



CURRENT YEAR MONTHLY DETAIL

$$\text{2021 Fourth Quarter Calibration Factor \%} = \frac{\text{Carryforward}_{\text{Dec 31, 2020}} + [(\text{Cost of Losses} - \text{Loss Revenues}) - \text{Rider E Revenues}]_{\text{Jan 1 - Dec 31, 2021}}}{[\text{Hourly Loss Factor Customer Volumes} \times \text{Hourly Pool Price}]_{\text{Oct 1 - Dec 31, 2021}}}$$

The following table provides a summary of the AESO's projected year-end losses account balance for Rider E for January to December 2021.

Calibration Factor Calculation Inputs							Other Information			
Period	Data Source	Numerator Values				Denominator Value	Average Monthly Pool Price \$/MWh	Monthly Loss Factor Customer Volumes millions MWh	Monthly Loss Volumes millions MWh	
		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
Carryforward <small>Dec 31, 2020</small>						5.0				
January 2021	Actual	13.3	10.9	2.3	(1.6)	0.8	N/A	72.89	5.44	0.17
February 2021	Actual	23.5	21.3	2.2	(3.1)	(0.9)	N/A	151.98	5.14	0.15
March 2021	Actual	11.2	9.3	1.9	(1.3)	0.5	N/A	66.92	5.15	0.16
April 2021	Actual	13.5	10.8	2.7	(1.7)	1.0	N/A	87.99	4.73	0.15
May 2021	Actual	13.2	11.0	2.2	(1.7)	0.5	N/A	85.39	4.84	0.15
June 2021	Actual	24.1	21.1	3.0	(3.2)	(0.2)	N/A	140.80	5.11	0.16
July 2021	Actual	21.2	17.9	3.2	(5.4)	(2.1)	N/A	124.10	5.38	0.15
August 2021	Forecast	21.9	20.4	1.5	(5.7)	(4.2)	N/A	141.36	5.06	0.15
September 2021	Forecast	12.4	10.5	1.9	(3.2)	(1.3)	N/A	86.19	4.72	0.14
October 2021	Forecast	9.2	7.1	2.2	0.0	2.2	302.51	57.79	5.19	0.16
November 2021	Forecast	12.7	11.2	1.5	0.0	1.5	404.58	73.89	5.40	0.17
December 2021	Forecast	12.5	9.6	2.9	0.0	2.9	390.25	68.21	5.63	0.18
Annual 2021		188.7	161.2	27.5	(26.8)	0.6	1,097.34	96.46	61.78	1.90
Total Balance						5.7	1,097.34			
Calibration Factor Calculation Outputs: Rider E Calibration Factor Q4 2021							0.52%	(Refund)/Charge		

Notes:

- 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.
- If the Rider E Calibration Factor for Q4 remained in place during Q4, it would collect the variance between cost of losses and revenues by the end of 2021, as currently forecasted.
- 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.
- Actual amounts in the above table are subject to revision in future periods due to interim and final settlement and to other adjustments.
- The calibration factor calculation itself is based on summing hourly costs, revenues, and loss factor customer volumes × pool price, and the same result will not be obtained by using the monthly values presented.
- Numbers may not add due to rounding.
- "NA" means "not applicable".
- 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 First Quarter of 2021
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The following table provides a summary of the AESO's losses account balance for Rider E for the period 2006 to 2020.

