

Rider C Calculation For Calendar Quarter Q4 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% | 3.39% |
| Operating reserve charge | 1.35% | 1.53% | 0.75% | 4.74% |
| Transmission constraint rebalancing charge | 0.00% | 0.00% | 0.00% | 0.00% |
| Voltage control charge | 4.19% | 8.42% | 12.13% | 101.91% |
| Other system support services charge | (16.76%) | (17.82%) | (19.91%) | (24.95%) |

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 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 |
| | 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 |
| | 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, 2021 are excluded from the Q4 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 | (162.8) | 13.1 | — | 13.1 | Monthly Variance Total (\$17.3) |
| Feb 2022 | Actual | 169.7 | (161.1) | 8.6 | — | 8.6 | |
| Mar 2022 | Actual | 165.6 | (161.5) | 4.2 | — | 4.2 | |
| Apr 2022 | Actual | 162.2 | (162.1) | 0.1 | (0.8) | (0.7) | Shortfall |
| May 2022 | Actual | 159.2 | (162.0) | (2.8) | (0.8) | (3.6) | |
| Jun 2022 | Actual | 161.2 | (188.4) | (27.2) | (0.8) | (28.0) | Remaining Revenue Oct-Dec \$511.4 |
| Jul 2022 | Actual | 172.1 | (187.2) | (15.1) | 3.2 | (11.9) | |
| Aug 2022 | Estimate | 171.2 | (169.6) | 1.6 | 3.2 | 4.7 | Rider C Charge 3.39% |
| Sep 2022 | Estimate | 160.9 | (169.7) | (8.8) | 3.0 | (5.8) | |
| Oct 2022 | Estimate | 161.9 | (169.8) | (7.9) | — | (7.9) | |
| Nov 2022 | Estimate | 171.3 | (169.8) | 1.5 | — | 1.5 | |
| Dec 2022 | Estimate | 178.3 | (169.8) | 8.4 | — | 8.4 | |
| Component Totals | | 2,009.4 | (2,033.8) | (24.4) | 7.1 | (17.3) | |
| Operating Reserve Charge | | | | | | | |
| Pre-2022 | Actual | — | — | — | — | — | |
| Jan 2022 | Actual | 24.2 | (24.5) | (0.3) | 0.3 | 0.1 | Monthly Variance Total (\$3.1) |
| Feb 2022 | Actual | 26.0 | (26.3) | (0.3) | 0.4 | 0.1 | |
| Mar 2022 | Actual | 17.1 | (17.3) | (0.2) | 0.2 | 0.0 | |
| Apr 2022 | Actual | 18.2 | (21.6) | (3.4) | 0.3 | (3.1) | Shortfall |
| May 2022 | Actual | 22.3 | (22.5) | (0.2) | 0.3 | 0.2 | |
| Jun 2022 | Actual | 34.0 | (34.0) | 0.0 | 0.5 | 0.5 | Remaining Revenue Oct-Dec \$64.5 |
| Jul 2022 | Actual | 47.0 | (47.3) | (0.3) | 0.4 | 0.1 | |
| Aug 2022 | Estimate | 26.9 | (27.1) | (0.3) | 0.2 | (0.1) | Rider C Charge 4.74% |
| Sep 2022 | Estimate | 24.7 | (24.9) | (0.3) | 0.2 | (0.1) | |
| Oct 2022 | Estimate | 24.4 | (24.7) | (0.3) | — | (0.3) | |
| Nov 2022 | Estimate | 26.7 | (27.0) | (0.3) | — | (0.3) | |
| Dec 2022 | Estimate | 13.4 | (13.7) | (0.3) | — | (0.3) | |
| Component Totals | | 305.0 | (310.8) | (5.8) | 2.8 | (3.1) | |
| Transmission Constraint Rebalancing Charge | | | | | | | |
| Pre-2022 | Actual | — | — | — | — | — | |
| Jan 2022 | Actual | — | — | — | — | — | Monthly Variance Total (\$0.0) |
| Feb 2022 | Actual | — | — | — | — | — | |
| Mar 2022 | Actual | 0.0 | (0.0) | 0.0 | — | 0.0 | |
| Apr 2022 | Actual | 0.1 | (0.1) | (0.0) | — | (0.0) | Shortfall |
| May 2022 | Actual | 0.1 | (0.1) | (0.0) | — | (0.0) | |
| Jun 2022 | Actual | 0.1 | (0.1) | (0.0) | — | (0.0) | Remaining Revenue Oct-Dec \$0.3 |
| Jul 2022 | Actual | 0.1 | (0.1) | (0.0) | — | (0.0) | |
