



Monthly Energy Rate  
Feb-10

Rate Class	TEC	45EC	HLSC	PCG & LOC	NEC	NEC Adj	TC	PTC	RComp	IP	RM	CC	Feb-10 Rate (\$/MWh)	Feb-10 Rate (¢/kWh)
Residential	\$14.94	\$45.03	\$1.68	\$0.24	\$0.54	\$0.00	\$0.02	\$0.31	\$1.51	\$0.35	\$2.43	\$ 0.00	\$67.06	6.706
Commercial	\$14.86	\$44.78	\$1.68	\$0.24	\$0.54	\$0.00	\$0.02	\$0.31	\$1.51	\$0.35	\$2.43	\$ 0.00	\$66.73	6.673
Industrial	\$14.39	\$43.33	\$1.68	\$0.24	\$0.54	\$0.00	\$0.02	\$0.32	\$1.51	\$0.35	\$2.43	\$ 0.00	\$64.81	6.481
Farming (Includes REA)	\$14.70	\$44.27	\$1.68	\$0.24	\$0.54	\$0.00	\$0.02	\$0.32	\$1.51	\$0.35	\$2.43	\$ 0.00	\$66.06	6.606
Irrigation (Includes REA)	\$14.70	\$44.27	\$1.68	\$0.24	\$0.54	\$0.00	\$0.02	\$0.32	\$1.51	\$0.35	\$2.43	\$ 0.00	\$66.06	6.606
Oil & Gas	\$14.26	\$42.91	\$1.68	\$0.24	\$0.54	\$0.00	\$0.02	\$0.32	\$1.51	\$0.35	\$2.43	\$ 0.00	\$64.26	6.426
Lighting	\$11.47	\$34.33	\$1.68	\$0.24	\$0.54	\$0.00	\$0.02	\$0.31	\$1.51	\$0.35	\$2.43	\$ 0.00	\$52.88	5.288

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  
Feb-10

Line No	Description	Units	TPEC	TOPEC	45PEC	45OPEC	OC
1	Monthly Total Energy Cost	\$	1,831,491	258,373	5,539,530	756,381	-
2	Residential	\$	885,813	115,935	2,679,232	339,397	0
3	Commercial	\$	396,407	54,565	1,198,974	159,738	0
4	Industrial	\$	90,874	15,917	274,858	46,597	0
5	Farming	\$	440,842	67,635	1,333,372	198,001	0
6	Irrigation	\$	0	0	0	0	0
7	Oil & Gas	\$	14,391	2,770	43,528	8,108	0
8	Lighting	\$	3,163	1,551	9,566	4,540	0

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

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

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

9	Monthly Total Energy Charge		TEC	45EC
10	Residential	\$/MWh	14.94	45.03
11	Commercial	\$/MWh	14.86	44.78
12	Industrial	\$/MWh	14.39	43.33
13	Farming	\$/MWh	14.70	44.27
14	Irrigation	\$/MWh	14.70	44.27
15	Oil & Gas	\$/MWh	14.26	42.91
16	Lighting	\$/MWh	11.47	34.33

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

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

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

Line No	Description	Units	Feb-10
1	Peak Price Index	\$/MWh	60.69
2	<b>HLSC</b> (reference: Terms of Settlement 1(h))	\$/MWh	<b>1.678</b>
3	<b>Rcomp</b> (reference: Schedule E "Rcomp")	\$/MWh	<b>1.506</b>
4	Risk Compensation (reference: Terms of Settlement 1(h))	\$/MWh	1.583
5	Total Credit Default Risk (calculated with actual trades and Schedule J)	\$	102
6	Credit Default Risk Rate	\$/MWh	0.001
7	RAM Monthly Forecast Costs	\$	(10,906)
8	RAM Monthly Forecast Rate	\$/MWh	(0.077)
9	12 Months of Historical RAM		
10		Jan-09	-
11		Feb-09	150.00
12		Mar-09	598.24
13		Apr-09	231.60
14		May-09	7,183.81
15		Jun-09	3,871.78
16		Jul-09	678.64
17		Aug-09	125.42
18		Sep-09	(53,842.56)
19		Oct-09	(93,411.04)
20		Nov-09	1,013.29
		Dec-09	2,533.52
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>0.355</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  
Feb-10

