



June 2, 2006

Alberta Energy and Utilities Board
5th Floor, 640 - 5th Avenue S.W.
Calgary, Alberta
T2P 3G4

Attention: Mr. Chris Burt
Application Officer

Dear Sir:

**RE: ATCO Electric Ltd. 2006 Rider G and Rider Q Application No. 1460317
Information Responses**

Please find attached ATCO Electric Ltd. 2006 Rider G and Rider Q Application information responses to the Board and REA-AAMDC.

Should you have any questions, please contact the undersigned at (780) 420-5501.

Sincerely,

Original Signed by Satar Parhar

Satar Parhar, P. Eng.
Manager, Electric Pricing

SP/jm
Att.



ATCO ELECTRIC
2006 Rider Application No. 1460317

Information Response No. 1 To:
The Alberta Energy and Utilities Board
Received: May 23, 2006

BR-ATCO-1

Reference: 2006 Rider G Proposal
Component C. 2005 Rider G Residual page 4

Preamble: AE indicated that the shortfall associated with the greater than 2MW customer is \$0.209M.

Request:

- (a) For greater transparency, please provide a table showing all the amounts used to arrive at the \$0.209M shortfall, including the original amount, legal costs, interest, etc.

Response:

- (a) Please refer to the Table 1 on the next page.

Table 1: Summary of shortfall amounts from litigated customer

Item	Reference	Amount
Amount originally owed to ATCO Electric from litigated customer	Refer to Schedule A.4, page 4 of 11 from 2004 Rider Application updated on March 17, 2004	\$252,969
Legal fees & other (printing)		\$54,729
Difference in carrying costs between the amount that was originally applied for in the 2004 Rider G and the revised amount.	Refer to Schedule A.4, Appendix A, Page 4 of 14, Columns B and D.	\$1,000
Sub total		\$308,698
Less amount paid to ATCO Electric as a result of negotiated settlement		(\$100,000)
Total Amount Outstanding Component C	Refer to Schedule A.4, Appendix A, Page 4 of 14, Column E.	\$208,698

ATCO ELECTRIC
2006 Rider Application No. 1460317

Information Response No. 1 To:
The Alberta Energy and Utilities Board
Received: May 23, 2006

BR-ATCO-2

Reference: 2006 Rider G Proposal
Rider Q Collection/Refund Methodology page 11

Preamble: The determination of customer eligibility for dispensing its RROT outstanding account balance is based on the same manner in which it has been done in previous RROT deferral account applications. ATCO Electric is proposing to determine customer eligibility based on the inventory of its RROT customers on December 31, 2003.

Request:

- (a) The Board wishes to understand what customers will receive the 2006 Rider Q amounts. Please confirm that if on December 31, 2003, a customer was receiving RRT service, and if the same customer is receiving RRT service on August 1, 2006, this customer would receive the 2006 Rider Q. If AE is not able to confirm, please describe the customers relative to December 31, 2003 that will receive the 2006 Rider Q, (i.e. is Rider Q allocated by site ID).
- (b) If an RRT customer has left RRT service between December 31, 2003 and August 1, 2006 (i.e. switched to an unregulated provider) are they able to avoid the 2006 Rider Q? Please explain.
- (c) Please reconcile and explain the differences between the customer numbers and energy purchases shown in Table 2003 and Table 2004 of Schedule C1 from AE's 2005 Rider Application (#1400712), with the customer numbers and energy purchases shown in Schedule A9 and A12 of this Application.

Response:

- (a) Confirmed. If the active customer (**site**) on December 31, 2003 was receiving RRT service, and continues to receive RRT service, then that customer (site) would receive the 2006 Rider Q.

- (b) The customer (**site**) would not be exempted from receiving Rider G if the site left RRT service sometime between December 31, 2005 and August 1, 2006 and switched to an unregulated retailer. This proposal is consistent with the approaches approved by the Board for the disposition of the RRT deferral accounts in the past.

- (c) Energy numbers are different between Schedules A9 and A12 and Table 2003 and Table 2004 from Schedule C1 because Schedules A9 and A12 use RROT purchases for allocation purposes whereas Schedule C1 is referencing RROT revenues; the difference is explained by line losses and UFE.

With respect to customer numbers, the numbers reconcile except for lights and irrigation where cost of service uses different customer numbers for allocation purposes; these differences are consistent with previously approved methodologies.

Finally, the 2003 residential customer count in Schedule A9 is incorrect and has been corrected to agree with Table 2003 from Schedule C1 from the 2005 Rider Application. The correction has been flowed through to all impacted Schedules and is shown per the attached. Rate impact schedules have also been updated with this change and the change that was made in ATCO Electric's letter to the Board on May 19, 2006.

ATCO Electric
2003 RRO Forecast Costs

RRO Cost Summary

	Actual 2003 RRO (\$000)
Customer Accounting Costs	
Customer Billing Expenses	1,515.9
Call Center Services	1,497.8
Credit and Collections	1,790.2
Customer Billing and Accounting (Credit Mgt System)	136.5
Collection of Revenue	-
Bad Debt	1,429.5
Penalty Revenue	(989.0)
Total Customer Accounting Costs	<u>5,380.9</u>
Additional Administrative Costs	
Pool Price Flow-Through System Changes	194.5
RRO Regulatory and Deferral Account Management	157.3
Necessary Working Capital	650.0
Management Fees	-
Share of DT Fixed Costs and Overhead	1,175.0
2003 RRO Hearing Costs	-
Trading Fees	217.0
Total Additional Administrative Costs	<u>2,393.8</u>
Total Non-Energy Revenue Requirement	<u><u>7,774.7</u></u>

ATCO Electric
2003 RRO Forecast Costs

	----- Additional Administrative Costs -----											
	Customer Accounting Costs (\$000)	Share of DT Fixed Costs & Overhead (\$000)	Trading Fees (\$000)	Pool Price Flow-Through System Changes (\$000)	RRO Regulatory & Deferral Account Management (\$000)	Working Capital (\$000)	Management Fees (\$000)	2003 RRO Hearing Costs (\$000)	Total Additional Administrative Costs (\$000)	Fixed Customer Charge (\$000)	Variable Charge (\$000)	Total RRO Costs (\$000)
By RRO Rate Class	5,380.9	1,175.0	217.0	194.5	157.3	650.0	-	-	2,393.8	6,555.9	1,218.8	7,774.7
Residential	4,256.3	816.2	92.8	83.2	67.3	278.1	-	-	1,337.6	5,072.6	521.4	5,594.0
General Service	596.1	123.7	52.9	47.4	38.3	158.4	-	-	420.7	719.8	297.0	1,016.8
Industrial	27.2	5.5	18.3	16.4	13.3	54.9	-	-	108.4	32.7	102.9	135.6
Oilfields	23.5	7.0	5.3	4.8	3.9	16.0	-	-	37.0	30.6	30.0	60.6
Company Farm	211.0	121.4	29.3	26.2	21.2	87.6	-	-	285.7	332.3	164.3	496.7
REA Farm	128.9	74.2	17.3	15.5	12.6	51.9	-	-	171.5	203.1	97.3	300.4
Street Light	7.5	1.4	0.3	0.3	0.2	0.9	-	-	3.1	8.9	1.7	10.6
Sentinel Light	130.2	25.3	0.4	0.4	0.3	1.2	-	-	27.6	155.5	2.3	157.8
Irrigation	0.2	0.2	0.3	0.3	0.2	1.0	-	-	2.1	0.5	1.8	2.3
Total	5,380.9	1,175.0	217.0	194.5	157.3	650.0	-	-	2,393.8	6,555.9	1,218.8	7,774.7

Fixed Customer Charge includes:

- Customer Accounting Costs
- Share of DT Fixed Costs & Overhead

Variable Charge includes:

- Pool Price Flow-Through System Changes
- RRO Regulatory and Deferral Account Management
- Working Capital
- Management Fees
- 2003 RRO Hearing Costs
- Trading Fees

ATCO Electric
2003 RRO Forecast Costs

This page tabulates 2003 RRO Number of Customers and Energy Purchases

	2003 No of	2003 Total	2003 No of	2003 No of	Total Energy	Total Energy	No. of RRO
	D-Tariff	D-Tariff	RRO	RRO	Purchases for	Purchases for	Bills After
By RRO Rate Class	Customers	Energy Sale	Customers	Customers	RRO	RRO	Consolidated
	(No.)	(MWh)	(No.)	(No.)	(MWh)	(\$000)	Billing (1)
Residential	113,606	819,967	115,034	1,380,410	844,770	58,322	1,380,410
General Service	20,648	641,190	17,436	209,231	481,209	33,327	193,329
Industrial	4,604	7,046,195	771	9,256	166,798	10,772	8,821
Oilfields	8,478	393,119	994	11,922	48,564	3,140	7,630
Company Farm	17,968	254,978	17,104	205,253	266,256	18,175	68,418
REA Farm	11,734	134,922	10,452	125,427	157,718	10,766	41,809
Street Light	772	20,215	203	2,432	2,732	153	2,420
Sentinel Light	4,055	4,794	3,565	42,785	3,684	207	42,229
Irrigation	35	2,059	35	416	2,985	177	69
Total Distribution	181,900	9,317,440	165,594	1,987,132	1,974,717	135,038.3	1,745,136

Notes (1) Percent of bills that are consolidated to be part of another bill and number of bills sent out each year are based on the following:

	Percent Consolidated	# Bills per Year
Residential	0.0%	12.0
Company Farm	0.0%	4.0
REA	0.0%	4.0
General Service	7.6%	12.0
Irrigation	0.0%	2.0
Industrial	4.7%	12.0
Oilfields	36.0%	12.0
Street Light	0.5%	12.0
Sentinel Light	1.3%	12.0

ATCO Electric
Compare RROT Revenues to Costs
(\$000)

2003	Customer			Variable			Total			Carrying Costs	Refund/ (Collection)
	Revenue	Costs	Difference	Revenue	Costs	Difference	Revenue	Costs	Difference		
By RRO Rate Class											
Residential	2,539.7	5,072.6	(2,532.9)	970.5	521.4	449.1	3,510.1	5,594.0	(2,083.8)	(365.9)	(2,449.7)
General Service	384.9	719.8	(334.9)	550.2	297.0	253.2	935.1	1,016.8	(81.8)	(14.4)	(96.1)
Industrial	17.0	32.7	(15.6)	189.3	102.9	86.3	206.3	135.6	70.7	12.4	83.1
Oilfields	21.9	30.6	(8.6)	56.6	30.0	26.6	78.5	60.6	18.0	3.2	21.1
Farm	205.0	535.4	(330.4)	486.8	261.7	225.1	691.8	797.1	(105.3)	(18.5)	(123.7)
Lights	35.1	164.4	(129.3)	7.4	4.0	3.4	42.5	168.4	(125.9)	(22.1)	(148.0)
Irrigation	0.4	0.5	(0.1)	3.3	1.8	1.5	3.7	2.3	1.4	0.2	1.6
Total	3,204.0	6,555.9	(3,351.9)	2,264.0	1,218.8	1,045.2	5,468.0	7,774.7	(2,306.7)	(405.0)	(2,711.7)

2004	Customer			Variable			Total			Carrying Costs	Refund/ (Collection)
	Revenue	Costs	Difference	Revenue	Costs	Difference	Revenue	Costs	Difference		
By RRO Rate Class											
Residential	959.3	2,690.3	(1,731.0)	391.2	120.2	271.0	1,350.5	2,810.4	(1,460.0)	(98.6)	(1,558.6)
General Service	137.4	358.8	(221.5)	198.0	60.9	137.1	335.4	419.8	(84.3)	(5.7)	(90.0)
Industrial	6.6	17.8	(11.2)	72.1	22.5	49.6	78.7	40.3	38.4	2.6	41.0
Oilfields	7.3	13.8	(6.5)	17.9	5.6	12.3	25.2	19.4	5.8	0.4	6.2
Farm	81.8	681.1	(599.2)	209.7	64.8	144.9	291.5	745.8	(454.3)	(30.7)	(485.0)
Lights	14.2	90.2	(76.0)	3.3	1.0	2.3	17.4	91.2	(73.8)	(5.0)	(78.7)
Irrigation	-	0.2	(0.2)	0.3	0.1	0.2	0.3	0.3	0.0	0.0	0.0
Total	1,206.5	3,852.2	(2,645.7)	892.5	275.0	617.5	2,099.0	4,127.2	(2,028.2)	(137.0)	(2,165.2)

Notes:

1) Farm billing went from quarterly billing in 2003 to monthly billing in 2004; hence, actual costs allocated to farm customers increased from 2003 relative to 2004.

