



Monthly Energy Rate
Feb-08

Rate Class														Feb-08	Feb-08
	TEC	45EC	HLSC	PCG & LOC	NEC	NEC Adj	TC	PTC	RComp	IP	RM	RM Shortfall	CC	Rate (\$/MWh)	Rate (¢/kWh)
Residential	\$47.82	\$30.77	\$2.74	\$0.14	\$0.51	\$0.21	\$0.02	\$0.15	\$2.31	\$0.31	\$2.48	\$ -	\$ 0.01	\$87.45	8.745
Commercial	\$48.31	\$31.08	\$2.74	\$0.14	\$0.51	\$0.21	\$0.02	\$0.15	\$2.31	\$0.31	\$2.48	\$ -	\$ 0.01	\$88.26	8.826
Industrial	\$45.76	\$29.41	\$2.74	\$0.14	\$0.51	\$0.21	\$0.02	\$0.15	\$2.31	\$0.31	\$2.48	\$ -	\$ 0.01	\$84.05	8.405
Farming (Includes REA)	\$46.92	\$30.17	\$2.74	\$0.14	\$0.51	\$0.21	\$0.02	\$0.15	\$2.31	\$0.31	\$2.48	\$ -	\$ 0.01	\$85.96	8.596
Irrigation (Includes REA)	\$46.92	\$30.17	\$2.74	\$0.14	\$0.51	\$0.21	\$0.02	\$0.15	\$2.31	\$0.31	\$2.48	\$ -	\$ 0.01	\$85.96	8.596
Oil & Gas	\$45.97	\$29.54	\$2.74	\$0.14	\$0.51	\$0.21	\$0.02	\$0.15	\$2.31	\$0.31	\$2.48	\$ -	\$ 0.01	\$84.38	8.438
Lighting	\$36.56	\$23.39	\$2.74	\$0.14	\$0.51	\$0.21	\$0.02	\$0.15	\$2.31	\$0.31	\$2.48	\$ -	\$ 0.01	\$68.82	6.882
	<i>Schedule 2</i>	<i>Schedule 2</i>	<i>Schedule 3</i>	<i>Schedule 5</i>	<i>Schedule 5</i>	<i>Schedule 5</i>	<i>Schedule 4</i>	<i>Schedule 4</i>	<i>Schedule 3</i>	<i>Schedule 3</i>	<i>Schedule 3</i>	<i>Schedule 3</i>	<i>Schedule 8</i>		

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-08**

<u>Line No</u>	<u>Description</u>	<u>Units</u>	<u>TPEC</u>	<u>TOPEC</u>	<u>45PEC</u>	<u>45OPEC</u>	<u>OC</u>
1	Monthly Total Energy Cost	\$	6,628,062	926,346	4,278,139	581,471	-
2	Residential	\$	3,085,611	406,208	1,991,634	254,979	0
3	Commercial	\$	1,448,330	180,577	934,837	113,349	0
4	Industrial	\$	385,790	69,279	249,011	43,487	0
5	Farming	\$	1,608,373	247,894	1,038,138	155,604	0
6	Irrigation	\$	0	0	0	0	0
7	Oil & Gas	\$	88,995	16,972	57,442	10,653	0
8	Lighting	\$	10,963	5,415	7,076	3,399	0

$$\text{Term Volume Energy Cost}_{rc} = [\text{TPEC}_{(Schedule 2 (line 1))} \times \text{RCFPLPrC}_{(Schedule 7 (line 8:14))}] + [\text{TOPEC}_{(Schedule 2 (line 1))} \times \text{RCFOPLP}_{rc(Schedule 7 (line 8:14))}]$$

$$\text{45-Day Energy Cost}_{rc} = [\text{45PEC}_{(Schedule 2 (line 1))} \times \text{RCFPLPrC}_{(Schedule 7 (line 8:14))}] + [\text{45OPEC}_{(Schedule 2 (line 1))} \times \text{RCFOPLP}_{rc(Schedule 7 (line 8:14))}] + \text{OC}_{rc}$$

$$\text{OC}_{rc} = \text{Option Cost} \times \text{LDTLF}_{rc(Schedule 7 (line 15:21))} \div \text{LDTLF}_{(Schedule 7 (line 22))}$$

