

Rider C Calculation For Calendar Quarter Q1 2019 Applicable to Rates DTS, FTS and PSC



The AESO calculates Rider C charges and credits in accordance with Rider C of the ISO tariff, *Deferral Account Adjustment Rider*, as published on the AESO website. Rider C was most recently approved in Decision 22942-D01-2017 issued by the Alberta Utilities Commission on November 28, 2017.

Table 1 below provides a summary of Rider C charges and credits for each calendar quarter of 2019 calculated to date. Table 3 on the next page provides the detailed calculations for the latest calendar quarter by rate component. Detailed calculations for earlier calendar quarters are provided in previous Rider C calculations published on the AESO website.

Table 1 – Summary of Rider C Charges and Credits (%)

Rate Component	Rider C Charge (Credit) (%)			
	Q1 2019	Q2 2019	Q3 2019	Q4 2019
Connection charge and primary service credit	0.01%			
Operating reserve charge	1.04%			
Transmission constraint rebalancing charge	0.00%			
Voltage control charge	9.94%			
Other system support services charge	(10.61%)			

Table 2 below lists the cost and revenue amounts included in each rate component in the Rider C calculation. These items reflect the AESO revenue requirement as filed and approved in the ISO tariff application expected to be effective for the calendar quarter. The Rider C calculation for Q1 2019 reflects Decision 23065-D01-2017 issued by the Alberta Utilities Commission on November 28, 2017.

Table 2 – Cost and Revenue Amounts Included in Rider C Calculation

Rate Component	Cost Amounts	Revenue Amounts
Connection charge and primary service credit	TFO wires-related costs (including isolated generation)	Rate DTS charge
	Non-wires costs (IBOC and LBC SO)	Rate FTS charge
	Other industry costs	Rate PSC credit
	General and administrative costs	
	Tariff revenue offsets	
Operating reserve charge	Operating reserves	Rate DTS charge
	Black start	Rate FTS charge
	Load shed service for imports (LSSi)	
Transmission constraint rebalancing charge	Transmission constraint rebalancing (TCR)	Rate DTS charge Rate FTS charge
Voltage control charge	Transmission must-run (TMR)	Rate DTS charge Rate FTS charge
Other system support services charge	Reliability services from BC	Rate DTS charge
	Poplar Hill	Rate FTS charge

In accordance with the deferral account reconciliation methodology approved by the Alberta Utilities Commission, all cost and revenue transactions are reported by production period.

All prior-period amounts which were settled before or accrued as of December 31, 2018 are excluded from the Q1 2019 Rider C calculation. Those prior-period amounts will be included in the deferral account reconciliation application the AESO files for the prior period.

Table 3 – Calculation Detail for Rider C Charges (Credits)

Production Period	Basis for Values	Revenues Collected (\$ 000 000)	Costs Paid (\$ 000 000)	Variance (\$ 000 000)	Rider C Collected (\$ 000 000)	Monthly Variance (\$ 000 000)	Rider C Amount (%)
Connection Charge and Primary Service Credit							
Pre-2019	Actual	–	–	–	–	–	
Jan 2019	Estimate	166.9	(160.6)	6.3	–	6.3	Monthly Variance
Feb 2019	Estimate	162.1	(160.8)	1.3	–	1.3	
Mar 2019	Estimate	157.5	(160.9)	(3.4)	–	(3.4)	Total (\$0.2)
Apr 2019	Estimate	152.8	(160.7)	(7.9)	–	(7.9)	
May 2019	Estimate	155.8	(160.9)	(5.1)	–	(5.1)	Shortfall
Jun 2019	Estimate	157.2	(160.9)	(3.7)	–	(3.7)	
Jul 2019	Estimate	162.8	(160.8)	2.0	–	2.0	Remaining Revenue Jan-Dec
Aug 2019	Estimate	164.2	(159.4)	4.8	–	4.8	
Sep 2019	Estimate	160.0	(159.7)	0.3	–	0.3	\$1,925.1
Oct 2019	Estimate	153.8	(160.1)	(6.3)	–	(6.3)	
Nov 2019	Estimate	163.9	(160.5)	3.4	–	3.4	Rider C Charge
Dec 2019	Estimate	168.0	(160.1)	7.9	–	7.9	
Component Totals		1,925.1	(1,925.3)	(0.2)	–	(0.2)	0.01%
Operating Reserve Charge							
Pre-2019	Actual	–	–	–	–	–	
Jan 2019	Estimate	31.0	(31.3)	(0.2)	–	(0.2)	Monthly Variance
Feb 2019	Estimate	24.5	(24.7)	(0.2)	–	(0.2)	
Mar 2019	Estimate	23.5	(23.7)	(0.2)	–	(0.2)	Total (\$3.0)
Apr 2019	Estimate	14.7	(15.0)	(0.2)	–	(0.2)	
May 2019	Estimate	20.7	(20.9)	(0.2)	–	(0.2)	Shortfall
Jun 2019	Estimate	17.3	(17.6)	(0.2)	–	(0.2)	
Jul 2019	Estimate	33.5	(33.7)	(0.2)	–	(0.2)	Remaining Revenue Jan-Dec
Aug 2019	Estimate	27.4	(27.7)	(0.2)	–	(0.2)	
Sep 2019	Estimate	20.5	(20.7)	(0.2)	–	(0.2)	\$285.7
Oct 2019	Estimate	12.7	(12.9)	(0.2)	–	(0.2)	
Nov 2019	Estimate	27.2	(27.5)	(0.2)	–	(0.2)	Rider C Charge
Dec 2019	Estimate	32.8	(33.0)	(0.2)	–	(0.2)	
Component Totals		285.7	(288.7)	(3.0)	–	(3.0)	1.04%
Transmission Constraint Rebalancing Charge							
Pre-2019	Actual	–	–	–	–	–	
Jan 2019	Estimate	0.0	(0.0)	–	–	–	Monthly Variance
Feb 2019	Estimate	0.0	(0.0)	–	–	–	
Mar 2019	Estimate	0.0	(0.0)	–	–	–	Total \$0.0
Apr 2019	Estimate	0.0	(0.0)	–	–	–	
May 2019	Estimate	0.0	(0.0)	–	–	–	Surplus
Jun 2019	Estimate	0.0	(0.0)	–	–	–	
Jul 2019	Estimate	0.0	(0.0)	–	–	–	Remaining Revenue Jan-Dec
Aug 2019	Estimate	0.0	(0.0)	–	–	–	
Sep 2019	Estimate	0.0	(0.0)	–	–	–	\$0.1
Oct 2019	Estimate	0.0	(0.0)	–	–	–	
Nov 2019	Estimate	0.0	(0.0)	–	–	–	Rider C Charge
Dec 2019	Estimate	0.0	(0.0)	–	–	–	
Component Totals		0.1	(0.1)	–	–	–	0.00%

