

CURRENT YEAR MONTHLY DETAIL

Alberta Electric System Operator Rider E Calibration Factor Calculation For The Second Quarter 2009

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2009 Second Quarter Calibration Factor % = $\frac{\text{Carryforward }_{\text{Dec 31 2008}} + [(\text{Cost of Losses} - \text{Loss Revenues}) - \text{Rider E Revenues}]_{\text{Jan 1 - Dec 31 2009}}}{[\text{Hourly Loss Factor Customer Volumes} \times \text{Hourly Pool Price}]_{\text{Apr-Dec, 2009}}}$

The following table provides a summary of the AESO's projected year-end losses account balance for Rider E for January to December 2009.

			Calibration Factor Calculation Inputs								
			Numerator Values D				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	2008					3.4					
January 2009	Actual	18.9	20.8	(2.0)	0.1	(1.8)	NA	92.97	5.04	0.21	
February 2009	Actual	10.5	11.2	(0.7)	0.1	(0.6)	NA NA	52.84	4.46	0.20	
March 2009	Forecast	12.5	12.7	(0.1)	0.1	(0.0)	NA NA	52.65	5.07	0.24	
April 2009	Forecast	10.6	10.5	0.1	0.0	0.1	232.72	47.74	4.77	0.22	
May 2009	Forecast	17.7	17.0	0.8	0.0	0.8	367.26	75.95	4.66	0.23	
June 2009	Forecast	9.1	9.5	(0.4)	0.0	(0.4)	212.57	44.27	4.58	0.20	
July 2009	Forecast	17.7	18.6	(0.9)	0.0	(0.9)	411.07	79.60	5.01	0.21	
August 2009	Forecast	18.2	19.3	(1.0)	0.0	(1.0)	419.70	80.19	4.97	0.22	
September 2009	Forecast	13.1	14.0	(0.8)	0.0	(0.8)	300.47	61.36	4.71	0.21	
October 2009	Forecast	10.2	10.7	(0.5)	0.0	(0.5)	245.46	47.42	4.98	0.21	
November 2009	Forecast	24.9	24.5	0.4	0.0	0.4	556.19	108.05	4.96	0.22	
December 2009	Forecast	30.7	30.7	(0.1)	0.0	(0.1)	684.16	122.67	5.39	0.24	
Annual 2009		194.1	199.3	(5.2)	0.3	(4.9)	3,429.61	72.38	58.61	2.61	
Total Balance						(1.5)	3,429.61				
Calibration Factor Calculation Outputs: Rider E Calibration Factor Q2 2009							(0.04%)	(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 2009, 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.

