



Monthly Energy Rate
Feb-09

Rate Class	TEC	45EC	HLSC	PCG & LOC	NEC	NEC Adj	TC	PTC	RComp	IP	RM	CC	Feb-09 Rate (\$/MWh)	Feb-09 Rate (¢/kWh)
Residential	\$35.14	\$68.10	\$4.71	\$0.17	\$0.52	(\$0.07)	\$0.02	\$0.27	\$4.25	\$0.34	\$2.46	\$ 0.01	\$115.92	11.592
Commercial	\$34.95	\$67.73	\$4.71	\$0.17	\$0.52	(\$0.07)	\$0.02	\$0.27	\$4.25	\$0.34	\$2.46	\$ 0.01	\$115.36	11.536
Industrial	\$33.70	\$65.30	\$4.71	\$0.17	\$0.52	(\$0.07)	\$0.02	\$0.27	\$4.25	\$0.34	\$2.46	\$ 0.01	\$111.67	11.167
Farming (Includes REA)	\$34.45	\$66.76	\$4.71	\$0.17	\$0.52	(\$0.07)	\$0.02	\$0.27	\$4.25	\$0.34	\$2.46	\$ 0.01	\$113.88	11.388
Irrigation (Includes REA)	\$34.45	\$66.76	\$4.71	\$0.17	\$0.52	(\$0.07)	\$0.02	\$0.27	\$4.25	\$0.34	\$2.46	\$ 0.01	\$113.88	11.388
Oil & Gas	\$33.64	\$65.19	\$4.71	\$0.17	\$0.52	(\$0.07)	\$0.02	\$0.28	\$4.25	\$0.34	\$2.46	\$ 0.01	\$111.51	11.151
Lighting	\$26.65	\$51.63	\$4.71	\$0.17	\$0.52	(\$0.07)	\$0.02	\$0.27	\$4.25	\$0.34	\$2.46	\$ 0.01	\$90.96	9.096

Schedule 2 Schedule 2 Schedule 3 Schedule 5 Schedule 5 Schedule 5 Schedule 4 Schedule 4 Schedule 3 Schedule 3 Schedule 3

Monthly Energy Rate_{rc} = TEC_{rc} (Schedule 2 (line 10:16)) + 45EC (Schedule 2 (line 10:16)) + HLSC (Schedule 3 (line 2)) + PCG&LOC (Schedule 5 (line 10)) + NEC (Schedule 5 (line 16)) + NEC Adjustment (Schedule 5 (line 23)) + TC_{rc} (Schedule 4 (line 2:8)) + PTC_{rc} (Schedule 4 (line 11:17)) + RComp (Schedule 3 (line 3)) + IP (Schedule 3 (line 23)) + RM (Schedule 3 (line 21)) + RM Shortfall (Schedule 8 (line 11:17)) + CC (Schedule 6 (line 13))

Schedule 2 - Off-Peak and Peak Energy Portfolio Costs by Rate Class
Feb-09

Line No	Description	Units	TPEC	TOPEC	45PEC	45OPEC	OC
1	Monthly Total Energy Cost	\$	4,469,002	607,689	8,661,878	1,176,085	-
2	Residential	\$	2,130,644	268,198	4,129,642	519,054	0
3	Commercial	\$	939,185	124,364	1,820,341	240,687	0
4	Industrial	\$	219,740	37,053	425,904	71,710	0
5	Farming	\$	1,133,604	167,325	2,197,166	323,830	0
6	Irrigation	\$	0	0	0	0	0
7	Oil & Gas	\$	37,909	7,010	73,476	13,567	0
8	Lighting	\$	7,919	3,739	15,349	7,237	0