ATCO Electric
 2006 Rider Application
 Schedule B.6: RRO Deferrals

	A	B	C	D=A thru C (via A)	J	K=J/I*100
<u>Rate Class</u>	2003 Non-Energy RRT Matters (\$ 000's)	2004 Non-Energy RRT Matters (\$ 000's)	Total 2005 Rider Q Residual (\$ 000's)	Total (\$'000)	Forecast of 5 months of 2006 Energy (MW.h)	Rider Component (¢/kW.h)
Residential	2,449.7	1,558.6	0.4	4,008.7	335,216	1.196
General Service	96.1	90.0	-7.9	178.3	192,604	0.093
Industrial	-83.1	-41.0	-75.9	-200.0	68,202	-0.293
Oilfields	-21.1	-6.2	-226.6	-253.9	23,368	-1.086
Farm	123.7	485.0	131.3	740.1	177,106	0.418
Lights	148.0	78.7	-7.0	219.7	2,833	7.757
Irrigation	-1.6	0.0	21.4	19.8	1,303	1.519
Total	2,711.7	2,165.2	-164.2	4,712.7	800,631	

Summary of Rate Impact to Typical Bills (Distribution Tariff Base Rates - Without Retail Energy Purchases)

Rider G & Q apply from August 1 - December 31, 2006

Rate Class	June 1, 2005				August 1, 2005				January 1, 2006					August 1, 2006				
	DT Base Rates	Rider G	Rider Q	Net	DT Base Rates	Rider G	Rider Q	Net	DT Base Rates	Rider G	Rider Q	Rider F	Net	DT Base Rates	Rider G	Rider Q	Rider F	Net
D11 Residential 600 kWh	\$48.78			\$48.78	\$45.87	\$6.40	-\$0.31	\$51.96	\$53.45			-\$0.60	\$52.85	\$51.65	-\$3.97	\$7.18	-\$0.60	\$54.26
D21 Commercial 20 kW; 7300 kWh	\$295.60			\$295.60	\$218.30	\$54.09	-\$3.94	\$268.45	\$262.96			-\$7.30	\$255.66	\$255.43	-\$30.88	\$6.79	-\$7.30	\$224.04
D31 Industrial 50 kW; 16,650 kWh	\$380.57			\$380.57	\$377.84	\$33.63	\$156.01	\$567.48	\$498.21			-\$16.65	\$481.56	\$487.54	\$0.67	-\$48.78	-\$16.65	\$422.78
D41 Oilfield 20 kW; 8,760 kWh	\$260.46			\$260.46	\$280.05	\$29.78	-\$214.27	\$95.56	\$332.19			-\$8.76	\$323.43	\$322.64	-\$45.55	-\$95.13	-\$8.76	\$173.20
D51 REA Pooled 7.5 kVA; 1,255 kWh	\$36.76			\$36.76	\$36.04	\$1.62	\$10.01	\$47.67	\$47.59			-\$1.26	\$46.34	\$46.49	-\$3.43	\$5.25	-\$1.26	\$47.06
D56 Farm 7.5 kVA; 1,255 kWh	\$53.82			\$53.82	\$54.94	\$5.13	\$10.01	\$70.08	\$67.51			-\$1.26	\$66.26	\$65.66	-\$6.14	\$5.25	-\$1.26	\$63.52
D61 Street Lights 250 Watts	\$7.29			\$7.29	\$7.84	\$1.36	-\$2.54	\$6.66	\$9.03			-\$0.09	\$8.94	\$8.73	-\$1.75	\$6.83	-\$0.09	\$13.72
D63 Private Lights 250 Watts	\$10.50			\$10.50	\$11.05	\$0.66	-\$2.54	\$9.17	\$12.38			-\$0.09	\$12.29	\$11.96	-\$1.81	\$6.83	-\$0.09	\$16.89

Schedule C.1 - Example Rate Rider Effects: Residential Class - RRO Eligible GST not included

Includes Cost of Energy in Effective Rate Schedules at the Time or Flow-Through Charge Amount or Forecast of Energy Charge			Residential Class Consumption Levels Cost per Customer (\$/month)		
			300 kWh per month	Typical 600 kWh per month	1200 kWh per month
Row	Rate Component	Effective Date			
1	Dec. 1999 Rate	1999	\$32.81	\$54.25	\$97.13
2	Dec 2000 Rate	2000	\$39.72	\$61.94	\$106.39
3	New Combined Rate (AB Government Rebate Included), July 1 - Dec. 31, 2001	July 1 - Dec. 31, 2001	\$33.34	\$84.85	\$187.86
4	Combined Rate, Jan. 1, 2002	Jan 1, 2002	\$51.46	\$80.02	\$137.14
5	Combined Rate, July 1, 2002	Jul 1, 2002	\$51.41	\$79.91	\$136.92
6	Combined Rate, January 1, 2003	Jan 1, 2003	\$53.22	\$83.54	\$144.18
7	Predicted Combined Rate, December 1, 2003	Dec 1, 2003	\$63.58	\$104.26	\$185.61
8	Predicted Combined Rate, January 1, 2004	Jan 1, 2004	\$57.01	\$91.11	\$159.32
9	Predicted Combined Rate, May 1, 2004	May 1, 2004	\$49.78	\$76.67	\$130.43
10	Predicted Combined Rate, June 1, 2004 (Rider G set to \$0/kWh)	May 1, 2004	\$54.85	\$86.81	\$150.71
11	Predicted Combined Rate, August 1, 2005	Aug 1, 2005	\$64.59	\$103.18	\$180.34
January 1, 2006					
12	Forecast Energy Rates, Jan 1, 2006	Jan 1, 2006	\$28.70	\$51.22	\$96.25
13	+No RRO Deferral	Jan 1, 2006	\$0.00	\$0.00	\$0.00
14	2006 Energy Related Charge Row 12 + Row 13	Jan 1, 2006	\$28.70	\$51.22	\$96.25
15	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I filed)	Jan 1, 2006	\$37.16	\$53.45	\$86.03
16	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Jan 1, 2006	-\$0.30	-\$0.60	-\$1.20
17	Net DT Charges Row 15 + Row 16	Jan 1, 2006	\$36.86	\$52.85	\$84.83
18	Predicted Combined Rate, January 1, 2006 Row 14 + Row 17	Jan 1, 2006	\$65.56	\$104.06	\$181.08
August 1, 2006					
19	Forecast Energy Rates, Aug 1, 2006	Aug 1, 2006	\$28.70	\$51.22	\$96.25
20	+/- RRO Deferral	Aug 1, 2006	\$3.59	\$7.18	\$14.35
21	2006 Energy Related Charge Row 19 + Row 20	Aug 1, 2006	\$32.29	\$58.39	\$110.60
22	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I Compliance filing)	Aug 1, 2006	\$35.84	\$51.65	\$83.27
23	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Aug 1, 2006	-\$2.29	-\$4.57	-\$9.14
24	Net DT Charges Row 22 + Row 23	Aug 1, 2006	\$33.55	\$47.07	\$74.12
25	Predicted Combined Rate, August 1, 2006 Row 21 + Row 24	Aug 1, 2006	\$65.84	\$105.47	\$184.73
Comparisons					
	Combined Rate (Jan 2002- Jul 2002)	Row 5 vs Row 4	difference %	-\$0.05 0%	-\$0.22 0%
	Combined Rate (Jul 2002- Jan 2003)	Row 6 vs Row 5	difference %	\$1.82 4%	\$3.63 5%
	Combined Rate (Jan 2003- Dec 2003)	Row 7 vs Row 6	difference %	\$10.36 19%	\$20.71 25%
	Combined Rate (Dec 2003- Jan 2004)	Row 8 vs Row 7	difference %	-\$6.57 -10%	-\$13.15 -14%
	Combined Rate (Jan 2004- May 2004)	Row 9 vs Row 8	difference %	-\$7.22 -13%	-\$14.44 -18%
	Combined Rate (May 2004- Aug 2005)	Row 17 vs Row 9	difference %	\$14.81 30%	\$29.61 35%
	Combined Rate (Jun 2005- Aug 2005)	Row 11 vs Row 10	difference %	\$9.74 18%	\$19.47 20%
	Combined Rate (Aug 2005- Jan 2006)	Row 18 vs Row 11	difference %	\$0.96 1%	\$1.91 0%
	Combined Rate (Jan 2006- Aug 2006)	Row 25 vs Row 18	difference %	\$0.28 0%	\$0.56 0%

Schedule C.2 - Example Rate Rider Effects: Small General Service Class - RRO Eligible			GST not included			
Includes Cost of Energy in Effective Rate Schedules at the Time of Flow-Through Charge Amount or Forecast of Energy Charge			Small General Service Class Consumption Levels Cost per Customer (\$/month)			
Row	Rate Component	Effective Date	Typical			
			5475 kWh per month Demand 15 kW	7300 kWh per month Demand 20 kW	9125 kWh per month Demand 25 kW	
1	Dec. 1999 Rate	1999	\$353.79	\$471.72	\$589.65	
2	Dec 2000 Rate	2000	\$396.05	\$528.07	\$660.09	
3	New Combined Rate (AB Government Rebate Included), July 1 - Dec. 31, 2001	July 1 - Dec. 31, 2001	\$740.70	\$983.25	\$1,225.80	
4	Combined Rate, Jan. 1, 2002	Jan. 1, 2002	\$498.05	\$659.52	\$820.99	
5	Combined Rate, July 1, 2002	Jul 1, 2002	\$481.46	\$637.40	\$793.34	
6	Combined Rate, January 1, 2003	Jan 1, 2003	\$777.65	\$1,032.32	\$1,286.99	
7	Predicted Combined Rate, December 1, 2003	Dec 1, 2003	\$532.43	\$705.36	\$878.30	
8	Predicted Combined Rate, January 1, 2004	Jan 1, 2004	\$583.92	\$774.01	\$964.11	
9	Predicted Combined Rate, May 1, 2004	May 1, 2004	\$500.98	\$663.43	\$825.88	
10	Predicted Combined Rate, June 1, 2004 (Rider G set to \$0/kWh)	May 1, 2004	\$572.82	\$759.21	\$945.60	
11	Predicted Combined Rate, August 1, 2005	Aug 1, 2005	\$635.37	\$840.62	\$1,045.86	
January 1, 2006						
12	Forecast Energy Rates, Jan 1, 2006	Jan 1, 2006	\$430.69	\$572.17	\$713.64	
13	+No RRO Deferral	Jan 1, 2006	\$0.00	\$0.00	\$0.00	
14	2006 Energy Related Charge	Jan 1, 2006	\$430.69	\$572.17	\$713.64	
Row 12 + Row 13						
15	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I filed)	Jan 1, 2006	\$200.74	\$262.96	\$325.19	
16	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Jan 1, 2006	-\$5.48	-\$7.30	-\$9.13	
17	Net DT Charges	Jan 1, 2006	\$195.26	\$255.66	\$316.06	
Row 15 + Row 16						
18	Predicted Combined Rate, January 1, 2006	Jan 1, 2006	\$625.96	\$827.83	\$1,029.70	
Row 14 + Row 17						
August 1, 2006						
19	Forecast Energy Rates, Aug 1, 2006	Aug 1, 2006	\$430.69	\$572.17	\$713.64	
20	+/- RRO Deferral	Aug 1, 2006	\$5.09	\$6.79	\$8.49	
21	2006 Energy Related Charge	Aug 1, 2006	\$435.78	\$578.96	\$722.13	
Row 19 + Row 20						
22	AE Interim DT Base Charge (Scaled 2004 Final Rates-Phase I Compliance Filing)	Aug 1, 2006	\$194.95	\$255.43	\$315.92	
23	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Aug 1, 2006	-\$28.63	-\$38.16	-\$47.72	
24	Net DT Charges	Aug 1, 2006	\$166.31	\$217.25	\$268.19	
Row 22 + Row 23						
25	Predicted Combined Rate, August 1, 2006	Aug 1, 2006	\$602.10	\$796.21	\$990.32	
Row 21 + Row 24						
Comparisons						
	Combined Rate (Jan 2002- Jul 2002)	Row 5 vs Row 4	difference %	-\$16.59 -3%	-\$22.12 -3%	-\$27.85 -3%
	Combined Rate (Jul 2002- Jan 2003)	Row 6 vs Row 5	difference %	\$296.19 62%	\$394.92 62%	\$493.65 62%
	Combined Rate (Jan 2003- Dec 2003)	Row 7 vs Row 6	difference %	-\$245.22 -32%	-\$326.96 -32%	-\$407.70 -32%
	Combined Rate (Dec 2003- Jan 2004)	Row 8 vs Row 7	difference %	\$51.49 10%	\$68.65 10%	\$85.81 10%
	Combined Rate (Jan 2004- May 2004)	Row 9 vs Row 8	difference %	-\$82.94 -14%	-\$110.58 -14%	-\$138.23 -14%
	Combined Rate (May 2004- Aug 2005)	Row 17 vs Row 9	difference %	\$134.39 27%	\$177.18 27%	\$219.68 27%
	Combined Rate (Jun 2005- Aug 2005)	Row 11 vs Row 10	difference %	\$62.55 11%	\$81.41 11%	\$100.26 11%
	Combined Rate (Aug 2005- Jan 2006)	Row 18 vs Row 11	difference %	-\$9.41 -2%	-\$12.79 -2%	-\$16.18 -2%
	Combined Rate (Jan 2006- Aug 2006)	Row 25 vs Row 18	difference %	-\$23.86 -4%	-\$31.62 -4%	-\$39.39 -4%