Table 3 – Calculation Detail for Rider C Charges (Credits)

Production Period	Basis for Values	Revenues Collected (\$ 000 000)	Costs Paid (\$ 000 000)	Variance (\$ 000 000)	Rider C Collected (\$ 000 000)	Monthly Variance (\$ 000 000)	Rider C Amount (%)
Voltage Control Charge							
Pre-2019	Actual	0.0	–	0.0	–	0.0	
Jan 2019	Estimate	0.3	(0.3)	(0.0)	–	(0.0)	<i>Monthly Variance Total (\$0.3) Shortfall Remaining Revenue Jan-Dec \$3.1 Rider C Charge 9.94%</i>
Feb 2019	Estimate	0.3	(0.3)	(0.0)	–	(0.0)	
Mar 2019	Estimate	0.3	(0.3)	(0.0)	–	(0.0)	
Apr 2019	Estimate	0.2	(0.3)	(0.0)	–	(0.0)	
May 2019	Estimate	0.2	(0.3)	(0.0)	–	(0.0)	
Jun 2019	Estimate	0.2	(0.3)	(0.0)	–	(0.0)	
Jul 2019	Estimate	0.3	(0.3)	(0.0)	–	(0.0)	
Aug 2019	Estimate	0.3	(0.3)	(0.0)	–	(0.0)	
Sep 2019	Estimate	0.2	(0.3)	(0.0)	–	(0.0)	
Oct 2019	Estimate	0.3	(0.3)	(0.0)	–	(0.0)	
Nov 2019	Estimate	0.3	(0.3)	(0.0)	–	(0.0)	
Dec 2019	Estimate	0.3	(0.3)	0.0	–	0.0	
Component Totals		3.1	(3.4)	(0.3)	–	(0.3)	
Other System Support Services Charge							
Pre-2019	Actual	(0.0)	–	(0.0)	–	(0.0)	
Jan 2019	Estimate	0.4	(0.4)	0.0	–	0.0	<i>Monthly Variance Total \$0.5 Surplus Remaining Revenue Jan-Dec \$5.1 Rider C Credit (10.61%)</i>
Feb 2019	Estimate	0.4	(0.4)	0.1	–	0.1	
Mar 2019	Estimate	0.4	(0.4)	0.0	–	0.0	
Apr 2019	Estimate	0.4	(0.4)	0.0	–	0.0	
May 2019	Estimate	0.4	(0.4)	0.0	–	0.0	
Jun 2019	Estimate	0.4	(0.4)	0.1	–	0.1	
Jul 2019	Estimate	0.4	(0.4)	0.1	–	0.1	
Aug 2019	Estimate	0.4	(0.4)	0.1	–	0.1	
Sep 2019	Estimate	0.4	(0.4)	0.1	–	0.1	
Oct 2019	Estimate	0.4	(0.4)	0.0	–	0.0	
Nov 2019	Estimate	0.4	(0.4)	0.1	–	0.1	
Dec 2019	Estimate	0.4	(0.4)	0.1	–	0.1	
Component Totals		5.1	(4.5)	0.5	–	0.5	
Summary for All Components							
Pre-2019	Actual	(0.0)	–	(0.0)	–	(0.0)	
Jan 2019	Estimate	198.7	(192.6)	6.1	–	6.1	
Feb 2019	Estimate	187.2	(186.2)	1.0	–	1.0	
Mar 2019	Estimate	181.7	(185.3)	(3.6)	–	(3.6)	
Apr 2019	Estimate	168.2	(176.4)	(8.2)	–	(8.2)	
May 2019	Estimate	177.1	(182.5)	(5.3)	–	(5.3)	
Jun 2019	Estimate	175.2	(179.1)	(3.9)	–	(3.9)	
Jul 2019	Estimate	197.0	(195.2)	1.8	–	1.8	
Aug 2019	Estimate	192.3	(187.7)	4.6	–	4.6	
Sep 2019	Estimate	181.1	(181.1)	0.1	–	0.1	
Oct 2019	Estimate	167.1	(173.7)	(6.5)	–	(6.5)	
Nov 2019	Estimate	191.9	(188.7)	3.2	–	3.2	
Dec 2019	Estimate	201.5	(193.8)	7.8	–	7.8	
Summary Totals		2,219.1	(2,222.0)	(2.9)	–	(2.9)	

Distribution system owners have requested the AESO provide the following information:
 Total Rate DTS metered energy for Q1-Q4 2019: 62,524.0 GWh