

Rider C Calculation For Calendar Quarter Q3 2022 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 each calendar quarter of 2022 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 2022	Q2 2022	Q3 2022	Q4 2022
Connection charge and primary service credit	0.00%	(0.48%)	1.86%	
Operating reserve charge	1.35%	1.53%	0.75%	
Transmission constraint rebalancing charge	0.00%	0.00%	0.00%	
Voltage control charge	4.19%	8.42%	12.13%	
Other system support services charge	(16.76%)	(17.82%)	(19.91%)	

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 2022 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 (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
Voltage control charge	Transmission must-run (TMR)	Rate FTS charge
		Rate DTS charge
Other system support services charge	Reliability services from BC Poplar Hill	Rate FTS charge
		Rate DTS 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, 2021 are excluded from the Q3 2022 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-2022	Actual	—	—	—	—	—	
Jan 2022	Actual	175.9	(170.3)	5.6	—	5.6	Monthly Variance Total (\$18.8) Shortfall
Feb 2022	Actual	169.7	(168.6)	1.1	—	1.1	
Mar 2022	Actual	165.6	(168.7)	(3.1)	—	(3.1)	
Apr 2022	Actual	162.2	(169.3)	(7.0)	(0.8)	(7.8)	
May 2022	Estimate	157.0	(169.6)	(12.7)	(0.8)	(13.4)	Remaining Revenue Jul-Dec \$1,012.8
Jun 2022	Estimate	173.6	(169.6)	4.0	(0.8)	3.2	
Jul 2022	Estimate	171.5	(169.5)	2.0	—	2.0	
Aug 2022	Estimate	171.2	(169.4)	1.8	—	1.8	
Sep 2022	Estimate	161.7	(169.5)	(7.8)	—	(7.8)	Rider C Charge 1.86%
Oct 2022	Estimate	162.2	(169.6)	(7.3)	—	(7.3)	
Nov 2022	Estimate	171.3	(169.6)	1.7	—	1.7	
Dec 2022	Estimate	175.0	(169.6)	5.4	—	5.4	
Component Totals		2,016.7	(2,033.2)	(16.4)	(2.4)	(18.8)	
Operating Reserve Charge							
Pre-2022	Actual	—	—	—	—	—	
Jan 2022	Actual	24.2	(24.5)	(0.3)	0.3	0.1	Monthly Variance Total (\$1.0) Shortfall
Feb 2022	Actual	26.0	(26.3)	(0.3)	0.4	0.1	
Mar 2022	Actual	17.2	(17.3)	(0.2)	0.2	0.1	
Apr 2022	Actual	21.5	(21.6)	(0.1)	0.3	0.2	
May 2022	Estimate	20.6	(20.8)	(0.3)	0.3	0.1	Remaining Revenue Jul-Dec \$133.6
Jun 2022	Estimate	20.9	(21.2)	(0.3)	0.3	0.1	
Jul 2022	Estimate	19.6	(19.9)	(0.3)	—	(0.3)	
Aug 2022	Estimate	26.5	(26.7)	(0.3)	—	(0.3)	
Sep 2022	Estimate	24.2	(24.5)	(0.3)	—	(0.3)	Rider C Charge 0.75%
Oct 2022	Estimate	23.9	(24.2)	(0.3)	—	(0.3)	
Nov 2022	Estimate	26.3	(26.6)	(0.3)	—	(0.3)	
Dec 2022	Estimate	13.0	(13.3)	(0.3)	—	(0.3)	
Component Totals		264.0	(266.9)	(2.9)	1.9	(1.0)	
Transmission Constraint Rebalancing Charge							
Pre-2022	Actual	—	—	—	—	—	
Jan 2022	Actual	—	—	—	—	—	Monthly Variance Total \$0.0 Surplus
Feb 2022	Actual	—	—	—	—	—	
Mar 2022	Actual	0.0	(0.0)	—	—	—	
Apr 2022	Actual	0.1	(0.1)	—	—	—	
May 2022	Estimate	0.1	(0.1)	—	—	—	Remaining Revenue Jul-Dec \$0.5
Jun 2022	Estimate	0.1	(0.1)	—	—	—	
Jul 2022	Estimate	0.1	(0.1)	—	—	—	
Aug 2022	Estimate	0.1	(0.1)	—	—	—	
Sep 2022	Estimate	0.1	(0.1)	—	—	—	Rider C Charge 0.00%
Oct 2022	Estimate	0.1	(0.1)	—	—	—	
Nov 2022	Estimate	0.1	(0.1)	—	—	—	
Dec 2022	Estimate	0.1	(0.1)	—	—	—	
Component Totals		0.9	(0.9)	—	—	—	