Schedule C.3 - Example Rate Rider Effects: Small General Service Class - Not RRO Eligible			GST not included			
Includes Cost of Energy in Effective Rate Schedules at the Time of Flow-Through Charge Amount or Forecast of Energy Charge			Small General Service Class Consumption Levels Cost per Customer (\$/month)			
Row	Rate Component	Effective Date	Typical			
			5475 kWh per month Demand 15 kW	7300 kWh per month Demand 20 kW	9125 kWh per month Demand 25 kW	
1	Dec. 1999 Rate	1999	\$353.79	\$471.72	\$589.65	
2	Dec 2000 Rate	2000	\$396.05	\$528.07	\$660.09	
3	New Combined Rate (AB Government Rebate Included), July 1 - Dec. 31, 2001	July 1 - Dec. 31, 2001	\$740.70	\$983.25	\$1,225.80	
4	Combined Rate, Jan. 1, 2002	Jan. 1, 2002	\$498.05	\$659.52	\$820.99	
5	Combined Rate, July 1, 2002	Jul 1, 2002	\$543.88	\$720.62	\$897.37	
6	Combined Rate, January 1, 2003	Jan 1, 2003	\$777.65	\$1,032.32	\$1,286.99	
7	Predicted Combined Rate, December 1, 2003	Dec 1, 2003	\$506.10	\$670.25	\$834.40	
8	Predicted Combined Rate, January 1, 2004	Jan 1, 2004	\$583.92	\$774.01	\$964.11	
9	Predicted Combined Rate, May 1, 2004	May 1, 2004	\$500.98	\$663.43	\$825.88	
10	Predicted Combined Rate, June 1, 2004 (Rider G set to \$0/kWh)	May 1, 2004	\$572.82	\$759.21	\$945.60	
11	Predicted Combined Rate, August 1, 2005	Aug 1, 2005	\$638.33	\$844.56	\$1,050.79	
January 1, 2006						
12	Forecast Energy Rates, Jan 1, 2006	Jan 1, 2006	\$430.69	\$572.17	\$713.64	
13	+No RRO Deferral	Jan 1, 2006	\$0.00	\$0.00	\$0.00	
14	2006 Energy Related Charge	Jan 1, 2006	\$430.69	\$572.17	\$713.64	
Row 12 + Row 13						
15	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I filed)	Jan 1, 2006	\$200.74	\$262.96	\$325.19	
16	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Jan 1, 2006	-\$5.48	-\$7.30	-\$9.13	
17	Net DT Charges	Jan 1, 2006	\$195.26	\$255.66	\$316.06	
Row 15 + Row 16						
18	Predicted Combined Rate, January 1, 2006	Jan 1, 2006	\$625.96	\$827.83	\$1,023.70	
Row 14 + Row 17						
August 1, 2006						
19	Forecast Energy Rates, Aug 1, 2006	Aug 1, 2006	\$430.69	\$572.17	\$713.64	
20	+/- RRO Deferral	Aug 1, 2006	\$0.00	\$0.00	\$0.00	
21	2006 Energy Related Charge	Aug 1, 2006	\$430.69	\$572.17	\$713.64	
Row 19 + Row 20						
22	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I Compliance filing)	Aug 1, 2006	\$194.95	\$255.43	\$315.92	
23	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Aug 1, 2006	-\$28.63	-\$38.16	-\$47.72	
24	Net DT Charges	Aug 1, 2006	\$166.31	\$217.25	\$268.19	
Row 22 + Row 23						
25	Predicted Combined Rate, August 1, 2006	Aug 1, 2006	\$597.00	\$789.42	\$981.83	
Row 21 + Row 24						
Comparisons						
	Combined Rate (Jan 2002- Jul 2002)	Row 5 vs Row 4	difference %	\$45.63 9%	\$61.10 9%	\$76.38 9%
	Combined Rate (Jul 2002- Jan 2003)	Row 6 vs Row 5	difference %	\$233.78 49%	\$311.70 45%	\$389.63 43%
	Combined Rate (Jan 2003- Dec 2003)	Row 7 vs Row 6	difference %	-\$271.60 -35%	-\$362.07 -35%	-\$452.59 -35%
	Combined Rate (Dec 2003- Jan 2004)	Row 8 vs Row 7	difference %	\$77.82 15%	\$103.76 15%	\$129.70 16%
	Combined Rate (Jan 2004- May 2004)	Row 9 vs Row 8	difference %	-\$82.94 -14%	-\$110.58 -14%	-\$138.23 -14%
	Combined Rate (May 2004- Aug 2005)	Row 17 vs Row 9	difference %	\$137.38 27%	\$181.13 27%	\$224.91 27%
	Combined Rate (Jun 2005- Aug 2005)	Row 11 vs Row 10	difference %	\$65.51 11%	\$85.35 11%	\$105.19 11%
	Combined Rate (Aug 2005- Jan 2006)	Row 18 vs Row 11	difference %	-\$12.37 -2%	-\$16.73 -2%	-\$21.09 -2%
	Combined Rate (Jan 2006- Aug 2006)	Row 25 vs Row 18	difference %	-\$28.69 -5%	-\$38.41 -5%	-\$47.87 -5%

Schedule C.4 - Example Rate Rider Effects: Large General Service Distribution - RRO Eligible			GST not included			
Includes Cost of Energy in Effective Rate Schedules at the Time of Flow-Through Charge Amount or Forecast of Energy Charge			Large General Service Class Consumption Levels Cost per Customer (\$/month)			
Row	Rate Component	Effective Date	Typical			
			12,200 kWh per month Demand 50 kW	16,650 kWh per month Demand 50 kW	20,800 kWh per month Demand 59 kW	
1	Dec. 1999 Rate	1999	\$1,031.32	\$1,113.38	\$1,335.04	
2	Dec 2000 Rate	2000	\$816.46	\$984.14	\$1,204.73	
3	New Combined Rate (AB Government Rebate Included), July 1 - Dec. 31, 2001	July 1 - Dec. 31, 2001	\$1,390.02	\$1,785.23	\$2,206.62	
4	Combined Rate, Jan. 1, 2002	Jan. 1, 2002	\$959.64	\$1,193.27	\$1,466.13	
5	Combined Rate, July 1, 2002	Jul 1, 2002	\$675.14	\$804.99	\$981.07	
6	Combined Rate, January 1, 2003	Jan 1, 2003	\$1,574.01	\$2,031.73	\$2,513.58	
7	Predicted Combined Rate, December 1, 2003	Dec 1, 2003	\$1,037.54	\$1,299.58	\$1,598.94	
8	Predicted Combined Rate, January 1, 2004	Jan 1, 2004	\$1,134.98	\$1,432.56	\$1,765.07	
9	Predicted Combined Rate, May 1, 2004	May 1, 2004	\$1,002.49	\$1,251.74	\$1,539.18	
10	Predicted Combined Rate, June 1, 2004 (Rider G set to \$0/kWh)	May 1, 2004	\$1,076.66	\$1,352.97	\$1,665.64	
11	Predicted Combined Rate, August 1, 2005	Aug 1, 2005	\$1,366.68	\$1,748.76	\$2,154.76	
January 1, 2006						
12	Forecast Energy Rates, Jan 1, 2006	Jan 1, 2006	\$866.79	\$1,181.28	\$1,474.56	
13	+No RRO Deferral	Jan 1, 2006	\$0.00	\$0.00	\$0.00	
14	2006 Energy Related Charge	Jan 1, 2006	\$866.79	\$1,181.28	\$1,474.56	
Row 12 + Row 13						
15	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I filed)	Jan 1, 2006	\$476.85	\$498.21	\$586.11	
16	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Jan 1, 2006	-\$12.20	-\$16.65	-\$20.80	
17	Net DT Charges	Jan 1, 2006	\$464.65	\$481.56	\$565.31	
Row 15 + Row 16						
18	Predicted Combined Rate, January 1, 2006	Jan 1, 2006	\$1,331.44	\$1,662.83	\$2,039.87	
Row 14 + Row 17						
August 1, 2006						
19	Forecast Energy Rates, Aug 1, 2006	Aug 1, 2006	\$866.79	\$1,181.28	\$1,474.56	
20	+/- RRO Deferral	Aug 1, 2006	-\$35.75	-\$48.78	-\$60.94	
21	2006 Energy Related Charge	Aug 1, 2006	\$831.05	\$1,132.49	\$1,413.61	
Row 19 + Row 20						
22	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I Compliance filing)	Aug 1, 2006	\$466.04	\$487.54	\$573.86	
23	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Aug 1, 2006	-\$11.71	-\$15.98	-\$19.97	
24	Net DT Charges	Aug 1, 2006	\$454.32	\$471.56	\$553.90	
Row 22 + Row 23						
25	Predicted Combined Rate, August 1, 2006	Aug 1, 2006	\$1,285.37	\$1,604.05	\$1,967.51	
Row 21 + Row 24						
Comparisons						
	Combined Rate (Jan 2002- Jul 2002)	Row 5 vs Row 4	difference %	-\$284.50 -28%	-\$388.28 -29%	-\$485.06 -36%
	Combined Rate (Jul 2002- Jan 2003)	Row 6 vs Row 5	difference %	\$898.67 133%	\$1,226.74 152%	\$1,532.50 156%
	Combined Rate (Jan 2003- Dec 2003)	Row 7 vs Row 6	difference %	-\$536.47 -34%	-\$732.15 -36%	-\$914.64 -36%
	Combined Rate (Dec 2003- Jan 2004)	Row 8 vs Row 7	difference %	\$97.44 9%	\$132.98 10%	\$166.13 10%
	Combined Rate (Jan 2004- May 2004)	Row 9 vs Row 8	difference %	-\$132.49 -12%	-\$180.82 -13%	-\$225.89 -13%
	Combined Rate (May 2004- Aug 2005)	Row 17 vs Row 9	difference %	\$364.20 36%	\$497.02 40%	\$615.68 40%
	Combined Rate (Jun 2005- Aug 2005)	Row 11 vs Row 10	difference %	\$290.02 27%	\$395.78 29%	\$489.11 29%
	Combined Rate (Aug 2005- Jan 2006)	Row 18 vs Row 11	difference %	-\$35.24 -3%	-\$85.93 -6%	-\$114.89 -6%
	Combined Rate (Jan 2006- Aug 2006)	Row 25 vs Row 18	difference %	-\$46.07 -4%	-\$58.78 -4%	-\$72.36 -4%

Schedule C.5 - Example Rate Rider Effects: Large General Service Distribution - Not RRO Eligible			GST not included			
Includes Cost of Energy in Effective Rate Schedules at the Time of Flow-Through Charge Amount or Forecast of Energy Charge			Large General Service Class Consumption Levels Cost per Customer (\$/month)			
Row	Rate Component	Effective Date	Typical			
			657,000 kWh per month Demand 1500 kW	876,000 kWh per month Demand 2000 kW	1,095,000 kWh per month Demand 2500 kW	
1	Dec. 1999 Rate	1999	\$34,380.07	\$45,558.25	\$55,150.47	
2	Dec 2000 Rate	2000	\$32,564.31	\$42,924.70	\$53,285.08	
3	New Combined Rate (AB Government Rebate Included), July 1 - Dec. 31, 2001	July 1 - Dec. 31, 2001	\$64,616.21	\$85,725.60	\$106,834.99	
4	Combined Rate, Jan. 1, 2002	Jan. 1, 2002	\$40,981.14	\$54,188.64	\$67,396.14	
5	Combined Rate, July 1, 2002	Jul 1, 2002	\$46,624.77	\$61,713.48	\$76,802.19	
6	Combined Rate, January 1, 2003	Jan 1, 2003	\$74,066.35	\$98,302.25	\$122,538.15	
7	Predicted Combined Rate, December 1, 2003	Dec 1, 2003	\$40,991.00	\$54,201.78	\$67,412.57	
8	Predicted Combined Rate, January 1, 2004	Jan 1, 2004	\$50,423.54	\$66,778.51	\$83,133.48	
9	Predicted Combined Rate, May 1, 2004	May 1, 2004	\$43,288.52	\$58,763.11	\$73,114.23	
10	Predicted Combined Rate, June 1, 2004 (Rider G set to \$0/kWh)	May 1, 2004	\$47,283.08	\$62,591.23	\$77,899.38	
11	Predicted Combined Rate, August 1, 2005	Aug 1, 2005	\$56,807.12	\$75,433.43	\$94,059.74	
January 1, 2006						
12	Forecast Energy Rates, Jan 1, 2006	Jan 1, 2006	\$46,434.81	\$61,911.54	\$77,388.27	
13	+No RRO Deferral	Jan 1, 2006	\$0.00	\$0.00	\$0.00	
14	2006 Energy Related Charge	Jan 1, 2006	\$46,434.81	\$61,911.54	\$77,388.27	
Row 12 + Row 13						
15	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I filed)	Jan 1, 2006	\$12,725.19	\$16,653.38	\$20,581.59	
16	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Jan 1, 2006	-\$657.00	-\$876.00	-\$1,095.00	
17	Net DT Charges	Jan 1, 2006	\$12,068.19	\$15,777.38	\$19,486.59	
Row 15 + Row 16						
18	Predicted Combined Rate, January 1, 2006	Jan 1, 2006	\$58,503.00	\$77,688.93	\$96,874.86	
Row 14 + Row 17						
August 1, 2006						
19	Forecast Energy Rates, Aug 1, 2006	Aug 1, 2006	\$46,434.81	\$61,911.54	\$77,388.27	
20	+/- RRO Deferral	Aug 1, 2006	\$0.00	\$0.00	\$0.00	
21	2006 Energy Related Charge	Aug 1, 2006	\$46,434.81	\$61,911.54	\$77,388.27	
Row 19 + Row 20						
22	AE Interim DT Base Charge (Scaled 2004 Final Rates-Phase I Compliance filing)	Aug 1, 2006	\$10,649.34	\$15,389.03	\$20,128.73	
23	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Aug 1, 2006	-\$630.72	-\$744.60	-\$930.75	
24	Net DT Charges	Aug 1, 2006	\$10,018.62	\$14,644.43	\$19,197.98	
Row 22 + Row 23						
25	Predicted Combined Rate, August 1, 2006	Aug 1, 2006	\$56,453.43	\$76,555.97	\$96,586.25	
Row 21 + Row 24						
Comparisons						
	Combined Rate (Jan 2002- Jul 2002)	Row 5 vs Row 4	difference %	\$5,643.63 14%	\$7,524.84 14%	\$9,406.05 14%
	Combined Rate (Jul 2002- Jan 2003)	Row 6 vs Row 5	difference %	\$27,441.58 29%	\$36,588.77 29%	\$45,735.96 29%
	Combined Rate (Jan 2003- Dec 2003)	Row 7 vs Row 6	difference %	-\$33,076.30 -45%	-\$44,100.47 -45%	-\$55,125.59 -45%
	Combined Rate (Dec 2003- Jan 2004)	Row 8 vs Row 7	difference %	\$9,432.55 23%	\$12,576.77 23%	\$15,720.92 23%
	Combined Rate (Jan 2004- May 2004)	Row 9 vs Row 8	difference %	-\$7,135.02 -14%	-\$8,015.40 -12%	-\$10,019.25 -12%
	Combined Rate (May 2004- Aug 2005)	Row 17 vs Row 9	difference %	\$13,518.60 31%	\$16,670.32 28%	\$20,945.61 29%
	Combined Rate (Jun 2005- Aug 2005)	Row 11 vs Row 10	difference %	\$9,524.04 20%	\$12,842.20 21%	\$16,160.36 21%
	Combined Rate (Aug 2005- Jan 2006)	Row 18 vs Row 11	difference %	\$1,695.88 3%	\$2,255.50 3%	\$2,815.12 3%
	Combined Rate (Jan 2006- Aug 2006)	Row 25 vs Row 18	difference %	-\$2,049.67 -4%	-\$1,132.98 -1%	-\$288.61 0%

