

Rider C Calculation For Calendar Quarter Q3 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 25175-D01-2020 issued by the Alberta Utilities Commission on February 28, 2020.

Table 1 below provides a summary of Rider C charges and credits for each 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%	(18.16%)	(19.18%)	
Operating reserve charge	1.66%	1.13%	0.42%	
Transmission constraint rebalancing charge	0.00%	0.00%	0.00%	
Voltage control charge	(31.53%)	(32.10%)	340.32%	
Other system support services charge	(20.48%)	(21.58%)	(20.35%)	

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 Q3 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 Q3 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	Actual	179.2	(156.0)	23.2	(0.0)	23.2	<i>Monthly Variance Total</i>
Feb 2021	Actual	180.4	(153.5)	26.9	0.0	26.9	
Mar 2021	Actual	169.1	(156.5)	12.5	(0.0)	12.5	
Apr 2021	Actual	163.4	(130.1)	33.3	(29.6)	3.7	
May 2021	Estimate	164.0	(149.0)	14.9	(29.8)	(14.8)	<i>\$202.4 Surplus</i>
Jun 2021	Estimate	168.7	(149.0)	19.7	(30.6)	(11.0)	<i>Remaining Revenue Jul-Dec</i>
Jul 2021	Estimate	176.8	(149.0)	27.8	–	27.8	
Aug 2021	Estimate	177.2	(148.9)	28.3	–	28.3	<i>\$1,055.1</i>
Sep 2021	Estimate	171.1	(148.9)	22.2	–	22.2	
Oct 2021	Estimate	172.9	(148.8)	24.1	–	24.1	<i>Rider C Charge (19.18%)</i>
Nov 2021	Estimate	175.5	(148.9)	26.6	–	26.6	
Dec 2021	Estimate	181.6	(148.8)	32.8	–	32.8	
Component Totals		2,079.9	(1,787.6)	292.4	(90.0)	202.4	
Operating Reserve Charge							
Pre-2021	Actual	–	–	–	–	–	
Jan 2021	Actual	29.5	(29.7)	(0.2)	0.5	0.3	<i>Monthly Variance Total</i>
Feb 2021	Actual	60.5	(60.8)	(0.3)	1.0	0.7	
Mar 2021	Actual	23.4	(23.6)	(0.2)	0.4	0.2	
Apr 2021	Actual	22.9	(23.1)	(0.3)	0.3	(0.0)	
May 2021	Estimate	14.5	(14.8)	(0.3)	0.2	(0.1)	<i>(\$0.6) Shortfall</i>
Jun 2021	Estimate	13.8	(14.1)	(0.3)	0.2	(0.1)	<i>Remaining Revenue Jul-Dec</i>
Jul 2021	Estimate	37.0	(37.2)	(0.3)	–	(0.3)	
Aug 2021	Estimate	26.4	(26.7)	(0.3)	–	(0.3)	<i>\$137.8</i>
Sep 2021	Estimate	24.2	(24.4)	(0.3)	–	(0.3)	
Oct 2021	Estimate	15.3	(15.5)	(0.3)	–	(0.3)	<i>Rider C Charge</i>
Nov 2021	Estimate	14.9	(15.1)	(0.3)	–	(0.3)	
Dec 2021	Estimate	20.1	(20.3)	(0.3)	–	(0.3)	<i>0.42%</i>
Component Totals		302.4	(305.4)	(3.0)	2.5	(0.6)	
Transmission Constraint Rebalancing Charge							
Pre-2021	Actual	–	–	–	–	–	
Jan 2021	Actual	0.3	(0.3)	(0.0)	–	(0.0)	<i>Monthly Variance Total</i>
Feb 2021	Actual	0.7	(0.7)	(0.0)	–	(0.0)	
Mar 2021	Actual	0.0	(0.0)	(0.0)	–	(0.0)	
Apr 2021	Actual	–	–	–	–	–	
May 2021	Estimate	0.0	(0.0)	–	–	–	<i>(\$0.0) Shortfall</i>
Jun 2021	Estimate	0.0	(0.0)	–	–	–	<i>Remaining Revenue Jul-Dec</i>
Jul 2021	Estimate	0.0	(0.0)	–	–	–	
Aug 2021	Estimate	0.0	(0.0)	–	–	–	<i>\$0.1</i>
Sep 2021	Estimate	0.0	(0.0)	–	–	–	
Oct 2021	Estimate	0.0	(0.0)	–	–	–	<i>Rider C Charge</i>
Nov 2021	Estimate	0.0	(0.0)	–	–	–	
Dec 2021	Estimate	0.0	(0.0)	–	–	–	<i>0.00%</i>
Component Totals		1.1	(1.1)	(0.0)	–	(0.0)	