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-2022	Actual	—	—	—	—	—	
Jan 2022	Actual	0.4	(0.5)	(0.1)	0.02	(0.1)	Monthly Variance Total (\$0.3) Shortfall
Feb 2022	Actual	0.4	(0.5)	(0.2)	0.02	(0.1)	
Mar 2022	Actual	0.4	(0.4)	(0.0)	0.02	(0.0)	
Apr 2022	Actual	0.4	—	0.4	0.03	0.4	
May 2022	Estimate	0.4	(0.5)	(0.1)	0.03	(0.1)	Remaining Revenue Jul-Dec \$2.4
Jun 2022	Estimate	0.4	(0.5)	(0.1)	0.0	(0.1)	
Jul 2022	Estimate	0.4	(0.5)	(0.1)	—	(0.1)	
Aug 2022	Estimate	0.4	(0.5)	(0.1)	—	(0.1)	
Sep 2022	Estimate	0.4	(0.5)	(0.1)	—	(0.1)	Rider C Charge 12.13%
Oct 2022	Estimate	0.4	(0.5)	(0.1)	—	(0.1)	
Nov 2022	Estimate	0.4	(0.5)	(0.1)	—	(0.1)	
Dec 2022	Estimate	0.4	(0.5)	(0.0)	—	(0.0)	
Component Totals		4.8	(5.2)	(0.4)	0.1	(0.3)	
Other System Support Services Charge							
Pre-2022	Actual	—	—	—	—	—	
Jan 2022	Actual	0.3	(0.2)	0.1	(0.1)	0.0	Monthly Variance Total \$0.3 Surplus
Feb 2022	Actual	0.3	(0.2)	0.1	(0.1)	0.0	
Mar 2022	Actual	0.3	(0.2)	0.1	(0.0)	0.0	
Apr 2022	Actual	0.3	(0.2)	0.0	(0.0)	(0.0)	
May 2022	Estimate	0.3	(0.2)	0.0	(0.0)	(0.0)	Remaining Revenue Jul-Dec \$1.7
Jun 2022	Estimate	0.3	(0.2)	0.1	(0.1)	0.0	
Jul 2022	Estimate	0.3	(0.2)	0.1	—	0.1	
Aug 2022	Estimate	0.3	(0.2)	0.0	—	0.0	
Sep 2022	Estimate	0.3	(0.2)	0.1	—	0.1	Rider C Credit (19.91%)
Oct 2022	Estimate	0.3	(0.2)	0.0	—	0.0	
Nov 2022	Estimate	0.3	(0.2)	0.1	—	0.1	
Dec 2022	Estimate	0.3	(0.2)	0.1	—	0.1	
Component Totals		3.5	(2.9)	0.7	(0.3)	0.3	
Summary for All Components							
Pre-2022	Actual	—	—	—	—	—	
Jan 2022	Actual	200.8	(195.5)	5.3	0.3	5.6	
Feb 2022	Actual	196.4	(195.6)	0.7	0.3	1.1	
Mar 2022	Actual	183.5	(186.8)	(3.3)	0.2	(3.1)	
Apr 2022	Actual	184.5	(191.3)	(6.7)	(0.5)	(7.2)	
May 2022	Estimate	178.3	(191.2)	(13.0)	(0.5)	(13.4)	
Jun 2022	Estimate	195.2	(191.5)	3.7	(0.5)	3.2	
Jul 2022	Estimate	191.9	(190.2)	1.7	—	1.7	
Aug 2022	Estimate	198.4	(196.9)	1.5	—	1.5	
Sep 2022	Estimate	186.6	(194.7)	(8.1)	—	(8.1)	
Oct 2022	Estimate	186.9	(194.5)	(7.6)	—	(7.6)	
Nov 2022	Estimate	198.4	(197.0)	1.5	—	1.5	
Dec 2022	Estimate	188.8	(183.7)	5.1	—	5.1	
Summary Totals		2,289.9	(2,309.0)	(19.1)	(0.6)	(19.7)	

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

Total Rate DTS metered energy for Q3-Q4 2022: 30,304.7 GWh

**AESO Quarterly Rider C
For Q3 2022 Rider C**

(\$ millions)	Revenues Collected	(Costs Paid)	Variance	Rider C Collected (Refunded)	Monthly Variance Over-collected/ (Under-collected)
Pre-2022					
Connection charge	-	-	-	-	-
Operating reserve charge	-	-	-	-	-
Transmission constraint rebalancing charge	-	-	-	-	-
Voltage control charge	-	-	-	-	-
Other system support services charge	-	-	-	-	-
	-	-	-	-	-
Jan 2022 to Apr 2022 Actuals					
Connection charge	673,371,334	(676,846,552)	(3,475,218)	(768,219)	(4,243,437)
Operating reserve charge	88,866,047	(89,676,314)	(810,267)	1,238,351	428,084
Transmission constraint rebalancing charge	187,786	(187,786)	-	-	-
Voltage control charge	1,607,397	(1,504,299)	103,098	83,445	186,543
Other system support services charge	1,187,762	(952,380)	235,382	(201,926)	33,456
	765,220,326	(769,167,331)	(3,947,005)	351,651	(3,595,354)
May 2022 to Dec 2022 Estimate					
Connection charge	1,343,358,865	(1,356,322,088)	(12,963,223)	(1,586,586)	(14,549,809)
Operating reserve charge	175,123,637	(177,186,529)	(2,062,892)	634,775	(1,428,117)
Transmission constraint rebalancing charge	666,667	(666,667)	-	-	-
Voltage control charge	3,173,511	(3,717,333)	(543,822)	62,823	(481,000)
Other system support services charge	2,321,509	(1,904,762)	416,747	(102,769)	313,978
	1,524,644,188	(1,539,797,378)	(15,153,190)	(991,758)	(16,144,948)
Summary (2022 only)					
Connection charge	2,016,730,199	(2,033,168,640)	(16,438,441)	(2,354,805)	(18,793,246)
Operating reserve charge	263,989,684	(266,862,843)	(2,873,159)	1,873,126	(1,000,033)
Transmission constraint rebalancing charge	854,453	(854,453)	-	-	-
Voltage control charge	4,780,908	(5,221,632)	(440,724)	146,268	(294,457)
Other system support services charge	3,509,271	(2,857,142)	652,129	(304,695)	347,434
	2,289,864,514	(2,308,964,709)	(19,100,195)	(640,107)	(19,740,302)