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April 21, 2021 ***- via Electronic Filing -***

Alberta Electric System Operator
2500, 330 – 5th Avenue SW
Calgary, AB T2P 0L4

Attention: Nicole LeBlanc
Director, Markets & Tariff

Dear Ms. LeBlanc:

Re: AESO Bulk and Regional Tariff Design Stakeholder Engagement
ENMAX Power Corporation ("EPC") Analysis of Potential Distribution Tariff Bill Impacts

EPC provides the attached analysis of potential bill impacts in response to requests from the AESO and customers in the Bulk and Regional Tariff Stakeholder Engagement ("Stakeholder Engagement"). The attached bill impact analysis provides an estimate of the potential range of impacts to the transmission component of an individual customer's bill based on the AESO's preferred DTS rate design relative to the AESO's test year rates as presented in Session #5 of the Stakeholder Engagement.

As noted in the Disclaimer section of the bill impact analysis, EPC is providing this information for the sole purpose of assisting EPC distribution tariff customers, participating in the Stakeholder Engagement to assess their potential bill impacts to the transmission component should the AESO's preferred DTS rate design be approved. EPC consents to the AESO distributing this bill impact analysis to parties participating in the Stakeholder Engagement and it being posted to the AESO website. The information contained in this bill impact analysis is not to be used for any other purpose. Please contact me should you have any additional questions at 403-390-7748.

Regards,

Wesley Manfro
Regulatory Specialist, Regulatory Applications

Attach.

ENMAX Power Corporation ("EPC")
AESO Bulk and Regional Tariff Design Stakeholder Engagement

21-Apr-2021

Analysis of AESO Preferred DTS Tariff Design (as presented @ AESO Session 5) and as flowed-through to EPC's Distribution Tariff ("DT") Rate Classes

			A	B	C	D	E	F	G	H	I	J	K	L
			Total 2019 DTS (On Currently Approved AESO Structure)	**Total 2019 DTS** (On AESO Preferred Structure)	**Estimated % Impact to Transmission Component of EPC DT** (if AESO Preferred Design were approved)	**Typical Range of Estimated % Impact to Transmission Component of EPC DT** (for individual customers within a rate class)			**Capacity Assumptions** used in calculating Columns D through E					
Line No.	Rate Class Description	Rate Code				**Low** Load Factor / Usage Customer	**Typical** Load Factor / Usage Customer	**High** Load Factor / Usage Customer	**Low** Load Factor	**Typical** Load Factor	**High** Load Factor	**Low** Avg. kVA	**Typical** Avg. kVA	**High** Avg. kVA
1	Residential	D100	$ 112,475,630	$ 108,252,915	**-3.8%**	-3.8%	-3.8%	-3.8%						
2	Small Commercial	D200	14,725,900	14,015,496	**-4.8%**	-4.8%	-4.8%	-4.8%						
3	Medium Commercial	D300	49,204,401	47,950,530	**-2.5%**	-6.5%	-1.2%	5.0%	16.6%	45.2%	84.5%	78	96	90
4	Large Commercial - Secondary	D310	93,236,747	91,107,402	**-2.3%**	-6.9%	-2.2%	3.4%	16.6%	45.3%	84.1%	262	347	628
5	Large Commercial - Primary	D410	48,574,438	49,302,090	**1.5%**	-0.6%	1.3%	4.4%	15.8%	46.6%	81.0%	1,086	2,368	5,247
6	Streetlighting	D500	2,939,880	3,095,098	**5.3%**	5.3%	5.3%	5.3%						
7	Total EPC D-connected PODs	-	**321,156,996**	**313,723,530**	**-2.3%**									

Bill Impact Analysis Assumptions:

1. Analysis completed by EPC based on its Transmission Cost Allocation method and rate design to DT rate classes as currently approved by the Commission.
2. Transmission Cost Allocation and Rate Design uses AESO 2019 DTS rates (as presented in AESO Session 5) and the forecast DTS and DT rate class billing determinants (as approved in EPC's 2021 Annual PBR rate filing) as summed across all EPC D-connected PODs.
3. Range of Estimated % Impact to T component of EPC's DT will vary based on individual customer's load characteristics / billing determinants and were calculated using a modified version of the bill impact schedules filed in all EPC rate applications.
4. The underlying low, typical, and high load factor and usage scenarios used to determine bill impacts in Columns D through L are for illustrative purposes only, and provide a reasonable range of potential impacts for the majority of customers in the DT rate class.
5. EPC's D600 rate class receive direct flow-through of the AESO's DTS tariff and can be estimated using the AESO-provided bill impact tool.

EPC Disclaimer:

1) EPC provides the information contained in this schedule for informational purposes only for those participating in the AESO Bulk and Regional Tariff Design Stakeholder Engagement. The information in this document is provided on an "as is" basis, without warranty or condition of any kind, either express or implied, The user of the information assumes all risk for the use of this information. EPC, on behalf of its affiliates, officers, directors, employees, agents, consultants or contractors, disclaims all liability for the use of the information provided, including liability for any losses, damages, lawsuits, claims or expenses.

2) The information provided in this schedule has been provided only to assit EPC distribution tariff customers, participating in the AESO Bulk and Regional Tariff Design Stakeholder Engagement, in assessing potential bill impacts to the transmission component of EPC's distribution tariff that may result if the AESO's preferred rate design is approved. The information contained in this bill impact schedule is provided only for this express purpose and is not to be used for any other purposes. Without EPC's prior written consent, parties receiving this information will not, directly or indirectly, disclose the information to any person or entity.

3) EPC notes that the estimated bill impacts for individual distribution-connected customers will vary from the estimates provided in this workbook as a result of actual demand, energy usage, and load factor and the actual approved rates. Further, EPC notes that the information in this workbook will also vary if any changes are made to the transmission component of EPC's distribution tariff, as approved from time to time by the Commission.