<u>9</u>	<u>Monthly Total Energy Charge</u>		<u>TEC</u>	<u>45EC</u>
10	Residential	\$/MWh	47.82	30.77
11	Commercial	\$/MWh	48.31	31.08
12	Industrial	\$/MWh	45.76	29.41
13	Farming	\$/MWh	46.92	30.17
14	Irrigation	\$/MWh	46.92	30.17
15	Oil & Gas	\$/MWh	45.97	29.54
16	Lighting	\$/MWh	36.56	23.39

$$\text{Term Energy Charge}_{rc} = (\text{TPEC}_{rc} + \text{TOPEC}_{rc})_{(Schedule 2 (line 2:8))} \div \text{LDMLF}_{rc(Schedule 7 (line 22))}$$

$$\text{45-Day Energy Charge}_{rc} = (\text{45PEC}_{rc} + \text{45OPEC}_{rc})_{(Schedule 2 (line 2:8))} \div \text{LDMLF}_{rc(Schedule 7 (line 22))}$$

**Schedule 3 - Hourly Load Shape Compensation, Risk Compensation, Return Margin and Incentive Payment
Feb-08**

<u>Line No</u>	<u>Description</u>	<u>Units</u>	<u>Feb-08</u>
1	Peak Price Index	\$/MWh	84.98
2	HLSC (reference: Terms of Settlement 1(h))	\$/MWh	2.738
3	Rcomp (reference: Schedule E "Rcomp")	\$/MWh	2.305
4	Risk Compensation (reference: Terms of Settlement 1(h))	\$/MWh	2.326
5	Total Credit Default Risk (calculated with actual trades and Schedule J)	\$	1,963
6	Credit Default Risk Rate	\$/MWh	0.012
7	RAM Monthly Forecast Costs	\$	(5,237)
8	RAM Monthly Forecast Rate	\$/MWh	(0.033)
9	12 Months of Historical RAM		
10		Jan-07	-
11		Feb-07	-
12		Mar-07	154.92
13		Apr-07	20,283.58
14		May-07	9,646.70
15		Jun-07	(65,040.86)
16		Jul-07	527.99
17		Aug-07	(28,422.12)
18		Sep-07	-
19		Oct-07	-
20		Nov-07	3.71
		Dec-07	-
21	RM	\$/MWh	2.48
22	IP	\$	50,000
23	IP Rate (reference: Terms of Settlement 1(k))	\$/MWh	0.314

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

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

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

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**Schedule 4 - Transaction Costs and Pool Trading Charges by Rate Class
Feb-08**

<u>Line No</u>	<u>Description</u>	<u>Units</u>	<u>Feb-08</u>
1	Transaction Costs (reference: Schedule A "Transaction Costs")	(\$)	2,598
2	Residential	\$/MWh	0.016
3	Commercial	\$/MWh	0.016
4	Industrial	\$/MWh	0.016
5	Farming	\$/MWh	0.016
6	Irrigation	\$/MWh	0.016
7	Oil & Gas	\$/MWh	0.017
8	Lighting	\$/MWh	0.016
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	0.141
11	Residential	\$/MWh	0.149
12	Commercial	\$/MWh	0.149
13	Industrial	\$/MWh	0.150
14	Farming	\$/MWh	0.149
15	Irrigation	\$/MWh	0.149
16	Oil & Gas	\$/MWh	0.152
17	Lighting	\$/MWh	0.148
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-08**

Line No	Description	Units	Feb-08
1	LDMLF <i>(Schedule 7 (line 22))</i>	MWh	159,002
2	PCG & LOC Posted Amount for NGX	\$	10,000,000
3	PCG & LOC Annual Rate <i>(reference: Schedule A "PCG&LOC Costs")</i>		0.775
4	PCG & LOC Costs Monthly for NGX	\$	6,458
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	0.14
11	Non-Energy Costs		
12	Monthly Operating & Capital Costs <i>(reference: Terms of Settlement 1(h))</i>	\$	61,050
13	Monthly Implementation Costs*		15,000
14	Hearing/Negotiation Costs*	\$	4,412
15	Total Non-Energy Costs	\$	80,462
16	Non-Energy Costs Rate (\$/MWh)	\$/MWh	0.51
17	Non-Energy Cost Adjustment		
18	Forecast Costs included in Previous quarter	\$	45,000
19	Actual Costs	\$	32,975
20	Recovered in past quarter		-
21	Non-Energy Costs Adjustment (under/(over recovery)) line 19-line 20	\$	32,975
22	Non-Energy Cost Adjustment (\$/MWh)	\$/MWh	0.21

