



Monthly Energy Rate
Mar-08

Rate Class														Mar-08	Mar-08
	TEC	45EC	HLSC	PCG & LOC	NEC	NEC Adj	TC	PTC	RComp	IP	RM	RM Shortfall	CC	Rate (\$/MWh)	Rate (¢/kWh)
Residential	\$47.73	\$30.42	\$2.61	\$0.15	\$0.51	\$0.00	\$0.01	\$0.15	\$2.21	\$0.32	\$2.48	\$ -	\$ 0.01	\$86.59	8.659
Commercial	\$47.88	\$30.52	\$2.61	\$0.15	\$0.51	\$0.00	\$0.01	\$0.15	\$2.21	\$0.32	\$2.48	\$ -	\$ 0.01	\$86.85	8.685
Industrial	\$45.58	\$29.01	\$2.61	\$0.15	\$0.51	\$0.00	\$0.01	\$0.15	\$2.21	\$0.32	\$2.48	\$ -	\$ 0.01	\$83.04	8.304
Farming (Includes REA)	\$46.84	\$29.84	\$2.61	\$0.15	\$0.51	\$0.00	\$0.01	\$0.15	\$2.21	\$0.32	\$2.48	\$ -	\$ 0.01	\$85.13	8.513
Irrigation (Includes REA)	\$46.84	\$29.84	\$2.61	\$0.15	\$0.51	\$0.00	\$0.01	\$0.15	\$2.21	\$0.32	\$2.48	\$ -	\$ 0.01	\$85.13	8.513
Oil & Gas	\$45.46	\$28.93	\$2.61	\$0.15	\$0.51	\$0.00	\$0.01	\$0.15	\$2.21	\$0.32	\$2.48	\$ -	\$ 0.01	\$82.84	8.284
Lighting	\$32.78	\$20.66	\$2.61	\$0.15	\$0.51	\$0.00	\$0.01	\$0.15	\$2.21	\$0.32	\$2.48	\$ -	\$ 0.01	\$61.89	6.189
	<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
Mar-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	\$	6,513,696	906,138	4,168,630	559,170	-
2	Residential	\$	3,020,218	389,927	1,932,877	240,621	0
3	Commercial	\$	1,465,668	187,881	937,997	115,940	0
4	Industrial	\$	398,801	71,407	255,224	44,065	0
5	Farming	\$	1,533,296	233,869	981,277	144,318	0
6	Irrigation	\$	0	0	0	0	0
7	Oil & Gas	\$	88,167	17,316	56,425	10,686	0
8	Lighting	\$	7,547	5,738	4,830	3,541	0

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

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

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

<u>9</u>	<u>Monthly Total Energy Charge</u>		<u>TEC</u>	<u>45EC</u>
10	Residential	\$/MWh	47.73	30.42
11	Commercial	\$/MWh	47.88	30.52
12	Industrial	\$/MWh	45.58	29.01
13	Farming	\$/MWh	46.84	29.84
14	Irrigation	\$/MWh	46.84	29.84
15	Oil & Gas	\$/MWh	45.46	28.93
16	Lighting	\$/MWh	32.78	20.66

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

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

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

<u>Line No</u>	<u>Description</u>	<u>Units</u>	<u>Mar-08</u>
1	Peak Price Index	\$/MWh	82.60
2	HLSC (reference: Terms of Settlement 1(h))	\$/MWh	2.606
3	Rcomp (reference: Schedule E "Rcomp")	\$/MWh	2.212
4	Risk Compensation (reference: Terms of Settlement 1(h))	\$/MWh	2.233
5	Total Credit Default Risk (calculated with actual trades and Schedule J)	\$	1,930
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		Feb-07	-
11		Mar-07	154.92
12		Apr-07	20,283.58
13		May-07	9,646.70
14		Jun-07	(65,040.86)
15		Jul-07	527.99
16		Aug-07	(28,422.12)
17		Sep-07	-
18		Oct-07	-
19		Nov-07	3.71
20		Dec-07	-
		Jan-08	-
21	RM	\$/MWh	2.48
22	IP	\$	50,000
23	IP Rate (reference: Terms of Settlement 1(k))	\$/MWh	0.319

