MSW	61,939	62,999	63,679	64,418	63,659	759	1%	738	1%
Recycle - Tons									
Inbound - MRF only	13,479	13,373	12,182	11,635	12,182	(547)	(4%)	(547)	(4%)
Outbound- MRF only including glass	12,173	12,176	11,100	10,797	11,015	(218)	(2%)	(303)	(3%)
Outbound- Post Burn	1,563	1,334	1,352	1,291	1,351	(60)	(4%)	(61)	(5%)
Outbound- Landfill Metal Mining	0	0	0	0	0	0	0%	0	0%
Outbound Total	13,736	13,510	12,452	12,087	12,366	(279)	(2%)	(364)	(3%)
MSW - Revenue \$/Ton									
Owner	\$70.47	\$69.60	\$70.10	\$73.52	\$73.00	\$0.52	1%	\$3.42	5%
Associate	83.65	84.19	87.01	88.25	87.36	0.89	1%	1.24	1%
Contract	57.51	58.63	60.75	60.05	66.15	(6.10)	(9%)	(0.70)	(1%)
Commercial	69.70	68.91	69.69	73.70	69.96	3.74	5%	4.01	6%
Spot	58.67	56.97	70.50	73.01	73.50	(0.49)	(1%)	2.51	4%
Total MSW	\$68.58	\$67.82	\$70.04	\$73.17	\$71.77	\$1.40	2%	\$3.13	4%
Recycle - Revenue \$/Ton									
\$/Ton Outbound (Includes glass/metals)	\$88.79	\$90.41	\$51.44	\$58.59	\$70.93	(\$12.34)	(17%)	\$7.15	14%
\$/Ton Inbound Revenue	87.32	84.48	32.30	29.76	58.59	(28.83)	(49%)	(2.54)	(8%)
Energy									
MWH's Sold	31,279	29,357	28,875	26,918	29,355	(2,437)	(8%)	(1,957)	(7%)
\$/MWH	\$38.10	\$41.42	\$42.55	\$41.90	\$39.06	\$2.84	7%	(\$0.65)	(2%)
Steam Plant Capacity Factor %	94%	94%	96%	86%					
Average Boiler Availability %	86%	81%	83%	83%	92%				
Steam Plant Capacity Utilization %	99%	104%	102%	92%					
Power Capacity Factor %	78%	71%	70%	69%					
Power Sold - % of Capacity to Sell	79%	70%	69%	68%	81%				

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 (Waste/Food Waste - Bulky - Recycle)

