

# Rider C Calculation For Calendar Quarter Q1 2023 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-D02-2020 issued by the Alberta Utilities Commission on November 30, 2020.

Table 1 below provides a summary of Rider C charges and credits for the first calendar quarter of 2023 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 2023	Q2 2023	Q3 2023	Q4 2023
Connection charge and primary service credit	0.00%			
Operating reserve charge	0.82%			
Transmission constraint rebalancing charge	0.00%			
Voltage control charge	(2.87%)			
Other system support services charge	(21.00%)			

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 2023 reflects Decision 25175-D02-2020 issued by the Alberta Utilities Commission on November 30, 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 (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
	Fast Frequency Response (FFR)	
	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
		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, 2022 are excluded from the Q1 2023 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 (%)
<b>Connection Charge and Primary Service Credit</b>							
Pre-2023	Actual	–	–	–	–	–	
Jan 2023	Estimate	181.0	(171.8)	9.2	–	9.2	<i>Monthly Variance</i>
Feb 2023	Estimate	174.7	(171.8)	2.9	–	2.9	
Mar 2023	Estimate	170.7	(171.9)	(1.3)	–	(1.3)	<i>Total (\$0.0)</i>
Apr 2023	Estimate	165.0	(171.8)	(6.8)	–	(6.8)	
May 2023	Estimate	163.8	(171.9)	(8.1)	–	(8.1)	<i>Shortfall</i>
Jun 2023	Estimate	166.1	(171.9)	(5.9)	–	(5.9)	
Jul 2023	Estimate	177.2	(171.8)	5.4	–	5.4	<i>Remaining Revenue</i>
Aug 2023	Estimate	175.5	(171.8)	3.7	–	3.7	
Sep 2023	Estimate	170.1	(171.7)	(1.6)	–	(1.6)	<i>Jan-Dec \$2,062.1</i>
Oct 2023	Estimate	164.0	(171.9)	(8.0)	–	(8.0)	
Nov 2023	Estimate	173.5	(171.9)	1.5	–	1.5	<i>Rider C Charge</i>
Dec 2023	Estimate	180.6	(171.8)	8.8	–	8.8	
Component Totals		2,062.1	(2,062.1)	(0.0)	–	(0.0)	<i>0.00%</i>
<b>Operating Reserve Charge</b>							
Pre-2023	Actual	–	–	–	–	–	
Jan 2023	Estimate	110.1	(110.4)	(0.3)	–	(0.3)	<i>Monthly Variance</i>
Feb 2023	Estimate	65.6	(65.9)	(0.3)	–	(0.3)	
Mar 2023	Estimate	64.4	(64.7)	(0.3)	–	(0.3)	<i>Total (\$3.3)</i>
Apr 2023	Estimate	18.0	(18.2)	(0.3)	–	(0.3)	
May 2023	Estimate	17.1	(17.4)	(0.3)	–	(0.3)	<i>Shortfall</i>
Jun 2023	Estimate	16.3	(16.5)	(0.3)	–	(0.3)	
Jul 2023	Estimate	31.7	(32.0)	(0.3)	–	(0.3)	<i>Remaining Revenue</i>
Aug 2023	Estimate	32.5	(32.8)	(0.3)	–	(0.3)	
Sep 2023	Estimate	14.6	(14.9)	(0.3)	–	(0.3)	<i>Jan-Dec \$402.7</i>
Oct 2023	Estimate	12.6	(12.9)	(0.3)	–	(0.3)	
Nov 2023	Estimate	8.8	(9.1)	(0.3)	–	(0.3)	<i>Rider C Charge</i>
Dec 2023	Estimate	11.0	(11.2)	(0.3)	–	(0.3)	
Component Totals		402.7	(406.0)	(3.3)	–	(3.3)	<i>0.82%</i>
<b>Transmission Constraint Rebalancing Charge</b>							
Pre-2023	Actual	–	–	–	–	–	
Jan 2023	Estimate	0.1	(0.1)	–	–	–	<i>Monthly Variance</i>
Feb 2023	Estimate	0.1	(0.1)	–	–	–	
Mar 2023	Estimate	0.1	(0.1)	–	–	–	<i>Total \$0.0</i>
Apr 2023	Estimate	0.1	(0.1)	–	–	–	
May 2023	Estimate	0.1	(0.1)	–	–	–	<i>Surplus</i>
Jun 2023	Estimate	0.1	(0.1)	–	–	–	
Jul 2023	Estimate	0.1	(0.1)	–	–	–	<i>Remaining Revenue</i>
Aug 2023	Estimate	0.1	(0.1)	–	–	–	
Sep 2023	Estimate	0.1	(0.1)	–	–	–	<i>Jan-Dec \$1.0</i>
Oct 2023	Estimate	0.1	(0.1)	–	–	–	
Nov 2023	Estimate	0.1	(0.1)	–	–	–	<i>Rider C Charge</i>
Dec 2023	Estimate	0.1	(0.1)	–	–	–	
Component Totals		1.0	(1.0)	–	–	–	<i>0.00%</i>

