

Appendix 3
Monthly ECAM Calculations - January 1, 2019 to December 31, 2021

Energy Cost Adjustment Mechanism	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Total
Purchased Energy Costs	8,022,521	6,775,545	6,222,011	6,475,167	6,123,248	4,996,313	6,343,339	6,160,911	4,756,081	5,452,142	5,665,942	6,872,503	73,865,722
Lepreau Energy Costs	2,172,332	2,077,927	2,101,747	1,543,840	1,918,784	2,035,002	2,133,645	2,018,380	2,095,925	2,167,801	2,054,338	2,122,550	24,442,271
Generation Fuel Costs-PEI Plants	180,487	88,741	113,101	79,422	44,366	21,717	8,057	29,204	19,296	1,755	14,905	74,649	675,701
PEI Plant Operating Costs	479,219	284,003	280,106	296,227	275,956	251,468	213,326	163,392	278,219	317,366	388,823	209,613	3,437,718
Less: Insurance, Property Tax & Training	(70,501)	(71,678)	(70,325)	(70,475)	(70,250)	(72,109)	(52,811)	(67,931)	(76,657)	(68,650)	(67,859)	(68,897)	(828,143)
Amortization - Pt Lepreau Deferred Charge & DSM	21,700	21,700	21,700	21,700	21,700	21,700	21,700	21,700	21,700	21,700	16,799	16,799	250,598
Renewable Energy Costs	2,261,435	2,682,451	2,357,892	2,335,200	1,642,968	1,522,495	1,229,939	1,354,993	1,602,544	1,764,695	2,913,191	2,931,456	24,599,257
	13,067,192	11,858,689	11,026,232	10,681,080	9,956,772	8,776,587	9,897,194	9,680,650	8,697,109	9,656,810	10,986,138	12,158,673	126,443,124
Net Purchased & Produced Energy - kWh (NPP)	141,283,771	129,751,726	122,827,980	109,310,546	106,718,441	96,358,472	107,141,558	110,530,359	94,278,340	107,126,969	120,902,486	139,067,762	1,385,298,410
Base Rate/kWh	0.09161	0.09161	0.09161	0.09161	0.09161	0.09161	0.09161	0.09161	0.09161	0.09161	0.09161	0.09161	0.09161
Base Energy Costs	12,943,006	11,886,556	11,252,271	10,013,939	9,776,476	8,827,400	9,815,238	10,125,686	8,636,839	9,813,902	11,075,877	12,739,998	126,907,187
Difference Between Actual & Base Energy Costs	124,186	(27,867)	(226,039)	667,141	180,295	(50,813)	81,956	(445,037)	60,270	(157,092)	(89,739)	(581,325)	(464,063)
Opening Balance - ECAM	3,976,694	4,027,698	3,925,395	3,632,887	4,238,439	4,359,492	4,252,255	4,281,424	3,777,068	3,782,285	3,572,493	3,422,332	3,976,694
Additions/(Reductions)	124,186	(27,867)	(226,039)	667,141	180,295	(50,813)	81,956	(445,037)	60,270	(157,092)	(89,739)	(581,325)	(464,063)
Rebated/(Collected) From Ratepayer	(73,181)	(74,436)	(66,468)	(61,590)	(59,242)	(56,424)	(52,787)	(59,319)	(55,054)	(52,700)	(60,422)	(68,321)	(739,945)
Closing Balance - ECAM	4,027,698	3,925,395	3,632,887	4,238,439	4,359,492	4,252,255	4,281,424	3,777,068	3,782,285	3,572,493	3,422,332	2,772,686	2,772,686
Cost to Residential Customer (650 kWh/Month)	\$ 0.37	\$ 0.37	\$ 0.37	\$ 0.37	\$ 0.37	\$ 0.37	\$ 0.37	\$ 0.37	\$ 0.37	\$ 0.37	\$ 0.37	\$ 0.37	\$ 4.49

