

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)	(72,109)	(72,109)	(67,931)	(70,251)	(68,650)	(67,857)	(67,857)	(68,897)	(682,143)
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	8,697,549	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	7,568,618	7,418,699	6,951,279	7,320,926	6,385,980	5,776,094	6,869,945	6,407,109	5,468,600	5,210,478	6,161,782	8,113,085	79,652,596
Lepreau Energy Costs	2,087,097	2,021,048	2,090,140	1,709,109	1,809,846	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	45,818	876,254	876,254
PEI Plant Operating Costs	458,419	253,613	275,971	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
	12,883,660	11,674,418	11,977,947	11,272,609	10,469,127	9,949,574	10,446,908	10,275,981	9,889,262	10,319,789	11,248,071	13,069,377	133,276,383
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	0.09225	0.09225	0.09225	0.09225	0.09225	0.09225	0.09225	0.09225	0.09225	0.09225	0.09213
Base Energy Costs	12,961,661	12,012,409	12,255,182	10,136,777	10,206,240	9,951,264	10,663,703	10,536,584	9,834,754	10,253,103	11,279,557	13,515,118	133,606,353
Difference Between Actual & Base Energy Costs	(278,001)	(337,991)	(277,235)	1,135,832	262,886	(1,691)	(216,795)	(260,603)	54,508	66,686	(31,486)	(446,081)	(329,970)
Opening Balance - ECAM	2,772,686	2,420,013	2,010,140	1,500,691	2,398,038	2,447,416	2,237,544	1,811,746	1,325,889	1,161,045	1,022,556	769,924	2,772,686
Additions/(Reductions)	(278,001)	(337,991)	(277,235)	1,135,832	262,886	(1,691)	(216,795)	(260,603)	54,508	66,686	(31,486)	(446,081)	(329,970)
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	2,420,013	2,010,140	1,500,691	2,398,038	2,447,416	2,237,544	1,811,746	1,325,889	1,161,045	1,022,556	769,924	72,203	72,203
General Ledger Closing Balance	2,420,013	2,010,140	1,500,691	2,398,038	2,447,416	2,237,544	1,811,746	1,325,889	1,161,045	1,022,556	769,924	72,203	72,203
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	7,359,521	6,929,915	6,586,210	5,488,455	5,561,047	5,528,268	6,842,486	6,323,541	5,172,628	4,655,260	5,775,281	7,922,855	74,145,465
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)	(81,099)	(82,829)	(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
	13,536,223	12,070,368	12,597,209	10,617,400	10,692,252	10,407,142	10,896,277	10,775,660	10,343,297	10,803,787	11,849,907	13,784,643	138,374,166
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	0.09225	0.09225	0.09244	0.09244	0.09244	0.09244	0.09244	0.09244	0.09244	0.09244	0.09244	0.09244	0.09240
Base Energy Costs	13,599,448	12,051,417	12,640,671	10,461,513	10,612,558	10,323,963	11,064,770	10,928,053	10,185,120	10,661,366	11,754,550	14,034,374	138,317,802
Difference Between Actual & Base Energy Costs	(63,225)	18,951	(43,462)	155,888	79,694	83,179	(168,493)	(152,393)	158,177	142,421	95,357	(249,731)	56,364
Opening Balance - ECAM	72,203	(271,398)	(520,801)	(570,386)	(420,743)	(346,603)	(268,822)	(442,732)	(600,970)	(448,486)	(311,386)	(281,792)	72,203
Additions/(Reductions)	(63,225)	18,951	(43,462)	155,888	79,694	83,179	(168,493)	(152,393)	158,177	142,421	95,357	(249,731)	56,364
Rebated/(Collected) From Ratepayer	(280,376)	(268,355)	(6,123)	(6,244)	(5,555)	(5,398)	(5,417)	(5,846)	(5,693)	(5,321)	(5,762)	(6,582)	(606,671)
Closing Balance - ECAM	(271,398)	(520,801)	(570,386)	(420,743)	(346,603)	(268,822)	(442,732)	(600,970)	(448,486)	(311,386)	(221,792)	(478,105)	(478,105)
Cost to Residential Customer (650 kWh/Month)	\$ 1.33	\$ 1.33	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 0.03	\$ 3.00

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 \$543,237 will be collected from customers from March 1, 2021 to February 28, 2022. Forecast collections in January 2022 are \$54,848 and in February 2022 are \$52,478.

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.