

## **CURRENT YEAR MONTHLY DETAIL**

Alberta Electric System Operator Rider E Calibration Factor Calculation For the First Quarter of 2014

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2014 First Quarter Calibration Factor % =  $\frac{\text{Carryforward}_{\text{Dec 31, 2013}} + [(\text{Cost of Losses} - \text{Loss Revenues}) - \text{Rider E Revenues}]_{\text{Jan 1 - Dec 31, 2014}}}{[\text{Hourly Loss Factor Customer Volumes} \times \text{Hourly Pool Price}]_{\text{Jan 1 - Dec 31, 2014}}}$ 

The following table provides a summary of the AESO's projected year-end losses account balance for Rider E for January to December 2014.

			Calibration Factor Calculation Inputs								
			Numerator Values						Other Information		
Period	Data Source	Cost of Losses \$ millions	Revenues Collected Loss Factors \$ millions	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, 2013						(0.6)					
January 2014	Forecast	9.2	9.5	(0.3)	0.0	(0.3)	265.84	43.77	5.94	0.21	
February 2014	Forecast	9.6	9.7	(0.0)	0.0	(0.0)	264.91	49.51	5.27	0.19	
March 2014	Forecast	6.2	6.5	(0.3)	0.0	(0.3)	192.47	32.47	5.85	0.19	
April 2014	Forecast	6.1	6.9	(0.7)	0.0	(0.7)	197.07	34.12	5.69	0.18	
May 2014	Forecast	19.4	20.6	(1.2)	0.0	(1.2)	614.35	102.03	5.76	0.18	
June 2014	Forecast	4.1	4.4	(0.3)	0.0	(0.3)	132.19	23.93	5.40	0.17	
July 2014	Forecast	8.9	9.5	(0.7)	0.0	(0.7)	274.04	45.45	5.88	0.19	
August 2014	Forecast	12.0	12.3	(0.4)	0.0	(0.4)	360.66	60.89	5.75	0.19	
September 2014	Forecast	9.6	9.5	0.1	0.0	0.1	281.02	49.27	5.55	0.19	
October 2014	Forecast	9.8	9.2	0.6	0.0	0.6	260.11	48.11	5.31	0.20	
November 2014	Forecast	10.0	9.8	0.2	0.0	0.2	291.44	47.94	5.96	0.20	
December 2014	Forecast	9.5	9.6	(0.1)	0.0	(0.1)	279.79	43.13	6.38	0.22	
Annual 2014		114.4	117.5	(3.1)	0.0	(3.1)	3,413.88	48.38	68.73	2.31	
Total Balance						(3.7)	3,413.88				
Calibration Factor Calculation Outputs: Rider E Calibration Factor Q1 2014							(0.11%)	(Refund)/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 Q1 remained in place during Q1, Q2, Q3 and Q4, it would collect the variance between cost of losses and revenues by the end of 2014, 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.
- 9. The 2014 Q1 Calibration Factor reflects a refund of \$0.6 million arising from a system level metering adjustment related to 2011. The allocation of the refund will occur in the twelve months of 2014.

## PRIOR YEARS MONTHLY DETAIL

The following table provides a summary of the AESO's losses account balance for Rider E for the period 2006 to 2013.

