

Rider C Calculation For Calendar Quarter Q2 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 27777-D01-2022 issued by the Alberta Utilities Commission on December 21, 2022.

Table 1 below provides a summary of Rider C charges and credits for each 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%	0.26%		
Operating reserve charge	0.82%	1.33%		
Transmission constraint rebalancing charge	0.00%	0.00%		
Voltage control charge	(2.87%)	(11.92%)		
Other system support services charge	(21.00%)	(22.01%)		

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 Q2 2023 reflects Decision 27777-D01-2022 issued by the Alberta Utilities Commission on December 21, 2022.

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	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 Q2 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 (%)
Connection Charge and Primary Service Credit							
Pre-2023	Actual	–	–	–	–	–	
Jan 2023	Actual	173.1	(165.9)	7.3	–	7.3	<i>Monthly Variance Total</i>
Feb 2023	Estimate	174.1	(172.2)	1.9	–	1.9	
Mar 2023	Estimate	170.0	(172.2)	(2.3)	–	(2.3)	<i>Total (\$4.1)</i>
Apr 2023	Estimate	164.3	(172.1)	(7.8)	–	(7.8)	
May 2023	Estimate	163.1	(172.2)	(9.1)	–	(9.1)	<i>Shortfall Remaining Revenue</i>
Jun 2023	Estimate	165.4	(172.2)	(6.8)	–	(6.8)	
Jul 2023	Estimate	176.5	(172.1)	4.4	–	4.4	<i>Apr-Dec \$1,538.4</i>
Aug 2023	Estimate	174.7	(172.1)	2.6	–	2.6	
Sep 2023	Estimate	169.3	(172.0)	(2.7)	–	(2.7)	<i>Rider C Charge</i>
Oct 2023	Estimate	162.8	(172.2)	(9.4)	–	(9.4)	
Nov 2023	Estimate	178.6	(172.3)	6.4	–	6.4	<i>0.26%</i>
Dec 2023	Estimate	183.6	(172.1)	11.5	–	11.5	
Component Totals		2,055.5	(2,059.6)	(4.1)	–	(4.1)	
Operating Reserve Charge							
Pre-2023	Actual	–	–	–	–	–	
Jan 2023	Actual	24.0	(24.2)	(0.2)	0.2	(0.0)	<i>Monthly Variance Total</i>
Feb 2023	Estimate	47.5	(47.8)	(0.3)	0.4	0.1	
Mar 2023	Estimate	16.3	(16.5)	(0.3)	0.1	(0.1)	<i>Total (\$2.6)</i>
Apr 2023	Estimate	18.5	(18.8)	(0.3)	–	(0.3)	
May 2023	Estimate	16.0	(16.3)	(0.3)	–	(0.3)	<i>Shortfall Remaining Revenue</i>
Jun 2023	Estimate	35.6	(35.9)	(0.3)	–	(0.3)	
Jul 2023	Estimate	17.2	(17.5)	(0.3)	–	(0.3)	<i>Apr-Dec \$195.0</i>
Aug 2023	Estimate	23.0	(23.3)	(0.3)	–	(0.3)	
Sep 2023	Estimate	24.3	(24.5)	(0.3)	–	(0.3)	<i>Rider C Charge</i>
Oct 2023	Estimate	10.9	(11.1)	(0.3)	–	(0.3)	
Nov 2023	Estimate	25.9	(26.1)	(0.3)	–	(0.3)	<i>1.33%</i>
Dec 2023	Estimate	23.6	(23.9)	(0.3)	–	(0.3)	
Component Totals		282.7	(286.0)	(3.3)	0.7	(2.6)	
Transmission Constraint Rebalancing Charge							
Pre-2023	Actual	–	–	–	–	–	
Jan 2023	Actual	0.1	(0.1)	–	–	–	<i>Monthly Variance Total</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 Remaining Revenue</i>
Jun 2023	Estimate	0.1	(0.1)	–	–	–	
Jul 2023	Estimate	0.1	(0.1)	–	–	–	<i>Apr-Dec \$0.8</i>
Aug 2023	Estimate	0.1	(0.1)	–	–	–	
Sep 2023	Estimate	0.1	(0.1)	–	–	–	<i>Rider C Charge</i>
Oct 2023	Estimate	0.1	(0.1)	–	–	–	
Nov 2023	Estimate	0.1	(0.1)	–	–	–	<i>0.00%</i>
Dec 2023	Estimate	0.1	(0.1)	–	–	–	
Component Totals		1.0	(1.0)	–	–	–	