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	Actual	0.1	–	0.1	(0.0)	0.0	Monthly Variance Total (\$1.0)
Feb 2021	Actual	0.0	–	0.0	(0.0)	0.0	
Mar 2021	Actual	0.0	–	0.0	(0.0)	0.0	
Apr 2021	Actual	0.0	–	0.0	(0.0)	0.0	
May 2021	Estimate	0.0	(0.2)	(0.1)	(0.0)	(0.2)	Shortfall
Jun 2021	Estimate	0.0	(0.2)	(0.1)	(0.0)	(0.2)	
Jul 2021	Estimate	0.0	(0.2)	(0.1)	–	(0.1)	Remaining Revenue Jul-Dec \$0.3
Aug 2021	Estimate	0.0	(0.2)	(0.1)	–	(0.1)	
Sep 2021	Estimate	0.0	(0.2)	(0.1)	–	(0.1)	
Oct 2021	Estimate	0.0	(0.2)	(0.1)	–	(0.1)	Rider C Charge 340.32%
Nov 2021	Estimate	0.1	(0.2)	(0.1)	–	(0.1)	
Dec 2021	Estimate	0.1	(0.2)	(0.1)	–	(0.1)	
Component Totals		0.6	(1.5)	(0.9)	(0.1)	(1.0)	
Other System Support Services Charge							
Pre-2021	Actual	–	–	–	–	–	
Jan 2021	Actual	0.3	(0.2)	0.1	(0.1)	(0.0)	Monthly Variance Total \$0.4
Feb 2021	Actual	0.3	(0.2)	0.1	(0.1)	0.0	
Mar 2021	Actual	0.3	(0.2)	0.0	(0.1)	(0.0)	
Apr 2021	Actual	0.3	(0.2)	0.0	(0.1)	(0.0)	
May 2021	Estimate	0.3	(0.2)	0.1	(0.1)	(0.0)	Surplus
Jun 2021	Estimate	0.3	(0.2)	0.1	(0.1)	0.0	
Jul 2021	Estimate	0.3	(0.2)	0.1	–	0.1	Remaining Revenue Jul-Dec \$1.8
Aug 2021	Estimate	0.3	(0.2)	0.1	–	0.1	
Sep 2021	Estimate	0.3	(0.2)	0.1	–	0.1	
Oct 2021	Estimate	0.3	(0.2)	0.1	–	0.1	Rider C Credit (20.35%)
Nov 2021	Estimate	0.3	(0.2)	0.1	–	0.1	
Dec 2021	Estimate	0.3	(0.2)	0.1	–	0.1	
Component Totals		3.6	(2.9)	0.7	(0.4)	0.4	
Summary for All Components							
Pre-2021	Actual	–	–	–	–	–	
Jan 2021	Actual	209.4	(186.3)	23.1	0.4	23.5	
Feb 2021	Actual	242.0	(215.3)	26.8	0.9	27.7	
Mar 2021	Actual	192.8	(180.4)	12.4	0.3	12.7	
Apr 2021	Actual	186.6	(153.5)	33.1	(29.4)	3.8	
May 2021	Estimate	178.9	(164.3)	14.6	(29.7)	(15.1)	
Jun 2021	Estimate	182.9	(163.6)	19.4	(30.6)	(11.2)	
Jul 2021	Estimate	214.2	(186.7)	27.5	–	27.5	
Aug 2021	Estimate	203.9	(175.9)	28.0	–	28.0	
Sep 2021	Estimate	195.6	(173.8)	21.9	–	21.9	
Oct 2021	Estimate	188.5	(164.8)	23.8	–	23.8	
Nov 2021	Estimate	190.7	(164.5)	26.3	–	26.3	
Dec 2021	Estimate	202.1	(169.6)	32.5	–	32.5	
Summary Totals		2,387.6	(2,098.5)	289.1	(88.0)	201.2	

Distribution system owners have requested the AESO provide the following information:
 Total Rate DTS metered energy for Q3-Q4 2021: 29,836.9 GWh