Term Volume Energy Cost_{rc} = [TPEC_{(Schedule 2 (line 1))} X RCFPLPrc_{(Schedule 7 (line 8:14))}] + [TOPEC_{(Schedule 2 (line 1))} X RCFOPLP_{rc(Schedule 7 (line 8:14))}]
 45 -Day Energy Cost_{rc} = [45PEC_{(Schedule 2 (line 1))} X RCFPLPrc_{(Schedule 7 (line 8:14))}] + [45OPEC_{(Schedule 2 (line 1))} X RCFOPLP_{rc(Schedule 7 (line 8:14))}] + OC_{rc}
 OC_{rc} = Option Cost X LDTLF_{rc(Schedule 7 (line 15:21))} ÷ LDTLF_{(Schedule 7 (line 22))}

9	Monthly Total Energy Charge		TEC	45EC
10	Residential	\$/MWh	35.14	68.10
11	Commercial	\$/MWh	34.95	67.73
12	Industrial	\$/MWh	33.70	65.30
13	Farming	\$/MWh	34.45	66.76
14	Irrigation	\$/MWh	34.45	66.76
15	Oil & Gas	\$/MWh	33.64	65.19
16	Lighting	\$/MWh	26.65	51.63

Term Energy Charge_{rc} = (TPEC_{rc} + TOPEC_{rc})_{(Schedule 2 (line 2:8))} ÷ LDMLF_{rc(Schedule 7 (line 22))}
 45-Day Energy Charge_{rc} = (45PEC_{rc} + 45OPEC_{rc})_{(Schedule 2 (line 2:8))} ÷ LDMLF_{rc(Schedule 7 (line 22))}

Schedule 3 - Hourly Load Shape Compensation, Risk Compensation, Return Margin and Incentive Payment
Feb-09

Line No	Description	Units	Feb-09
1	Peak Price Index	\$/MWh	122.49
2	HLSC (reference: Terms of Settlement 1(h))	\$/MWh	4.709
3	Rcomp (reference: Schedule E "Rcomp")	\$/MWh	4.255
4	Risk Compensation (reference: Terms of Settlement 1(h))	\$/MWh	3.705
5	Total Credit Default Risk (calculated with actual trades and Schedule J)	\$	1,126
6	Credit Default Risk Rate	\$/MWh	0.008
7	RAM Monthly Forecast Costs	\$	79,093
8	RAM Monthly Forecast Rate	\$/MWh	0.542
9	12 Months of Historical RAM		
10		Jan-08	-
11		Feb-08	(5,459.47)
12		Mar-08	5,338.02
13		Apr-08	(11,737.78)
14		May-08	447,203.60
15		Jun-08	252.84
16		Jul-08	509,399.85
17		Aug-08	-
18		Sep-08	50.15
19		Oct-08	-
20		Nov-08	4,063.37
		Dec-08	-
21	RM	\$/MWh	2.46
22	IP	\$	50,000
23	IP Rate (reference: Terms of Settlement 1(k))	\$/MWh	0.343

$$\text{HLSC} = [\$1.59 + ((\text{Max}(\text{Peak Price Index}_{(\text{Schedule 3 (line 1))}, 65.00)} - 65.00) \times 0.05)] \times \text{LDTLF}_{(\text{Schedule 7 (line 22)})} \div \text{LDMLF}_{(\text{Schedule 7 (line 22)})}$$

$$\text{Risk Compensation} = [\$1.50 + ((\text{Max}(\text{Peak Price Index}_{(\text{Schedule 3 (line 1))}, 65.00)} - 65.00) \times 0.035)] \times \text{LDTLF}_{(\text{Schedule 7 (line 22)})} \div \text{LDMLF}_{(\text{Schedule 7 (line 22)})}$$

$$\text{RCOMP} = \text{Risk Compensation}_{(\text{Schedule 3 (line 4)})} + \text{Credit Default Risk}_{(\text{Schedule 3 (line 6)})} + \text{RAM Monthly Forecast Rate}_{(\text{Schedule 3 (line 8)})}$$

