

July 30, 2012

To Market Participants Who Receive System Access Service to Which Rider E Applies, Under:

- Demand Opportunity Service Rate DOS;
- Export Opportunity Service Rate XOS;
- Supply Transmission Service Rate STS; and
- Import Opportunity Service Rate IOS

Dear Loss Factor Stakeholders:

Re: Updated Losses Calibration Factor Rider E for Third Quarter of 2012

On June 28, 2012, the AESO advised stakeholders that it would maintain the Q2 calibration factor of -0.36% during the month of July 2012 and would publish an updated Q3 calibration factor on or before July 31, 2012. The AESO has now completed its investigation of issues that prompted that decision, and has determined that a Q3 calibration factor of -0.90% will apply during August and September 2012. The calculation of the Q3 calibration factor is provided on the attached pages.

The issues that prompted the earlier decision arose from changes in total loss volumes that did not appear to correlate with any system changes. The AESO has determined that post-final restated metering data was not propagating through the AESO's systems after final settlement to the calibration factor calculations. Some large post-final data adjustments from 2010 and 2011 which occurred earlier in 2012 resulted in the apparent lack of correlation. The data used for the calibration factor calculations has been fully updated, such that total loss volume changes now correlate with system changes such as the impacts of the shutdown of Sundance 1 and 2 units in late 2010 and the high hydro production and high import volumes that have occurred to date during 2011-2012.

The AESO has also recalculated the 2012 loss factors for all loss factor sites in accordance with the requirements of ISO rule Section 9.2.2(b), as explained in information posted on the <u>Current Loss Factors</u> page for 2012. The loss factor recalculation is required because the system average loss has changed by more than 5% due to the effects of the Sundance units shutdown and high hydro and import volumes.

The updated Q3 calibration factor has been determined using the new recalculated loss factors as well as the updated data discussed above. For greater clarity, the updated Q3 calibration factor of -0.90% will apply from August 1 to September 30, 2012. The prior calibration factor of -0.36% will continue to apply from July 1 to July 31, as well as during the second quarter months of April, May, and June, 2012.

If you have any questions, please contact lossfactor@aeso.ca.

Yours truly,

[original signed by]

Fred Ritter, P. Eng. Chief Engineer

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Confidentiality: Public



Alberta Electric System Operator **Rider E Calibration Factor Calculation** For The Third Quarter of 2012

CURRENT YEAR MONTHLY DETAIL

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2012 Third Quarter Calibration Factor % = $\frac{\text{Carryforward}_{\text{Dec 31 2011}} + [(\text{Cost of Losses} - \text{Loss Revenues}) - \text{Rider E Revenues}]_{\text{Jan 1 - Dec 31 2012}}}{[\text{Hourly Loss Factor Customer Volumes x Hourly Pool Price]}_{\text{Aug 1 - Dec 31, 2012}}}$

The following table provides a summary of the AESO's projected year-end losses account balance for Rider E for January to December 2012.

			Calibration Factor Calculation Inputs							
					Other Information					
			Numerator Values				Denominator Value			
			Revenues	Costs Less		Outstanding				
			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
Carryforward Dec 31 2011						(13.9)				
January 2012	Actual	17.1	19.2	(2.1)	(0.0)	(2.1)	NA	84.54	5.15	0.20
February 2012	Actual	8.7	8.8	(0.0)	(0.0)	(0.1)	NA	43.67	4.78	0.19
March 2012	Actual	9.6	10.4	(0.8)	(0.0)	(0.8)	NA	51.08	4.91	0.19
April 2012	Actual	6.8	7.7	(0.9)	0.7	(0.2)	NA	41.69	4.57	0.17
May 2012	Actual	5.4	5.8	(0.4)	0.5	0.1	NA	29.46	4.58	0.18
June 2012	Forecast	8.5	9.6	(1.2)	0.8	(0.4)	NA	46.70	4.62	0.17
July 2012	Forecast	17.6	18.8	(1.3)	1.6	0.3	NA	87.70	4.86	0.18
August 2012	Forecast	16.1	14.7	1.4	0.0	1.4	421.20	81.31	4.90	0.19
September 2012	Forecast	9.1	8.6	0.5	0.0	0.5	242.94	48.54	4.83	0.18
October 2012	Forecast	9.8	9.4	0.4	0.0	0.4	258.91	51.65	4.99	0.19
November 2012	Forecast	6.6	6.4	0.2	0.0	0.2	182.09	34.34	5.17	0.19
December 2012	Forecast	14.3	13.0	1.3	0.0	1.3	369.73	67.08	5.31	0.21
Annual 2012		129.5	132.3	(2.8)	3.5	0.7	1,474.88	55.65	58.68	2.24
Total Balance						(13.2)	1,474.88			
Calibration Factor Calculation Outputs: Rider E Calibration Factor 03 2012 (to be applied in Aug-Sep 2012)							(0.90%)	(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. 1.

