



Monthly Energy Rate  
Jul-08

Rate Class	TEC	45EC	HLSC	PCG & LOC	NEC	NEC Adj	TC	PTC	RComp	IP	RM	CC	Jul-08 Rate (\$/MWh)	Jul-08 Rate (¢/kWh)
Residential	\$27.92	\$76.39	\$5.22	\$0.18	\$0.60	\$0.00	\$0.04	\$0.15	\$4.30	\$0.40	\$2.48	\$ 0.01	\$117.68	11.768
Commercial	\$28.39	\$77.66	\$5.22	\$0.18	\$0.60	\$0.00	\$0.04	\$0.15	\$4.30	\$0.40	\$2.48	\$ 0.01	\$119.43	11.943
Industrial	\$26.63	\$73.00	\$5.22	\$0.18	\$0.60	\$0.00	\$0.04	\$0.15	\$4.30	\$0.40	\$2.48	\$ 0.01	\$113.00	11.300
Farming (Includes REA)	\$27.78	\$76.04	\$5.22	\$0.18	\$0.60	\$0.00	\$0.04	\$0.15	\$4.30	\$0.40	\$2.48	\$ 0.01	\$117.20	11.720
Irrigation (Includes REA)	\$27.05	\$74.17	\$5.22	\$0.18	\$0.60	\$0.00	\$0.04	\$0.15	\$4.30	\$0.40	\$2.48	\$ 0.01	\$114.60	11.460
Oil & Gas	\$26.59	\$72.92	\$5.22	\$0.18	\$0.60	\$0.00	\$0.04	\$0.15	\$4.30	\$0.40	\$2.48	\$ 0.01	\$112.89	11.289
Lighting	\$14.05	\$39.71	\$5.22	\$0.18	\$0.60	\$0.00	\$0.04	\$0.15	\$4.30	\$0.40	\$2.48	\$ 0.01	\$67.14	6.714
	<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>			

**Monthly Energy Rate<sub>rc</sub> =**
 TEC<sub>rc</sub> (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<sub>rc</sub> (Schedule 4 (line 2:8))
 + PTC<sub>rc</sub> (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  
Jul-08

Line No	Description	Units	TPEC	TOPEC	45PEC	45OPEC	OC
1	Monthly Total Energy Cost	\$	3,122,971	387,159	8,499,618	1,107,366	-
2	Residential	\$	1,497,596	180,084	4,075,925	515,083	0
3	Commercial	\$	788,358	85,581	2,145,630	244,781	0
4	Industrial	\$	213,051	35,549	579,848	101,677	0
5	Farming	\$	572,504	74,250	1,558,152	212,372	0
6	Irrigation	\$	14,461	2,541	39,357	7,269	0
7	Oil & Gas	\$	36,123	6,547	98,314	18,727	0
8	Lighting	\$	879	2,607	2,392	7,457	0

Term Volume Energy Cost<sub>rc</sub> = [TPEC<sub>(Schedule 2 (line 1))</sub> X RCFPLPrc<sub>(Schedule 7 (line 8:14))</sub>] + [TOPEC<sub>(Schedule 2 (line 1))</sub> X RCFOPLPrc<sub>(Schedule 7 (line 8:14))</sub>]  
 45 -Day Energy Cost<sub>rc</sub> = [45PEC<sub>(Schedule 2 (line 1))</sub> X RCFPLPrc<sub>(Schedule 7 (line 8:14))</sub>] + [45OPEC<sub>(Schedule 2 (line 1))</sub> X RCFOPLPrc<sub>(Schedule 7 (line 8:14))</sub>] + OC<sub>rc</sub>  
 OC<sub>rc</sub> = Option Cost X LDTLF<sub>rc(Schedule 7 (line 15:21))</sub> ÷ LDTLF<sub>(Schedule 7 (line 22))</sub>

9	Monthly Total Energy Charge		TEC	45EC
10	Residential	\$/MWh	27.92	76.39
11	Commercial	\$/MWh	28.39	77.66
12	Industrial	\$/MWh	26.63	73.00
13	Farming	\$/MWh	27.78	76.04
14	Irrigation	\$/MWh	27.05	74.17
15	Oil & Gas	\$/MWh	26.59	72.92
16	Lighting	\$/MWh	14.05	39.71

