

Rider C Calculation For Calendar Quarter Q1 2021 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-D02-2019 issued by the Alberta Utilities Commission on September 22, 2019.

Table 1 below provides a summary of Rider C charges and credits for the first calendar quarter of 2021 calculated to date. Table 3 on the next page provides the detailed calculations for each 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 2021	Q2 2021	Q3 2021	Q4 2021
Connection charge and primary service credit	0.00%			
Operating reserve charge	1.66%			
Transmission constraint rebalancing charge	0.00%			
Voltage control charge	(31.53%)			
Other system support services charge	(20.48%)			

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 2021 reflects Decision 25175-D01-2020 issued by the Alberta Utilities Commission on February 28, 2020.

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, 2020 are excluded from the Q1 2021 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-2021	Actual	–	–	–	–	–	
Jan 2021	Estimate	176.6	(170.3)	6.3	–	6.3	Monthly Variance
Feb 2021	Estimate	168.2	(170.3)	(2.2)	–	(2.2)	
Mar 2021	Estimate	166.6	(170.3)	(3.7)	–	(3.7)	Total
Apr 2021	Estimate	165.5	(170.3)	(4.8)	–	(4.8)	\$0.0
May 2021	Estimate	161.3	(170.3)	(9.0)	–	(9.0)	Surplus
Jun 2021	Estimate	165.9	(170.3)	(4.5)	–	(4.5)	Remaining Revenue
Jul 2021	Estimate	175.2	(170.3)	4.9	–	4.9	
Aug 2021	Estimate	174.8	(170.2)	4.7	–	4.7	Jan-Dec
Sep 2021	Estimate	166.3	(170.2)	(3.9)	–	(3.9)	\$2,042.9
Oct 2021	Estimate	169.4	(170.1)	(0.6)	–	(0.6)	Rider C
Nov 2021	Estimate	174.7	(170.2)	4.5	–	4.5	Charge
Dec 2021	Estimate	178.4	(170.1)	8.3	–	8.3	0.00%
Component Totals		2,042.9	(2,042.9)	0.0	–	0.0	
Operating Reserve Charge							
Pre-2021	Actual	–	–	–	–	–	
Jan 2021	Estimate	13.6	(13.9)	(0.3)	–	(0.3)	Monthly Variance
Feb 2021	Estimate	21.3	(21.6)	(0.3)	–	(0.3)	
Mar 2021	Estimate	11.1	(11.4)	(0.3)	–	(0.3)	Total
Apr 2021	Estimate	9.6	(9.9)	(0.3)	–	(0.3)	(\$3.1)
May 2021	Estimate	12.3	(12.6)	(0.3)	–	(0.3)	Shortfall
Jun 2021	Estimate	10.5	(10.8)	(0.3)	–	(0.3)	Remaining Revenue
Jul 2021	Estimate	17.5	(17.8)	(0.3)	–	(0.3)	
Aug 2021	Estimate	22.6	(22.8)	(0.3)	–	(0.3)	Jan-Dec
Sep 2021	Estimate	16.7	(17.0)	(0.3)	–	(0.3)	\$186.7
Oct 2021	Estimate	18.0	(18.3)	(0.3)	–	(0.3)	Rider C
Nov 2021	Estimate	19.4	(19.7)	(0.3)	–	(0.3)	Charge
Dec 2021	Estimate	14.0	(14.2)	(0.3)	–	(0.3)	1.66%
Component Totals		186.7	(189.8)	(3.1)	–	(3.1)	
Transmission Constraint Rebalancing Charge							
Pre-2021	Actual	–	–	–	–	–	
Jan 2021	Estimate	0.0	(0.0)	–	–	–	Monthly Variance
Feb 2021	Estimate	0.0	(0.0)	–	–	–	
Mar 2021	Estimate	0.0	(0.0)	–	–	–	Total