**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-2023	Actual	–	–	–	–	–	
Jan 2023	Estimate	0.5	(0.4)	0.0	–	0.0	<i>Monthly Variance Total \$0.2 Surplus Remaining Revenue Jan-Dec \$5.4 Rider C Credit (2.87%)</i>
Feb 2023	Estimate	0.4	(0.4)	(0.0)	–	(0.0)	
Mar 2023	Estimate	0.5	(0.4)	0.0	–	0.0	
Apr 2023	Estimate	0.4	(0.4)	(0.0)	–	(0.0)	
May 2023	Estimate	0.4	(0.4)	(0.0)	–	(0.0)	
Jun 2023	Estimate	0.4	(0.4)	(0.0)	–	(0.0)	
Jul 2023	Estimate	0.5	(0.4)	0.0	–	0.0	
Aug 2023	Estimate	0.5	(0.4)	0.0	–	0.0	
Sep 2023	Estimate	0.4	(0.4)	(0.0)	–	(0.0)	
Oct 2023	Estimate	0.5	(0.4)	0.0	–	0.0	
Nov 2023	Estimate	0.5	(0.4)	0.0	–	0.0	
Dec 2023	Estimate	0.5	(0.4)	0.1	–	0.1	
Component Totals		5.4	(5.3)	0.2	–	0.2	
<b>Other System Support Services Charge</b>							
Pre-2023	Actual	–	–	–	–	–	
Jan 2023	Estimate	0.3	(0.2)	0.1	–	0.1	<i>Monthly Variance Total \$0.8 Surplus Remaining Revenue Jan-Dec \$3.6 Rider C Credit (21.00%)</i>
Feb 2023	Estimate	0.3	(0.2)	0.1	–	0.1	
Mar 2023	Estimate	0.3	(0.2)	0.1	–	0.1	
Apr 2023	Estimate	0.3	(0.2)	0.0	–	0.0	
May 2023	Estimate	0.3	(0.2)	0.1	–	0.1	
Jun 2023	Estimate	0.3	(0.2)	0.1	–	0.1	
Jul 2023	Estimate	0.3	(0.2)	0.1	–	0.1	
Aug 2023	Estimate	0.3	(0.2)	0.1	–	0.1	
Sep 2023	Estimate	0.3	(0.2)	0.1	–	0.1	
Oct 2023	Estimate	0.3	(0.2)	0.0	–	0.0	
Nov 2023	Estimate	0.3	(0.2)	0.1	–	0.1	
Dec 2023	Estimate	0.3	(0.2)	0.1	–	0.1	
Component Totals		3.6	(2.9)	0.8	–	0.8	
<b>Summary for All Components</b>							
Pre-2023	Actual	–	–	–	–	–	
Jan 2023	Estimate	292.0	(283.0)	9.1	–	9.1	
Feb 2023	Estimate	241.2	(238.5)	2.7	–	2.7	
Mar 2023	Estimate	235.9	(237.4)	(1.5)	–	(1.5)	
Apr 2023	Estimate	183.7	(190.7)	(7.0)	–	(7.0)	
May 2023	Estimate	181.8	(190.1)	(8.3)	–	(8.3)	
Jun 2023	Estimate	183.2	(189.2)	(6.1)	–	(6.1)	
Jul 2023	Estimate	209.8	(204.5)	5.2	–	5.2	
Aug 2023	Estimate	208.8	(205.3)	3.5	–	3.5	
Sep 2023	Estimate	185.5	(187.3)	(1.8)	–	(1.8)	
Oct 2023	Estimate	177.4	(185.6)	(8.2)	–	(8.2)	
Nov 2023	Estimate	183.1	(181.8)	1.3	–	1.3	
Dec 2023	Estimate	192.4	(183.8)	8.6	–	8.6	
Summary Totals		2,474.9	(2,477.3)	(2.4)	–	(2.4)	

*Distribution system owners have requested the AESO provide the following information:  
 Total Rate DTS metered energy for Q1-Q4 2023: 60,112.9 GWh*