

## **CURRENT YEAR MONTHLY DETAIL**

Alberta Electric System Operator Rider E Calibration Factor Calculation For The Second Quarter 2010

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2010 Second Quarter Calibration Factor % =  $\frac{\text{Carryforward}_{\text{Dec 31 2009}} + [(\text{Cost of Losses} - \text{Loss Revenues}) - \text{Rider E Revenues}]_{\text{Jan 1 - Dec 31 2010}}}{[\text{Hourly Loss Factor Customer Volumes x Hourly Pool Price}]_{\text{Apr 1-Dec 31, 2010}}}$ 

The following table provides a summary of the AESO's projected year-end losses account balance for Rider E for January to December 2010.

			Calibration Factor Calculation Inputs						Su 1.6		
			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	
Carryforward Dec 31 2	2009	Ç mmone	ψ //iiiiie/ie	ψσ	ψ mmone	0.8	ψone	φ			
January 2010	Actual	10.40	10.63	(0.2)	0.34	0.1	NA	43.43	4.96	0.24	
February 2010	Forecast	13.57	12.40	1.2	0.42	1.6	NA	57.03	4.86	0.24	
March 2010	Forecast	8.98	9.02	(0.0)	0.31	0.3	NA	38.99	5.30	0.23	
April 2010	Forecast	14.40	14.84	(0.4)	0.00	(0.4)	331.66	67.57	4.84	0.21	
May 2010	Forecast	9.00	9.03	(0.0)	0.00	(0.0)	203.38	40.96	4.88	0.22	
June 2010	Forecast	9.91	10.46	(0.5)	0.00	(0.5)	243.69	49.24	4.79	0.19	
July 2010	Forecast	11.07	11.80	(0.7)	0.00	(0.7)	272.51	53.66	4.98	0.20	
August 2010	Forecast	11.64	12.36	(0.7)	0.00	(0.7)	269.04	54.80	4.83	0.21	
September 2010	Forecast	13.17	13.95	(0.8)	0.00	(0.8)	313.41	63.56	4.77	0.20	
October 2010	Forecast	14.29	16.14	(1.9)	0.00	(1.9)	353.47	68.34	5.08	0.21	
November 2010	Forecast	14.60	14.23	0.4	0.00	0.4	331.06	66.30	4.87	0.22	
December 2010	Forecast	23.31	23.55	(0.2)	0.00	(0.2)	520.40	95.78	5.27	0.24	
Annual 2010		154.33	158.40	(4.1)	1.07	(3.0)	2838.62	58.28	59.43	2.60	
Total Balance						(2.2)	2,838.62				
Calibration Factor Calculation Outputs: Rider E Calibration Factor Q2 2010						(0.08%)	(Refund)/Charge				

## Notes:

- 1. The Rider E Calibration Factor will apply to all loss factor customers receiving service under Rates STS, DOS, EOS, and IOS as provided on the Rider E rate sheet.
- 2. If the Rider E Calibration Factor for Q2 remained in place during Q3, and Q4, it would collect the variance between cost of losses and revenues by the end of 2010, 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

The following table provides a summary of the AESO's losses account balance for Rider E

Alberta Electric System Operator Rider E Calibration Factor Calculation For The Second Quarter 2010

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		Calibration Factor Calculation Inputs								
			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		218.41	250.09	(31.7)	22.22	(9.5)	NA	80.79	57.70	2.84
January 2007 February 2007 March 2007 April 2007 May 2007 June 2007 July 2007 August 2007 September 2007	Actual	15.4 18.3 14.0 12.6 11.4 10.8 34.6 15.0 10.8	17.0 19.1 15.0 13.3 12.4 12.2 37.5 16.8 12.0	(1.5) (0.7) (1.0) (0.7) (1.0) (1.4) (2.9) (1.8) (1.2)	0.4 0.4 0.3 1.2 1.1 1.1 5.7 2.4 1.6	(1.1) (0.3) (0.6) 0.5 0.1 (0.2) 2.8 0.7 0.4	NA NA NA NA NA NA NA	60.75 73.38 56.72 51.67 48.37 49.87 155.73 71.10 49.17	5.27 4.84 4.89 4.62 4.66 4.66 4.90 4.69 4.58	0.25 0.25 0.24 0.24 0.23 0.21 0.22 0.21
October 2007 November 2007 December 2007 Annual 2007	Actual Actual Actual	14.4 13.7 17.6 188.7	16.3 14.8 18.7 205.0	(2.0) (1.1) (1.1) (16.3)	1.0 0.8 1.1 17.2	(1.0) (0.2) (0.0) 0.9	NA NA NA	64.74 54.24 66.28 66.95	4.86 5.06 5.29 58.32	0.23 0.25 0.26 2.82
January 2008 February 2008 March 2008 April 2008 May 2008 June 2008 July 2008 August 2008 September 2008 October 2008 November 2008 December 2008 Annual 2008	Actual	20.2 14.8 19.6 29.7 22.0 16.2 14.8 19.2 20.2 19.4 19.6 20.3	20.3 15.4 20.0 27.5 21.7 16.9 15.0 18.8 20.3 20.8 19.5 21.5	(0.1) (0.7) (0.4) 2.3 0.3 (0.7) (0.1) 0.4 (0.1) (1.3) 0.2 (1.2) (1.4)	0.2 0.2 0.3 0.2 0.2 0.1 0.2 0.2 4.1 3.9 4.0	0.1 (0.5) (0.2) 2.5 0.5 (0.5) (0.0) 0.6 0.1 2.8 4.1 2.8	NA N	80.30 64.89 84.89 135.95 103.73 83.00 64.51 82.72 93.86 100.51 96.66 88.36 89.95	5.29 4.83 4.97 4.67 4.56 4.41 4.83 4.84 4.52 4.77 4.77 5.21	0.25 0.23 0.24 0.22 0.22 0.19 0.22 0.23 0.22 0.20 0.21 0.23 2.67
January 2009 February 2009 March 2009 April 2009 May 2009 June 2009 July 2009 August 2009 September 2009 October 2009 November 2009 December 2009	Actual	19.2 10.7 9.0 6.5 6.9 6.6 8.7 7.6 15.6 7.8 10.0	20.8 11.2 9.7 6.7 6.8 7.0 8.9 7.7 15.5 8.1 10.3 13.5	(1.6) (0.4) (0.7) (0.2) 0.1 (0.4) (0.3) (0.1) 0.1 (0.3) (0.3) (0.3)	0.1 0.1 0.1 0.1 0.1 0.0 0.0 0.0	(1.5) (0.4) (0.6) (0.2) 0.2 (0.3) (0.3) (0.1) 0.1 (0.1) (0.1)	NA	92.97 52.84 43.21 31.53 31.91 33.48 41.39 34.60 73.25 34.93 50.16 53.86	5.08 4.51 4.87 4.43 4.46 4.40 4.57 4.62 4.43 4.78 4.64 5.23	0.22 0.20 0.21 0.20 0.21 0.19 0.21 0.22 0.19 0.22 0.20 0.25
Annual 2009		122.1	126.2	(4.1)	1.3	(2.8)	NA	47.81	56.03	2.52