

CURRENT YEAR MONTHLY DETAIL

Alberta Electric System Operator Rider E Calibration Factor Calculation For the Second Quarter of 2023

Page 1 of 2

2023 Second Quarter Calibration Factor % =
Carryforward Dec 31, 2022 + [(Cost of Losses - Loss Revenues) - Rider E Revenues] Jan 1 - Dec 31, 2023
[Hourly Loss Factor Customer Volumes × Hourly Pool Price] Apr 1 - Dec 31, 2023

The following table provides a summary of the AESO's projected year-end losses account balance for Rider E for January to December 2023.

		Calibration Factor Calculation Inputs							Other lafe was atten		
			Numerator Values					Other Information			
Period	Data Source	Cost of Losses \$ millions	Revenues Collected Loss Factors \$ millions	Costs Less Revenue (Over Collected) / Under Collected \$ millions	Rider E Refunded/ (Collected) \$ millions	Outstanding Variance (Over Collected) / Under Collected \$ millions	Monthly Loss Factor Customer Volumes × Pool Price \$ millions	Average Monthly Pool Price \$/MWh	Monthly Loss Factor Customer Volumes millions MWh	Monthly Loss Volumes millions MWh	
Carryforward Dec 31, 2022		*	,	*	•	25.0	,	***********			
January 2023	Actual	28.7	18.8	9.9	(1.6)	8.3	NA	126.13	6.13	0.22	
February 2023	Forecast	20.4	14.3	6.1	(1.4)	4.7	NA	123.50	5.28	0.18	
March 2023	Forecast	24.6	24.7	(0.1)	(1.9)	(2.0)	NA	153.39	5.80	0.16	
April 2023	Forecast	12.5	14.0	(1.4)	0.0	(1.4)	465.12	85.08	5.43	0.15	
May 2023	Forecast	14.9	15.6	(0.7)	0.0	(0.7)	537.39	97.03	5.50	0.15	
June 2023	Forecast	13.8	13.3	0.5	0.0	0.5	496.84	91.37	5.36	0.15	
July 2023	Forecast	17.3	16.5	0.9	0.0	0.9	706.20	115.95	5.84	0.15	
August 2023	Forecast	20.8	19.6	1.2	0.0	1.2	892.57	137.43	6.34	0.15	
September 2023	Forecast	19.4	19.7	(0.4)	0.0	(0.4)	820.29	134.88	5.97	0.14	
October 2023	Forecast	9.3	9.9	(0.6)	0.0	(0.6)	363.04	58.21	6.20	0.16	
November 2023	Forecast	17.1	17.6	(0.5)	0.0	(0.5)	658.61	99.66	6.45	0.17	
December 2023	Forecast	18.4	17.2	1.2	0.0	`1.2 [´]	743.87	102.83	7.18	0.18	
Annual 2023		217.2	201.2	16.0	(4.8)	11.1	5683.95	110.46	71.48	1.94	
Total Balance						36.1	5,683.95				
Calibration Factor Calculation Outputs: Rider E Calibration Factor Q2 2023							0.64 % (R	efund)/Charge			

Notes:

- 1. The Rider E Calibration Factor will apply to all loss factor customers receiving service under Rates STS, DOS, XOS, and IOS as provided on the Rider E rate sheet.
- 2. If the Rider E Calibration Factor for Q2 remained in place during Q2, Q3, and Q4, it would collect the variance between cost of losses and revenues by the end of 2023, as currently forecasted.
- 3. Forecast amounts in the above table and calculation reflect the AESO's best estimates at the time of preparation. The values represent forecasts and estimates only, and final values will differ.
- 4. Actual amounts in the above table are subject to revision in future periods due to interim and final settlement and to other adjustments.
- 5. The calibration factor calculation itself is based on summing hourly costs, revenues, and loss factor customer volumes x pool price, and the same result will not be obtained by using the monthly values presented.
- 6. Numbers may not add due to rounding.
- 7. "NA" means "not applicable".
- 8. The revenue, cost and Rider E amounts are shown on a production month basis.

PRIOR YEARS MONTHLY DETAIL

Alberta Electric System Operator
Rider E Calibration Factor Calculation
For the Second Quarter of 2023
Page 2 of 2

The following table provides a summary of the AESO's losses account balance for Rider E for the period 2006 to 2022.