Energy Cost Adjustment Mechanism	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Total
Purchased Energy Costs	7,665,346	7,515,427	7,048,006	7,417,654	6,482,708	5,872,822	6,966,673	6,503,837	5,565,328	5,307,206	6,258,510	8,209,813	80,813,329
Lepreau Energy Costs	2,087,097	2,021,048	2,090,140	1,709,109	1,809,848	2,109,707	2,130,710	2,069,432	2,090,404	2,128,840	2,089,239	2,163,946	24,499,518
Generation Fuel Costs-PEI Plants	186,454	96,923	96,923	45,818	45,818	6,000	57,105	57,105	6,000	45,818	186,454	186,454	876,234
PEI Plant Operating Costs	458,419	253,613	275,937	281,822	295,971	237,001	249,414	176,371	264,077	276,695	249,726	227,910	3,246,955
Less: Insurance, Property Tax & Training	(127,237)	(70,392)	(76,588)	(78,221)	(82,149)	(65,781)	(69,226)	(48,953)	(73,296)	(76,798)	(69,313)	(63,258)	(901,211)
Amortization - Pt Lepreau Deferred Charge & DSM	18,404	18,404	18,404	18,404	18,404	18,404	18,404	18,404	18,404	18,404	18,404	18,404	220,846
Renewable Energy Costs	2,491,904	1,936,124	2,621,853	1,974,752	1,995,256	1,868,149	1,190,556	1,596,512	2,115,073	2,716,353	2,752,416	2,422,495	25,681,445
	12,780,388	11,771,146	12,074,675	11,369,337	10,565,854	10,046,301	10,543,636	10,372,709	9,985,990	10,416,516	11,344,799	13,165,765	134,437,116
Net Purchased & Produced Energy - kWh (NPP)	141,487,405	131,125,522	132,847,503	109,883,761	110,636,753	107,872,784	115,595,697	114,217,713	106,609,798	111,144,747	122,271,622	146,505,349	1,450,198,653
Base Rate/kWh	0.09161	0.09161	0.09245	0.09245	0.09245	0.09245	0.09245	0.09245	0.09245	0.09245	0.09245	0.09245	0.09229
Base Energy Costs	12,961,661	12,012,409	12,281,752	10,158,754	10,228,368	9,972,839	10,686,822	10,559,428	9,856,076	10,275,332	11,304,011	13,544,419	133,841,871
Difference Between Actual & Base Energy Costs	(181,273)	(241,263)	(207,077)	1,210,583	337,486	73,462	(143,187)	(186,719)	129,914	141,185	40,788	(378,655)	595,245
Opening Balance - ECAM	2,772,686	2,516,741	2,203,596	1,764,305	2,736,403	2,860,381	2,725,662	2,373,473	1,961,500	1,872,062	1,808,071	1,627,713	2,772,686
Additions/(Reductions)	(181,273)	(241,263)	(207,077)	1,210,583	337,486	73,462	(143,187)	(186,719)	129,914	141,185	40,788	(378,655)	595,245
Rebated/(Collected) From Ratepayer	(74,673)	(71,882)	(232,214)	(238,485)	(213,508)	(208,181)	(209,003)	(225,254)	(219,351)	(205,176)	(221,146)	(251,640)	(2,370,513)
Closing Balance - ECAM	2,516,741	2,203,596	1,764,305	2,736,403	2,860,381	2,725,662	2,373,473	1,961,500	1,872,062	1,808,071	1,627,713	997,418	997,418
Cost to Residential Customer (650 kWh/Month)	\$ 0.37	\$ 0.37	\$ 1.33	\$ 1.33	\$ 1.33	\$ 1.33	\$ 1.33	\$ 1.33	\$ 1.33	\$ 1.33	\$ 1.33	\$ 1.33	\$ 14.06