If the Rider E Calibration Factor for Q3 remained in place during the months August to December, it would collect the variance between cost of losses and revenues by the end 2. of 2012, 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 3. 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. 4.

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 5. obtained by using the monthly values presented.

6. Numbers may not add due to rounding.

7. "NA" means "not applicable".

The revenue, cost and Rider E amounts are shown on a production month basis. 8.

9. The following system level metering adjustments have occurred in 2012 and have been incorporated into Rider E consistent with the methodology pertaining to the allocation of outstanding variances.

• a refund of \$5.4 million related to January to August 2011 allocated over Q1 to Q4 in 2012 (first incorporated into Rider E in Q1),

• a refund of \$0.5 million related to December 2009 to December 2010 allocated over Q2 to Q4 in 2012, and

• a refund of \$4.1 million related to December 2010 to October 2011 allocated over Q2 to Q4 in 2012.

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 2011.

Alberta Electric System Operator Rider E Calibration Factor Calculation For The Third Quarter of 2012 Page 3 of 3

Numerator Values Determinator Values Determinator Values Data Cost of Surce Loss Cost Less Rider det Revenues Cost colspan="6">Refunded' (Over Collected) Detominator Value Monthly Loss Average Monthly Loss A			Calibration Factor Calculation Inputs								
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S millions S milli	Period	Source	Losses	Factors	/ Under Collected	(Collected)	Under Collected	× Pool Price	Pool Price	Volumes	Volumes
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September 2009 Actual 15.5 15.5 0.0 0.0 0.0 NA 73.25 4.43 0.19 October 2009 Actual 7.7 8.1 (0.3) 0.2 (0.1) NA 34.93 4.78 0.20 December 2009 Actual 10.0 10.3 (0.3) 0.3 0.0 NA 50.16 4.64 0.20 December 2009 Actual 13.3 13.5 (0.2) 0.3 0.2 NA 53.86 5.23 0.25 January 2010 Actual 11.3 10.6 0.7 0.3 1.0 NA 43.43 5.11 0.26 January 2010 Actual 19.9 9.7 1.3 0.3 1.6 NA 43.43 5.11 0.26 March 2010 Actual 8.7 8.2 0.5 0.3 0.7 NA 35.31 4.86 0.24 June 2010 Actual 8.7 8.2 0.5 0.3 0.7	August 2009	Actual	7.5	7.7	(0.2)	0.0	(0.2)	NA	34.60	4.62	0.22