Schedule C.6 - Example Rate Rider Effects: Small Oilfield Class - RRO Eligible			GST not included			
Includes: Cost of Energy in Effective Rate Schedules at the Time or Flow-Through Charge Amount or Forecast of Energy Charge			Small Oilfield Class Consumption Levels Cost per Customer (\$/month)			
Row	Rate Component	Effective Date	Typical			
			6570 kWh per month Demand 15 kW	8760 kWh per month Demand 20 kW	10950 kWh per month Demand 25 kW	
1	Dec. 1999 Rate	1999	\$383.64	\$511.52	\$639.40	
2	Dec 2000 Rate	2000	\$414.19	\$552.25	\$690.31	
3	New Combined Rate (AB Government Rebate Included), July 1 - Dec. 31, 2001	July 1 - Dec. 31, 2001	\$753.67	\$1,000.51	\$1,247.35	
4	Combined Rate, Jan. 1, 2002	Jan. 1, 2002	\$524.06	\$694.17	\$864.28	
5	Combined Rate, July 1, 2002	Jul 1, 2002	\$309.16	\$407.63	\$506.11	
6	Combined Rate, January 1, 2003	Jan 1, 2003	\$867.99	\$1,152.74	\$1,437.49	
7	Predicted Combined Rate, December 1, 2003	Dec 1, 2003	\$508.32	\$654.52	\$814.71	
8	Predicted Combined Rate, January 1, 2004	Jan 1, 2004	\$611.98	\$811.40	\$1,010.81	
9	Predicted Combined Rate, May 1, 2004	May 1, 2004	\$524.41	\$694.63	\$864.85	
10	Predicted Combined Rate, June 1, 2004 (Rider G set to \$0/kWh)	May 1, 2004	\$586.89	\$777.94	\$968.98	
11	Predicted Combined Rate, August 1, 2005	Aug 1, 2005	\$567.48	\$747.44	\$927.40	
January 1, 2006						
12	Forecast Energy Rates, Jan 1, 2006	Jan 1, 2006	\$490.48	\$651.88	\$813.29	
13	+No RRO Deferral	Jan 1, 2006	\$0.00	\$0.00	\$0.00	
14	2006 Energy Related Charge	Jan 1, 2006	\$490.48	\$651.88	\$813.29	
Row 12 + Row 13						
15	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I filed)	Jan 1, 2006	\$254.76	\$332.19	\$409.61	
16	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Jan 1, 2006	-\$6.57	-\$8.76	-\$10.95	
17	Net DT Charges	Jan 1, 2006	\$248.19	\$323.43	\$398.66	
Row 15 + Row 16						
18	Predicted Combined Rate, January 1, 2006	Jan 1, 2006	\$738.67	\$975.31	\$1,211.95	
Row 14 + Row 17						
August 1, 2006						
19	Forecast Energy Rates, Aug 1, 2006	Aug 1, 2006	\$490.48	\$651.88	\$813.29	
20	+/- RRO Deferral	Aug 1, 2006	-\$71.35	-\$95.13	-\$118.92	
21	2006 Energy Related Charge	Aug 1, 2006	\$419.13	\$556.75	\$694.37	
Row 19 + Row 20						
22	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I Compliance filing)	Aug 1, 2006	\$247.37	\$322.64	\$397.90	
23	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Aug 1, 2006	-\$40.73	-\$54.31	-\$67.89	
24	Net DT Charges	Aug 1, 2006	\$206.64	\$268.33	\$330.01	
Row 22 + Row 23						
25	Predicted Combined Rate, August 1, 2006	Aug 1, 2006	\$625.77	\$825.07	\$1,024.38	
Row 21 + Row 24						
Comparisons						
	Combined Rate (Jan 2002- Jul 2002)	Row 5 vs Row 4	difference %	-\$214.90 -41%	-\$296.54 -41%	-\$356.17 -41%
	Combined Rate (Jul 2002- Jan 2003)	Row 6 vs Row 5	difference %	\$558.83 181%	\$745.11 183%	\$931.39 184%
	Combined Rate (Jan 2003- Dec 2003)	Row 7 vs Row 6	difference %	-\$359.67 -41%	-\$499.23 -43%	-\$622.78 -43%
	Combined Rate (Dec 2003- Jan 2004)	Row 8 vs Row 7	difference %	\$103.67 20%	\$156.88 24%	\$196.10 24%
	Combined Rate (Jan 2004- May 2004)	Row 9 vs Row 8	difference %	-\$87.58 -14%	-\$116.77 -14%	-\$145.96 -14%
	Combined Rate (May 2004- Aug 2005)	Row 17 vs Row 9	difference %	\$43.09 8%	\$52.82 8%	\$62.55 7%
	Combined Rate (Jun 2005- Aug 2005)	Row 11 vs Row 10	difference %	-\$19.40 -3%	-\$30.48 -4%	-\$41.59 -4%
	Combined Rate (Aug 2005- Jan 2006)	Row 18 vs Row 11	difference %	\$171.18 23%	\$227.89 23%	\$284.55 23%
	Combined Rate (Jan 2006- Aug 2006)	Row 25 vs Row 18	difference %	-\$112.88 -19%	-\$150.24 -18%	-\$187.57 -18%

Schedule C.7 - Example Rate Rider Effects: Small Oilfield Class - Not RRO Eligible			GST not included			
Includes: Cost of Energy in Effective Rate Schedules at the Time or Flow-Through Charge Amount or Forecast of Energy Charge			Small Oilfield Class Consumption Levels Cost per Customer (\$/month)			
Row	Rate Component	Effective Date	Typical			
			6570 kWh per month Demand 15 kW	8760 kWh per month Demand 20 kW	10950 kWh per month Demand 25 kW	
1	Dec. 1999 Rate	1999	\$383.64	\$511.52	\$639.40	
2	Dec 2000 Rate	2000	\$414.19	\$552.25	\$690.31	
3	New Combined Rate (AB Government Rebate Included), July 1 - Dec. 31, 2001	July 1 - Dec. 31, 2001	\$753.67	\$1,000.51	\$1,247.35	
4	Combined Rate, Jan. 1, 2002	Jan. 1, 2002	\$524.06	\$694.17	\$864.28	
5	Combined Rate, July 1, 2002	Jul 1, 2002	\$610.79	\$809.80	\$1,008.82	
6	Combined Rate, January 1, 2003	Jan 1, 2003	\$867.99	\$1,152.74	\$1,437.49	
7	Predicted Combined Rate, December 1, 2003	Dec 1, 2003	\$525.13	\$695.60	\$866.06	
8	Predicted Combined Rate, January 1, 2004	Jan 1, 2004	\$611.98	\$811.40	\$1,010.81	
9	Predicted Combined Rate, May 1, 2004	May 1, 2004	\$524.41	\$694.63	\$864.85	
10	Predicted Combined Rate, June 1, 2004 (Rider G set to \$0/kWh)	May 1, 2004	\$586.89	\$777.94	\$968.98	
11	Predicted Combined Rate, August 1, 2005	Aug 1, 2005	\$728.19	\$961.71	\$1,195.24	
January 1, 2006						
12	Forecast Energy Rates, Jan 1, 2006	Jan 1, 2006	\$490.48	\$651.88	\$813.29	
13	+No RRO Deferral	Jan 1, 2006	\$0.00	\$0.00	\$0.00	
14	2006 Energy Related Charge	Jan 1, 2006	\$490.48	\$651.88	\$813.29	
Row 12 + Row 13						
15	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I filed)	Jan 1, 2006	\$254.76	\$332.19	\$409.61	
16	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Jan 1, 2006	-\$6.57	-\$8.76	-\$10.95	
17	Net DT Charges	Jan 1, 2006	\$248.19	\$323.43	\$398.66	
Row 15 + Row 16						
18	Predicted Combined Rate, January 1, 2006	Jan 1, 2006	\$738.67	\$975.31	\$1,211.95	
Row 14 + Row 17						
August 1, 2006						
19	Forecast Energy Rates, Aug 1, 2006	Aug 1, 2006	\$490.48	\$651.88	\$813.29	
20	+/- RRO Deferral	Aug 1, 2006	\$0.00	\$0.00	\$0.00	
21	2006 Energy Related Charge	Aug 1, 2006	\$490.48	\$651.88	\$813.29	
Row 19 + Row 20						
22	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I Compliance filing)	Aug 1, 2006	\$247.37	\$322.64	\$397.90	
23	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Aug 1, 2006	-\$40.73	-\$54.31	-\$67.89	
24	Net DT Charges	Aug 1, 2006	\$206.64	\$268.33	\$330.01	
Row 22 + Row 23						
25	Predicted Combined Rate, August 1, 2006	Aug 1, 2006	\$697.12	\$920.21	\$1,143.30	
Row 21 + Row 24						
Comparisons						
	Combined Rate (Jan 2002- Jul 2002)	Row 5 vs Row 4	difference %	\$86.72 17%	\$115.63 17%	\$144.54 17%
	Combined Rate (Jul 2002- Jan 2003)	Row 6 vs Row 5	difference %	\$257.20 42%	\$342.94 42%	\$428.67 42%
	Combined Rate (Jan 2003- Dec 2003)	Row 7 vs Row 6	difference %	-\$342.86 -39%	-\$457.14 -40%	-\$571.43 -40%
	Combined Rate (Dec 2003- Jan 2004)	Row 8 vs Row 7	difference %	\$86.85 17%	\$115.80 17%	\$144.75 17%
	Combined Rate (Jan 2004- May 2004)	Row 9 vs Row 8	difference %	-\$87.58 -14%	-\$116.77 -14%	-\$145.96 -14%
	Combined Rate (May 2004- Aug 2005)	Row 17 vs Row 9	difference %	\$208.79 39%	\$287.08 38%	\$330.39 38%
	Combined Rate (Jun 2005- Aug 2005)	Row 11 vs Row 10	difference %	\$141.31 24%	\$183.78 24%	\$226.25 23%
	Combined Rate (Aug 2005- Jan 2006)	Row 18 vs Row 11	difference %	\$10.48 1%	\$13.60 1%	\$16.71 1%
	Combined Rate (Jan 2006- Aug 2006)	Row 25 vs Row 18	difference %	-\$41.55 -6%	-\$55.10 -6%	-\$68.65 -6%