| Aug 2022 | Estimate | 0.1 | (0.1) | — | — | — | Rider C Charge 0.00% |
| Sep 2022 | Estimate | 0.1 | (0.1) | — | — | — | |
| 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) | (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 (%) |
|---|------------------|---------------------------------|-------------------------|-----------------------|--------------------------------|-------------------------------|--|
| Voltage Control Charge | | | | | | | |
| Pre-2022 | Actual | — | — | — | — | — | |
| Jan 2022 | Actual | 0.4 | (0.5) | (0.1) | 0.0 | (0.1) | Monthly Variance Total (\$1.3) Shortfall |
| Feb 2022 | Actual | 0.4 | (0.5) | (0.2) | 0.0 | (0.1) | |
| Mar 2022 | Actual | 0.4 | (0.4) | (0.0) | 0.0 | (0.0) | |
| Apr 2022 | Actual | 0.4 | — | 0.4 | 0.0 | 0.4 | |
| May 2022 | Actual | 0.4 | — | 0.4 | 0.0 | 0.4 | |
| Jun 2022 | Actual | 0.4 | — | 0.4 | 0.0 | 0.4 | Remaining Revenue Oct-Dec \$1.3 |
| Jul 2022 | Actual | 0.4 | (0.2) | 0.2 | 0.0 | 0.3 | |
| Aug 2022 | Estimate | 0.4 | (0.9) | (0.5) | 0.0 | (0.5) | Rider C Charge 101.91% |
| Sep 2022 | Estimate | 0.4 | (0.9) | (0.6) | 0.0 | (0.5) | |
| Oct 2022 | Estimate | 0.4 | (0.9) | (0.5) | — | (0.5) | |
| Nov 2022 | Estimate | 0.4 | (0.9) | (0.5) | — | (0.5) | |
| Dec 2022 | Estimate | 0.4 | (0.9) | (0.5) | — | (0.5) | |
| Component Totals | | 4.8 | (6.4) | (1.6) | 0.3 | (1.3) | |
| Other System Support Services Charge | | | | | | | |
| Pre-2022 | Actual | — | — | — | — | — | |
| Jan 2022 | Actual | 0.3 | (0.2) | 0.1 | (0.1) | 0.0 | Monthly Variance Total \$0.2 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 | Actual | 0.3 | (0.2) | 0.1 | (0.1) | 0.0 | |
| Jun 2022 | Actual | 0.3 | (0.2) | 0.1 | (0.1) | 0.0 | Remaining Revenue Oct-Dec \$0.9 |
| Jul 2022 | Actual | 0.3 | (0.2) | 0.1 | (0.1) | 0.0 | |
| Aug 2022 | Estimate | 0.3 | (0.2) | 0.0 | (0.1) | (0.0) | Rider C Credit (24.95%) |
| Sep 2022 | Estimate | 0.3 | (0.2) | 0.0 | (0.1) | (0.0) | |
| 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 | | 3.6 | (2.9) | 0.7 | (0.5) | 0.2 | |
| Summary for All Components | | | | | | | |
| Pre-2022 | Actual | — | — | — | — | — | |
| Jan 2022 | Actual | 200.8 | (188.0) | 12.8 | 0.3 | 13.1 | |
| Feb 2022 | Actual | 196.4 | (188.1) | 8.2 | 0.3 | 8.6 | |
| Mar 2022 | Actual | 183.5 | (179.5) | 4.0 | 0.2 | 4.2 | |
| Apr 2022 | Actual | 181.2 | (184.1) | (2.9) | (0.5) | (3.4) | |
| May 2022 | Actual | 182.3 | (184.9) | (2.5) | (0.4) | (3.0) | |
| Jun 2022 | Actual | 196.0 | (222.7) | (26.7) | (0.3) | (27.0) | |
| Jul 2022 | Actual | 220.0 | (235.1) | (15.1) | 3.5 | (11.6) | |
| Aug 2022 | Estimate | 198.8 | (198.0) | 0.8 | 3.4 | 4.2 | |
| Sep 2022 | Estimate | 186.3 | (195.9) | (9.6) | 3.2 | (6.4) | |
| Oct 2022 | Estimate | 187.1 | (195.7) | (8.7) | — | (8.7) | |
| Nov 2022 | Estimate | 198.8 | (198.0) | 0.8 | — | 0.8 | |
| Dec 2022 | Estimate | 192.5 | (184.7) | 7.8 | — | 7.8 | |
| Summary Totals | | 2,323.6 | (2,354.7) | (31.1) | 9.7 | (21.4) | |

Distribution system owners have requested the AESO provide the following information:
Total Rate DTS metered energy for Q4 2022: 15,638.0 GWh