



Monthly Energy Rate
Apr-08

Rate Class														Apr-08	Apr-08
	TEC	45EC	HLSC	PCG & LOC	NEC	NEC Adj	TC	PTC	RComp	IP	RM	RM Shortfall	CC	Rate (\$/MWh)	Rate (¢/kWh)
Residential	\$47.03	\$38.75	\$3.79	\$0.18	\$0.62	\$0.00	\$0.01	\$0.15	\$3.03	\$0.39	\$2.48	\$ -	\$ 0.01	\$96.44	9.644
Commercial	\$47.57	\$39.21	\$3.79	\$0.18	\$0.62	\$0.00	\$0.01	\$0.15	\$3.03	\$0.39	\$2.48	\$ -	\$ 0.01	\$97.44	9.744
Industrial	\$44.85	\$36.89	\$3.79	\$0.18	\$0.62	\$0.00	\$0.01	\$0.15	\$3.03	\$0.39	\$2.48	\$ -	\$ 0.01	\$92.41	9.241
Farming (Includes REA)	\$46.17	\$38.01	\$3.79	\$0.18	\$0.62	\$0.00	\$0.01	\$0.15	\$3.03	\$0.39	\$2.48	\$ -	\$ 0.01	\$94.85	9.485
Irrigation (Includes REA)	\$45.71	\$37.66	\$3.79	\$0.18	\$0.62	\$0.00	\$0.01	\$0.15	\$3.03	\$0.39	\$2.48	\$ -	\$ 0.01	\$94.04	9.404
Oil & Gas	\$44.61	\$36.68	\$3.79	\$0.18	\$0.62	\$0.00	\$0.01	\$0.15	\$3.03	\$0.39	\$2.48	\$ -	\$ 0.01	\$91.96	9.196
Lighting	\$28.57	\$23.07	\$3.79	\$0.18	\$0.62	\$0.00	\$0.01	\$0.15	\$3.03	\$0.39	\$2.48	\$ -	\$ 0.01	\$62.31	6.231
	<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
Apr-08

Line No	Description	Units	TPEC	TOPEC	45PEC	45OPEC	March Adjustment*	OC
1	Monthly Total Energy Cost	\$	5,302,178	725,452	4,395,509	577,224	(7,430)	-
2	Residential	\$	2,522,252	324,189	2,090,949	257,949	(3,363)	0
3	Commercial	\$	1,213,025	146,183	1,005,599	116,314	(1,628)	0
4	Industrial	\$	348,004	62,714	288,496	49,900	(498)	0
5	Farming	\$	1,142,971	172,832	947,524	137,518	(1,805)	0
6	Irrigation	\$	1,403	261	1,163	207	0	0
7	Oil & Gas	\$	70,623	14,123	58,546	11,237	(114)	0
8	Lighting	\$	3,900	5,151	3,233	4,098	(21)	0

Term Volume Energy Cost $_{rc} = [TPEC_{(Schedule\ 2\ (line\ 1))} \times RCFPLP_{rc\ (Schedule\ 7\ (line\ 8:14))}] + [TOPEC_{(Schedule\ 2\ (line\ 1))} \times RCFPLP_{rc\ (Schedule\ 7\ (line\ 8:14))}]$
 45 -Day Energy Cost $_{rc} = [45PEC_{(Schedule\ 2\ (line\ 1))} \times RCFPLP_{rc\ (Schedule\ 7\ (line\ 8:14))}] + [45OPEC_{(Schedule\ 2\ (line\ 1))} \times RCFPLP_{rc\ (Schedule\ 7\ (line\ 8:14))}] + OC_{rc}$
 $OC_{rc} = Option\ Cost \times LDTLF_{rc\ (Schedule\ 7\ (line\ 15:21))} \div LDTLF_{(Schedule\ 7\ (line\ 22))}$

9	Monthly Total Energy Charge		TEC	45EC
10	Residential	\$/MWh	47.03	38.75
11	Commercial	\$/MWh	47.57	39.21
12	Industrial	\$/MWh	44.85	36.89
13	Farming	\$/MWh	46.17	38.01
14	Irrigation	\$/MWh	45.71	37.66
15	Oil & Gas	\$/MWh	44.61	36.68
16	Lighting	\$/MWh	28.57	23.07

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

* March Adjustment is required to correct for a minor error identified in the energy charge calculation from March 2008. The adjustment has been allocated to rate class on the basis of March 2008 proportions of peak and off-peak energy by rate class.