Energy Cost Adjustment Mechanism	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Total
Purchased Energy Costs	7,466,249	7,026,643	6,682,938	5,585,183	5,657,774	5,624,995	6,939,213	6,420,268	5,269,355	4,751,988	5,872,008	8,019,583	75,306,198
Lepreau Energy Costs	2,071,234	2,068,953	2,087,606	2,066,299	2,052,736	2,046,008	2,041,898	2,040,802	2,030,777	2,013,004	2,033,000	2,059,590	24,611,906
Generation Fuel Costs-PEI Plants	293,459	136,937	136,937	45,818	45,818	6,000	42,448	42,448	6,000	45,818	45,818	293,459	1,140,958
PEI Plant Operating Costs	493,882	280,469	303,732	309,864	324,608	263,160	276,094	199,981	291,373	304,521	276,420	253,687	3,577,792
Less: Insurance, Property Tax & Training	(134,732)	(74,538)	(82,829)	(86,987)	(86,987)	(69,656)	(73,304)	(51,836)	(77,613)	(81,322)	(73,396)	(66,984)	(954,297)
Amortization - Pt Lepreau Deferred Charge & DSM	21,669	21,669	21,669	21,669	21,669	21,669	21,669	21,669	21,669	21,669	21,669	21,669	260,033
Renewable Energy Costs	3,431,189	2,706,962	3,542,154	2,768,124	2,773,362	2,611,694	1,744,986	2,199,055	2,898,464	3,844,836	3,771,115	3,300,367	35,592,307
	13,632,951	12,167,096	12,693,936	10,714,128	10,788,980	10,503,870	10,993,005	10,872,387	10,440,025	10,900,515	11,946,634	13,881,371	139,534,898
Net Purchased & Produced Energy - kWh (NPP)	147,419,491	130,638,663	136,744,600	113,170,842	114,804,825	111,682,857	119,696,775	118,217,790	110,180,872	115,332,820	127,158,699	151,821,446	1,496,869,680
Base Rate/kWh	0.09245	0.09245	0.09322	0.09322	0.09322	0.09322	0.09322	0.09322	0.09322	0.09322	0.09322	0.09322	0.09308
Base Energy Costs	13,628,932	12,077,544	12,747,332	10,549,786	10,702,106	10,411,076	11,158,133	11,020,262	10,271,061	10,751,325	11,853,734	14,152,795	139,324,087
Difference Between Actual & Base Energy Costs	4,019	89,551	(53,395)	164,342	86,874	92,794	(165,129)	(147,875)	168,964	149,189	92,900	(271,424)	210,812
Opening Balance - ECAM	997,418	721,061	542,258	404,284	482,374	492,516	510,747	270,797	42,170	132,488	208,178	221,480	997,418
Additions/(Reductions)	4,019	89,551	(53,395)	164,342	86,874	92,794	(165,129)	(147,875)	168,964	149,189	92,900	(271,424)	210,812

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Rebated/(Collected) From Ratepayer	(280,376)	(268,355)	(84,579)	(86,252)	(76,732)	(74,563)	(74,822)	(80,751)	(78,646)	(73,499)	(79,598)	(90,921)	(1,349,094)
Closing Balance - ECAM	721,061	542,258	404,284	482,374	492,516	510,747	270,797	42,170	132,488	208,178	221,480	(140,865)	(140,865)
Cost to Residential Customer (650 kWh/Month)	\$ 1.33	\$ 1.33	\$ 0.33	\$ 0.33	\$ 0.33	\$ 0.33	\$ 0.33	\$ 0.33	\$ 0.33	\$ 0.33	\$ 0.33	\$ 0.33	\$ 5.98

The January 1, 2020 ECAM opening balance of \$2,772,686 will be collected from customers from March 1, 2020 to February 28, 2021.

The January 1, 2021 ECAM opening balance of \$997,418 will be collected from customers from March 1, 2021 to February 28, 2022. Forecast collections in January 2021 are \$100,705 and in February 2021 are \$96,353.

The proposed total amount of energy costs to be deferred from January 1 to December 31, 2020 is \$595,245.

The proposed total amount of energy costs to be deferred from January 1 to December 31, 2021 is \$210,812.