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

				Calibration Fa		Other before offer				
			Numerator Values				Denominator Value		Other Information	
			Revenues	Costs Less		Outstanding	Donominator Value			
			Collected	Revenue	Rider E	Variance	Monthly Loss Factor	Average	Monthly Loss	
	Data	Cost of	Loss	(Over Collected)	Refunded/	(Over Collected) /	Customer Volumes	Monthly	Factor Customer	Monthly Loss
Period	Source	Losses	Factors	/ Under Collected	(Collected)	Under Collected	× Pool Price	Pool Price	Volumes	Volumes
		\$ millions	\$ millions	\$ millions	\$ millions	\$ millions	\$ millions	\$/MWh	millions MWh	millions MWh
January 2006	Actual	19.3	20.9	(1.6)	0.0	(1.6)	NA	72.12	5.10	0.30
February 2006	Actual	12.8	14.3	(1.5)	0.0	(1.5)	NA	54.07	4.60	0.24
March 2006	Actual	11.6	12.7	(1.2)	0.0	(1.2)	NA	44.08	5.02	0.27
April 2006	Actual	9.0	10.7	(1.7)	0.1	(1.6)	NA	42.87	4.51	0.21
May 2006	Actual	13.9	14.9	(1.0)	0.2	(0.8)	NA	56.26	4.64	0.24
June 2006	Actual	13.6	15.5	(1.9)	0.2	(1.7)	NA	61.64	4.57	0.22
July 2006	Actual	27.8	31.6	(3.9)	5.0	1.1	NA	128.23	4.82	0.22
August 2006	Actual	17.2	20.0	(2.9)	2.9	0.0	NA	73.46	4.92	0.23
September 2006	Actual	17.6	20.9	(3.2)	3.1	(0.1)	NA	82.53	4.69	0.21
October 2006	Actual	35.2	40.7	(5.5)	5.1	(0.3)	NA	174.09	4.70	0.21
November 2006	Actual	23.7	27.8	(4.0)	3.3	(0.7)	NA	105.47	4.91	0.24
December 2006	Actual	17.5	20.1	(2.6)	2.3	(0.3)	NA	70.88	5.21	0.25
Annual 2006		219.1	250.1	(31.0)	22.2	(8.8)	NA	80.79	57.70	2.84
January 2007	Actual	15.4	17.0	(1.5)	0.4	(1.1)	NA	60.75	5.27	0.25
February 2007	Actual	18.3	19.1	(0.7)	0.4	(0.3)	NA	73.38	4.84	0.25
March 2007	Actual	14.0	15.0	(1.0)	0.3	(0.6)	NA	56.72	4.89	0.24
April 2007	Actual	12.6	13.3	(0.7)	1.2	0.5	NA	51.67	4.62	0.24
May 2007	Actual	11.4	12.4	(1.0)	1.1	0.1	NA	48.37	4.66	0.23
June 2007	Actual	10.8	12.2	(1.4)	1.1	(0.2)	NA	49.87	4.66	0.21
July 2007	Actual	34.6	37.5	(2.9)	5.7	2.8	NA	155.73	4.90	0.22
August 2007	Actual	15.0	16.8	(1.8)	2.4	0.7	NA	71.10	4.69	0.21
September 2007	Actual	10.8	12.0	(1.2)	1.6	0.4	NA	49.17	4.58	0.22
October 2007	Actual	14.4	16.3	(2.0)	1.0	(1.0)	NA	64.74	4.86	0.23
November 2007	Actual	13.7	14.8	(1.1)	8.0	(0.2)	NA	54.24	5.06	0.25
December 2007	Actual	17.6	18.7	(1.1)	1.1	(0.0)	NA	66.28	5.29	0.26
Annual 2007		188.6	205.0	(16.4)	17.2	0.8	NA	66.95	58.32	2.82
January 2008	Actual	20.2	20.3	(0.1)	0.2	0.1	NA	80.30	5.29	0.25
February 2008	Actual	14.8	15.4	(0.7)	0.2	(0.5)	NA	64.89	4.83	0.23
March 2008	Actual	19.6	20.0	(0.4)	0.2	(0.2)	NA	84.89	4.97	0.24
April 2008	Actual	29.7	27.5	2.3	0.3	2.5	NA	135.95	4.67	0.22
May 2008	Actual	22.0	21.7	0.3	0.2	0.5	NA	103.73	4.56	0.22
June 2008	Actual	16.2	16.9	(0.7)	0.2	(0.5)	NA	83.00	4.41	0.19
July 2008	Actual	14.8	15.0	(0.1)	0.1	(0.0)	NA	64.51	4.83	0.22
August 2008	Actual	19.1	18.8	0.3	0.2	0.5	NA	82.72	4.78	0.23
September 2008	Actual	20.1	20.3	(0.2)	0.2	0.0	NA	93.86	4.48	0.22
October 2008	Actual	19.4	20.8	(1.4)	4.1	2.7	NA	100.51	4.74	0.20
November 2008	Actual	19.7	19.5	0.2	3.9	4.1	NA	96.66	4.73	0.21
December 2008	Actual	19.6	21.5	(2.0)	4.0	2.1	NA	88.36	5.15	0.22
Annual 2008		235.2	237.6	(2.4)	13.7	11.3	NA	89.95	57.44	2.67