

# Rider C Calculation For Calendar Quarter Q2 2020 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 22942-D02-2019 issued by the Alberta Utilities Commission on September 22, 2019.

Table 1 below provides a summary of Rider C charges and credits for each calendar quarter of 2020 calculated to date. Table 3 on the next page provides the detailed calculations for the latest 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 2020	Q2 2020	Q3 2020	Q4 2020
Connection charge and primary service credit	5.57%	0.31%		
Operating reserve charge	0.83%	1.56%		
Transmission constraint rebalancing charge	0.00%	0.01%		
Voltage control charge	(12.13%)	(3.55%)		
Other system support services charge	(43.09%)	(20.39%)		

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 2020 reflects Decision 24036-D01-2018 issued by the Alberta Utilities Commission on December 18, 2018.

**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, 2019 are excluded from the Q2 2020 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-2020	Actual	(0.7)	–	(0.7)	–	(0.7)	
Jan 2020	Actual	162.2	(168.3)	(6.1)	9.0	2.9	Monthly Variance Total (\$4.6) Shortfall Remaining Revenue Apr-Dec \$1,490.4 Rider C Charge 0.31%
Feb 2020	Estimate	161.7	(165.6)	(3.8)	9.0	5.2	
Mar 2020	Estimate	156.1	(166.1)	(10.0)	8.7	(1.3)	
Apr 2020	Estimate	144.5	(167.1)	(22.7)	–	(22.7)	
May 2020	Estimate	164.9	(167.3)	(2.4)	–	(2.4)	
Jun 2020	Estimate	166.1	(167.3)	(1.2)	–	(1.2)	
Jul 2020	Estimate	170.8	(167.2)	3.5	–	3.5	
Aug 2020	Estimate	169.8	(167.3)	2.5	–	2.5	
Sep 2020	Estimate	163.5	(167.2)	(3.8)	–	(3.8)	
Oct 2020	Estimate	167.1	(166.7)	0.4	–	0.4	
Nov 2020	Estimate	170.7	(166.0)	4.7	–	4.7	
Dec 2020	Estimate	173.2	(164.9)	8.3	–	8.3	
Component Totals		1,969.6	(2,001.0)	(31.4)	26.7	(4.6)	
<b>Operating Reserve Charge</b>							
Pre-2020	Actual	(0.2)	0.1	(0.1)	–	(0.1)	
Jan 2020	Actual	59.5	(59.8)	(0.3)	0.5	0.2	Monthly Variance Total (\$2.1) Shortfall Remaining Revenue Apr-Dec \$135.2 Rider C Charge 1.56%
Feb 2020	Estimate	49.9	(50.2)	(0.3)	0.4	0.2	
Mar 2020	Estimate	8.7	(8.9)	(0.3)	0.1	(0.2)	
Apr 2020	Estimate	11.1	(11.4)	(0.3)	–	(0.3)	
May 2020	Estimate	10.8	(11.1)	(0.3)	–	(0.3)	
Jun 2020	Estimate	9.4	(9.7)	(0.3)	–	(0.3)	
Jul 2020	Estimate	19.3	(19.5)	(0.3)	–	(0.3)	
Aug 2020	Estimate	21.3	(21.5)	(0.3)	–	(0.3)	
Sep 2020	Estimate	13.5	(13.8)	(0.3)	–	(0.3)	
Oct 2020	Estimate	19.5	(19.7)	(0.3)	–	(0.3)	
Nov 2020	Estimate	15.9	(16.2)	(0.3)	–	(0.3)	
Dec 2020	Estimate	14.3	(14.5)	(0.3)	–	(0.3)	
Component Totals		253.1	(256.2)	(3.1)	1.0	(2.1)	
<b>Transmission Constraint Rebalancing Charge</b>							
Pre-2020	Actual	(0.0)	–	(0.0)	–	(0.0)	
Jan 2020	Actual	–	–	–	–	–	Monthly Variance Total (\$0.0) Shortfall Remaining Revenue Apr-Dec \$0.1 Rider C Charge 0.01%
