

Rider C Calculation For Calendar Quarter Q4 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%	0.29%	(12.56%)
Operating reserve charge	0.82%	1.33%	0.81%	(0.80%)
Transmission constraint rebalancing charge	0.00%	0.00%	0.00%	0.00%
Voltage control charge	(2.87%)	(11.92%)	(41.99%)	(12.86%)
Other system support services charge	(21.00%)	(22.01%)	(27.86%)	(39.07%)

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 Q4 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 Q4 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	173.2	(163.1)	10.1	–	10.1	<i>Monthly Variance</i>
Feb 2023	Actual	174.9	(164.4)	10.4	–	10.4	
Mar 2023	Actual	170.4	(164.8)	5.6	–	5.6	<i>Total</i>
Apr 2023	Actual	161.3	(165.1)	(3.8)	0.4	(3.4)	
May 2023	Actual	165.9	(168.1)	(2.1)	0.4	(1.7)	<i>\$65.9 Surplus</i>
Jun 2023	Actual	171.3	(166.3)	5.1	0.4	5.5	
Jul 2023	Actual	176.4	(165.5)	10.9	0.5	11.4	<i>Remaining Revenue</i>
Aug 2023	Estimate	174.6	(168.3)	6.3	0.5	6.8	
Sep 2023	Estimate	169.3	(168.2)	1.0	0.5	1.5	<i>Oct-Dec</i>
Oct 2023	Estimate	162.6	(168.4)	(5.8)	–	(5.8)	
Nov 2023	Estimate	178.5	(168.5)	10.1	–	10.1	<i>Rider C Credit</i>
Dec 2023	Estimate	183.5	(168.3)	15.2	–	15.2	
Component Totals		2,061.9	(1,998.9)	63.1	2.8	65.9	<i>(12.56%)</i>
Operating Reserve Charge							
Pre-2023	Actual	–	–	–	–	–	
Jan 2023	Actual	23.8	(24.1)	(0.3)	0.2	(0.1)	<i>Monthly Variance</i>
Feb 2023	Actual	29.5	(30.0)	(0.6)	0.2	(0.3)	
Mar 2023	Actual	37.7	(38.0)	(0.3)	0.3	0.0	<i>Total</i>
Apr 2023	Actual	35.6	(35.9)	(0.3)	0.5	0.2	
May 2023	Actual	45.4	(45.9)	(0.5)	0.6	0.1	<i>\$1.0 Surplus</i>
Jun 2023	Actual	55.5	(54.7)	0.8	0.7	1.5	
Jul 2023	Actual	40.5	(40.8)	(0.3)	0.3	0.0	<i>Remaining Revenue</i>
Aug 2023	Estimate	61.5	(61.7)	(0.3)	0.5	0.2	
Sep 2023	Estimate	59.4	(59.7)	(0.3)	0.5	0.2	<i>Oct-Dec</i>
Oct 2023	Estimate	27.1	(27.4)	(0.3)	–	(0.3)	
Nov 2023	Estimate	43.4	(43.6)	(0.3)	–	(0.3)	<i>Rider C Credit</i>
Dec 2023	Estimate	56.8	(57.1)	(0.3)	–	(0.3)	
Component Totals		516.1	(519.0)	(2.8)	3.9	1.0	<i>(0.80%)</i>
Transmission Constraint Rebalancing Charge							
Pre-2023	Actual	–	–	–	–	–	
Jan 2023	Actual	0.1	(0.1)	0.0	–	0.0	<i>Monthly Variance</i>
Feb 2023	Actual	0.2	(0.2)	0.0	–	0.0	
Mar 2023	Actual	0.3	(0.3)	(0.0)	–	(0.0)	<i>Total</i>
Apr 2023	Actual	0.2	(0.2)	0.0	–	0.0	
May 2023	Actual	0.8	(0.8)	0.0	–	0.0	<i>\$0.0 Surplus</i>
Jun 2023	Actual	0.2	(0.2)	(0.0)	–	(0.0)	