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-2023	Actual	–	–	–	–	–	
Jan 2023	Actual	0.5	(0.0)	0.5	(0.0)	0.4	Monthly Variance
Feb 2023	Estimate	0.4	(0.4)	(0.0)	(0.0)	(0.0)	
Mar 2023	Estimate	0.5	(0.4)	0.0	(0.0)	0.0	Total
Apr 2023	Estimate	0.4	(0.4)	(0.0)	–	(0.0)	\$0.5
May 2023	Estimate	0.4	(0.4)	(0.0)	–	(0.0)	Surplus
Jun 2023	Estimate	0.4	(0.4)	(0.0)	–	(0.0)	Remaining Revenue
Jul 2023	Estimate	0.5	(0.4)	0.0	–	0.0	
Aug 2023	Estimate	0.5	(0.4)	0.0	–	0.0	Apr-Dec
Sep 2023	Estimate	0.4	(0.4)	(0.0)	–	(0.0)	\$4.0
Oct 2023	Estimate	0.4	(0.4)	0.0	–	0.0	Rider C Credit
Nov 2023	Estimate	0.5	(0.4)	0.0	–	0.0	
Dec 2023	Estimate	0.5	(0.4)	0.1	–	0.1	(11.92%)
Component Totals		5.4	(4.8)	0.5	(0.0)	0.5	
Other System Support Services Charge							
Pre-2023	Actual	–	–	–	–	–	
Jan 2023	Actual	0.3	(0.2)	0.1	(0.1)	0.0	Monthly Variance
Feb 2023	Estimate	0.3	(0.2)	0.1	(0.1)	0.0	
Mar 2023	Estimate	0.3	(0.2)	0.1	(0.1)	(0.0)	Total
Apr 2023	Estimate	0.3	(0.2)	0.0	–	0.0	\$0.6
May 2023	Estimate	0.3	(0.2)	0.1	–	0.1	Surplus
Jun 2023	Estimate	0.3	(0.2)	0.1	–	0.1	Remaining Revenue
Jul 2023	Estimate	0.3	(0.2)	0.1	–	0.1	
Aug 2023	Estimate	0.3	(0.2)	0.1	–	0.1	Apr-Dec
Sep 2023	Estimate	0.3	(0.2)	0.1	–	0.1	\$2.7
Oct 2023	Estimate	0.3	(0.2)	0.0	–	0.0	Rider C Credit
Nov 2023	Estimate	0.3	(0.2)	0.1	–	0.1	
Dec 2023	Estimate	0.3	(0.2)	0.1	–	0.1	(22.01%)
Component Totals		3.7	(2.9)	0.8	(0.2)	0.6	
Summary for All Components							
Pre-2023	Actual	–	–	–	–	–	
Jan 2023	Actual	198.0	(190.4)	7.6	0.1	7.7	
Feb 2023	Estimate	222.4	(220.7)	1.7	0.3	2.0	
Mar 2023	Estimate	187.0	(189.5)	(2.5)	0.1	(2.4)	
Apr 2023	Estimate	183.5	(191.6)	(8.1)	–	(8.1)	
May 2023	Estimate	179.9	(189.3)	(9.3)	–	(9.3)	
Jun 2023	Estimate	201.9	(208.9)	(7.0)	–	(7.0)	
Jul 2023	Estimate	194.6	(190.4)	4.2	–	4.2	
Aug 2023	Estimate	198.6	(196.1)	2.4	–	2.4	
Sep 2023	Estimate	194.4	(197.3)	(2.9)	–	(2.9)	
Oct 2023	Estimate	174.5	(184.1)	(9.6)	–	(9.6)	
Nov 2023	Estimate	205.3	(199.2)	6.2	–	6.2	
Dec 2023	Estimate	208.1	(196.8)	11.3	–	11.3	
Summary Totals		2,348.2	(2,354.2)	(6.1)	0.5	(5.6)	

Distribution system owners have requested the AESO provide the following information:
 Total Rate DTS metered energy for Q2-Q4 2023: 44,352.9 GWh