Line No	Description	Units	Feb-10
1	<b>Transaction Costs</b> (reference: Schedule A "Transaction Costs")	(\$)	2,657
2	Residential	\$/MWh	0.019
3	Commercial	\$/MWh	0.019
4	Industrial	\$/MWh	0.019
5	Farming	\$/MWh	0.019
6	Irrigation	\$/MWh	0.019
7	Oil & Gas	\$/MWh	0.019
8	Lighting	\$/MWh	0.019
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	0.314
12	Commercial	\$/MWh	0.314
13	Industrial	\$/MWh	0.316
14	Farming	\$/MWh	0.316
15	Irrigation	\$/MWh	0.316
16	Oil & Gas	\$/MWh	0.319
17	Lighting	\$/MWh	0.314
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-10**

Line No	Description	Units	Feb-10
1	LDMLF <i>(Schedule 7 (line 22))</i>	MWh	141,002
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>0.24</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>0.54</b>
17	Non-Energy Cost Adjustment		
18	Recovered in past quarter	\$	-
19	Actual Costs	\$	-
20	Non-Energy Costs Adjustment (under/(over recovery)) line 19-line 20	\$	-
21	<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  
Feb-10

Line No	Description	Units	Feb-10
1	Paid Hearing/Negotiation costs	\$	264,692
2	Recovered through Rates	\$	187,490
3	Mid-Month Balance of Hearing/Negotiation Account	\$	77,202
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>552</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>552</b>
12	<b>LDMLF</b>		<b>141,002</b>
13	<b>Carrying Cost (\$/MWh)</b>		<b>0.004</b>

Note: Working Capital rate includes tax

Schedule 7 - Monthly Forecast Load Data  
Feb-10

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

Line No		On-Peak	Off-Peak
1	Residential	52,079	18,452
2	Commercial	23,306	8,684
3	Industrial	5,343	2,533
4	Farming	25,918	10,765
5	Irrigation	-	-
6	Oil & Gas	846	441
7	Lighting	186	247

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

		RCFPLP	RCFOPLP
8	Residential	48.4%	44.9%
9	Commercial	21.6%	21.1%
10	Industrial	5.0%	6.2%
11	Farming	24.1%	26.2%
12	Irrigation	0.0%	0.0%
13	Oil & Gas	0.8%	1.1%
14	Lighting	0.2%	0.6%

Total Load forecast and Metered Load Forecast (MWh)

		LFTLF	LDMLF
15	Residential	70,531	67,034
16	Commercial	31,990	30,343
17	Industrial	7,876	7,419
18	Farming	36,683	34,591
19	Irrigation	0	0
20	Oil & Gas	1,287	1,203
21	Lighting	433	411
22	Total	148,801	141,002

**Input Sheet**

**Applicable Month** **Feb-10**

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

<b>Off-Peak</b>	<b>Feb-10</b>
Sum of Residential	18,452
Sum of Commercial	8,684
Sum of Industrial	2,533
Sum of Farming	10,765
Sum of Irrigation	-
Sum of Oil & Gas	441
Sum of Lighting	247

<b>On-Peak</b>	<b>Feb-10</b>
Sum of Residential	52,079
Sum of Commercial	23,306
Sum of Industrial	5,343
Sum of Farming	25,918
Sum of Irrigation	-
Sum of Oil & Gas	846
Sum of Lighting	186

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

	<b>Feb-10</b>
Sum of Residential	67,034
Sum of Commercial	30,343
Sum of Industrial	7,419
Sum of Farming	34,591
Sum of Irrigation	-
Sum of Oil & Gas	1,203
Sum of Lighting	411

	<b>MWh</b>	<b>%</b>
<b>Term Volumes (Includes UFE and Losses)</b>	27,552	18.5%
<b>45 Day Volumes (Includes UFE and Losses)</b>	121,249	81.5%

	<b>Feb-10</b>
<b>Term Peak Energy Costs</b>	1,831,491
<b>Term Off-Peak Energy Costs</b>	258,373
<b>45 Peak Energy Costs</b>	5,539,530
<b>45 Off-Peak Energy Costs</b>	756,381
	<u>8,385,775</u>

<b>Forecast Costs</b>	<b>Feb-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	42.5
Recovered Negotiation Costs for CC	187,490
NEC	61,050
Incentive Payments	50,000
Credit default Risk	102
Transaction Costs	2,657
Pool Trading Charges \$/MWh	0.298
RM	2.430
Peak Price index	60.69

**Historical RAM**

	<b>RAM</b>
Jan-09	-
Feb-09	150.00
Mar-09	598.24
Apr-09	231.60
May-09	7,183.81
Jun-09	3,871.78
Jul-09	678.64
Aug-09	125.42
Sep-09	(53,842.56)
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