Term Energy Charge<sub>rc</sub> = (TPEC<sub>rc</sub> + TOPEC<sub>rc</sub>)<sub>(Schedule 2 (line 2:8))</sub> ÷ LDMLF<sub>rc(Schedule 7 (line 22))</sub>  
 45-Day Energy Charge<sub>rc</sub> = (45PEC<sub>rc</sub> + 45OPEC<sub>rc</sub>)<sub>(Schedule 2 (line 2:8))</sub> ÷ LDMLF<sub>rc(Schedule 7 (line 22))</sub>

\* 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  
Jul-08

Line No	Description	Units	Jul-08
1	Peak Price Index	\$/MWh	131.96
2	<b>HLSC</b> (reference: Terms of Settlement 1(h))	\$/MWh	<b>5.218</b>
3	<b>Rcomp</b> (reference: Schedule E "Rcomp")	\$/MWh	<b>4.301</b>
4	Risk Compensation (reference: Terms of Settlement 1(h))	\$/MWh	4.062
5	Total Credit Default Risk (calculated with actual trades and Schedule J)	\$	1,627
6	Credit Default Risk Rate	\$/MWh	0.013
7	RAM Monthly Forecast Costs	\$	28,534
8	RAM Monthly Forecast Rate	\$/MWh	0.227
9	12 Months of Historical RAM		
10		Jun-07	(65,040.86)
11		Jul-07	527.99
12		Aug-07	(28,422.12)
13		Sep-07	-
14		Oct-07	-
15		Nov-07	3.71
16		Dec-07	-
17		Jan-08	-
18		Feb-08	(5,459.47)
19		Mar-08	5,338.02
20		Apr-08	(11,737.78)
		May-08	447,203.60
21	<b>RM</b>	\$/MWh	<b>2.48</b>
22	IP	\$	50,000
23	<b>IP Rate</b> (reference: Terms of Settlement 1(k))	\$/MWh	<b>0.397</b>

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

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

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

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

Line No	Description	Units	Jul-08
1	<b>Transaction Costs</b> (reference: Schedule A "Transaction Costs")	(\$)	5,255
2	Residential	\$/MWh	0.042
3	Commercial	\$/MWh	0.042
4	Industrial	\$/MWh	0.042
5	Farming	\$/MWh	0.042
6	Irrigation	\$/MWh	0.043
7	Oil & Gas	\$/MWh	0.042
8	Lighting	\$/MWh	0.041
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	<b>Pool Trading Charges</b> (reference: Schedule E "PTC")	\$/MWh	0.141
11	Residential	\$/MWh	0.149
12	Commercial	\$/MWh	0.149
13	Industrial	\$/MWh	0.149
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  
Jul-08**

Line No	Description	Units	Jul-08
1	LDMLF <i>(Schedule 7 (line 22))</i>	MWh	125,979
2	PCG & LOC Posted Amount for NGX	\$	10,000,000
3	PCG & LOC Annual Rate <i>(reference: Schedule A "PCG&amp;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&amp;LOC Costs")</i>		0.775
7	PCG & LOC Costs Monthly for ISO	\$	16,469
8	PCG & LOC Costs for other Counterparties	\$	-
10	<b>Total PCG &amp; LOC (\$/MWh)</b>	<b>\$/MWh</b>	<b>0.18</b>
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	<b>Non-Energy Costs Rate (\$/MWh)</b>	<b>\$/MWh</b>	<b>0.60</b>
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	<b>Non-Energy Cost Adjustment (\$/MWh)</b>	<b>\$/MWh</b>	<b>-</b>