October 2009 Actual 7.7 8.1 (0.3) 0.2 (0.1) NA 34.93 4.78 0.22 November 2009 Actual 10.0 10.3 (0.3) 0.3 (0.0) NA 50.16 4.64 0.20 Annual 2009 121.6 126.2 (4.7) 1.3 (3.4) NA 43.43 5.11 0.25 January 2010 Actual 10.9 9.7 1.3 0.3 1.0 N/A 43.43 5.11 0.26 February 2010 Actual 10.9 9.7 1.3 0.3 1.6 N/A 43.43 5.11 0.26 March 2010 Actual 8.7 8.2 0.5 0.3 0.7 N/A 43.43 5.11 0.26 0.3 N/A 43.43 5.11 0.26 0.3 N/A 43.43 5.11 0.26 0.3 N/A 43.43 5.11 0.20 0.3 N/A 43.43 5.12 0.3 N/A <t< td=""><td>September 2009</td><td>Actual</td><td>15.5</td><td>15.5</td><td>(0.0)</td><td>0.0</td><td>(0.0)</td><td>NA</td><td>73.25</td><td>4.43</td><td>0.19</td></t<>	September 2009	Actual	15.5	15.5	(0.0)	0.0	(0.0)	NA	73.25	4.43	0.19
November 2009 December 2009 Actual Actual 10.0 10.3 (0.3) 0.3 (0.0) NA 50.16 4.64 0.20 Annual 2009 Actual 13.3 13.5 (0.2) 0.3 0.2 NA 53.86 5.23 0.25 Annual 2009 121.6 126.2 (4.7) 1.3 (3.4) NA 43.43 51.11 0.26 January 2010 Actual 10.9 9.7 1.3 0.3 1.6 N/A 43.43 51.11 0.26 February 2010 Actual 8.7 8.2 0.5 0.3 0.7 N/A 43.90 4.59 0.25 March 2010 Actual 9.7 10.0 (0.4) 0.2 (0.2) N/A 43.46 0.18 0.18 June 2010 Actual 11.3 11.1 0.1 0.2 0.3 N/A 43.69 4.46 0.18 June 2010 Actual 8.4 8.5 (0.1) (0.7) (0.9)	October 2009	Actual	7.7	8.1	(0.3)	0.2	(0.1)	NA	34.93	4.78	0.22
December 2009 Actual 13.3 13.5 (0.2) 0.3 0.2 NA 53.86 5.2.3 0.25 Annual 2009 121.6 126.2 (4.7) 1.3 (3.4) NA 47.84 56.03 2.52 January 2010 Actual 11.3 10.6 0.7 0.3 1.0 NA 43.43 5.11 0.26 February 2010 Actual 10.9 9.7 1.3 0.3 0.6 NA 43.43 5.11 0.26 March 2010 Actual 8.7 8.2 0.5 0.3 0.7 NA 43.39 4.59 0.25 March 2010 Actual 9.7 10.0 (0.4) 0.2 (0.2) NA 49.71 4.48 0.19 May 2010 Actual 23.8 25.4 (1.7) 0.5 (1.2) NA 134.69 4.46 0.18 June 2010 Actual 8.4 8.5 (0.1) (0.7) (0.9) NA	November 2009	Actual	10.0	10.3	(0.3)	0.3	(0,0)	NA	50.16	4 64	0.20
Documentation Data (b)	December 2009	Actual	13.3	13.5	(0.2)	0.3	0.2	NA	53.86	5.23	0.25