Jul 2023	Actual	0.4	(0.4)	0.0	–	0.0	<i>Remaining Revenue</i>
Aug 2023	Estimate	0.1	(0.1)	–	–	–	
Sep 2023	Estimate	0.1	(0.1)	–	–	–	<i>Oct-Dec</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		2.5	(2.5)	0.0	–	0.0	<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 (%)
Voltage Control Charge							
Pre-2023	Actual	–	–	–	–	–	
Jan 2023	Actual	0.5	(0.0)	0.5	(0.0)	0.4	Monthly Variance Total \$0.2 Surplus
Feb 2023	Actual	0.4	(0.1)	0.3	(0.0)	0.3	
Mar 2023	Actual	0.5	(0.2)	0.2	(0.0)	0.2	
Apr 2023	Actual	0.4	(0.5)	(0.1)	(0.0)	(0.1)	Remaining Revenue Oct-Dec \$1.4
May 2023	Actual	0.4	(1.0)	(0.6)	(0.1)	(0.6)	
Jun 2023	Actual	0.4	(0.2)	0.2	(0.0)	0.2	Rider C Credit (12.86%)
Jul 2023	Actual	0.4	(0.2)	0.2	(0.2)	0.1	
Aug 2023	Estimate	0.4	(0.4)	0.0	(0.2)	(0.2)	
Sep 2023	Estimate	0.4	(0.4)	(0.0)	(0.2)	(0.2)	
Oct 2023	Estimate	0.4	(0.4)	(0.0)	–	(0.0)	
Nov 2023	Estimate	0.5	(0.4)	0.0	–	0.0	
Dec 2023	Estimate	0.5	(0.4)	0.0	–	0.0	
Component Totals		5.3	(4.4)	0.9	(0.7)	0.2	
Other System Support Services Charge							
Pre-2023	Actual	–	–	–	–	–	
Jan 2023	Actual	0.3	(0.2)	0.1	(0.1)	0.0	Monthly Variance Total \$0.4 Surplus
Feb 2023	Actual	0.3	(0.2)	0.1	(0.1)	0.0	
Mar 2023	Actual	0.4	(0.2)	0.1	(0.1)	0.0	
Apr 2023	Actual	0.3	(0.2)	0.1	(0.1)	0.0	Remaining Revenue Oct-Dec \$0.9
May 2023	Actual	0.3	(0.2)	0.1	(0.1)	0.0	
Jun 2023	Actual	0.3	(0.2)	0.1	(0.1)	0.0	Rider C Credit (39.07%)
Jul 2023	Actual	0.4	(0.2)	0.1	(0.1)	0.0	
Aug 2023	Estimate	0.3	(0.2)	0.1	(0.1)	(0.0)	
Sep 2023	Estimate	0.3	(0.2)	0.1	(0.1)	(0.0)	
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		3.9	(2.9)	1.1	(0.7)	0.4	
Summary for All Components							
Pre-2023	Actual	–	–	–	–	–	
Jan 2023	Actual	197.9	(187.5)	10.4	0.1	10.5	
Feb 2023	Actual	205.3	(195.0)	10.3	0.2	10.5	
Mar 2023	Actual	209.2	(203.5)	5.7	0.2	5.9	
Apr 2023	Actual	197.8	(201.9)	(4.1)	0.8	(3.3)	
May 2023	Actual	212.9	(216.0)	(3.1)	0.9	(2.2)	
Jun 2023	Actual	227.8	(221.6)	6.2	1.1	7.3	
Jul 2023	Actual	218.1	(207.1)	11.0	0.5	11.6	
Aug 2023	Estimate	236.9	(230.8)	6.1	0.7	6.8	
Sep 2023	Estimate	229.4	(228.6)	0.8	0.7	1.5	
Oct 2023	Estimate	190.5	(196.5)	(6.0)	–	(6.0)	
Nov 2023	Estimate	222.8	(212.9)	9.9	–	9.9	
Dec 2023	Estimate	241.1	(226.1)	15.0	–	15.0	
Summary Totals		2,589.7	(2,527.5)	62.2	5.2	67.4	

Distribution system owners have requested the AESO provide the following information:
 Total Rate DTS metered energy for Q4 2023: 15,201.8 GWh