Schedule C.8 - Example Rate Rider Effects: REA Farm Service Class (Pooled) - RRO Eligible			GST not included			
Includes: Cost of Energy in Effective Rate Schedules at the Time of Flow-Through Charge Amount or Forecast of Energy Charge			REA Farm Service Class Consumption Levels Cost per Customer (\$/month)			
Row	Rate Component	Effective Date	Typical			
			755 kWh per month 7.5 kVA	1255 kWh per month 7.5 kVA	1755 kWh per month 7.5 kVA	
1	Dec. 1999 Rate	1999	\$62.68	\$87.81	\$112.84	
2	Dec 2000 Rate	2000	\$58.50	\$78.26	\$98.01	
3	New Combined Rate (AB Government Rebate Included), July 1 - Dec. 31, 2001	July 1 - Dec. 31, 2001	\$59.88	\$105.41	\$150.94	
4	Combined Rate, Jan. 1, 2002	Jan. 1, 2002	\$72.60	\$99.25	\$125.90	
5	Combined Rate, July 1, 2002	Jul 1, 2002	\$74.85	\$102.99	\$131.13	
6	Combined Rate, January 1, 2003	Jan 1, 2003	\$77.04	\$106.63	\$136.22	
7	Predicted Combined Rate, December 1, 2003	Dec 1, 2003	\$79.56	\$110.82	\$142.08	
8	Predicted Combined Rate, January 1, 2004	Jan 1, 2004	\$85.06	\$119.96	\$154.87	
9	Predicted Combined Rate, May 1, 2004	May 1, 2004	\$76.62	\$105.93	\$135.24	
10	Predicted Combined Rate, June 1, 2004 (Rider G set to \$0/kWh)	May 1, 2004	\$80.59	\$112.53	\$144.47	
11	Predicted Combined Rate, August 1, 2005	Aug 1, 2005	\$103.05	\$146.44	\$189.82	
January 1, 2006						
12	Forecast Energy Rates, Jan 1, 2006	Jan 1, 2006	\$61.91	\$98.76	\$135.61	
13	+No RRO Deferral	Jan 1, 2006	\$0.00	\$0.00	\$0.00	
14	2006 Energy Related Charge	Jan 1, 2006	\$61.91	\$98.76	\$135.61	
Row 12 + Row 13						
15	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I filed)	Jan 1, 2006	\$45.19	\$47.59	\$49.99	
16	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Jan 1, 2006	-\$0.76	-\$1.26	-\$1.76	
17	Net DT Charges	Jan 1, 2006	\$44.44	\$46.34	\$48.24	
Row 15 + Row 16						
18	Predicted Combined Rate, January 1, 2006	Jan 1, 2006	\$106.35	\$145.10	\$183.85	
Row 14 + Row 17						
August 1, 2006						
19	Forecast Energy Rates, Aug 1, 2006	Aug 1, 2006	\$61.91	\$98.76	\$135.61	
20	+/- RRO Deferral	Aug 1, 2006	\$3.16	\$5.25	\$7.34	
21	2006 Energy Related Charge	Aug 1, 2006	\$65.07	\$104.01	\$142.95	
Row 19 + Row 20						
22	AE Interim DT Base Charge (Scaled 2004 Final Rates-Phase I Compliance filing)	Aug 1, 2006	\$44.08	\$46.49	\$48.91	
23	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Aug 1, 2006	-\$2.82	-\$4.69	-\$6.56	
24	Net DT Charges	Aug 1, 2006	\$41.25	\$41.80	\$42.35	
Row 22 + Row 23						
25	Predicted Combined Rate, August 1, 2006	Aug 1, 2006	\$106.32	\$145.81	\$185.30	
Row 21 + Row 24						
Comparisons						
	Combined Rate (Jan 2002- Jul 2002)	Row 5 vs Row 4	difference %	\$2.25 3%	\$3.74 4%	\$5.23 4%
	Combined Rate (Jul 2002- Jan 2003)	Row 6 vs Row 5	difference %	\$2.19 3%	\$3.64 4%	\$5.09 4%
	Combined Rate (Jan 2003- Dec 2003)	Row 7 vs Row 6	difference %	\$2.62 3%	\$4.19 4%	\$5.86 4%
	Combined Rate (Dec 2003- Jan 2004)	Row 8 vs Row 7	difference %	\$5.50 7%	\$9.14 8%	\$12.79 9%
	Combined Rate (Jan 2004- May 2004)	Row 9 vs Row 8	difference %	-\$8.44 -10%	-\$14.04 -12%	-\$19.63 -13%
	Combined Rate (May 2004- Aug 2005)	Row 17 vs Row 9	difference %	\$26.43 38%	\$40.61 38%	\$54.59 40%
	Combined Rate (Jun 2005- Aug 2005)	Row 11 vs Row 10	difference %	\$22.46 28%	\$33.91 30%	\$45.35 31%
	Combined Rate (Aug 2005- Jan 2006)	Row 18 vs Row 11	difference %	\$3.30 3%	-\$1.33 -1%	-\$5.97 -3%
	Combined Rate (Jan 2006- Aug 2006)	Row 25 vs Row 18	difference %	-\$0.03 0%	\$0.71 0%	\$1.44 1%

Schedule C.9 - Example Rate Rider Effects: Farm Service Class - RRO Eligible			GST not included			
Includes: Cost of Energy in Effective Rate Schedules at the Time or Flow-Through Charge Amount or Forecast of Energy Charge			Farm Service Class Consumption Levels Cost per Customer (\$/month)			
Row	Rate Component	Effective Date	Typical			
			755 kWh per month 7.5 kVA	1255 kWh per month 7.5 kVA	1755 kWh per month 7.5 kVA	
1	Dec. 1999 Rate	1999	\$83.32	\$108.45	\$133.57	
2	Dec 2000 Rate	2000	\$96.04	\$123.84	\$151.65	
3	New Combined Rate (AB Government Rebate Included), July 1 - Dec. 31, 2001	July 1 - Dec. 31, 2001	\$62.35	\$101.33	\$140.30	
4	Combined Rate, Jan. 1, 2002	Jan. 1, 2002	\$88.06	\$116.31	\$144.56	
5	Combined Rate, July 1, 2002	Jul 1, 2002	\$84.23	\$109.94	\$135.65	
6	Combined Rate, January 1, 2003	Jan 1, 2003	\$92.74	\$124.09	\$155.44	
7	Predicted Combined Rate, December 1, 2003	Dec 1, 2003	\$95.02	\$127.88	\$160.74	
8	Predicted Combined Rate, January 1, 2004	Jan 1, 2004	\$100.52	\$137.03	\$173.53	
9	Predicted Combined Rate, May 1, 2004	May 1, 2004	\$89.69	\$119.02	\$148.35	
10	Predicted Combined Rate, June 1, 2004 (Rider G set to \$0/kWh)	May 1, 2004	\$96.05	\$129.59	\$163.13	
11	Predicted Combined Rate, August 1, 2005	Aug 1, 2005	\$121.66	\$169.85	\$218.03	
January 1, 2006						
12	Forecast Energy Rates, Jan 1, 2006	Jan 1, 2006	\$61.91	\$99.76	\$137.61	
13	+No RRO Deferral	Jan 1, 2006	\$0.00	\$0.00	\$0.00	
14	2006 Energy Related Charge	Jan 1, 2006	\$61.91	\$99.76	\$137.61	
Row 12 + Row 13						
15	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I filed)	Jan 1, 2006	\$62.56	\$67.51	\$72.46	
16	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Jan 1, 2006	-\$0.76	-\$1.26	-\$1.76	
17	Net DT Charges	Jan 1, 2006	\$61.80	\$66.25	\$70.70	
Row 15 + Row 16						
18	Predicted Combined Rate, January 1, 2006	Jan 1, 2006	\$123.71	\$166.01	\$208.31	
Row 14 + Row 17						
August 1, 2006						
19	Forecast Energy Rates, Aug 1, 2006	Aug 1, 2006	\$61.91	\$98.76	\$135.61	
20	+/- RRO Deferral	Aug 1, 2006	\$3.16	\$5.25	\$7.34	
21	2006 Energy Related Charge	Aug 1, 2006	\$65.07	\$104.01	\$142.95	
Row 19 + Row 20						
22	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I Compliance filing)	Aug 1, 2006	\$60.79	\$65.66	\$70.54	
23	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Aug 1, 2006	-\$4.45	-\$7.40	-\$10.35	
24	Net DT Charges	Aug 1, 2006	\$56.34	\$58.26	\$60.18	
Row 22 + Row 23						
25	Predicted Combined Rate, August 1, 2006	Aug 1, 2006	\$121.40	\$162.27	\$203.13	
Row 21 + Row 24						
Comparisons						
	Combined Rate (Jan 2002- Jul 2002)	Row 5 vs Row 4	difference %	-\$3.84 -4%	-\$6.38 -5%	-\$8.92 -6%
	Combined Rate (Jul 2002- Jan 2003)	Row 6 vs Row 5	difference %	\$8.52 10%	\$14.16 13%	\$19.80 15%
	Combined Rate (Jan 2003- Dec 2003)	Row 7 vs Row 6	difference %	\$2.28 3%	\$3.79 3%	\$5.30 4%
	Combined Rate (Dec 2003- Jan 2004)	Row 8 vs Row 7	difference %	\$5.50 6%	\$9.14 7%	\$12.79 9%
	Combined Rate (Jan 2004- May 2004)	Row 9 vs Row 8	difference %	-\$10.83 -11%	-\$18.00 -13%	-\$25.18 -15%
	Combined Rate (May 2004- Aug 2005)	Row 17 vs Row 9	difference %	\$31.97 38%	\$50.83 43%	\$69.68 47%
	Combined Rate (Jun 2005- Aug 2005)	Row 11 vs Row 10	difference %	\$25.61 27%	\$40.26 31%	\$54.91 34%
	Combined Rate (Aug 2005- Jan 2006)	Row 18 vs Row 11	difference %	\$2.05 2%	-\$3.83 -3%	-\$9.72 -5%
	Combined Rate (Jan 2006- Aug 2006)	Row 25 vs Row 18	difference %	-\$2.31 -2%	-\$3.75 -3%	-\$5.18 -3%

Schedule C.10 - Example Rate Rider Effects: Street Light Service Class D61 Option A			GST not included			
Includes Cost of Energy in Effective Rate Schedules at the Time or Flow-Through Charge Amount or Forecast of Energy Charge			Street Light Service Class Consumption Levels Cost per Customer (\$/month)			
Row	Rate Component	Effective Date	Typical			
			1 Fixture Demand 100 watts	1 Fixture Demand 250 watts	1 Fixture Demand 400 watts	
1	Dec. 1999 Rate	1999	\$9.29	\$13.97	\$18.64	
2	Dec 2000 Rate	2000	\$11.36	\$16.22	\$21.08	
3	New Combined Rate (AB Government Rebate Included), July 1 - Dec. 31, 2001	July 1 - Dec. 31, 2001	\$9.25	\$14.52	\$19.71	
4	Combined Rate, Jan. 1, 2002	Jan. 1, 2002	\$8.24	\$11.54	\$14.79	
5	Combined Rate, July 1, 2002	Jul 1, 2002	\$6.48	\$7.11	\$7.74	
6	Combined Rate, January 1, 2003	Jan 1, 2003	\$10.32	\$16.77	\$23.11	
7	Predicted Combined Rate, December 1, 2003	Dec 1, 2003	\$9.46	\$14.59	\$19.65	
8	Predicted Combined Rate, January 1, 2004	Jan 1, 2004	\$8.70	\$12.70	\$16.63	
9	Predicted Combined Rate, May 1, 2004	May 1, 2004	\$7.20	\$8.91	\$10.60	
10	Predicted Combined Rate, June 1, 2004 (Rider G set to \$0/KWh)	May 1, 2004	\$8.20	\$11.42	\$14.60	
11	Predicted Combined Rate, August 1, 2005	Aug 1, 2005	\$12.33	\$15.68	\$18.99	
January 1, 2006						
12	Forecast Energy Rates, Jan 1, 2006	Jan 1, 2006	\$5.92	\$9.02	\$12.06	
13	+No RRO Deferral	Jan 1, 2006	\$0.00	\$0.00	\$0.00	
14	2006 Energy Related Charge	Jan 1, 2006	\$5.92	\$9.02	\$12.06	
Row 12 + Row 13						
15	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I filed)	Jan 1, 2006	\$7.55	\$9.03	\$10.52	
16	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/KWh)	Jan 1, 2006	-\$0.04	-\$0.09	-\$0.14	
17	Net DT Charges	Jan 1, 2006	\$7.51	\$8.95	\$10.38	
Row 15 + Row 16						
18	Predicted Combined Rate, January 1, 2006	Jan 1, 2006	\$13.43	\$17.96	\$22.44	
Row 14 + Row 17						
August 1, 2006						
19	Forecast Energy Rates, Aug 1, 2006	Aug 1, 2006	\$5.92	\$9.02	\$12.06	
20	+/- RRO Deferral	Aug 1, 2006	\$2.71	\$6.83	\$10.86	
21	2006 Energy Related Charge	Aug 1, 2006	\$8.63	\$15.85	\$22.92	
Row 19 + Row 20						
22	AE Interim DT Base Charge (Scaled 2004 Final Rates-Phase I Compliance filing)	Aug 1, 2006	\$7.27	\$8.73	\$10.19	
23	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/KWh)	Aug 1, 2006	-\$0.73	-\$1.84	-\$2.92	
24	Net DT Charges	Aug 1, 2006	\$6.54	\$6.89	\$7.27	
Row 22 + Row 23						
25	Predicted Combined Rate, August 1, 2006	Aug 1, 2006	\$15.18	\$22.74	\$30.19	
Row 21 + Row 24						
Comparisons						
	Combined Rate (Jan 2002- Jul 2002)	Row 5 vs Row 4	difference %	-\$1.70 -21%	-\$4.43 -28%	-\$7.00 -48%
	Combined Rate (Jul 2002- Jan 2003)	Row 6 vs Row 5	difference %	\$3.84 59%	\$9.66 136%	\$15.37 199%
	Combined Rate (Jan 2003- Dec 2003)	Row 7 vs Row 6	difference %	-\$0.87 -8%	-\$3.18 -13%	-\$3.46 -15%
	Combined Rate (Dec 2003- Jan 2004)	Row 8 vs Row 7	difference %	-\$0.75 -8%	-\$1.90 -13%	-\$3.02 -15%
	Combined Rate (Jan 2004- May 2004)	Row 9 vs Row 8	difference %	-\$1.51 -17%	-\$3.79 -30%	-\$6.03 -36%
	Combined Rate (May 2004- Aug 2005)	Row 17 vs Row 9	difference %	\$5.13 71%	\$8.78 76%	\$13.39 79%
	Combined Rate (Jun 2005- Aug 2005)	Row 11 vs Row 10	difference %	\$4.13 50%	\$4.26 37%	\$4.39 30%
	Combined Rate (Aug 2005- Jan 2006)	Row 18 vs Row 11	difference %	\$1.10 8%	\$2.28 19%	\$3.45 15%
	Combined Rate (Jan 2006- Aug 2006)	Row 25 vs Row 18	difference %	\$1.74 11%	\$4.78 21%	\$7.75 26%