January 2010 Actual 11.3 10.6 0.7 0.3 1.0 N/A 43.43 5.11 0.26 January 2010 Actual 10.9 9.7 1.3 0.3 1.6 N/A 43.43 5.11 0.26 March 2010 Actual 8.7 8.2 0.5 0.3 0.7 N/A 35.31 4.86 0.24 April 2010 Actual 9.7 10.0 (0.4) 0.2 (0.2) N/A 43.43 5.11 0.26 March 2010 Actual 9.7 10.0 (0.4) 0.2 (0.2) N/A 43.43 5.11 4.86 0.24 May 2010 Actual 23.8 25.4 (1.7) 0.5 (1.2) N/A 43.43 5.1 0.20 July 2010 Actual 8.4 8.5 (0.1) (0.7) (0.9) N/A 40.01 4.66 0.21 August 2010 Actual 8.7 8.5 0.2 (0.7) (0.6) N/A 36.64 4.69 0.22 July 2010 Actu	Annual 2009	, lotadi	121.6	126.2	(4.7)	1.3	(3.4)	NA	47.84	56.03	2.52
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Periodary 2010 Actual 10.9 9.7 1.3 0.3 1.6 NA 43.90 4.59 0.25 March 2010 Actual 8.7 8.2 0.5 0.3 0.7 NA 35.31 4.86 0.24 April 2010 Actual 9.7 10.0 (0.4) 0.2 (0.2) NA 35.31 4.86 0.24 May 2010 Actual 23.8 25.4 (1.7) 0.5 (1.2) NA 134.69 4.46 0.18 June 2010 Actual 11.3 11.1 0.1 0.2 0.3 NA 57.27 4.47 0.20 July 2010 Actual 8.4 8.5 (0.1) (0.7) (0.9) NA 40.01 4.66 0.21 August 2010 Actual 8.7 8.5 0.2 (0.7) (0.6) NA 38.64 4.69 0.22 September 2010 Actual 10.8 10.7 0.1 (1.2) (1.1) NA 38.92 4.50 0.23 November 2010 Actual	January 2010	Actual	11.3	10.6	0.7	0.3	1.0	IN/A	43.43	5.11	0.26
March 2010 Actual 8.7 6.2 0.3 0.7 N/A 35.31 4.86 0.24 April 2010 Actual 9.7 10.0 (0.4) 0.2 (0.2) N/A 49.71 4.48 0.19 May 2010 Actual 23.8 25.4 (1.7) 0.5 (1.2) N/A 134.69 4.46 0.18 June 2010 Actual 11.3 11.1 0.1 0.2 0.3 N/A 57.27 4.47 0.20 July 2010 Actual 8.4 8.5 (0.1) (0.7) (0.9) N/A 40.01 4.66 0.21 August 2010 Actual 8.7 8.5 0.2 (0.7) (0.6) N/A 38.64 4.69 0.22 September 2010 Actual 8.7 8.5 0.2 (0.7) (0.5) N/A 38.64 4.69 0.22 September 2010 Actual 7.0 6.8 0.2 (0.7) (0.5) N/A 30.92 4.76 0.23 November 2010 Actual 10.8	Pedruary 2010	Actual	10.9	9.7	1.3	0.3	1.0	N/A	43.90	4.59	0.25
April 2010 Actual 9.7 10.0 (0.4) 0.2 (0.2) N/A 49.71 4.48 0.19 May 2010 Actual 23.8 25.4 (1.7) 0.5 (1.2) N/A 134.69 4.46 0.18 June 2010 Actual 11.3 11.1 0.1 0.2 0.3 N/A 57.27 4.47 0.20 July 2010 Actual 8.4 8.5 (0.1) (0.7) (0.9) N/A 40.01 4.66 0.21 August 2010 Actual 8.7 8.5 0.2 (0.7) (0.6) N/A 38.64 4.69 0.22 September 2010 Actual 6.5 6.1 0.4 (0.5) (0.1) N/A 28.42 4.56 0.23 October 2010 Actual 10.8 10.7 0.1 (1.2) (1.1) N/A 48.09 5.00 0.23 December 2010 Actual 14.2 13.7 0.5 (1.6) (1.0) N/A 58.89 5.30 0.24 Annual 2010 131.2<	March 2010	Actual	8.7	8.2	0.5	0.3	0.7	IN/A	35.31	4.86	0.24