**Schedule 4 - Transaction Costs and Pool Trading Charges by Rate Class
Feb-09**

<u>Line No</u>	<u>Description</u>	<u>Units</u>	<u>Feb-09</u>
1	Transaction Costs (reference: Schedule A "Transaction Costs")	(\$)	2,650
2	Residential	\$/MWh	0.018
3	Commercial	\$/MWh	0.018
4	Industrial	\$/MWh	0.018
5	Farming	\$/MWh	0.018
6	Irrigation	\$/MWh	0.018
7	Oil & Gas	\$/MWh	0.019
8	Lighting	\$/MWh	0.018
9	$TC_{rc} = \{ TC_{(Schedule\ 4\ (line\ 1))} \times (LDTLF_{rc\ (Schedule\ 7\ (line\ 15:21))} \div LDTLF_{(Schedule\ 7\ (line\ 22))}) \} \div LDMLF_{rc\ (Schedule\ 7\ (line\ 15:21))}$		
10	Pool Trading Charges (reference: Schedule E "PTC")	\$/MWh	0.257
11	Residential	\$/MWh	0.270
12	Commercial	\$/MWh	0.271
13	Industrial	\$/MWh	0.272
14	Farming	\$/MWh	0.272
15	Irrigation	\$/MWh	0.272
16	Oil & Gas	\$/MWh	0.276
17	Lighting	\$/MWh	0.270
18	$PTC_{rc} = PTC_{(Schedule\ 4\ (line\ 10))} \times (LDTLF_{rc\ (Schedule\ 7\ (line\ 15:21))} \div LDMLF_{rc\ (Schedule\ 7\ (line\ 15:21))}$		

**Schedule 5 - PCG & LOC Costs, Non-Energy Costs and Non-Energy Cost Adjustment
Feb-09**

Line No	Description	Units	Feb-09
1	LDMLF <i>(Schedule 7 (line 22))</i>	MWh	145,845
2	PCG & LOC Posted Amount for NGX	\$	10,000,000
3	PCG & LOC Annual Rate <i>(reference: Schedule A "PCG&LOC Costs")</i>		1.000
4	PCG & LOC Costs Monthly for NGX	\$	8,333
5	PCG & LOC Posted Amount for ISO (as per Section 21 of RRO Regulation)	\$	25,500,000
6	PCG & LOC Annual Rate <i>(reference: Schedule A "PCG&LOC Costs")</i>		0.775
7	PCG & LOC Costs Monthly for ISO	\$	16,469
8	PCG & LOC Costs for other Counterparties	\$	-
10	Total PCG & LOC (\$/MWh)	\$/MWh	0.17
11	Non-Energy Costs		
12	Monthly Operating & Capital Costs <i>(reference: Terms of Settlement 1(h))</i>	\$	61,050
13	Monthly Implementation Costs*		10,000
14	Hearing/Negotiation Costs*	\$	4,412
15	Total Non-Energy Costs	\$	75,462
16	Non-Energy Costs Rate (\$/MWh)	\$/MWh	0.52
17	Non-Energy Cost Adjustment		
18	Recovered in past quarter	\$	57,673
19	Actual Costs	\$	46,974
20	Non-Energy Costs Adjustment (under/(over recovery)) line 19-line 20	\$	(10,699)
21	Non-Energy Cost Adjustment (\$/MWh)	\$/MWh	(0.07)

*These amounts are subject to deferral accounts

Line 2 - NGX Posted Amount will be updated on a monthly basis

Line 5 - ISO Rules - DERS will be required to post PCG and LOC

Line 8 - DERS to post PCG & LOC for other counterparties as required depending on actual trades

Line 17 - NEC Adjustment will be done quarterly based on filed quarterly costs and actual load (Adjust Implementation Costs and Hearing/Negotiation Costs)

Schedule 6 - Carrying Costs
Feb-09

Line No	Description	Units	Feb-09
1	Paid Hearing/Negotiation costs	\$	264,692
2	Recovered through Rates	\$	138,964
3	Mid-Month Balance of Hearing/Negotiation Account	\$	125,729
4	Current Working Capital Rate (before Tax) <i>(reference: Schedule A "Carrying Costs")</i>	%	8.03%
5	Monthly Carrying Costs (Hearing/Negotiation Cots)		841
6	Paid Option Premiums	\$	-
7	Option Premiums included in rates	\$	-
8	Carried Option Premiums	\$	-
9	Current Working Capital Rate (before tax)	%	8.03%
10	Monthly Carrying Costs (Option Premiums)		-
11	Total Monthly Carrying Costs <i>(line 5 + line 10)</i>		841
12	LDMLF		145,845
13	Carrying Cost (\$/MWh)		0.006