Schedule C.11 - Example Rate Rider Effects: Irrigation Pumping Service			GST not included			
Includes Cost of Energy in Effective Rate Schedules at the Time of Flow-Through Charge Amount or Forecast of Energy Charge			Irrigation Pumping Service Class Consumption Levels Cost per Customer (\$/month)			
Row	Rate Component	Effective Date	Typical			
			8760 kWh per month Demand 30 kW	11680 kWh per month Demand 40 kW	14600 kWh per month Demand 50 kW	
1	Dec. 1999 Rate	1999	\$1,177.79	\$1,570.39	\$1,962.88	
2	Dec 2000 Rate	2000	\$1,259.73	\$1,679.64	\$2,099.55	
3	New Combined Rate (AB Government Rebate Included), July 1 - Dec. 31, 2001	July 1 - Dec. 31, 2001	\$1,304.55	\$1,732.12	\$2,153.85	
4	Combined Rate, Jan. 1, 2002	Jan. 1, 2002	\$1,032.82	\$1,369.45	\$1,706.09	
5	Combined Rate, July 1, 2002	Jul 1, 2002	\$536.74	\$708.02	\$879.29	
6	Combined Rate, January 1, 2003	Jan 1, 2003	\$1,373.40	\$1,823.56	\$2,273.72	
7	Predicted Combined Rate, December 1, 2003	Dec 1, 2003	\$1,077.41	\$1,428.91	\$1,780.40	
8	Predicted Combined Rate, January 1, 2004	Jan 1, 2004	\$1,170.21	\$1,552.64	\$1,935.08	
9	Predicted Combined Rate, May 1, 2004	May 1, 2004	\$1,169.94	\$1,578.95	\$1,967.96	
10	Predicted Combined Rate, June 1, 2004 (Rider G set to \$0/kWh)	May 1, 2004	\$1,152.44	\$1,528.96	\$1,905.47	
11	Predicted Combined Rate, August 1, 2005	Aug 1, 2005	\$1,560.16	\$2,070.32	\$2,580.54	
January 1, 2006						
12	Forecast Energy Rates, Jan 1, 2006	Jan 1, 2006	\$632.26	\$840.92	\$1,049.59	
13	+No RRO Deferral	Jan 1, 2006	\$0.00	\$0.00	\$0.00	
14	2006 Energy Related Charge	Jan 1, 2006	\$632.26	\$840.92	\$1,049.59	
Row 12 + Row 13						
15	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I filed)	Jan 1, 2006	\$838.74	\$1,110.09	\$1,381.43	
16	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Jan 1, 2006	-\$8.76	-\$11.68	-\$14.60	
17	Net DT Charges	Jan 1, 2006	\$829.98	\$1,098.41	\$1,366.83	
Row 15 + Row 16						
18	Predicted Combined Rate, January 1, 2006	Jan 1, 2006	\$1,462.24	\$1,939.33	\$2,416.41	
Row 14 + Row 17						
August 1, 2006						
19	Forecast Energy Rates, Aug 1, 2006	Aug 1, 2006	\$632.26	\$840.92	\$1,049.59	
20	+/- RRO Deferral	Aug 1, 2006	\$133.06	\$177.42	\$221.77	
21	2006 Energy Related Charge	Aug 1, 2006	\$765.32	\$1,018.34	\$1,271.36	
Row 19 + Row 20						
22	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I Compliance filing)	Aug 1, 2006	\$820.52	\$1,086.08	\$1,351.64	
23	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/kWh)	Aug 1, 2006	-\$180.89	-\$241.19	-\$301.49	
24	Net DT Charges	Aug 1, 2006	\$639.63	\$844.89	\$1,050.15	
Row 22 + Row 23						
25	Predicted Combined Rate, August 1, 2006	Aug 1, 2006	\$1,404.95	\$1,863.23	\$2,321.51	
Row 21 + Row 24						
Comparisons						
	Combined Rate (Jan 2002- Jul 2002)	Row 5 vs Row 4	difference %	-\$496.08 -48%	-\$661.44 -48%	-\$826.80 -48%
	Combined Rate (Jul 2002- Jan 2003)	Row 6 vs Row 5	difference %	\$836.66 158%	\$1,115.55 158%	\$1,394.43 159%
	Combined Rate (Jan 2003- Dec 2003)	Row 7 vs Row 6	difference %	\$265.99 23%	\$394.66 35%	\$493.32 35%
	Combined Rate (Dec 2003- Jan 2004)	Row 8 vs Row 7	difference %	-\$92.80 -3%	-\$123.74 -1%	-\$154.67 -1%
	Combined Rate (Jan 2004- May 2004)	Row 9 vs Row 8	difference %	\$19.73 2%	\$26.30 2%	\$32.88 2%
	Combined Rate (May 2004- Aug 2005)	Row 17 vs Row 9	difference %	\$370.16 58%	\$491.37 58%	\$612.58 58%
	Combined Rate (Jun 2005- Jan 2006)	Row 11 vs Row 10	difference %	\$407.65 35%	\$541.36 35%	\$675.07 35%
	Combined Rate (Aug 2005- Jan 2006)	Row 18 vs Row 11	difference %	-\$97.88 -7%	-\$130.99 -9%	-\$164.13 -9%
	Combined Rate (Jan 2006- Aug 2006)	Row 25 vs Row 18	difference %	-\$57.29 -4%	-\$76.10 -4%	-\$94.90 -4%

Schedule C.12 - Example Rate Rider Effects: REA Irrigation Pumping Service		GST not included				
Includes Cost of Energy in Effective Rate Schedules at the Time of Flow-Through Charge Amount or Forecast of Energy Charge		REA Irrigation Pumping Service Class Consumption Levels Cost per Customer (\$/month)				
Row	Rate Component	Effective Date	Typical			
			8760 kWh per month Demand 30 kW	11680 kWh per month Demand 40 kW	14600 kWh per month Demand 50 kW	
1	Dec. 1999 Rate	1999	\$630.68	\$840.90	\$1,051.13	
2	Dec 2000 Rate	2000	\$843.01	\$1,124.02	\$1,405.02	
3	New Combined Rate (AB Government Rebate Included), July 1 - Dec. 31, 2001	July 1 - Dec. 31, 2001	\$1,039.95	\$1,379.32	\$1,718.69	
4	Combined Rate, Jan. 1, 2002	Jan. 1, 2002	\$754.12	\$997.85	\$1,241.59	
5	Combined Rate, July 1, 2002	Jul 1, 2002	\$650.93	\$860.26	\$1,069.60	
6	Combined Rate, January 1, 2003	Jan 1, 2003	\$1,094.70	\$1,451.96	\$1,809.22	
7	Predicted Combined Rate, December 1, 2003	Dec 1, 2003	\$798.71	\$1,057.31	\$1,315.90	
8	Predicted Combined Rate, January 1, 2004	Jan 1, 2004	\$891.51	\$1,181.04	\$1,470.58	
9	Predicted Combined Rate, May 1, 2004	May 1, 2004	\$725.09	\$959.15	\$1,193.21	
10	Predicted Combined Rate, June 1, 2004 (Rider G set to \$0/KWh)	May 1, 2004	\$973.74	\$1,157.36	\$1,440.97	
11	Predicted Combined Rate, August 1, 2005	Aug 1, 2005	\$1,207.30	\$1,599.92	\$1,992.54	
January 1, 2006						
12	Forecast Energy Rates, Jan 1, 2006	Jan 1, 2006	\$632.26	\$840.92	\$1,049.59	
13	+No RRO Deferral	Jan 1, 2006	\$0.00	\$0.00	\$0.00	
14	2006 Energy Related Charge	Jan 1, 2006	\$632.26	\$840.92	\$1,049.59	
		Row 12 + Row 13				
15	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I filed)	Jan 1, 2006	\$463.17	\$609.33	\$755.48	
16	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/KWh)	Jan 1, 2006	-\$8.76	-\$11.68	-\$14.60	
17	Net DT Charges	Jan 1, 2006	\$454.41	\$597.65	\$740.88	
		Row 15 + Row 16				
18	Predicted Combined Rate, January 1, 2006	Jan 1, 2006	\$1,086.67	\$1,438.57	\$1,790.46	
		Row 14 + Row 17				
August 1, 2006						
19	Forecast Energy Rates, Aug 1, 2006	Aug 1, 2006	\$632.26	\$840.92	\$1,049.59	
20	+/- RRO Deferral	Aug 1, 2006	\$133.06	\$177.42	\$221.77	
21	2006 Energy Related Charge	Aug 1, 2006	\$765.32	\$1,018.34	\$1,271.36	
		Row 19 + Row 20				
22	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I Compliance filing)	Aug 1, 2006	\$457.47	\$602.01	\$746.56	
23	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/KWh)	Aug 1, 2006	-\$180.89	-\$241.19	-\$301.49	
24	Net DT Charges	Aug 1, 2006	\$276.58	\$360.82	\$445.07	
		Row 22 + Row 23				
25	Predicted Combined Rate, August 1, 2006	Aug 1, 2006	\$1,041.90	\$1,379.16	\$1,716.43	
		Row 21 + Row 24				
Comparisons						
	Combined Rate (Jan 2002- Jul 2002)	Row 5 vs Row 4	difference %	-\$103.19 -16%	-\$137.59 -14%	-\$171.99 -16%
	Combined Rate (Jul 2002- Jan 2003)	Row 6 vs Row 5	difference %	\$443.77 68%	\$591.70 69%	\$739.62 69%
	Combined Rate (Jan 2003- Dec 2003)	Row 7 vs Row 6	difference %	-\$206.89 -28%	-\$354.66 -31%	-\$403.32 -28%
	Combined Rate (Dec 2003- Jan 2004)	Row 8 vs Row 7	difference %	\$92.80 12%	\$123.74 12%	\$154.67 12%
	Combined Rate (Jan 2004- May 2004)	Row 9 vs Row 8	difference %	-\$166.42 -18%	-\$221.90 -19%	-\$277.37 -19%
	Combined Rate (May 2004- Aug 2005)	Row 17 vs Row 9	difference %	\$482.21 67%	\$640.73 67%	\$796.33 67%
	Combined Rate (Jun 2005- Aug 2005)	Row 11 vs Row 10	difference %	\$333.55 34%	\$442.56 38%	\$551.57 38%
	Combined Rate (Aug 2005- Jan 2006)	Row 18 vs Row 11	difference %	-\$120.63 -11%	-\$161.35 -14%	-\$202.08 -14%
	Combined Rate (Jan 2006- Aug 2006)	Row 25 vs Row 18	difference %	-\$44.77 -4%	-\$59.48 -4%	-\$74.04 -4%

Schedule C.13 - Example Rate Rider Effects: Private Lighting Service Class D63 Option A		GST not included				
Includes Cost of Energy in Effective Rate Schedules at the Time or Flow-Through Charge Amount or Forecast of Energy Charge		Private Street Light Service Class Consumption Levels Cost per Customer (\$/month)				
Row	Rate Component	Effective Date	Typical			
			1 Fixture Demand 100 watts	1 Fixture Demand 250 watts	1 Fixture Demand 400 watts	
1	Dec. 1999 Rate	1999	\$8.36	\$12.59	\$16.82	
2	Dec 2000 Rate	2000	\$9.95	\$14.17	\$18.36	
3	New Combined Rate (AB Government Rebate Included), July 1 - Dec. 31, 2001	July 1 - Dec. 31, 2001	\$11.67	\$17.59	\$23.23	
4	Combined Rate, Jan. 1, 2002	Jan. 1, 2002	\$10.99	\$14.75	\$18.47	
5	Combined Rate, July 1, 2002	Jul 1, 2002	\$9.16	\$10.14	\$11.13	
6	Combined Rate, January 1, 2003	Jan 1, 2003	\$13.06	\$19.95	\$26.73	
7	Predicted Combined Rate, December 1, 2003	Dec 1, 2003	\$11.14	\$17.43	\$22.73	
8	Predicted Combined Rate, January 1, 2004	Jan 1, 2004	\$11.45	\$15.91	\$20.31	
9	Predicted Combined Rate, May 1, 2004	May 1, 2004	\$10.20	\$12.75	\$15.28	
10	Predicted Combined Rate, June 1, 2004 (Rider G set to \$0/KWh)	May 1, 2004	\$10.95	\$14.64	\$18.28	
11	Predicted Combined Rate, August 1, 2005	Aug 1, 2005	\$15.15	\$18.18	\$21.17	
January 1, 2006						
12	Forecast Energy Rates, Jan 1, 2006	Jan 1, 2006	\$5.92	\$9.02	\$12.06	
13	+No RRO Deferral	Jan 1, 2006	\$0.00	\$0.00	\$0.00	
14	2006 Energy Related Charge	Jan 1, 2006	\$5.92	\$9.02	\$12.06	
		Row 12 + Row 13				
15	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I filed)	Jan 1, 2006	\$10.81	\$12.38	\$13.96	
16	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/KWh)	Jan 1, 2006	-\$0.04	-\$0.09	-\$0.14	
17	Net DT Charges	Jan 1, 2006	\$10.77	\$12.29	\$13.82	
		Row 15 + Row 16				
18	Predicted Combined Rate, January 1, 2006	Jan 1, 2006	\$16.69	\$21.31	\$25.88	
		Row 14 + Row 17				
August 1, 2006						
19	Forecast Energy Rates, Aug 1, 2006	Aug 1, 2006	\$5.92	\$9.02	\$12.06	
20	+/- RRO Deferral	Aug 1, 2006	\$2.71	\$6.83	\$10.86	
21	2006 Energy Related Charge	Aug 1, 2006	\$8.63	\$15.85	\$22.92	
		Row 19 + Row 20				
22	AE Interim DT Base Charge (Scaled 2004 Final Rates-Phase I Compliance filing)	Aug 1, 2006	\$10.40	\$11.96	\$13.52	
23	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/KWh)	Aug 1, 2006	-\$0.76	-\$1.00	-\$3.02	
24	Net DT Charges	Aug 1, 2006	\$9.65	\$10.96	\$10.50	
		Row 22 + Row 23				
25	Predicted Combined Rate, August 1, 2006	Aug 1, 2006	\$18.28	\$25.91	\$33.42	
		Row 21 + Row 24				
Comparisons						
	Combined Rate (Jan 2002- Jul 2002)	Row 5 vs Row 4	difference %	-\$1.84 -17%	-\$4.61 -31%	-\$7.34 -40%
	Combined Rate (Jul 2002- Jan 2003)	Row 6 vs Row 5	difference %	\$3.90 43%	\$9.81 69%	\$15.60 140%
	Combined Rate (Jan 2003- Dec 2003)	Row 7 vs Row 6	difference %	-\$1.92 -15%	-\$3.52 -13%	-\$4.00 -15%
	Combined Rate (Dec 2003- Jan 2004)	Row 8 vs Row 7	difference %	\$0.31 3%	-\$1.52 -9%	-\$2.42 -11%
	Combined Rate (Jan 2004- May 2004)	Row 9 vs Row 8	difference %	-\$1.26 -11%	-\$3.16 -20%	-\$5.03 -25%
	Combined Rate (May 2004- Aug 2005)	Row 17 vs Row 9	difference %	\$4.95 46%	\$5.43 43%	\$5.89 39%
	Combined Rate (Jun 2005- Aug 2005)	Row 11 vs Row 10	difference %	\$4.20 38%	\$3.54 24%	\$2.89 16%
	Combined Rate (Aug 2005- Jan 2006)	Row 18 vs Row 11	difference %	\$1.54 9%	\$3.13 19%	\$4.70 18%
	Combined Rate (Jan 2006- Aug 2006)	Row 25 vs Row 18	difference %	\$1.59 9%	\$4.58 18%	\$7.54 23%