May 2010 Actual 23.8 25.4 (1.7) 0.5 (1.2) N/A 134.69 4.46 0.18 June 2010 Actual 11.3 11.1 0.1 0.2 0.3 N/A 57.27 4.47 0.20 July 2010 Actual 8.4 8.5 (0.1) (0.7) (0.9) N/A 40.01 4.66 0.21 August 2010 Actual 8.7 8.5 0.2 (0.7) (0.6) N/A 38.64 4.69 0.22 September 2010 Actual 6.5 6.1 0.4 (0.5) (0.1) N/A 28.42 4.56 0.23 October 2010 Actual 10.8 10.7 0.1 (1.2) (1.1) N/A 48.09 5.00 0.23 November 2010 Actual 14.2 13.7 0.5 (1.6) (1.0) N/A 48.09 5.00 0.23 December 2010 Actual 14.2 13.7 0.5 (1.6) (1.0) N/A 50.77 56.96 2.67 January 2011	April 2010	Actual	9.7	10.0	(0.4)	0.2	(0.2)	IN/A	49.71	4.48	0.19
June 2010 Actual 11.3 11.1 0.1 0.2 0.3 N/A 57.27 4.47 0.20 July 2010 Actual 8.4 8.5 (0.1) (0.7) (0.9) N/A 40.01 4.66 0.21 August 2010 Actual 8.7 8.5 0.2 (0.7) (0.6) N/A 38.64 4.69 0.22 September 2010 Actual 6.5 6.1 0.4 (0.5) (0.1) N/A 28.42 4.56 0.23 October 2010 Actual 7.0 6.8 0.2 (0.7) (0.5) N/A 30.92 4.76 0.23 November 2010 Actual 10.8 10.7 0.1 (1.2) (1.1) N/A 48.09 5.00 0.23 December 2010 Actual 14.2 13.7 0.5 (1.6) (1.0) N/A 50.77 56.96 2.67 January 2011 Actual 17.1 16.6 0.5 0.2	May 2010	Actual	23.8	25.4	(1.7)	0.5	(1.2)	N/A	134.69	4.46	0.18
July 2010 Actual 8.4 8.5 (0.1) (0.7) (0.9) N/A 40.01 4.66 0.21 August 2010 Actual 8.7 8.5 0.2 (0.7) (0.6) N/A 38.64 4.69 0.22 September 2010 Actual 6.5 6.1 0.4 (0.5) (0.1) N/A 28.42 4.56 0.23 October 2010 Actual 7.0 6.8 0.2 (0.7) (0.5) N/A 30.92 4.76 0.23 November 2010 Actual 10.8 10.7 0.1 (1.2) (1.1) N/A 48.09 5.00 0.23 December 2010 Actual 14.2 13.7 0.5 (1.6) (1.0) N/A 58.89 5.30 0.24 Annual 2010 131.2 129.5 1.7 (3.6) (1.9) NA 50.77 56.96 2.67 January 2011 Actual 17.1 16.6 0.5 0.2 0.7 N/A 79.05 5.19 0.22 February 2011 Actual	June 2010	Actual	11.3	11.1	0.1	0.2	0.3	N/A	57.27	4.47	0.20
August 2010 Actual 8.7 8.5 0.2 (0.7) (0.6) N/A 38.64 4.69 0.22 September 2010 Actual 6.5 6.1 0.4 (0.5) (0.1) N/A 28.42 4.56 0.23 October 2010 Actual 7.0 6.8 0.2 (0.7) (0.5) N/A 30.92 4.76 0.23 November 2010 Actual 10.8 10.7 0.1 (1.2) (1.1) N/A 48.09 5.00 0.23 December 2010 Actual 14.2 13.7 0.5 (1.6) (1.0) N/A 58.89 5.30 0.24 Annual 2010 131.2 129.5 1.7 (3.6) (1.9) NA 50.77 56.96 2.67 January 2011 Actual 17.1 16.6 0.5 0.2 0.7 N/A 79.05 5.19 0.22 February 2011 Actual 22.7 21.9 0.8 0.2 1.0 N/A 122.45 4.66 0.18 March 2011 Actual <	July 2010	Actual	8.4	8.5	(0.1)	(0.7)	(0.9)	N/A	40.01	4.66	0.21