July 1, 2019 to October 31, 2019

Community	Waste/ Food Waste			Bulky/Other			Recycle		
	FY19	FY20	over/(under)	FY19	FY20	over/(under)	FY19	FY20	over/(under)
BRIDGTON	964	995	31	76	75	(1)	218	203	(14)
CAPE ELIZABETH	720	806	86	193	228	35	317	290	(27)
CASCO	337	338	1	-	-	-	160	161	2
CUMBERLAND	522	516	(6)	84	100	15	280	263	(16)
FALMOUTH	754	743	(11)	58	55	(3)	451	447	(4)
FREEPORT	569	561	(8)	-	-	-	286	265	(21)
GORHAM	987	1,031	44	5	-	(5)	348	338	(10)
GRAY	982	974	(7)	-	-	-	-	-	-
HARRISON	373	386	13	-	-	-	69	70	1
HOLLIS	413	413	1	-	-	-	87	89	2
LIMINGTON	588	479	(109)	-	-	-	28	35	7
LYMAN	479	515	37	127	111	(16)	75	69	(6)
NORTH YARMOUTH	228	229	1	-	-	-	127	126	(1)
PORTLAND	3,220	3,203	(17)	-	-	-	1899	1689	(210)
POWNAI	85	85	1	-	-	-	42	38	(4)
SCARBOROUGH	2,043	1,997	(46)	-	-	-	800	733	(67)
SOUTH PORTLAND	1,985	1,989	4	566	523	(43)	776	730	(47)
WATERBORO	798	742	(56)	251	172	(79)	125	133	8
WINDHAM	886	918	33	-	-	-	482	437	(44)
YARMOUTH	699	745	46	310	295	(14)	316	252	(64)
Owner Member Total	17,630	17,667	37	1,668	1,558	(110)	6,885	6,368	(517)
NAPLES	406	415	9	-	-	-	-	-	-
PARSONFIELD	258	257	-	19	12	(7)	25	26	1
SACO	1,950	1,979	29	-	-	-	572	525	(46)
STANDISH	1,065	1,014	(51)	58	53	(5)	194	151	(43)
TRI-TOWN (BALDWIN, HIRAM & PORTER)	614	651	37	23	41	18	65	66	2
BALDWIN	205	217	12	8	14	6	22	22	1
HIRAM	205	217	12	8	14	6	22	22	1
PORTER	205	217	12	8	14	6	22	22	1
Associate Member Total	4,292	4,316	24	100	106	6	855	769	(87)
ANDOVER	-	-	-	-	-	-	19	19	1
AUGUSTA	-	-	-	-	-	-	123	118	(5)
BROWNFIELD	115	269	154	-	-	-	36	35	(1)
CARMEL	-	-	-	-	-	-	18	15	(3)
CHEBEAGUE ISLAND	123	125	2	-	-	-	26	18	(8)
CHELSEA	-	-	-	-	-	-	6	9	3
CORNISH	-	-	-	-	-	-	15	16	1
ELIOT	126	136	11	114	89	(25)	-	-	-
FRYE ISLAND RECYCLING	-	-	-	-	-	-	-	15	15
FRYE ISLAND WASTE	-	61	61	-	-	-	-	-	-
FRYEBURG	-	-	-	-	-	-	136	143	7
GLENBURN	-	-	-	-	-	-	30	31	2
GREENLAND, NH	-	-	-	-	-	-	129	115	(13)
JAY	-	-	-	-	-	-	61	-	(61)
KITTERY	639	626	(13)	-	-	-	-	-	-
LIMERICK	515	525	9	62	56	(5)	35	28	(7)
LIVERMORE FALLS	159	176	16	-	-	-	31	31	-
MANCHESTER	-	-	-	-	-	-	33	-	(33)
MIDCOAST	2,318	2,211	(107)	-	-	-	-	-	-
MONMOUTH	-	-	-	-	-	-	95	90	(5)
NEWBURGH	-	-	-	-	-	-	8	18	10
NEWINGTON	-	-	-	-	-	-	29	28	(1)
NORTH HAVEN	98	93	(5)	-	-	-	30	31	1
OHSTT	1,190	1,144	(46)	-	-	-	54	53	(1)
OLD ORCHARD	-	-	-	-	1	-	206	215	9
OTISFIELD	-	-	-	-	-	-	27	24	(3)
POLAND	-	-	-	-	-	-	110	-	(110)
READFIELD/WAYN	-	-	-	-	-	-	96	111	15
ROCKLAND	731	671	(60)	-	-	-	-	121	121
SANFORD	-	-	-	179	10	(169)	468	397	(71)
SHAPLEIGH	-	-	-	-	-	-	55	50	(5)
STETSON	-	-	-	-	-	-	8	9	1
SWANS ISLAND	-	-	-	-	-	-	26	-	(26)
TRI-COUNTY	398	374	(25)	-	-	-	-	-	-
VINALHAVEN - RECYCLE	-	-	-	-	-	-	13	63	51
WATERVILLE	-	-	-	-	-	-	111	183	72
WOOLWICH	335	353	19	-	-	-	78	69	(10)
Contract Member Total	6,747	6,763	16	356	156	(199)	2,111	2,057	(54)
Commercial Total	26,315	29,387	3,072	4,471	3,055	(1,416)	2,330	2,441	110
Spot Market Total	2,099	1,409	(691)	-	-	-	-	-	-
Grand Totals	57,084	59,542	2,458	6,595	4,875	(1,719)	12,182	11,635	(547)

Electrical Generation

ATTACHMENT B6

Month / Year	Facility Availability	On Peak KWHs	Off Peak KWHs	Total KWHs	On Peak Rate	Off Peak Rate	Electricity Revenues	ISONE Market Revenues
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	\$597,309	\$340,323
Mar-18	86%	2,497,017	3,203,098	5,700,115	\$0.05411	\$0.04482	\$357,387	\$281,187
Apr-18	77%	2,793,025	3,186,637	5,979,662	\$0.03281	\$0.02437	\$248,521	\$331,482
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	\$277,764	\$354,742
Nov-18	86%	2,862,852	3,334,312	6,197,164	\$0.03567	\$0.02688	\$298,322	\$474,364
Dec-18	97%	3,020,165	4,274,569	7,294,734	\$0.05324	\$0.04246	\$450,406	\$452,040
Jan-19	99%	3,180,011	3,758,285	6,938,296	\$0.07783	\$0.05982	\$583,406	\$496,681
Feb-19	99%	2,651,508	3,201,561	5,853,069	\$0.06164	\$0.05207	\$435,855	\$311,578
Mar-19	83%	2,352,101	3,338,400	5,690,501	\$0.05240	\$0.04332	\$372,885	\$323,855
Apr-19	96%	3,016,138	3,336,683	6,352,821	\$0.03816	\$0.02902	\$313,740	\$269,096
May-19	98%	3,349,328	3,970,309	7,319,637	\$0.02840	\$0.02066	\$284,189	\$280,308
Jun-19	100%	3,092,847	3,965,086	7,057,933	\$0.03107	\$0.02277	\$293,094	\$261,255
Jul-19	98%	3,203,793	3,791,318	6,995,111	\$0.03947	\$0.02537	\$308,678	\$288,044
Aug-19	97%	3,291,162	3,712,705	7,003,867	\$0.03647	\$0.02256	\$289,837	\$266,347
Sep-19	98%	2,999,562	4,030,099	7,029,661	\$0.03183	\$0.02154	\$276,122	\$240,282
Oct-19	80%	2,719,789	3,169,725	5,889,514	\$0.03072	\$0.02213	\$253,078	\$223,975
Nov-19					\$0.03989	\$0.03048		
Total for contract period							\$2,827,478	\$2,464,741