Schedule C.14 - Example Rate Rider Effects: Large General Service Transmission - Not RRO Eligible			GST not included			
Includes Cost of Energy in Effective Rate Schedules at the Time of Flow-Through Charge Amount or Forecast of Energy Charge			Large General Service Class Consumption Levels Cost per Customer (\$/month)			
Row	Rate Component	Effective Date	Typical			
			766,500 kWh per month Demand 1500 kW	1,022,000 kWh per month Demand 2000 kW	1,277,500 kWh per month Demand 2500 kW	
1	Dec. 1999 Rate	1999	\$35,949.31	\$47,650.58	\$57,765.87	
2	Dec 2000 Rate	2000	\$32,091.08	\$42,297.53	\$52,503.99	
3	New Combined Rate (AB Government Rebate Included), July 1 - Dec. 31, 2001	July 1 - Dec. 31, 2001	\$72,399.66	\$95,872.26	\$119,344.87	
4	Combined Rate, Jan. 1, 2002	Jan. 1, 2002	\$46,665.94	\$61,525.64	\$76,385.34	
5	Combined Rate, July 1, 2002	Jul 1, 2002	\$55,174.09	\$72,869.84	\$90,565.59	
6	Combined Rate, January 1, 2003	Jan 1, 2003	\$87,779.47	\$116,343.68	\$144,907.89	
7	Predicted Combined Rate, December 1, 2003	Dec 1, 2003	\$46,677.44	\$61,540.97	\$76,404.50	
8	Predicted Combined Rate, January 1, 2004	Jan 1, 2004	\$57,682.08	\$76,213.82	\$94,745.57	
9	Predicted Combined Rate, May 1, 2004	May 1, 2004	\$47,832.55	\$68,477.28	\$85,074.90	
10	Predicted Combined Rate, June 1, 2004 (Rider G set to \$06/W.h)	May 1, 2004	\$54,018.21	\$71,328.66	\$88,639.12	
11	Predicted Combined Rate, August 1, 2005	Aug 1, 2005	\$55,866.37	\$71,040.82	\$88,799.87	
January 1, 2006						
12	Forecast Energy Rates, Jan 1, 2006	Jan 1, 2006	\$54,173.18	\$72,229.36	\$90,285.55	
13	+No RRO Deferral	Jan 1, 2006	\$0.00	\$0.00	\$0.00	
14	2006 Energy Related Charge	Jan 1, 2006	\$54,173.18	\$72,229.36	\$90,285.55	
Row 12 + Row 13						
15	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I filed)	Jan 1, 2006	\$26,789.80	\$25,428.39	\$26,624.99	
16	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/AWh)	Jan 1, 2006	-\$766.50	-\$1,022.00	-\$1,277.50	
17	Net DT Charges	Jan 1, 2006	\$26,023.30	\$24,406.39	\$25,347.49	
Row 15 + Row 16						
18	Predicted Combined Rate, January 1, 2006	Jan 1, 2006	\$80,196.47	\$96,635.75	\$115,633.04	
Row 14 + Row 17						
August 1, 2006						
19	Forecast Energy Rates, Aug 1, 2006	Aug 1, 2006	\$54,173.18	\$72,229.36	\$90,285.55	
20	+/- RRO Deferral	Aug 1, 2006	\$0.00	\$0.00	\$0.00	
21	2006 Energy Related Charge	Aug 1, 2006	\$54,173.18	\$72,229.36	\$90,285.55	
Row 19 + Row 20						
22	AE Interim DT Base Rates (Scaled 2004 Final Rates-Phase I Compliance Filing)	Aug 1, 2006	\$26,789.80	\$29,265.39	\$31,740.99	
23	+/- Other (TAP Deferral, Other than Pool Price, Rev. Req. Adjustment) - New Refund Rider (Balancing Pool Refund Rider of \$0.001/AWh)	Aug 1, 2006	-\$866.15	-\$1,154.86	-\$1,443.58	
24	Net DT Charges	Aug 1, 2006	\$25,923.65	\$28,110.53	\$30,297.42	
Row 22 + Row 23						
25	Predicted Combined Rate, August 1, 2006	Aug 1, 2006	\$80,096.83	\$100,339.89	\$120,552.96	
Row 21 + Row 24						
Comparisons						
	Combined Rate (Jan 2002- Jul 2002)	Row 5 vs Row 4	difference %	\$8,508.19 18%	\$11,344.20 19%	\$14,180.26 19%
	Combined Rate (Jul 2002- Jan 2003)	Row 6 vs Row 5	difference %	\$32,605.38 59%	\$43,473.84 50%	\$54,342.30 60%
	Combined Rate (Jan 2003- Dec 2003)	Row 7 vs Row 6	difference %	-\$41,102.02 -47%	-\$54,802.71 -47%	-\$68,553.98 -47%
	Combined Rate (Dec 2003- Jan 2004)	Row 8 vs Row 7	difference %	\$11,004.64 24%	\$14,672.86 20%	\$18,341.07 24%
	Combined Rate (Jan 2004- May 2004)	Row 9 vs Row 8	difference %	-\$9,849.53 -17%	-\$7,336.54 -10%	-\$9,670.68 -10%
	Combined Rate (May 2004- Aug 2005)	Row 17 vs Row 9	difference %	\$8,033.82 17%	\$2,580.54 4%	\$3,724.98 4%
	Combined Rate (Jun 2005- Aug 2005)	Row 11 vs Row 10	difference %	\$1,848.16 3%	-\$287.84 0%	\$160.76 0%
	Combined Rate (Aug 2005- Jan 2006)	Row 18 vs Row 11	difference %	\$24,330.10 30%	\$25,594.93 26%	\$26,833.17 29%
	Combined Rate (Jan 2006- Aug 2006)	Row 25 vs Row 16	difference %	-\$95.64 0%	\$3,704.14 4%	\$4,949.90 4%

ATCO ELECTRIC
2006 Interim Rate Application
Energy Rates Used in Schedules C.1 to C.14

	Admin. Charges		Cost of Energy (\$ / kWh)
	Fixed (\$ / Month)	Variable (\$ / kWh)	
D11	6.18	0.00031	0.07475
D21	6.27	0.00031	0.07442
D31	4.62	0.00031	0.07036
T31	4.62	0.00031	0.07036
D41	6.27	0.00031	0.07087
D51	6.27	0.00031	0.07339
D56	6.27	0.00031	0.07339
D25	6.27	0.00031	0.07115
D61	3.87	0.00031	0.05821
D63	3.87	0.00031	0.05821
D26	6.27	0.00031	0.07115

Rates used are the RRO Rates as posted on Direct Energy Regulated Services website (Oct. 5/2005)
 These rates are used for the August 1, 2005, January 1, 2006 and August 1, 2006 scenarios.

Availability

- Rider Q is designed to true-up outstanding 2003 and 2004 Non-Energy Regulated Rate Tariff (RRT) matters.
- The Company's applicable charges under the following Price Schedules will be adjusted by the amounts noted below:

Price

This Rider will apply on energy consumption effective August 1, 2006.

Regulated Rate	Applicable Distribution Tariff Price Schedule	Charge (¢/kW.h)
		“+” = Charge “-” = Refund
E1	D11 Residential	1.196
E2	D21, D22 Small General Service	0.093
E3	D31, T31, D32 Large General Service/Industrial & Generator Interconnection	-0.293
E4	D41 Small Oilfield and Pumping Power	-1.086
E51	D51, D52 REA Farm Service	0.418
E56	D56 Farm Service	0.418
E6	D61, D63 Lighting Service	7.757
E7	D25, D26 Irrigation Pumping Service	1.519

Note: Rider Q does not apply to Rider A-1, Rider E, Rider J and Rider G.

**ATCO ELECTRIC
2006 Rider Application No. 1460317**

**Information Response No. 1 To:
The Alberta Energy and Utilities Board
Received: May 23, 2006**

BR-ATCO-3

Reference: 2006 Rider Application, Appendix A, Schedule A.14

Preamble: The Board wishes to understand the 5 month energy forecast used to determine the 2006 Rider Q amount.

Request:

- (a) The Board notes AE's 5 month energy forecast of 800,631 MW.h as shown in Schedule A.14, which includes 335,216 MW.h for the Residential rate class. The Board notes that the full year energy forecast for Residential customers as contained in the 2005-2006 GTA was 890,527 MW.h. Please provide a reconciliation of the full-year forecast to the 5 month forecast for all rate classes

Response:

- (a) The 5 month energy forecast used to determine the 2006 Rider Q amount was not derived from the 2005-2006 GTA therefore a reconciliation is not possible. The energy forecast for sub periods for the 2003 RRO Rider Application No. 1300792 as shown in Attachment 1, BR-ATCORRO-3(b), was derived using the actual 2002 RRT consumption. Also refer to Schedule 1, BR-ATCORRO-3(b) Schedule 3 a modified 5 month calculation from the same Application. In summary,
- the average use per customer by class was derived.
 - The total customers for December was determined from the snapshot.



- This customer number was then multiplied by 5 months and by the average use per customer.

The same average use per customer was used in last years 2005 Rider Q for this customer grouping. The 2005 Rider Q resulted in a minor residual of -\$164,200 as seen in Schedule_A.14, column C.

BR-ATCORRO-3b_Schedule_3

	COM	FRM	IND	IRR	LITE	OIL	RES	Total	
a	Total Energy (kW.h)* - yr	467,247,450	424,174,599	181,631,617	2,958,896	7,309,172	91,821,458	799,544,355	1,974,687,548
b	Total Customer** - yr	214,662	339,657	10,337	102	151,226	24,109	1,348,912	2,089,006
c=a/b	Average Usage (kW.h/cust.)	2176.7	1248.8	17570.6	28954.8	48.3	3808.5	592.7	
d	Total Customers** - for Dec.	17,697	28,363	776	-	11,721	1,227	113,109	172,894
e	Adjustment to customers***				9				9
f=d+e	Total Customers - Dec (adj)	17,697	28,363	776	9	11,721	1,227	113,109	172,903
g=d*5	Total Customers - 5 month	88,486	141,817	3,882	45	58,605	6,136	565,544	864,514
h=g*c	Energy for 5 months	192,603,790	177,105,690	68,201,524	1,302,966	2,832,542	23,367,768	335,216,303	800,630,582
i=h/1000	Conversion to MW.h	192,604	177,106	68,202	1,303	2,833	23,368	335,216	800,631
g=d*6	Total Customers - 6 month	106,183	170,180	4,658	54	70,326	7,363	678,653	1,037,417
h=g*c	Energy for 6 months	231,124,548	212,526,828	81,841,828	1,563,559	3,399,050	28,041,322	402,259,564	960,756,699
i=h/1000	Conversion to MW.h	231,125	212,527	81,842	1,564	3,399	28,041	402,260	960,757
j=d*9	Total Customers - 9 month	159,274	255,270	6,987	81	105,489	11,044	1,017,979	1,556,125
k=j*c	Energy for 9 months	346,686,822	318,790,242	122,762,743	2,345,338	5,098,575	42,061,983	603,389,346	1,441,135,048
l=k/1000	Conversion to MW.h	346,687	318,790	122,763	2,345	5,099	42,062	603,389	1,441,135
m=d*12	Total Customers - 12 month	212,366	340,361	9,316	108	140,652	14,726	1,357,305	2,074,833
n=m*c	Energy for 12 months	462,249,096	425,053,657	163,683,657	3,127,117	6,798,100	56,082,644	804,519,128	1,921,513,398
o=n/1000	Conversion to MW.h	462,249	425,054	163,684	3,127	6,798	56,083	804,519	1,921,513
2002 RRO Deferral Amount (\$000's)		926	776	434	5	89	(60)	2,668	4,839
Rate if 5 mo. collection period (¢/kW.h)		0.481	0.438	0.637	0.362	3.149	(0.256)	0.796	
Rate if 6 mo. collection period (¢/kW.h)		0.401	0.365	0.530	0.302	2.624	(0.213)	0.663	
Rate if 9 mo. collection period (¢/kW.h)		0.267	0.244	0.354	0.201	1.749	(0.142)	0.442	
Rate if 12 mo. collection period (¢/kW.h)		0.200	0.183	0.265	0.151	1.312	(0.107)	0.332	
2003 RRO Deferral Amount (\$000's)		-	5,481	-	0	-	-	11,089	16,571
Rate if 5 mo. collection period (¢/kW.h)			3.095		-			3.308	
Rate if 6 mo. collection period (¢/kW.h)			2.579		0.000			2.757	
Rate if 9 mo. collection period (¢/kW.h)			1.719		0.000			1.838	
Rate if 12 mo. collection period (¢/kW.h)			1.290		0.000			1.378	

* Total Energy is the preliminary RRO Sales number as per ATCO billing system

** Total Customers is the preliminary RRO Sales Customers as per ATCO billing system

*** Adjustment to customers was applied to Irrigation Customers since they do not receive a bill for December and realized they required energy values to distribute their collection period over



2003 Interim Regulated Rate Option Rider Application
Application No. 1300792

Information Response No. 1 To:
Alberta Energy and Utilities Board
Received: May 23, 2003

BR-ATCORRO-3

Reference: Application, [Figure 1.0](#) and [2.0](#), page 3-3

Request:

- (a) Please provide illustrations similar to Figures 1.0 and 2.0 provided in page 3-3 of the Application, showing the proposed impact of the 2002 RRO Deferral rider and the 2003 RRO Energy Deferral rider on the ATCO farm customer.
- (b) Please provide additional illustrations similar to those provided on page 3-3 of the Application, showing the individual impacts of collecting the 2002 RRO and the 2003 RRO Energy Deferral on the residential customer and on the farm customer, whereby the riders are collected as follows:
 - 1. The 2002 RRO Deferral rider and the 2003 RRO Energy Deferral rider are collected starting July 2003 with 2002 RRO Deferral rider in place for six months while the 2003 RRO Energy Deferral rider is in place for one year.
 - 2. The 2002 RRO Deferral rider and the 2003 RRO Energy Deferral rider are collected starting July 2003, with 2002 RRO Deferral rider in place for six months while the 2003 RRO Energy Deferral rider is in place for nine months.