September 2010 Actual 6.5 6.1 0.4 (0.5) (0.1) N/A 28.42 4.56 0.23 October 2010 Actual 7.0 6.8 0.2 (0.7) (0.5) N/A 30.92 4.76 0.23 November 2010 Actual 10.8 10.7 0.1 (1.2) (1.1) N/A 48.09 5.00 0.23 December 2010 Actual 14.2 13.7 0.5 (1.6) (1.0) N/A 58.89 5.30 0.24 Annual 2010 131.2 129.5 1.7 (3.6) (1.9) NA 50.77 56.96 2.67 January 2011 Actual 17.1 16.6 0.5 0.2 0.7 N/A 79.05 5.19 0.22 February 2011 Actual 10.4 10.2 0.2 1.0 N/A 122.45 4.66 0.18 March 2011 Actual 10.4 10.2 0.2 0.1 0.3 N/A	August 2010	Actual	8.7	8.5	0.2	(0.7)	(0.6)	N/A	38.64	4.69	0.22
October 2010 Actual 7.0 6.8 0.2 (0.7) (0.5) N/A 30.92 4.76 0.23 November 2010 Actual 10.8 10.7 0.1 (1.2) (1.1) N/A 48.09 5.00 0.23 December 2010 Actual 14.2 13.7 0.5 (1.6) (1.0) N/A 58.89 5.30 0.24 Annual 2010 131.2 129.5 1.7 (3.6) (1.9) NA 50.77 56.96 2.67 January 2011 Actual 17.1 16.6 0.5 0.2 0.7 N/A 79.05 5.19 0.22 February 2011 Actual 22.7 21.9 0.8 0.2 1.0 N/A 122.45 4.66 0.18 March 2011 Actual 10.4 10.2 0.2 0.1 0.3 N/A 48.52 5.15 0.21 April 2011 Actual 10.4 10.2 0.2 0.1 0.3	September 2010	Actual	6.5	6.1	0.4	(0.5)	(0.1)	N/A	28.42	4.56	0.23
November 2010 Actual 10.8 10.7 0.1 (1.2) (1.1) N/A 48.09 5.00 0.23 December 2010 Actual 14.2 13.7 0.5 (1.6) (1.0) N/A 58.89 5.30 0.24 Annual 2010 131.2 129.5 1.7 (3.6) (1.9) NA 50.77 56.96 2.67 January 2011 Actual 17.1 16.6 0.5 0.2 0.7 N/A 79.05 5.19 0.22 February 2011 Actual 22.7 21.9 0.8 0.2 1.0 N/A 122.45 4.66 0.18 March 2011 Actual 10.4 10.2 0.2 0.1 0.3 N/A 48.52 5.15 0.21	October 2010	Actual	7.0	6.8	0.2	(0.7)	(0.5)	N/A	30.92	4.76	0.23
December 2010 Actual 14.2 13.7 0.5 (1.6) (1.0) N/A 58.89 5.30 0.24 Annual 2010 131.2 129.5 1.7 (3.6) (1.9) NA 50.77 56.96 2.67 January 2011 Actual 17.1 16.6 0.5 0.2 0.7 N/A 79.05 5.19 0.22 February 2011 Actual 22.7 21.9 0.8 0.2 1.0 N/A 122.45 4.66 0.18 March 2011 Actual 10.4 10.2 0.2 0.1 0.3 N/A 48.52 5.15 0.21	November 2010	Actual	10.8	10.7	0.1	(1.2)	(1.1)	N/A	48.09	5.00	0.23
Annual 2010 131.2 129.5 1.7 (3.6) (1.9) NA 50.77 56.96 2.67 January 2011 Actual 17.1 16.6 0.5 0.2 0.7 N/A 79.05 5.19 0.22 February 2011 Actual 22.7 21.9 0.8 0.2 1.0 N/A 122.45 4.66 0.18 March 2011 Actual 10.4 10.2 0.2 0.1 0.3 N/A 48.52 5.15 0.21 Anril 2011 Actual 9.4 9.1 0.3 (1.4) (1.1) N/A 52.23 4.50 0.18	December 2010	Actual	14.2	13.7	0.5	(1.6)	(1.0)	N/A	58.89	5.30	0.24
