

# Rider C Calculation For Calendar Quarter Q1 2018 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 2018 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 2018	Q2 2018	Q3 2018	Q4 2018
Connection charge and primary service credit	(0.21%)			
Operating reserve charge	2.43%			
Transmission constraint rebalancing charge	0.00%			
Voltage control charge	(4.53%)			
Other system support services charge	(6.75%)			

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 2018 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, 2017 are excluded from the Q1 2018 Rider C calculation. Those amounts will be included in the AESO's 2017 deferral account reconciliation application.

**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 (%)
<b>Connection Charge and Primary Service Credit</b>							
Pre-2018	Actual	–	–	–	–	–	
Jan 2018	Estimate	154.3	(150.3)	4.0	–	4.0	<i>Monthly Variance</i>
Feb 2018	Estimate	153.6	(150.6)	3.1	–	3.1	
Mar 2018	Estimate	150.2	(150.9)	(0.7)	–	(0.7)	<i>Total \$3.8 Surplus</i>
Apr 2018	Estimate	141.3	(150.9)	(9.6)	–	(9.6)	
May 2018	Estimate	146.7	(151.0)	(4.3)	–	(4.3)	<i>Remaining Revenue</i>
Jun 2018	Estimate	148.5	(150.9)	(2.4)	–	(2.4)	
Jul 2018	Estimate	153.6	(150.3)	3.2	–	3.2	<i>Jan-Dec \$1,810.0</i>
Aug 2018	Estimate	150.2	(149.5)	0.7	–	0.7	
Sep 2018	Estimate	145.3	(149.6)	(4.3)	–	(4.3)	<i>Rider C Credit</i>
Oct 2018	Estimate	148.4	(150.8)	(2.4)	–	(2.4)	
Nov 2018	Estimate	156.1	(150.8)	5.3	–	5.3	<i>(0.21%)</i>
Dec 2018	Estimate	161.8	(150.7)	11.1	–	11.1	
Component Totals		1,810.0	(1,806.2)	3.8	–	3.8	
<b>Operating Reserve Charge</b>							
Pre-2018	Actual	–	–	–	–	–	
Jan 2018	Estimate	12.0	(12.4)	(0.4)	–	(0.4)	<i>Monthly Variance</i>
Feb 2018	Estimate	9.8	(10.2)	(0.4)	–	(0.4)	
Mar 2018	Estimate	11.9	(12.3)	(0.4)	–	(0.4)	<i>Total (\$4.9) Shortfall</i>
Apr 2018	Estimate	36.3	(36.7)	(0.4)	–	(0.4)	
May 2018	Estimate	14.5	(15.0)	(0.4)	–	(0.4)	<i>Remaining Revenue</i>
Jun 2018	Estimate	19.1	(19.5)	(0.4)	–	(0.4)	
Jul 2018	Estimate	19.1	(19.5)	(0.4)	–	(0.4)	<i>Jan-Dec \$203.3</i>
Aug 2018	Estimate	19.8	(20.2)	(0.4)	–	(0.4)	
Sep 2018	Estimate	14.8	(15.2)	(0.4)	–	(0.4)	<i>Rider C Charge</i>
Oct 2018	Estimate	19.0	(19.4)	(0.4)	–	(0.4)	
Nov 2018	Estimate	14.3	(14.7)	(0.4)	–	(0.4)	<i>2.43%</i>
Dec 2018	Estimate	12.6	(13.1)	(0.4)	–	(0.4)	
Component Totals		203.3	(208.3)	(4.9)	–	(4.9)	
<b>Transmission Constraint Rebalancing Charge</b>							
Pre-2018	Actual	–	–	–	–	–	
Jan 2018	Estimate	0.0	(0.0)	–	–	–	<i>Monthly Variance</i>
Feb 2018	Estimate	0.0	(0.0)	–	–	–	
Mar 2018	Estimate	0.0	(0.0)	–	–	–	<i>Total \$0.0 Surplus</i>
Apr 2018	Estimate	0.0	(0.0)	–	–	–	
May 2018	Estimate	0.0	(0.0)	–	–	–	<i>Remaining Revenue</i>
Jun 2018	Estimate	0.0	(0.0)	–	–	–	
Jul 2018	Estimate	0.0	(0.0)	–	–	–	<i>Jan-Dec \$0.1</i>
Aug 2018	Estimate	0.0	(0.0)	–	–	–	
Sep 2018	Estimate	0.0	(0.0)	–	–	–	<i>Rider C Charge</i>
Oct 2018	Estimate	0.0	(0.0)	–	–	–	
Nov 2018	Estimate	0.0	(0.0)	–	–	–	<i>0.00%</i>
Dec 2018	Estimate	0.0	(0.0)	–	–	–	
Component Totals		0.1	(0.1)	–	–	–	