		Calibration Factor Calculation Inputs					Other Information			
		Numerator Values			Denominator Value					
Period	Data Source	Cost of Losses \$ millions	Revenues Collected Less 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 2017		1,697.5	1,753.9	(55.7)	57.8	2.1	NA	57.0	713.5	29.6
January 2018	Actual	7.4	8.2	(0.9)	(0.1)	(1.0)	NA	40.83	5.72	0.18
February 2018	Actual	4.9	5.6	(0.6)	(0.1)	(0.7)	NA	31.32	5.24	0.15
March 2018	Actual	5.2	5.9	(0.7)	(0.1)	(0.8)	NA	32.27	5.43	0.16
April 2018	Actual	6.6	7.4	(0.7)	(0.1)	(0.9)	NA	40.55	5.04	0.16
May 2018	Actual	10.8	12.2	(1.4)	(0.2)	(1.7)	NA	63.77	5.06	0.15
June 2018	Actual	10.4	11.5	(1.1)	(0.2)	(1.3)	NA	63.44	4.97	0.15
July 2018	Actual	9.7	10.9	(1.3)	0.3	(1.0)	NA	58.45	5.32	0.14
August 2018	Actual	11.2	12.8	(1.6)	0.4	(1.2)	NA	68.80	5.29	0.14
September 2018	Actual	5.1	5.4	(0.2)	0.2	(0.0)	NA	36.11	4.92	0.13
October 2018	Actual	9.7	10.8	(1.1)	2.9	1.8	NA	63.48	5.46	0.14
November 2018	Actual	9.7	10.2	(0.5)	2.8	2.3	NA	59.21	5.61	0.16
December 2018	Actual	7.9	8.0	(0.1)	2.3	2.2	NA	43.99	6.13	0.18
Annual 2017		98.6	108.9	(10.3)	8.0	(2.3)	NA	50.19	64.19	1.84
January 2019	Actual	6.7	5.0	1.7	1.1	2.8	NA	37.83	5.69	0.17
February 2019	Actual	17.5	14.6	2.9	3.1	6.0	NA	109.36	5.68	0.16
March 2019	Actual	10.1	8.4	1.7	1.9	3.6	NA	65.04	5.63	0.15
April 2019	Actual	6.0	5.1	0.9	0.8	1.7	NA	40.80	4.86	0.14
May 2019	Actual	12.7	10.5	2.2	1.6	3.8	NA	74.78	4.92	0.16
June 2019	Actual	8.5	6.7	1.7	1.1	2.9	NA	53.52	4.83	0.15
July 2019	Actual	6.2	5.1	1.1	0.2	1.3	NA	40.99	5.12	0.14
August 2019	Actual	6.7	5.5	1.2	0.2	1.4	NA	45.40	5.07	0.14
September 2019	Actual	7.6	6.4	1.2	0.2	1.4	NA	54.45	4.84	0.16
October 2019	Actual	6.8	5.4	1.3	(5.1)	(3.7)	NA	41.86	5.19	0.16
November 2019	Actual	9.1	7.1	2.0	(6.8)	(4.8)	NA	56.15	5.22	0.16
December 2019	Actual	8.4	5.7	2.7	(5.6)	(2.9)	NA	43.19	5.58	0.19
Annual 2019		106.3	85.6	20.7	(7.4)	13.4	NA	55.28	62.65	1.89
January 2020	Actual	19.9	18.8	1.1	(2.6)	(1.5)	NA	120.67	5.68	0.18
February 2020	Actual	5.6	5.2	0.4	(0.7)	(0.3)	NA	36.33	5.12	0.15
March 2020	Actual	6.6	6.1	0.5	(0.8)	(0.4)	NA	42.16	5.37	0.16
April 2020	Actual	4.6	3.9	0.7	(1.5)	(0.8)	NA	28.92	4.69	0.15
May 2020	Actual	4.5	3.5	0.9	(1.3)	(0.4)	NA	26.39	4.54	0.16
June 2020	Actual	5.7	4.2	1.4	(1.7)	(0.3)	NA	34.51	4.60	0.15
July 2020	Actual	9.2	7.0	2.2	(2.8)	(0.6)	NA	54.14	4.92	0.16
August 2020	Actual	7.1	5.7	1.4	(2.1)	(0.7)	NA	41.05	5.17	0.16
September 2020	Actual	5.7	4.6	1.1	(1.6)	(0.5)	NA	36.05	4.83	0.15
October 2020	Actual	10.0	8.4	1.7	(3.2)	(1.5)	NA	61.26	5.23	0.17
November 2020	Actual	7.2	6.0	1.3	(2.0)	(0.8)	NA	38.44	5.24	0.19
December 2020	Actual	7.2	5.6	1.6	(2.1)	(0.5)	NA	38.46	5.41	0.18
Annual 2020		93.3	79.0	14.3	(22.4)	(8.1)	NA	46.53	60.79	1.96

Carryforward Dec 31, 2020

5.0