Feb 2020	Estimate	0.0	(0.0)	–	–	–	
Mar 2020	Estimate	0.0	(0.0)	–	–	–	
Apr 2020	Estimate	0.0	(0.0)	–	–	–	
May 2020	Estimate	0.0	(0.0)	–	–	–	
Jun 2020	Estimate	0.0	(0.0)	–	–	–	
Jul 2020	Estimate	0.0	(0.0)	–	–	–	
Aug 2020	Estimate	0.0	(0.0)	–	–	–	
Sep 2020	Estimate	0.0	(0.0)	–	–	–	
Oct 2020	Estimate	0.0	(0.0)	–	–	–	
Nov 2020	Estimate	0.0	(0.0)	–	–	–	
Dec 2020	Estimate	0.0	(0.0)	–	–	–	
Component Totals		0.1	(0.1)	(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 (%)
<b>Voltage Control Charge</b>							
Pre-2020	Actual	(0.0)	–	(0.0)	–	(0.0)	
Jan 2020	Actual	0.3	(0.3)	0.0	(0.0)	(0.0)	Monthly Variance Total
Feb 2020	Estimate	0.3	(0.2)	0.0	(0.0)	(0.0)	
Mar 2020	Estimate	0.3	(0.2)	0.0	(0.0)	(0.0)	\$0.1 Surplus
Apr 2020	Estimate	0.2	(0.2)	0.0	–	0.0	
May 2020	Estimate	0.2	(0.2)	0.0	–	0.0	Remaining Revenue Apr-Dec
Jun 2020	Estimate	0.2	(0.2)	0.0	–	0.0	
Jul 2020	Estimate	0.3	(0.2)	0.0	–	0.0	\$2.2
Aug 2020	Estimate	0.3	(0.2)	0.0	–	0.0	
Sep 2020	Estimate	0.2	(0.2)	0.0	–	0.0	Rider C Credit
Oct 2020	Estimate	0.3	(0.2)	0.0	–	0.0	
Nov 2020	Estimate	0.3	(0.2)	0.0	–	0.0	(3.55%)
Dec 2020	Estimate	0.3	(0.2)	0.0	–	0.0	
Component Totals		3.0	(2.9)	0.2	(0.1)	0.1	
<b>Other System Support Services Charge</b>							
Pre-2020	Actual	(0.0)	–	(0.0)	–	(0.0)	
Jan 2020	Actual	0.4	(0.2)	0.2	(0.2)	0.0	Monthly Variance Total
Feb 2020	Estimate	0.4	(0.2)	0.2	(0.2)	0.0	
Mar 2020	Estimate	0.4	(0.2)	0.2	(0.2)	0.0	\$0.5 Surplus
Apr 2020	Estimate	0.4	(0.2)	0.2	–	0.2	
May 2020	Estimate	0.3	(0.2)	0.0	–	0.0	Remaining Revenue Apr-Dec
Jun 2020	Estimate	0.3	(0.2)	0.1	–	0.1	
Jul 2020	Estimate	0.3	(0.2)	0.0	–	0.0	\$2.7
Aug 2020	Estimate	0.3	(0.2)	0.1	–	0.1	
Sep 2020	Estimate	0.3	(0.2)	0.0	–	0.0	Rider C Credit
Oct 2020	Estimate	0.3	(0.2)	0.0	–	0.0	
Nov 2020	Estimate	0.3	(0.2)	0.1	–	0.1	(20.39%)
Dec 2020	Estimate	0.3	(0.2)	0.0	–	0.0	
Component Totals		4.0	(2.9)	1.1	(0.6)	0.5	
<b>Summary for All Components</b>							
Pre-2020	Actual	(1.0)	0.1	(0.8)	–	(0.8)	
Jan 2020	Actual	222.4	(228.6)	(6.1)	9.3	3.2	
Feb 2020	Estimate	212.3	(216.2)	(3.9)	9.2	5.3	
Mar 2020	Estimate	165.5	(175.5)	(10.0)	8.6	(1.5)	
Apr 2020	Estimate	156.2	(179.0)	(22.8)	–	(22.8)	
May 2020	Estimate	176.3	(178.9)	(2.6)	–	(2.6)	
Jun 2020	Estimate	176.1	(177.5)	(1.4)	–	(1.4)	
Jul 2020	Estimate	190.6	(187.2)	3.3	–	3.3	
Aug 2020	Estimate	191.6	(189.3)	2.4	–	2.4	
Sep 2020	Estimate	177.5	(181.5)	(4.0)	–	(4.0)	
Oct 2020	Estimate	187.1	(186.9)	0.2	–	0.2	
Nov 2020	Estimate	187.1	(182.7)	4.5	–	4.5	
Dec 2020	Estimate	188.0	(179.9)	8.1	–	8.1	
Summary Totals		2,229.8	(2,263.0)	(33.2)	27.1	(6.1)	

Distribution system owners have requested the AESO provide the following information:  
 Total Rate DTS metered energy for Q2-Q4 2020: 44,681.1 GWh