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## **Calibration Factor Calculation Inputs** Other Information Numerator Values **Denominator Value** Revenues Costs Less Outstanding Collected Revenue Variance Monthly Loss Factor Monthly Loss Rider E Average Data Factor Customer Monthly Loss Cost of Loss (Over Collected) Refunded/ (Over Collected) **Customer Volumes** Monthly Period Source Losses Factors / Under (Collected) / Under Collected × Pool Price Pool Price Volumes Volumes \$ millions \$ millions \$ millions \$ millions \$ millions \$/MWh millions MWh millions MWh \$ millions Annual 2006 to 2010 892.9 948.5 (55.7)50.8 (4.9)NA 67.26 286.73 13.52 0.3 0.22 January 2011 Actual 16.9 16.6 0.2 0.4 NA 79.05 5.19 February 2011 Actual 22.7 21.9 0.8 0.2 1.0 NA 122.45 4.67 0.18 March 2011 10.4 10.2 0.2 0.1 0.3 NA 48.52 0.21 Actual 5.16 April 2011 Actual 9.3 9.1 0.3 (1.4)(1.1)NA 52.23 4.51 0.18 NA May 2011 Actual 6.3 6.3 0.0 (0.9)(0.9)32.27 4.50 0.19 June 2011 Actual 14.0 13.4 0.6 (2.0)NA 4.52 0.19 (1.4)71.85 July 2011 Actual 14.0 14.2 (0.2)(0.2)(0.4)NA 61.21 4.76 0.21 August 2011 25.1 28.4 (3.3)(0.5)NA 126.36 4.80 0.20 Actual (3.8)September 2011 20.1 21.4 (1.2)(0.3)NA 96.57 4.61 0.19 Actual (1.6)October 2011 Actual 13.0 15.2 (2.2)1.0 (1.1)NA 69.75 4.73 0.19 NA November 2011 21.5 25.5 (3.9)108.24 4.93 0.19 Actual 1.7 (2.2)December 2011 Actual 9.9 12.3 0.8 (1.5)NA 51.26 5.05 0.20 (2.4)Annual 2011 183.4 194.4 (11.0)(1.3)(12.3)NA 76.65 57.42 2.34 17.0 19.2 (2.2)(0.0)NA 84.54 5.16 0.20 January 2012 Actual (2.2)February 2012 8.7 8.8 (0.1)(0.0)(0.1)NA 43.67 4.78 0.19 Actual March 2012 Actual 9.6 10.4 (0.8)(0.0)(8.0)NA 51.08 4.91 0.19 April 2012 Actual 6.8 7.7 (0.9)0.7 (0.2)NA 41.69 4.58 0.17 NA May 2012 5.4 5.8 (0.4)0.5 0.1 29.46 4.58 0.18 Actual June 2012 Actual 8.3 9.0 (0.6)0.8 0.2 NA 49.30 4.38 0.16 NA July 2012 Actual 13.7 14.1 (0.3)1.3 1.0 68.39 4.86 0.19 August 2012 Actual 12.4 10.5 1.8 2.7 4.6 NA 56.54 4.88 0.19 September 2012 19.4 17.8 1.7 4.7 6.3 NA 110.39 4.54 0.18 Actual October 2012 Actual 17.9 16.6 1.3 2.6 3.9 NA 91.36 4.91 0.19 November 2012 Actual 18.8 15.7 3.1 2.5 5.6 NA 87.41 4.98 0.20 December 2012 Actual 12.5 1.8 3.0 NA 0.22 11.3 1.3 57.62 5.38 150.7 Annual 2012 146.8 3.8 17.5 21.4 NA 64.29 57.92 2.26 12.2 (0.5)0.1 NA 58.02 5.36 0.21 January 2013 Actual 11.8 (0.3)February 2013 5.0 5.6 (0.6)(0.6)NA 28.71 4.75 0.20 Actual 0.1 March 2013 19.5 20.3 (0.6)5.04 0.19 Actual (0.8)0.2 NA 105.63 April 2013 Actual 24.6 25.1 (0.5)(1.1)(1.6)NA 137.66 4.81 0.18 23.1 23.1 (0.0)NA 4.69 0.18 May 2013 Actual (1.0)(1.0)127.66 4.44 June 2013 Actual 17.3 17.6 (0.3)(0.8)(1.1)NA 104.77 0.16 July 2013 Actual 10.7 11.0 (0.3)(0.9)(1.2)NA 56.14 4.89 0.19 August 2013 Actual 16.1 16.4 (0.3)(1.3)(1.6)NA 83.64 4.85 0.17 22.9 September 2013 Actual 21.2 1.7 (1.8)(0.0)NA 111.98 4.72 0.18 October 2013 Actual 12.9 12.6 0.3 1.3 1.6 NA 64.56 4.80 0.21 0.21 November 2013 Forecast 9.6 9.8 (0.1)1.0 0.9 NA 45.72 5.46 9.9 NA 5.92 0.22 December 2013 Forecast 10.1 (0.2)1.0 8.0 44.09 Annual 2013 183.4 185.0 (1.6)(3.2)(4.8)NA 80.71 59.72 2.30