



Monthly Energy Rate  
May-10

Rate Class	TEC	45EC	HLSC	PCG & LOC	NEC	NEC Adj	TC	PTC	RComp	IP	RM	CC	May-10 Rate (\$/MWh)	May-10 Rate (¢/kWh)
Residential	\$10.22	\$45.07	\$1.68	\$0.30	\$0.65	\$0.45	\$0.01	\$0.31	\$1.47	\$0.43	\$2.43	\$ 0.00	\$63.03	6.303
Commercial	\$10.29	\$45.37	\$1.68	\$0.30	\$0.65	\$0.45	\$0.01	\$0.31	\$1.47	\$0.43	\$2.43	\$ 0.00	\$63.40	6.340
Industrial	\$9.95	\$43.77	\$1.68	\$0.30	\$0.65	\$0.45	\$0.01	\$0.32	\$1.47	\$0.43	\$2.43	\$ 0.00	\$61.46	6.146
Farming (Includes REA)	\$10.23	\$45.09	\$1.68	\$0.30	\$0.65	\$0.45	\$0.01	\$0.32	\$1.47	\$0.43	\$2.43	\$ 0.00	\$63.06	6.306
Irrigation (Includes REA)	\$10.00	\$43.97	\$1.68	\$0.30	\$0.65	\$0.45	\$0.01	\$0.32	\$1.47	\$0.43	\$2.43	\$ 0.00	\$61.71	6.171
Oil & Gas	\$9.83	\$43.21	\$1.68	\$0.30	\$0.65	\$0.45	\$0.01	\$0.32	\$1.47	\$0.43	\$2.43	\$ 0.00	\$60.78	6.078
Lighting	\$5.76	\$24.26	\$1.68	\$0.30	\$0.65	\$0.45	\$0.01	\$0.31	\$1.47	\$0.43	\$2.43	\$ 0.00	\$37.76	3.776

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<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  
May-10

Line No	Description	Units	TPEC	TOPEC	45PEC	45OPEC	OC
1	Monthly Total Energy Cost	\$	1,028,026	153,167	4,575,481	630,844	-
2	Residential	\$	520,806	75,595	2,317,974	311,352	0
3	Commercial	\$	232,588	32,858	1,035,187	135,331	0
4	Industrial	\$	54,601	9,935	243,015	40,917	0
5	Farming	\$	208,147	31,481	926,409	129,662	0
6	Irrigation	\$	2,296	439	10,221	1,809	0
7	Oil & Gas	\$	9,178	1,857	40,851	7,647	0
8	Lighting	\$	410	1,002	1,824	4,127	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 RCFOPLP<sub>rc(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 RCFOPLP<sub>rc(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	10.22	45.07
11	Commercial	\$/MWh	10.29	45.37
12	Industrial	\$/MWh	9.95	43.77
13	Farming	\$/MWh	10.23	45.09
14	Irrigation	\$/MWh	10.00	43.97
15	Oil & Gas	\$/MWh	9.83	43.21
16	Lighting	\$/MWh	5.76	24.26

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>

Schedule 3 - Hourly Load Shape Compensation, Risk Compensation, Return Margin and Incentive Payment  
May-10

Line No	Description	Units	May-10
1	Peak Price Index	\$/MWh	64.05
2	<b>HLSC</b> (reference: Terms of Settlement 1(h))	\$/MWh	<b>1.675</b>
3	<b>Rcomp</b> (reference: Schedule E "Rcomp")	\$/MWh	<b>1.475</b>
4	Risk Compensation (reference: Terms of Settlement 1(h))	\$/MWh	1.581
5	Total Credit Default Risk (calculated with actual trades and Schedule J)	\$	-
6	Credit Default Risk Rate	\$/MWh	-
7	RAM Monthly Forecast Costs	\$	(12,228)
8	RAM Monthly Forecast Rate	\$/MWh	(0.106)
9	12 Months of Historical RAM		
10		Apr-09	231.60
11		May-09	1,783.81
12		Jun-09	3,871.78
13		Jul-09	678.64
14		Aug-09	125.42
15		Sep-09	(53,842.56)
16		Oct-09	(93,411.04)
17		Nov-09	1,013.29
18		Dec-09	2,533.52
19		Jan-10	(10,133.99)
20		Feb-10	-
		Mar-10	416.33
21	<b>RM</b>	\$/MWh	<b>2.43</b>
22	IP	\$	50,000
23	<b>IP Rate</b> (reference: Terms of Settlement 1(k))	\$/MWh	<b>0.432</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  
May-10**

<u>Line No</u>	<u>Description</u>	<u>Units</u>	<u>May-10</u>
1	<b>Transaction Costs</b> (reference: Schedule A "Transaction Costs")	(\$)	1,200
2	Residential	\$/MWh	0.010
3	Commercial	\$/MWh	0.010
4	Industrial	\$/MWh	0.010
5	Farming	\$/MWh	0.010
6	Irrigation	\$/MWh	0.011
7	Oil & Gas	\$/MWh	0.011
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	<b>Pool Trading Charges</b> (reference: Schedule E "PTC")	\$/MWh	0.298
11	Residential	\$/MWh	0.313
12	Commercial	\$/MWh	0.314
13	Industrial	\$/MWh	0.316
14	Farming	\$/MWh	0.315
15	Irrigation	\$/MWh	0.320
16	Oil & Gas	\$/MWh	0.318
17	Lighting	\$/MWh	0.313
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  
May-10**