Note: Working Capital rate includes tax

Schedule 7 - Monthly Forecast Load Data
Feb-09

Monthly On-Peak and Off-Peak Forecast by rate class

Line No		On-Peak	Off-Peak
1	Residential	53,048	18,785
2	Commercial	23,384	8,711
3	Industrial	5,471	2,595
4	Farming	28,224	11,720
5	Irrigation	-	-
6	Oil & Gas	944	491
7	Lighting	197	262

Monthly On-Peak and Off-Peak share by rate class

		RCFPLP	RCFOPLP
8	Residential	47.7%	44.1%
9	Commercial	21.0%	20.5%
10	Industrial	4.9%	6.1%
11	Farming	25.4%	27.5%
12	Irrigation	0.0%	0.0%
13	Oil & Gas	0.8%	1.2%
14	Lighting	0.2%	0.6%

Total Load forecast and Metered Load Forecast (MWh)

		LFTLF	LDMLF
15	Residential	71,833	68,260
16	Commercial	32,094	30,428
17	Industrial	8,066	7,621
18	Farming	39,944	37,764
19	Irrigation	0	0
20	Oil & Gas	1,435	1,335
21	Lighting	459	437
22	Total	153,832	145,845

Input Sheet

Applicable Month **Feb-09**

Monthly On-Peak and Off-Peak Volume by Rate Class (MWh)

Off-Peak	Feb-09
Sum of Residential	18,785
Sum of Commercial	8,711
Sum of Industrial	2,595
Sum of Farming	11,720
Sum of Irrigation	-
Sum of Oil & Gas	491
Sum of Lighting	262

On-Peak	Feb-09
Sum of Residential	53,048
Sum of Commercial	23,384
Sum of Industrial	5,471
Sum of Farming	28,224
Sum of Irrigation	-
Sum of Oil & Gas	944
Sum of Lighting	197

LDMLFrc - Excluding Losses and UFE (MWh)

	Feb-09
Sum of Residential	68,260
Sum of Commercial	30,428
Sum of Industrial	7,621
Sum of Farming	37,764
Sum of Irrigation	-
Sum of Oil & Gas	1,335
Sum of Lighting	437

	MWh	%
Term Volumes (Includes UFE and Losses)	60,928	39.7%
45 Day Volumes (Includes UFE and Losses)	92,736	60.3%

	Feb-09
Term Peak Energy Costs	4,469,002
Term Off-Peak Energy Costs	607,689
45 Peak Energy Costs	8,661,878
45 Off-Peak Energy Costs	1,176,085
	<hr/> 14,914,654

Forecast Costs	Feb-09
NGX PCG & LOC Posted Amount	10,000,000
AESO PCG & LOC Posted Amount	25,500,000
LOC Annual Rate - NGX	0.600
PCG Annual Rate	0.400
LOC Annual Rate	0.375
Monthly Implementation Costs	10,000
Hearing/Negotiation Costs Monthly	4,412
Number of Months in Plan	31.5
Recovered Negotiation Costs for CC	138,964
NEC	61,050
Incentive Payments	50,000
Credit default Risk	1,126
Transaction Costs	2,650
Pool Trading Charges \$/MWh	0.257
RM	2.460
Peak Price index	122.49

Historical RAM

	RAM
Jan-08	-
Feb-08	(5,459.47)
Mar-08	5,338.02
Apr-08	(11,737.78)
May-08	447,203.60
Jun-08	252.84
Jul-08	509,399.85
Aug-08	-
Sep-08	50.15
Oct-08	-
Nov-08	4,063.37
Dec-08	-