*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

Schedule 6 - Carrying Costs
Feb-08

Line No	Description	Units	Feb-08
1	Paid Hearing/Negotiation costs	\$	264,692
2	Recovered through Rates	\$	86,025
3	Mid-Month Balance of Hearing/Negotiation Account	\$	178,667
4	Current Working Capital Rate (before Tax) <i>(reference: Schedule A "Carrying Costs")</i>	%	8.03%
5	Monthly Carrying Costs (Hearing/Negotiation Cots)		1,196
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>		1,196
12	LDMLF		159,002
13	Carrying Cost (\$/MWh)		0.008

Note: Working Capital rate includes tax

**Schedule 7 - Monthly Forecast Load Data
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Monthly On-Peak and Off-Peak Forecast by rate class

<u>Line No</u>		On-Peak	Off-Peak
1	Residential	56,826	20,202
2	Commercial	26,673	8,981
3	Industrial	7,105	3,446
4	Farming	29,620	12,329
5	Irrigation	-	-
6	Oil & Gas	1,639	844
7	Lighting	202	269

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

		RCFPLP	RCFOPLP
8	Residential	46.6%	43.9%
9	Commercial	21.9%	19.5%
10	Industrial	5.8%	7.5%
11	Farming	24.3%	26.8%
12	Irrigation	0.0%	0.0%
13	Oil & Gas	1.3%	1.8%
14	Lighting	0.2%	0.6%

Total Load forecast and Metered Load Forecast (MWh)

		LFTLF	LDMLF
15	Residential	77,028	73,021
16	Commercial	35,654	33,720
17	Industrial	10,550	9,944
18	Farming	41,949	39,564
19	Irrigation	0	0
20	Oil & Gas	2,483	2,305
21	Lighting	471	448
22	Total	168,135	159,002

Input Sheet

Applicable Month **Feb-08**

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

Off-Peak	Feb-08
Sum of Residential	20,202
Sum of Commercial	8,981
Sum of Industrial	3,446
Sum of Farming	12,329
Sum of Irrigation	-
Sum of Oil & Gas	844
Sum of Lighting	269

On-Peak	Feb-08
Sum of Residential	56,826
Sum of Commercial	26,673
Sum of Industrial	7,105
Sum of Farming	29,620
Sum of Irrigation	-
Sum of Oil & Gas	1,639
Sum of Lighting	202

LDMLFrc - Excluding Losses and UFE (MWh)

	Feb-08
Sum of Residential	73,021
Sum of Commercial	33,720
Sum of Industrial	9,944
Sum of Farming	39,564
Sum of Irrigation	-
Sum of Oil & Gas	2,305
Sum of Lighting	448

	MWh	%
Term Volumes (Includes UFE and Losses)	99,760	59.3%
45 Day Volumes (Includes UFE and Losses)	68,375	40.7%

	Feb-08
Term Peak Energy Costs	6,628,062
Term Off-Peak Energy Costs	926,346
45 Peak Energy Costs	4,278,139
45 Off-Peak Energy Costs	581,471
	12,414,018

Forecast Costs	Feb-08
NGX PCG & LOC Posted Amount	10,000,000
AESO PCG & LOC Posted Amount	25,500,000
PCG Annual Rate	0.400
LOC Annual Rate	0.375
Monthly Implementation Costs	15,000
Hearing/Negotiation Costs Monthly	4,412
Number of Months in Plan	19.5
Recovered Negotiation Costs for CC	86,025
NEC	61,050
Incentive Payments	50,000
Credit default Risk	1,963
Transaction Costs	2,598
Pool Trading Charges \$/MWh	0.141
RM	2,480
Peak Price index	84.98

Historical RAM

Jan-07	-
Feb-07	-
Mar-07	154.92
Apr-07	20,283.58
May-07	9,646.70
Jun-07	-65040.86
Jul-07	527.99
Aug-07	(28,422.12)
Sep-07	-
Oct-07	-
Nov-07	3.71
Dec-07	-

	Oct-07	Nov-07	Dec-07
On-Going Intervener Costs			
Forecast Costs	15,000	15,000	15,000
Actual Costs	10,992	10,992	10,992
Forecast Metered Volumes	150,876	170,225	190,480
Actual Metered Volumes	137,207	155,374	185,852
Recovered in Rates	13,641	13,691	14,636
Deferral Adjustment	(2,649)	(2,700)	(3,644)

Feb adjustment (8,993)