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

<u>Line No</u>	<u>Description</u>	<u>Units</u>	<u>Apr-08</u>
1	Peak Price Index	\$/MWh	104.98
2	HLSC (reference: Terms of Settlement 1(h))	\$/MWh	3.794
3	Rcomp (reference: Schedule E "Rcomp")	\$/MWh	3.034
4	Risk Compensation (reference: Terms of Settlement 1(h))	\$/MWh	3.065
5	Total Credit Default Risk (calculated with actual trades and Schedule J)	\$	1,679
6	Credit Default Risk Rate	\$/MWh	0.013
7	RAM Monthly Forecast Costs	\$	(5,692)
8	RAM Monthly Forecast Rate	\$/MWh	(0.044)
9	12 Months of Historical RAM		
10		Mar-07	154.92
11		Apr-07	20,283.58
12		May-07	9,646.70
13		Jun-07	(65,040.86)
14		Jul-07	527.99
15		Aug-07	(28,422.12)
16		Sep-07	-
17		Oct-07	-
18		Nov-07	3.71
19		Dec-07	-
20		Jan-08	-
		Feb-08	(5,459.47)
21	RM	\$/MWh	2.48
22	IP	\$	50,000
23	IP Rate (reference: Terms of Settlement 1(k))	\$/MWh	0.388

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

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

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

termination
25/03/2008

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

Line No	Description	Units	Apr-08
1	Transaction Costs (reference: Schedule A "Transaction Costs")	(\$)	1,258
2	Residential	\$/MWh	0.010
3	Commercial	\$/MWh	0.010
4	Industrial	\$/MWh	0.010
5	Farming	\$/MWh	0.010
6	Irrigation	\$/MWh	0.010
7	Oil & Gas	\$/MWh	0.010
8	Lighting	\$/MWh	0.010
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	0.150
15	Irrigation	\$/MWh	0.153
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
Apr-08**

Line No	Description	Units	Apr-08
1	LDMLF <i>(Schedule 7 (line 22))</i>	MWh	129,013
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	0.18
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	0.62
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
Apr-08

Line No	Description	Units	Apr-08
1	Paid Hearing/Negotiation costs	\$	264,692
2	Recovered through Rates	\$	94,848
3	Mid-Month Balance of Hearing/Negotiation Account	\$	169,844
4	Current Working Capital Rate (before Tax) <i>(reference: Schedule A "Carrying Costs")</i>	%	8.03%
5	Monthly Carrying Costs (Hearing/Negotiation Cots)		1,137
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>		1,137
12	LDMLF		129,013
13	Carrying Cost (\$/MWh)		0.009

Note: Working Capital rate includes tax

Schedule 7 - Monthly Forecast Load Data
Apr-08

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

Line No		On-Peak	Off-Peak
1	Residential	47,486	16,342
2	Commercial	22,837	7,369
3	Industrial	6,552	3,161
4	Farming	21,518	8,712
5	Irrigation	26	13
6	Oil & Gas	1,330	712
7	Lighting	73	260

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

		RCFPLP	RCFOPLP
8	Residential	47.6%	44.7%
9	Commercial	22.9%	20.2%
10	Industrial	6.6%	8.6%
11	Farming	21.6%	23.8%
12	Irrigation	0.0%	0.0%
13	Oil & Gas	1.3%	1.9%
14	Lighting	0.1%	0.7%

Total Load forecast and Metered Load Forecast (MWh)

		LFTLF	LDMLF
15	Residential	63,828	60,530
16	Commercial	30,206	28,574
17	Industrial	9,713	9,158
18	Farming	30,231	28,498
19	Irrigation	40	36
20	Oil & Gas	2,041	1,900
21	Lighting	333	317
22	Total	136,392	129,013

Input Sheet

Applicable Month **Apr-08**

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

Off-Peak	Apr-08
Sum of Residential	16,342
Sum of Commercial	7,369
Sum of Industrial	3,161
Sum of Farming	8,712
Sum of Irrigation	13
Sum of Oil & Gas	712
Sum of Lighting	260

On-Peak	Apr-08
Sum of Residential	47,486
Sum of Commercial	22,837
Sum of Industrial	6,552
Sum of Farming	21,518
Sum of Irrigation	26
Sum of Oil & Gas	1,330
Sum of Lighting	73

LDMLFrc - Excluding Losses and UFE (MWh)

	Apr-08
Sum of Residential	60,530
Sum of Commercial	28,574
Sum of Industrial	9,158
Sum of Farming	28,498
Sum of Irrigation	36
Sum of Oil & Gas	1,900
Sum of Lighting	317

	MWh	%
Term Volumes (Includes UFE and Losses)	81,360	59.7%
45 Day Volumes (Includes UFE and Losses)	55,032	40.3%

	Apr-08
Term Peak Energy Costs	5,302,178
Term Off-Peak Energy Costs	725,452
45 Peak Energy Costs	4,395,509
45 Off-Peak Energy Costs	577,224
	<u>11,000,363</u>

Forecast Costs	Apr-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	21.5
Recovered Negotiation Costs for CC	94,848
NEC	61,050
Incentive Payments	50,000
Credit default Risk	1,679
Transaction Costs	1,258
Pool Trading Charges \$/MWh	0.141
RM	2.480
Peak Price index	104.98

Historical RAM

Mar-07	154.92
Apr-07	20,283.58
May-07	9,646.70
Jun-07	(65,040.86)
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