Apr 2021	Estimate	0.0	(0.0)	–	–	–	\$0.0
May 2021	Estimate	0.0	(0.0)	–	–	–	Surplus
Jun 2021	Estimate	0.0	(0.0)	–	–	–	Remaining Revenue
Jul 2021	Estimate	0.0	(0.0)	–	–	–	
Aug 2021	Estimate	0.0	(0.0)	–	–	–	Jan-Dec
Sep 2021	Estimate	0.0	(0.0)	–	–	–	\$0.1
Oct 2021	Estimate	0.0	(0.0)	–	–	–	Rider C
Nov 2021	Estimate	0.0	(0.0)	–	–	–	Charge
Dec 2021	Estimate	0.0	(0.0)	–	–	–	0.00%
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 (%)
Voltage Control Charge							
Pre-2021	Actual	–	–	–	–	–	
Jan 2021	Estimate	0.1	(0.0)	0.0	–	0.0	<i>Monthly Variance Total</i>
Feb 2021	Estimate	0.0	(0.0)	0.0	–	0.0	
Mar 2021	Estimate	0.0	(0.0)	0.0	–	0.0	
Apr 2021	Estimate	0.0	(0.0)	0.0	–	0.0	<i>\$0.2 Surplus</i>
May 2021	Estimate	0.0	(0.0)	0.0	–	0.0	
Jun 2021	Estimate	0.0	(0.0)	0.0	–	0.0	<i>Remaining Revenue Jan-Dec</i>
Jul 2021	Estimate	0.0	(0.0)	0.0	–	0.0	
Aug 2021	Estimate	0.0	(0.0)	0.0	–	0.0	
Sep 2021	Estimate	0.0	(0.0)	0.0	–	0.0	<i>\$0.6</i>
Oct 2021	Estimate	0.0	(0.0)	0.0	–	0.0	
Nov 2021	Estimate	0.1	(0.0)	0.0	–	0.0	<i>Rider C Credit</i>
Dec 2021	Estimate	0.1	(0.0)	0.0	–	0.0	
Component Totals		0.6	(0.4)	0.2	–	0.2	<i>(31.53%)</i>
Other System Support Services Charge							
Pre-2021	Actual	–	–	–	–	–	
Jan 2021	Estimate	0.3	(0.2)	0.1	–	0.1	<i>Monthly Variance Total</i>
Feb 2021	Estimate	0.3	(0.2)	0.1	–	0.1	
Mar 2021	Estimate	0.3	(0.2)	0.0	–	0.0	
Apr 2021	Estimate	0.3	(0.2)	0.1	–	0.1	<i>\$0.7 Surplus</i>
May 2021	Estimate	0.3	(0.2)	0.1	–	0.1	
Jun 2021	Estimate	0.3	(0.2)	0.1	–	0.1	<i>Remaining Revenue Jan-Dec</i>
Jul 2021	Estimate	0.3	(0.2)	0.1	–	0.1	
Aug 2021	Estimate	0.3	(0.2)	0.1	–	0.1	
Sep 2021	Estimate	0.3	(0.2)	0.0	–	0.0	<i>\$3.6</i>
Oct 2021	Estimate	0.3	(0.2)	0.1	–	0.1	
Nov 2021	Estimate	0.3	(0.2)	0.1	–	0.1	<i>Rider C Credit</i>
Dec 2021	Estimate	0.3	(0.2)	0.1	–	0.1	
Component Totals		3.6	(2.9)	0.7	–	0.7	<i>(20.48%)</i>
Summary for All Components							
Pre-2021	Actual	–	–	–	–	–	
Jan 2021	Estimate	190.6	(184.5)	6.1	–	6.1	
Feb 2021	Estimate	189.8	(192.2)	(2.4)	–	(2.4)	
Mar 2021	Estimate	178.1	(182.0)	(3.9)	–	(3.9)	
Apr 2021	Estimate	175.4	(180.4)	(5.0)	–	(5.0)	
May 2021	Estimate	174.0	(183.2)	(9.1)	–	(9.1)	
Jun 2021	Estimate	176.8	(181.4)	(4.6)	–	(4.6)	
Jul 2021	Estimate	193.1	(188.4)	4.7	–	4.7	
Aug 2021	Estimate	197.7	(193.2)	4.5	–	4.5	
Sep 2021	Estimate	183.3	(187.4)	(4.1)	–	(4.1)	
Oct 2021	Estimate	187.8	(188.6)	(0.8)	–	(0.8)	
Nov 2021	Estimate	194.5	(190.2)	4.3	–	4.3	
Dec 2021	Estimate	192.8	(184.6)	8.1	–	8.1	
Summary Totals		2,234.0	(2,236.1)	(2.2)	–	(2.2)	

Distribution system owners have requested the AESO provide the following information:

Total Rate DTS metered energy for Q1-Q4 2021: 58,398.9 GWh