		Calibration Factor Calculation Inputs							04	
		Numerator Values					Denominator Value	Other Information		
Period	Data Source	Cost of Losses \$ millions	Revenues Collected Loss Factors \$ millions	Costs Less Revenue (Over Collected) / Under Collected \$ millions	Rider E Refunded/ (Collected) \$ millions	Outstanding Variance (Over Collected) / Under Collected \$ millions	Monthly Loss Factor Customer Volumes × Pool Price \$ millions	Average Monthly Pool Price \$/MWh	Monthly Loss Factor Customer Volumes millions MWh	Monthly Loss Volumes millions MWh
Annual 2006 to 2019		1,902.4	1,947.7	(45.3)	58.4	13.2	NA	56.4	840.4	33.3
January 2020 February 2020 March 2020 April 2020 May 2020 June 2020 July 2020 August 2020 September 2020 October 2020 November 2020 December 2020	Actual	19.9 5.6 6.6 4.6 4.5 5.7 9.2 7.1 5.7 10.0 7.2	18.8 5.2 6.1 3.9 3.5 4.2 7.0 5.7 4.6 8.4 6.0 5.6	1.1 0.4 0.5 0.7 0.9 1.4 2.2 1.4 1.1 1.7 1.3	(2.6) (0.7) (0.8) (1.5) (1.3) (1.7) (2.8) (2.1) (1.6) (3.2) (2.0) (2.1)	(1.5) (0.3) (0.4) (0.8) (0.4) (0.3) (0.6) (0.7) (0.5) (1.5) (0.8) (0.5)	NA NA NA NA NA NA NA NA NA	120.67 36.33 42.16 28.92 26.39 34.51 54.14 41.05 36.05 61.26 38.44 38.46	5.68 5.12 5.37 4.69 4.54 4.60 4.92 5.17 4.83 5.23 5.24 5.41	0.18 0.15 0.16 0.15 0.16 0.15 0.16 0.16 0.15 0.17 0.19 0.18
Annual 2020	Actual	7.2 93.3	79.0	14.3	(2.1)	(8.1)	NA NA	46.53	60.79	1.96
January 2021 February 2021 March 2021 April 2021 May 2021 June 2021 July 2021 August 2021 September 2021 October 2021 November 2021 December 2021 Annual 2021	Actual	13.3 23.5 11.2 13.5 13.1 23.3 20.4 13.4 14.4 15.1 18.1 21.0 200.3	10.9 21.3 9.3 10.8 11.0 21.2 18.0 11.5 12.5 12.9 15.6 18.9	2.3 2.2 1.9 2.7 2.1 2.2 2.5 1.9 1.9 2.2 2.4 2.0	(1.6) (3.1) (1.3) (1.7) (1.7) (3.2) (5.4) (3.4) (3.5) (2.5) (2.7) (3.9)	0.8 (0.9) 0.5 1.0 0.4 (1.0) (2.9) (1.5) (1.6) (0.3) (0.3) (1.8) (7.5)	NA N	72.89 151.98 66.92 87.99 85.39 140.80 124.10 82.26 94.45 96.35 99.07 126.27	5.40 5.08 5.09 4.66 4.74 5.01 5.28 5.02 4.62 4.89 5.25 5.82 60.86	0.17 0.15 0.16 0.15 0.15 0.15 0.15 0.15 0.16 0.16 0.18 0.17 1.90
January 2022 February 2022 March 2022 April 2022 May 2022 June 2022 July 2022 August 2022 September 2022 October 2022 November 2022 December 2022 Annual 2022	Actual	15.8 16.5 13.8 18.6 18.5 21.1 23.1 45.5 46.8 21.8 32.1 60.9	15.4 15.9 12.5 17.9 18.4 18.9 22.4 41.4 38.6 19.7 29.1 52.8	0.4 0.6 1.3 0.7 0.1 2.2 0.7 4.0 8.2 2.1 3.0 8.1	(2.3) (2.4) (1.8) (0.3) (0.3) (0.3) 1.7 3.1 2.8 (0.8) (1.1) (2.1)	(1.9) (1.8) (0.4) 0.4 (0.2) 1.9 2.3 7.1 11.0 1.3 1.9 6.0	N/A	90.81 105.22 75.38 117.14 121.24 129.08 141.55 257.75 266.39 142.34 186.84 311.73	5.70 5.08 5.37 5.01 5.06 4.94 5.34 5.36 4.92 5.13 5.49 6.30	0.18 0.16 0.18 0.16 0.15 0.16 0.15 0.16 0.17 0.16 0.17 0.20 1.98

Carryforward Dec 31, 2022 25.0