

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

Line NO.	Rate Class Description	Rate Code	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 FortisAlberta DT (if AESO Preferred Design were approved)	Typical Range of Estimated % Impact to Transmission Component of FortisAlberta DT (for individual customers within a rate class)			Load Factor / kW of Capacity Assumptions used in calculating Columns D through E								
			('000)	('000)		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 kW of Capacity	Typical kW of Capacity	High kW of Capacity			
1	Residential	11	\$ 139,040	\$ 135,534	-2.5%	-2.5%	-2.5%										
2	FortisAlberta Farm	21-23	28,269	27,518	-2.7%	-2.7%	-2.7%										
3	REA Farm	24-29	23,575	23,043	-2.3%	-2.3%	-2.3%										
4	FortisAlberta Irrigation	26	16,637	15,870	-4.6%	-4.6%	-4.6%										
5	Exterior Lighting	3X	1,956	1,925	-1.6%	-1.7%	-1.7%										
6	Small General Service	41	56,522	55,367	-2.0%	-17.9%	-6.4%	1.6%	10.0%	25.0%	37.0%	3	5	19			
7	Oil and Gas	44-45	25,391	26,392	3.9%	-18.9%	-2.3%	5.0%	10.0%	37.0%	51.0%	3	8	31			
8	General Service	61	230,570	230,433	-0.1%	-5.6%	-2.3%	2.7%	30.0%	35.5%	54.3%	106	433	1,500			
9	Large General Service	63	113,876	116,038	1.9%	-1.7%	1.1%	3.7%	25.0%	30.0%	40.0%	2,000	3,458	8,805			
10	Total FortisAlberta D-connected PODs	—	635,836	632,121	-0.6%												

Note: Given that all transmission costs are metered and recovered exclusively through an energy charge in Rates 11 through 26, and a wattage charge for Lighting 3X, the % bill impact is uniform across full range of load factors / kW's.

Bill Impact Analysis Assumptions:

1. Analysis completed by FortisAlberta 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 FortisAlberta's 2021 Annual PBR rate filing) as summed across all FortisAlberta D-connected PODs .
3. Range of Estimated % Impact to T component of FortisAlberta's DT will vary based on individual customer's load characteristics / billing determinants and were calculated using a modified version of the bill impact 4.2 series schedules as filed in FortisAlberta's 2021 PBR Rates Filing.
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. FortisAlberta Rate 65 - Transmission Connected Service customers that are served by a dedicated AESO POD and receive a direct flow-through of the AESO's DTS tariff can estimate their bill impacts using the AESO-provided bill impact tool.

FortisAlberta Inc. DISCLAIMER:

1. FortisAlberta Inc. 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 provided in this document is not intended as advice to, or concerning, particular customers or circumstances. The information contained in this workbook is provided on an "as is" basis, without warranty or condition of any kind, either express or implied, including warranties of completeness, accuracy, usability, fitness for a particular purpose or merchantability. The user of the information assumes all risk for the use of this information. FortisAlberta, on behalf of its affiliates, officers, directors, employees, agents, consultants and contractors, completely disclaims all liability for the use of the information provided in this workbook by any recipient, including liability for any losses, damages, lawsuits, claims or expenses, including, but not limited to, consequential losses anyone may incur as a result of using this information.
2. The information provided in this schedule has been provided only to assist FortisAlberta distribution tariff customers, participating in the AESO Bulk and Regional Tariff Design Stakeholder Engagement, in assessing potential bill impacts to the transmission component of FortisAlberta's distribution tariff that may result if the AESO's preferred DTS rate design is approved. The information contained in this bill impact schedule is provided only for this express purpose and may not be used, or relied on, for any other purpose. No party may reproduce, alter, or publish the information contained in this document without the express prior written consent of FortisAlberta Inc.
3. FortisAlberta 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, kWh usage and load factor at the FortisAlberta Point of Service and the actual approved rates. Further, FortisAlberta notes that the information in this workbook will also vary if any changes are made to the transmission component of FortisAlberta's distribution tariff, as approved from time to time by the Commission.