Response:

- (a) Figures [BR-ATCORRO-3a_Schedule_1](#) (REA Farm Customer) and [BR-ATCORRO-3a_Schedule_2](#) (Company Farm Customer) contain [Figures 1.0](#) and [2.0](#) of the application, revised to include the riders for these two RRO rate classes.

- (b) To calculate its proposed riders, ATCO Electric had to develop a forecast of the energy consumption of the customers who were deemed to be responsible for the respective deferral accounts.

It is important to note that the forecast energy used within these calculations of the riders is the predicted usage for those customers captured in the “snap shot” of customers taken at the end of a specific period (e.g. RRO customers as of January 1, 2003 for the 2002 RRO Deferral account), and is not associated with ATCO Electric’s 2003-2005 GTA application.

With respect to the 2002 RRO Deferral rider, an average monthly usage per customer from 2002 was determined using 2002 RRO consumption data. The number of customers observed on AE’s RRO for December 2002 was used as a proxy for the number of customers responsible for this deferral for the design of this rider. Within the application, the recovery period was for a 6 month period so, the December 2002 number of RRO Customers was multiplied by 6 to forecast the total number of customers to collect the deferral from. The average monthly usage per customer was then applied to estimate the forecast amount of energy to be consumed during the collection period.

To illustrate the impact of the 2003 RRO deferrals, a forecast of energy was also required. The same procedure done in 2002 was contemplated for the January 1 – March 31, 2003 timeframe. Since complete billing information was not available (some quarterly farm customers yet to be billed) and normalization for seasonal variation would be required, an assumption was made that the number of customers responsible for the 2003 deferral would be the same as the number customers observed on the RRO in December 2002. In addition the same average monthly consumption was used in the design of the 2003 rider. Please refer to [BR_ATCORRO-3b_Schedule_3](#).

3(b)1

Please refer to:

- [BR-ATCORRO-3b1_Schedule_4.xls](#),
- [BR_ATCORRO-3b1_Schedule_5.xls](#), and
- [BR_ATCORR-3b1_Schedule_6.xls](#).

Please note, in discussion with ATCO billing personnel, a minimum of 6 weeks would be required to test the billing of this alternative in which a customer could be subject to 0, 1, or 2 of these RRO riders, depending on the timeframe that the customer was on ATCO Electric's RRO. The ATCO Electric billing system is currently set up for the application of only a single RRO rider. This alternative would require the development and testing of a 2nd RRO rider in the ATCO Electric billing system, due to the concurrent nature of the collection of 2002 and 2003 RRO deferral accounts, and the fact that not all customers are responsible for both RRO Deferral accounts. Therefore, a July 1, 2003 implementation date would not be possible given ATCO Electric's requested Decision date of June 9, 2003.

3(b)2

Please refer to:

- [BR-ATCORRO-3b2_Schedule_7.xls](#),
- [BR-ATCORRO-3b2_Schedule_8.xls](#), and
- [BR-ATCORR-3b2_Schedule_9.xls](#).

Similar to the previous scenario, a minimum of 6 weeks would be required to test the billing of this alternative.



ATCO ELECTRIC
2006 Rider Application No. 1460317

Information Response No. 1 To:
The Alberta Association of Municipal Districts & Counties
and the Alberta Federation of REA's Ltd.
Received: May 23, 2006

REA-AAMDC-ATCO-1

Reference: Remainder of 2005 Deferral Accounts

Preamble: Page 7, Component E: 2005 Deferral Accounts; and Schedule A6

Request:

- (a) Please provide the details by rate class of AE's calculation of the \$4.768 million collection from customers relating to transmission access payments.
- (b) The other 2005 deferral amounts resulting in a refund to customers of \$853,000 consist of a number of components. Please provide by the same components from the 2005 Rider application the breakdown by rate class of the proposed other 2005 deferral accounts refund of \$853,000.

Response:

- (a) Please note that the correct amount shown in Schedule A.6 is \$4.278 million, not \$4.768 million as stated in the question. As outlined in the application, ATCO Electric has allocated the refund/collection of the 2005 deferral estimate associated with transmission access payments based on its approved 2005 energy forecast by rate class. Since customers on T31/T33 rate class are charged for the transmission component on a flow-through basis, this rate class is not included in the allocation of the transmission access payments deferral account. As a result, energy associated with this rate is subtracted from the total 2005 amount. For example, allocation of 2005 Transmission Access Payments



relating to customers on Rate Class D11 is determined by calculating the following:

D11 2005 Energy ÷ [Total 2005 Energy – T31/T33 Energy] x Total 2005 Transmission Access Payments.

$$861,254 \text{ MW.h} \div [9,567,254 \text{ MW.h} - 1,568,836 \text{ MW.h}] \times \$4,268 = \$460$$

These amounts by rate class are set out in Appendix A, Schedule A.6, Column B, page 6 of 14 of the application.

- (b) The amount shown in Column C from Appendix A, Schedule A.6, relating to the remainder of 2005 deferral accounts is set out by rate class in the attached REA-AAMDC-ATCO-01(b) Schedule 1. Allocation is based on 2005 forecast revenue at existing rates.

ATCO Electric
2006 Rider Application
Schedule A.6: 2005 Deferrals

Component E

	A	B	C	D	E=B thru D	J	K=J/I*100
			(via A, Sch. A.2)	(via B+C)	(via A)		
		2005	Remainder of	Carrying	Total	Forecast of	Rider
	2005 Energy	Transmission	Deferral	Costs		5 months of	Component
<u>Rate Class</u>	<u>(MW.h)</u>	<u>Access</u>	<u>Accounts</u>	<u>(\$'000)</u>	<u>(\$'000)</u>	<u>(MW.h)</u>	<u>(¢/kW.h)</u>
		<u>Payments</u>	<u>(\$'000's)</u>				
		<u>(\$'000's)</u>					
D11	861,254	460	-257	10	213	378,771	0.056
D21/D22	610,143	326	-121	10	214	258,720	0.083
D25/D26	2,168	1	-1	0	0	650	-0.029
D31/D32/D33	5,673,267	3,027	-322	130	2,835	2,475,488	0.115
T31/T33	1,568,836	0	-2	0	-2	712,559	0.000
D41	395,311	211	-74	7	143	167,320	0.086
D51/D52	150,969	81	-15	3	69	62,473	0.111
D56	280,887	150	-47	5	108	117,570	0.092
D61	20,406	11	-12	0	-2	9,773	-0.016
D63	4,013	2	-2	0	0	1,884	-0.018
Total	9,567,254	4,268	-853	164	3,579	4,185,210	

	M	N	O	P	Q	R=N+O+P+Q
	2005	Column C breakdown by Deferral Amounts				
	Forecast	CCA Claim	Deducting	Load	Border	Remainder of
	Revenue		tax purposes	Settlement	Customer	Deferral
<u>Rate Class</u>	<u>at Existing</u>	<u>(\$'000's)</u>	<u>(\$'000's)</u>	<u>(\$'000's)</u>	<u>(\$'000's)</u>	<u>Accounts</u>
	<u>Rates</u>					<u>(\$'000's)</u>
	<u>(\$'000's)</u>					
D11	68,767	56	-180	-49	-84	-257
D21/D22	32,413	27	-85	-23	-39	-121
D25/D26	358	0	-1	0	0	-1
D31/D32/D33	86,264	71	-226	-62	-105	-322
T31/T33*	470	0	-1	0	-1	-2
D41	19,868	16	-52	-14	-24	-74
D51/D52	3,885	3	-10	-3	-5	-15
D56	12,462	10	-33	-9	-15	-47
D61	3,312	3	-9	-2	-4	-12
D63	662	1	-2	0	-1	-2
	228,460	187	-599	-164	-277	-853

**ATCO ELECTRIC
2006 Rider Application No. 1460317**

**Information Response No. 1 To:
The Alberta Association of Municipal Districts & Counties
and the Alberta Federation of REA's Ltd.
Received: May 23, 2006**

REA-AAMDC-ATCO-2

**Reference: Rider Q
Appendix A, Revised Schedule A13, May 19, 2006**

Preamble: Appendix A shows that the 2003 Customer Costs allocated to Farm Customers in for the 12 month period AE provided the RROT was \$543,100 (or average of \$45,200/month) and increased to \$681,100 for the part year that AE provided the RRT in 2004 (sale to Direct Energy May 4/04) (average of \$681,100/4 months = \$170,000/month). The explanation provided by AE is: Farm billing went from quarterly in 2003 to monthly in 2004; hence actual costs allocated to farm customers increase from 2003 to 2004.

Request:

- (a) Please provide details of AE's methodology and the AE's calculations for the allocation of actual costs to Farm customers and provide the same detail for all other rate classes.
- (b) Please explain/discuss the reasonableness of the increase in costs to Farm customers relative to each component of the costs allocated on a customer basis resulting for the change to monthly billing. Please include which costs would increase and which would decrease due to the change to a monthly versus a quarterly billing.
- (c) For the Customer Costs, please calculate the average cost per Farm customer per month in 2003 to the average cost per Farm customer per month in 2004.

Response:

- (a) ATCO Electric's RROT non-energy cost allocation methodology used in this Application is consistent with previously approved methods. The only difference is that farm customers have been allocated costs based on monthly billing for 2004 versus quarterly billing for 2003 and prior. Please refer to Appendix A Schedule A.7 to A.12 of the application for the cost of service schedules outlining the methodology and calculations.

- (b) The increase in Customer Accounting costs to Company Farm and REA Farm customers are reasonable. First, changes to the System Settlement Code required more frequent meter reading of all customers. Secondly, the need to provide customers with more up to date and accurate information necessitated increasing the billing frequency to all customers. This practice (billing frequency) is now part of the Tariff Billing Code.

Without the increase in meter reading and billing frequencies, Customer Accounting costs would have been allocated to the Company Farm and REA Farm rate classes as shown in BR-ATCO-03(c) Schedule 3 (from Application No. 1282255, ATCO Electric's 2003-2004 Regulated Rate Option Tariff Non-Energy Rates). The change in these frequencies (meter reading/billing) did not alter the allocation of the share of DT Fixed Costs and Overhead to these rate changes.



A comparison of the allocation of Customer Accounting costs to the farm rate classes for 2003 and 2004 are as follows:

Customer Accounting Costs (\$000)
Before increased meter reading and billing frequencies

RRO Rate Class	2003	2004*	2004-2003
Company Farm	214.1	144.0	(70.1)
REA Farm	130.8	88.0	(42.8)
Total	344.9	232.0	(112.9)

* - From BR-ATCO-03(c) Schedule 3

By changing the meter reading and billing frequencies to monthly, Customer Accounting costs are allocated as follows:

Customer Accounting Costs (\$000)
After increased meter reading and billing frequencies

RRO Rate Class	2003	2004**	2004-2003
Company Farm	214.1	380.9	166.8
REA Farm	130.8	232.7	101.9
Total	344.9	613.6	268.7

** - From Appendix A Schedule A.11

The increase in meter reading and billing frequency has attracted \$381,600 more costs to the Company Farm and REA Farm rate classes.

(c) For a valid comparison, a step process should be used to illustrate the fundamental differences between 2003 and 2004. These fundamental changes are described in part (b) above. Based on the number of farm customers in 2003 and 2004, the average cost per farm customer per month in 2003 and 2004 is:

<u>Year</u>	<u>Amount</u>
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2003	$\$543,100 \div 12 \div 29,702$ (REA and Company Rural Farm Customers) = \$1.52 per farm customer per month
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2004	Assuming meter reading and billing frequencies are the same as those in 2003.
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$\$299,500$ (232,000 Customer Accounting costs + 67,000 Share of DT Fixed Costs and Overhead) \div 6 months \div 29,403 (REA and Company Rural Farm Customers)
= \$1.70 per farm customer per month

Increased Customer Accounting costs due to change in meter reading and billing frequencies:

$\$381,600 \div$ 6 months \div 29,403 (REA and Company Rural Farm Customers)
= \$2.16 per farm customer per month

Total 2004 fixed costs:

= \$1.70 + \$2.16

= \$3.86 per farm customer per month



Note: monthly average number of farm customers is based on 2003 and 2004 actuals as filed in Schedule 13-B-1 in ATCO Electric's GTA (Application No. 1399997).