

EMERA MAINE – MAINE PUBLIC DISTRICT OATT
ATTACHMENT J FORMULA RATES
RATE YEAR JUNE 1, 2018 TO MAY 31, 2019
ESTIMATED ATRR & CHARGES BASED ON ACTUAL CY 2017 VALUES

ATTACHMENT J
EXHIBIT 1b

Summary of Charges for Retail Customers

Line	Description	a	Value	Reference(s)
1	Basic Transmission Service Charges for Retail Customers - Schedules 10,11,12			
2	Total Transmission Revenue Requirement		\$ 4,082,641	Exhibit 2 at 33a
3	Retail Load Ratio Share (rounded to 2 decimal places)		78.10%	Exhibit 8 at 16f
4	Subtotal		\$ 3,188,542	2a * 3a
5				
6	Customer Accounting Costs Allocated to Retail		\$ 240,174	WP Customer Costs at 7a
7	Schedule 1 Charges		\$ 344,294	Exhibit 10 at 4a * 3a
8	Schedule 2 Charges		\$ 70,290	Exhibit 10 at 3a (neg.) * 3a
9	NMISA Operational Costs		\$ 207,753	Exhibit 10 at 2a (neg.)
10	Adjustments		\$ -	WP Retail Adjustments [11d + 11e]
11	Estimated Retail Transmission Revenue Requirement		\$ 4,051,053	Sum [4a:10a]
12				
13	Prior Year Estimated Retail Transmission Revenue Requirement		\$ 2,641,381	Prior Year Estimated, Exh. 1b at 11a
14	Prior Year Actual Retail Transmission Revenue Requirement		\$ 3,493,187	Prior Year Actual, Exh. 1b at 11a
15	Prior Year True-Up (Down)		\$ 851,806	14a - 13a
16	Interest on True-Up (Down)		\$ 36,187	WP Interest on Retail True-Up at 13d
17	Deferred \$ Associated with Prior Year Adjustments		\$ (191,639)	WP Retail June True-Up at 30d
18	Retail Revenue Requirement to Be Used for Charges		\$ 4,747,407	Sum [11a, 15a, 16a, 17a]

Customer Accounting Costs Allocated to Retail

Line	MPD Rate Class Designation	a	b	c	d	e	f	Reference(s)
		Billing Units (Notes 1 & 2)		Class 12-CP %	= 18a * c	= d / a	= d / b	
		kWh	kW	(Note 3)	Revenue Req. \$	Class Rate (Note 4) \$/kWh	Class Rate (Note 5) \$/kW-mo	
19	Residential (A/A1/AH/AHN) (Note 3)	182,144,680		36.4%	\$ 1,727,107	\$ 0.009482		FF1 at 304, Company Records
20	General Service (C,D-2,F,SNO)	94,759,979		21.1%	\$ 1,000,279	\$ 0.010556		FF1 at 304, Company Records
21	Medium Power Service - Primary (EP) (Note 3)	10,360,780	33,883	2.8%	\$ 131,503		\$ 3.88	FF1 at 304, Company Records
22	Large Power Service - Primary TOU (E-P-T)	14,624,520	35,867	2.8%	\$ 132,927		\$ 3.71	FF1 at 304, Company Records
23	Medium Power Service - Secondary (ES)	69,745,888	197,010	13.5%	\$ 642,799		\$ 3.26	FF1 at 304, Company Records
24	Large Power Service - Secondary TOU (E-S-T)	7,701,367	14,955	1.4%	\$ 64,565		\$ 4.32	FF1 at 304, Company Records
25	Sub-Transmission Power Service (S-T)	30,770,250	87,923	5.8%	\$ 274,875		\$ 3.13	FF1 at 304, Company Records
26	Transmission Power Service (H-T)	101,394,000	219,849	15.7%	\$ 746,767		\$ 3.40	FF1 at 304, Company Records
27	Street & Area Lighting (SL, T)	3,469,468		0.6%	\$ 26,585	\$ 0.007663		FF1 at 304, Company Records
28	Retail Revenue Requirement to Be Used for Charges	514,970,932		100.0%	\$ 4,747,407			Sum [19:27]

Notes

- Billing units corresponding to the most recent calendar year will be used.
- kWh and kW are annual values. Annual kW = kW-month * 12.
- Retail 12 CPs will be updated to the most current available calendar year.
- Value rounded to nearest \$0.000001
- Value rounded to nearest \$0.01.

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Workpaper - Retail Charges Corrected

Line	Description	a	b	c	d	e	f	g	h	i	j	k
		Rate Year	Filed Value (KW)	Corrected Value (KW)	Rate (\$/kW-mo)	Rate (\$/kW-mo)	Class ATRR Impact	WP Int on Ret Corr Interest	Exhibit 1b lines 19-27 Requirement for 2018-19	=e + f + g Adjusted Revenue Requirement for 2018-19	=h / (Exh 1b col a) Class Rate \$/kWh	=h / (Exh 1b col b) Class Rate \$/kW-mo
1	Residential (A/A1/AH/AHN) (Note 3)	2017-18							\$ 1,727,107	\$ 1,727,107	\$ 0.009482	
2	General Service (C,D-2,F,SNO)	2017-18							\$ 1,000,279	\$ 1,000,279	\$ 0.010556	
3	Medium Power Service - Primary (EP) (Note 3)	2017-18	43,279	38,758	\$ 2.34	\$ 2.61	\$ 10,465		\$ 131,503	\$ 141,968	\$	4.19
4	Large Power Service - Primary TOU (E-P-T)	2017-18	38,980	34,303	\$ 1.75	\$ 1.99	\$ 8,233		\$ 132,927	\$ 141,160	\$	3.94
5	Medium Power Service - Secondary (ES)	2017-18	196,229	198,798	\$ 2.55	\$ 2.52	\$ (5,964)	\$ (253)	\$ 642,799	\$ 636,582	\$	3.23
6	Large Power Service - Secondary TOU (E-S-T)	2017-18	18,716	14,822	\$ 1.70	\$ 2.14	\$ 6,522		\$ 64,565	\$ 71,086	\$	4.75
7	Sub-Transmission Power Service (S-T)	2017-18	103,992	88,897	\$ 1.49	\$ 1.74	\$ 22,224		\$ 274,875	\$ 297,099	\$	3.38
8	Transmission Power Service (H-T)	2017-18	244,400	216,986	\$ 1.67	\$ 1.88	\$ 45,567		\$ 746,767	\$ 792,334	\$	3.60
9	Street & Area Lighting (SL, T)	2017-18							\$ 26,585	\$ 26,585	\$ 0.007663	
10	TOTAL						\$ 87,046	\$ (253)	\$ 4,747,407	\$ 4,834,200		