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

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

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

termination
25/02/2008

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

Line No	Description	Units	Mar-08
1	Transaction Costs (reference: Schedule A "Transaction Costs")	(\$)	2,176
2	Residential	\$/MWh	0.014
3	Commercial	\$/MWh	0.014
4	Industrial	\$/MWh	0.014
5	Farming	\$/MWh	0.014
6	Irrigation	\$/MWh	0.014
7	Oil & Gas	\$/MWh	0.014
8	Lighting	\$/MWh	0.014
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	0.148
12	Commercial	\$/MWh	0.149
13	Industrial	\$/MWh	0.149
14	Farming	\$/MWh	0.149
15	Irrigation	\$/MWh	0.149
16	Oil & Gas	\$/MWh	0.151
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
Mar-08**

Line No	Description	Units	Mar-08
1	LDMLF <i>(Schedule 7 (line 22))</i>	MWh	156,753
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	0.15
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	\$	-
19	Actual Costs	\$	-
20	Recovered in past quarter		-
21	Non-Energy Costs Adjustment (under/(over recovery)) line 19-line 20	\$	-
22	Non-Energy Cost Adjustment (\$/MWh)	\$/MWh	-

*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
Mar-08

Line No	Description	Units	Mar-08
1	Paid Hearing/Negotiation costs	\$	264,692
2	Recovered through Rates	\$	90,437
3	Mid-Month Balance of Hearing/Negotiation Account	\$	174,256
4	Current Working Capital Rate (before Tax) <i>(reference: Schedule A "Carrying Costs")</i>	%	8.03%
5	Monthly Carrying Costs (Hearing/Negotiation Cots)		1,166
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>		1,166
12	LDMLF		156,753
13	Carrying Cost (\$/MWh)		0.007

Note: Working Capital rate includes tax

Schedule 7 - Monthly Forecast Load Data
Mar-08

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

Line No		On-Peak	Off-Peak
1	Residential	55,755	19,434
2	Commercial	27,057	9,364
3	Industrial	7,362	3,559
4	Farming	28,306	11,656
5	Irrigation	-	-
6	Oil & Gas	1,628	863
7	Lighting	139	286

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

		RCFPLP	RCFOPLP
8	Residential	46.4%	43.0%
9	Commercial	22.5%	20.7%
10	Industrial	6.1%	7.9%
11	Farming	23.5%	25.8%
12	Irrigation	0.0%	0.0%
13	Oil & Gas	1.4%	1.9%
14	Lighting	0.1%	0.6%

Total Load forecast and Metered Load Forecast (MWh)

		LFTLF	LDMLF
15	Residential	75,189	71,454
16	Commercial	36,421	34,534
17	Industrial	10,921	10,316
18	Farming	39,962	37,724
19	Irrigation	0	0
20	Oil & Gas	2,491	2,320
21	Lighting	425	405
22	Total	165,409	156,753

Input Sheet

Applicable Month **Mar-08**

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

Off-Peak	Mar-08
Sum of Residential	19,434
Sum of Commercial	9,364
Sum of Industrial	3,559
Sum of Farming	11,656
Sum of Irrigation	-
Sum of Oil & Gas	863
Sum of Lighting	286

On-Peak	Mar-08
Sum of Residential	55,755
Sum of Commercial	27,057
Sum of Industrial	7,362
Sum of Farming	28,306
Sum of Irrigation	-
Sum of Oil & Gas	1,628
Sum of Lighting	139

LDMLFrc - Excluding Losses and UFE (MWh)

	Mar-08
Sum of Residential	71,454
Sum of Commercial	34,534
Sum of Industrial	10,316
Sum of Farming	37,724
Sum of Irrigation	-
Sum of Oil & Gas	2,320
Sum of Lighting	405

	MWh	%
Term Volumes (Includes UFE and Losses)	98,347	59%
45 Day Volumes (Includes UFE and Losses)	67,062	41%

	Mar-08
Term Peak Energy Costs	6,513,696.44
Term Off-Peak Energy Costs	906,138
45 Peak Energy Costs	4,168,630.22
45 Off-Peak Energy Costs	559,170
	<u>12,147,635</u>

Forecast Costs	Mar-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	20.5
Recovered Negotiation Costs for CC	90,437
NEC	61,050
Incentive Payments	50,000
Credit default Risk	1,930
Transaction Costs	2,176
Pool Trading Charges \$/MWh	0.141
RM	2.480
Peak Price index	82.60

Historical RAM

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	-
Jan-08	-