January 2011 Actual 17.1 16.6 0.5 0.2 0.7 N/A 79.05 5.19 0.22 February 2011 Actual 22.7 21.9 0.8 0.2 1.0 N/A 122.45 4.66 0.18 March 2011 Actual 10.4 10.2 0.2 0.1 0.3 N/A 48.52 5.15 0.21 April 2011 Actual 9.4 9.1 0.3 (1.4) (1.1) N/A 52.23 4.50 0.18	Annual 2010		131.2	129.5	1.7	(3.6)	(1.9)	NA	50.77	56.96	2.67
February 2011 Actual 22.7 21.9 0.8 0.2 1.0 N/A 122.45 4.66 0.18 March 2011 Actual 10.4 10.2 0.2 0.1 0.3 N/A 48.52 5.15 0.21 April 2011 Actual 9.4 9.1 0.3 (1.4) (1.1) N/A 52.23 4.50 0.18	January 2011	Actual	17.1	16.6	0.5	0.2	0.7	N/A	79.05	5.19	0.22
March 2011 Actual 10.4 10.2 0.2 0.1 0.3 N/A 48.52 5.15 0.21 April 2011 Actual 9.4 9.1 0.3 (1.4) (1.1) N/A 52.23 4.50 0.18	February 2011	Actual	22.7	21.9	0.8	0.2	1.0	N/A	122.45	4.66	0.18
April 2011 Actual 9.4 9.1 0.3 (1.4) (1.1) N/A 52.23 4.50 0.18	March 2011	Actual	10.4	10.2	0.2	0.1	0.3	N/A	48.52	5.15	0.21
	April 2011	Actual	9.4	9.1	0.3	(1.4)	(1.1)	N/A	52.23	4.50	0.18
May 2011 Actual 6.3 6.3 0.0 (0.9) (0.9) N/A 32.27 4.49 0.19	May 2011	Actual	6.3	6.3	0.0	(0.9)	(0.9)	N/A	32.27	4.49	0.19
June 2011 Actual 14.4 13.4 1.0 (2.0) (1.0) N/A 71.85 4.52 0.19	June 2011	Actual	14.4	13.4	1.0	(2.0)	(1.0)	N/A	71.85	4.52	0.19
July 2011 Actual 14.4 14.2 0.2 (0.2) (0.0) N/A 61.21 4.76 0.21	July 2011	Actual	14.4	14.2	0.2	(0.2)	(0.0)	N/A	61.21	4.76	0.21
August 2011 Actual 25.8 28.3 (2.5) (0.5) (3.0) N/A 126.36 4.80 0.20	August 2011	Actual	25.8	28.3	(2.5)	(0.5)	(3.0)	N/A	126.36	4.80	0.20
September 2011 Actual 20.5 21.4 (0.8) (0.3) (1.2) N/A 96.57 4.61 0.19	September 2011	Actual	20.5	21.4	(0.8)	(0.3)	(1.2)	N/A	96.57	4.61	0.19
October 2011 Actual 13.1 15.1 (2.0) 1.0 (1.0) N/A 69.75 4.73 0.19	October 2011	Actual	13.1	15.1	(2.0)	1.0	(1.0)	N/A	69.75	4.73	0.19
November 2011 Actual 22.0 25.5 (3.5) 1.7 (1.8) N/A 108.24 4.93 0.20	November 2011	Actual	22.0	25.5	(3.5)	1.7	(1.8)	N/A	108.24	4.93	0.20
December 2011 Actual 10.0 12.3 (2.3) 0.8 (1.5) N/A 51.26 5.05 0.20	December 2011	Actual	10.0	12.3	(2.3)	0.8	(1.5)	N/A	51.26	5.05	0.20
Annual 2011 186.2 194.2 (8.0) (1.3) (9.3) NA 76.65 57.40 2.37	Annual 2011		186.2	194.2	(8.0)	(1.3)	(9.3)	NA	76.65	57.40	2.37

Carryforward Dec 31 2011