Line No	Description	Units	May-10
1	LDMLF <i>(Schedule 7 (line 22))</i>	MWh	115,688
2	PCG & LOC Posted Amount for NGX	\$	10,000,000
3	PCG & LOC Annual Rate <i>(reference: Schedule A "PCG&amp;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)	\$	31,300,000
6	PCG & LOC Annual Rate <i>(reference: Schedule A "PCG&amp;LOC Costs")</i>		1.000
7	PCG & LOC Costs Monthly for ISO	\$	26,083
8	PCG & LOC Costs for other Counterparties	\$	-
10	<b>Total PCG &amp; LOC (\$/MWh)</b>	<b>\$/MWh</b>	<b>0.30</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>0.65</b>
17	Non-Energy Cost Adjustment		
18	Recovered in past quarter	\$	30,467
19	Actual Costs	\$	82,425
20	Non-Energy Costs Adjustment (under/(over recovery)) line 19-line 20	\$	51,958
21	<b>Non-Energy Cost Adjustment (\$/MWh)</b>	<b>\$/MWh</b>	<b>0.45</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  
May-10

Line No	Description	Units	May-10
1	Paid Hearing/Negotiation costs	\$	264,692
2	Recovered through Rates	\$	200,725
3	Mid-Month Balance of Hearing/Negotiation Account	\$	63,967
4	Current Working Capital Rate (before Tax) <i>(reference: Schedule A "Carrying Costs")</i>	%	8.58%
5	<b>Monthly Carrying Costs (Hearing/Negotiation Cots)</b>		<b>457</b>
6	Paid Option Premiums	\$	-
7	Option Premiums included in rates	\$	-
8	Carried Option Premiums	\$	-
9	Current Working Capital Rate (before tax)	%	8.58%
10	<b>Monthly Carrying Costs (Option Premiums)</b>		<b>-</b>
11	<b>Total Monthly Carrying Costs</b> <i>(line 5 + line 10)</i>		<b>457</b>
12	<b>LDMLF</b>		<b>115,688</b>
13	<b>Carrying Cost (\$/MWh)</b>		<b>0.004</b>

Note: Working Capital rate includes tax

Schedule 7 - Monthly Forecast Load Data  
May-10

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

Line No		On-Peak	Off-Peak
1	Residential	44,503	16,806
2	Commercial	19,875	7,305
3	Industrial	4,666	2,209
4	Farming	17,786	6,999
5	Irrigation	196	98
6	Oil & Gas	784	413
7	Lighting	35	223

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

		RCFPLP	RCFOPLP
8	Residential	50.7%	49.4%
9	Commercial	22.6%	21.5%
10	Industrial	5.3%	6.5%
11	Farming	20.2%	20.6%
12	Irrigation	0.2%	0.3%
13	Oil & Gas	0.9%	1.2%
14	Lighting	0.0%	0.7%

Total Load forecast and Metered Load Forecast (MWh)

		LFTLF	LDMLF
15	Residential	61,309	58,337
16	Commercial	27,180	25,799
17	Industrial	6,874	6,487
18	Farming	24,785	23,423
19	Irrigation	294	274
20	Oil & Gas	1,197	1,122
21	Lighting	258	245
22	Total	121,897	115,688

**Input Sheet**

**Applicable Month** **May-10**

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

<b>Off-Peak</b>	<b>May-10</b>
Sum of Residential	16,806
Sum of Commercial	7,305
Sum of Industrial	2,209
Sum of Farming	6,999
Sum of Irrigation	98
Sum of Oil & Gas	413
Sum of Lighting	223

<b>On-Peak</b>	<b>May-10</b>
Sum of Residential	44,503
Sum of Commercial	19,875
Sum of Industrial	4,666
Sum of Farming	17,786
Sum of Irrigation	196
Sum of Oil & Gas	784
Sum of Lighting	35

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

	<b>May-10</b>
Sum of Residential	58,337
Sum of Commercial	25,799
Sum of Industrial	6,487
Sum of Farming	23,423
Sum of Irrigation	274
Sum of Oil & Gas	1,122
Sum of Lighting	245

	<b>MWh</b>	<b>%</b>
<b>Term Volumes (Includes UFE and Losses)</b>	19,592	16.1%
<b>45 Day Volumes (Includes UFE and Losses)</b>	102,305	83.9%

	<b>May-10</b>
<b>Term Peak Energy Costs</b>	1,028,026
<b>Term Off-Peak Energy Costs</b>	153,167
<b>45 Peak Energy Costs</b>	4,575,481
<b>45 Off-Peak Energy Costs</b>	<u>630,844</u>
	6,387,519

<b>Forecast Costs</b>	<b>May-10</b>
NGX PCG & LOC Posted Amount	10,000,000
AESO PCG & LOC Posted Amount	31,300,000
LOC Annual Rate - NGX	0.600
PCG Annual Rate	0.400
LOC Annual Rate	0.600
Monthly Implementation Costs	10,000
Hearing/Negotiation Costs Monthly	4,412
Number of Months in Plan	45.5
Recovered Negotiation Costs for CC	200,725
NEC	61,050
Incentive Payments	50,000
Credit default Risk	-
Transaction Costs	1,200
Pool Trading Charges \$/MWh	0.298
RM	2.430
Peak Price index	64.05

**Historical RAM**

	<b>RAM</b>
Apr-09	231.60
May-09	1,783.81
Jun-09	3,871.78
Jul-09	678.64
Aug-09	125.42
Sep-09	(53,842.56)
Oct-09	(93,411.04)
Nov-09	1,013.29
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