\*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  
Jul-08

Line No	Description	Units	Jul-08
1	Paid Hearing/Negotiation costs	\$	264,692
2	Recovered through Rates	\$	108,083
3	Mid-Month Balance of Hearing/Negotiation Account	\$	156,610
4	Current Working Capital Rate (before Tax) <i>(reference: Schedule A "Carrying Costs")</i>	%	8.03%
5	<b>Monthly Carrying Costs (Hearing/Negotiation Cots)</b>		<b>1,048</b>
6	Paid Option Premiums	\$	-
7	Option Premiums included in rates	\$	-
8	Carried Option Premiums	\$	-
9	Current Working Capital Rate (before tax)	%	8.03%
10	<b>Monthly Carrying Costs (Option Premiums)</b>		-
11	<b>Total Monthly Carrying Costs</b> <i>(line 5 + line 10)</i>		<b>1,048</b>
12	LDMLF		125,979
13	<b>Carrying Cost (\$/MWh)</b>		<b>0.008</b>

Note: Working Capital rate includes tax

Schedule 7 - Monthly Forecast Load Data  
Jul-08

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

Line No		On-Peak	Off-Peak
1	Residential	47,263	16,084
2	Commercial	24,880	7,644
3	Industrial	6,724	3,175
4	Farming	18,068	6,632
5	Irrigation	456	227
6	Oil & Gas	1,140	585
7	Lighting	28	233

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

		RCFPLP	RCFOPLP
8	Residential	48.0%	46.5%
9	Commercial	25.2%	22.1%
10	Industrial	6.8%	9.2%
11	Farming	18.3%	19.2%
12	Irrigation	0.5%	0.7%
13	Oil & Gas	1.2%	1.7%
14	Lighting	0.0%	0.7%

Total Load forecast and Metered Load Forecast (MWh)

		LFTLF	LDMLF
15	Residential	63,347	60,099
16	Commercial	32,523	30,779
17	Industrial	9,899	9,336
18	Farming	24,699	23,283
19	Irrigation	683	629
20	Oil & Gas	1,725	1,605
21	Lighting	261	248
22	Total	133,137	125,979

**Input Sheet**

**Applicable Month** **Jul-08**

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

<b>Off-Peak</b>	<b>Jul-08</b>
Sum of Residential	16,084
Sum of Commercial	7,644
Sum of Industrial	3,175
Sum of Farming	6,632
Sum of Irrigation	227
Sum of Oil & Gas	585
Sum of Lighting	233

<b>On-Peak</b>	<b>Jul-08</b>
Sum of Residential	47,263
Sum of Commercial	24,880
Sum of Industrial	6,724
Sum of Farming	18,068
Sum of Irrigation	456
Sum of Oil & Gas	1,140
Sum of Lighting	28

**LDMLFrc - Excluding Losses and UFE (MWh)**

	<b>Jul-08</b>
Sum of Residential	60,099
Sum of Commercial	30,779
Sum of Industrial	9,336
Sum of Farming	23,283
Sum of Irrigation	629
Sum of Oil & Gas	1,605
Sum of Lighting	248

	<b>MWh</b>	<b>%</b>
<b>Term Volumes (Includes UFE and Losses)</b>	48,112	36.1%
<b>45 Day Volumes (Includes UFE and Losses)</b>	85,025	63.9%

	<b>Jul-08</b>
<b>Term Peak Energy Costs</b>	3,122,971
<b>Term Off-Peak Energy Costs</b>	387,159
<b>45 Peak Energy Costs</b>	8,499,618
<b>45 Off-Peak Energy Costs</b>	1,107,366
	<hr/> 13,117,114

<b>Forecast Costs</b>	<b>Jul-08</b>
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	10,000
Hearing/Negotiation Costs Monthly	4,412
Number of Months in Plan	24.5
Recovered Negotiation Costs for CC	108,083
NEC	61,050
Incentive Payments	50,000
Credit default Risk	1,627
Transaction Costs	5,255
Pool Trading Charges \$/MWh	0.141
RM	2.480
Peak Price index	131.96

**Historical RAM**

	<b>RAM</b>
Jun-07	(65,040.86)
Jul-07	527.99
Aug-07	(28,422.12)
Sep-07	-
Oct-07	-
Nov-07	3.71
Dec-07	-
Jan-08	-
Feb-08	(5,459.47)
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