**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 (%)
<b>Voltage Control Charge</b>							
Pre-2018	Actual	–	–	–	–	–	
Jan 2018	Estimate	0.5	(0.4)	0.1	–	0.1	Monthly Variance
Feb 2018	Estimate	0.5	(0.4)	0.0	–	0.0	
Mar 2018	Estimate	0.5	(0.4)	0.0	–	0.0	Total \$0.3
Apr 2018	Estimate	0.4	(0.4)	0.0	–	0.0	
May 2018	Estimate	0.4	(0.5)	(0.0)	–	(0.0)	Surplus
Jun 2018	Estimate	0.4	(0.4)	(0.0)	–	(0.0)	
Jul 2018	Estimate	0.5	(0.4)	0.0	–	0.0	Remaining Revenue
Aug 2018	Estimate	0.5	(0.4)	0.0	–	0.0	
Sep 2018	Estimate	0.4	(0.4)	(0.0)	–	(0.0)	Jan-Dec \$5.5
Oct 2018	Estimate	0.5	(0.4)	0.0	–	0.0	
Nov 2018	Estimate	0.5	(0.5)	0.0	–	0.0	Rider C Credit (4.53%)
Dec 2018	Estimate	0.5	(0.4)	0.1	–	0.1	
Component Totals		5.5	(5.3)	0.3	–	0.3	
<b>Other System Support Services Charge</b>							
Pre-2018	Actual	–	–	–	–	–	
Jan 2018	Estimate	0.5	(0.5)	0.1	–	0.1	Monthly Variance
Feb 2018	Estimate	0.5	(0.5)	0.1	–	0.1	
Mar 2018	Estimate	0.5	(0.5)	0.0	–	0.0	Total \$0.4
Apr 2018	Estimate	0.5	(0.5)	(0.0)	–	(0.0)	
May 2018	Estimate	0.5	(0.5)	0.0	–	0.0	Surplus
Jun 2018	Estimate	0.5	(0.5)	0.0	–	0.0	
Jul 2018	Estimate	0.5	(0.5)	0.0	–	0.0	Remaining Revenue
Aug 2018	Estimate	0.5	(0.5)	0.0	–	0.0	
Sep 2018	Estimate	0.5	(0.5)	0.0	–	0.0	Jan-Dec \$6.1
Oct 2018	Estimate	0.5	(0.5)	0.0	–	0.0	
Nov 2018	Estimate	0.5	(0.5)	0.0	–	0.0	Rider C Credit (6.75%)
Dec 2018	Estimate	0.5	(0.5)	0.1	–	0.1	
Component Totals		6.1	(5.6)	0.4	–	0.4	
<b>Summary for All Components</b>							
Pre-2018	Actual	–	–	–	–	–	
Jan 2018	Estimate	167.2	(163.5)	3.7	–	3.7	
Feb 2018	Estimate	164.5	(161.7)	2.7	–	2.7	
Mar 2018	Estimate	163.1	(164.1)	(1.0)	–	(1.0)	
Apr 2018	Estimate	178.6	(188.6)	(10.0)	–	(10.0)	
May 2018	Estimate	162.2	(166.9)	(4.7)	–	(4.7)	
Jun 2018	Estimate	168.5	(171.3)	(2.8)	–	(2.8)	
Jul 2018	Estimate	173.7	(170.8)	2.9	–	2.9	
Aug 2018	Estimate	171.0	(170.6)	0.4	–	0.4	
Sep 2018	Estimate	161.1	(165.8)	(4.7)	–	(4.7)	
Oct 2018	Estimate	168.3	(171.0)	(2.7)	–	(2.7)	
Nov 2018	Estimate	171.4	(166.5)	4.9	–	4.9	
Dec 2018	Estimate	175.5	(164.7)	10.8	–	10.8	
Summary Totals		2,025.0	(2,025.5)	(0.5)	–	(0.5)	