



Monthly Energy Rate  
December 2007

Rate Class														December	December
	TEC	45EC	HLSC	PCG & LOC	NEC	NEC Adj	TC	PTC	RComp	IP	RM	RM Shortfall	CC	2007	December 2007
Residential	\$51.72	\$37.42	\$3.59	\$0.12	\$0.42	\$0.00	\$0.01	\$0.14	\$2.91	\$0.26	\$2.58	\$ -	\$ 0.01	\$99.18	9.918
Commercial	\$51.51	\$37.28	\$3.59	\$0.12	\$0.42	\$0.00	\$0.01	\$0.14	\$2.91	\$0.26	\$2.58	\$ -	\$ 0.01	\$98.83	9.883
Industrial	\$48.88	\$35.45	\$3.59	\$0.12	\$0.42	\$0.00	\$0.01	\$0.14	\$2.91	\$0.26	\$2.58	\$ -	\$ 0.01	\$94.38	9.438
Farming (Includes REA)	\$50.66	\$36.69	\$3.59	\$0.12	\$0.42	\$0.00	\$0.01	\$0.14	\$2.91	\$0.26	\$2.58	\$ -	\$ 0.01	\$97.39	9.739
Irrigation (Includes REA)	\$50.66	\$36.69	\$3.59	\$0.12	\$0.42	\$0.00	\$0.01	\$0.14	\$2.91	\$0.26	\$2.58	\$ -	\$ 0.01	\$97.39	9.739
Oil & Gas	\$49.10	\$35.63	\$3.59	\$0.12	\$0.42	\$0.00	\$0.01	\$0.15	\$2.91	\$0.26	\$2.58	\$ -	\$ 0.01	\$94.77	9.477
Lighting	\$41.59	\$30.38	\$3.59	\$0.12	\$0.42	\$0.00	\$0.01	\$0.14	\$2.91	\$0.26	\$2.58	\$ -	\$ 0.01	\$82.01	8.201

Schedule 2    Schedule 2    Schedule 3    Schedule 5    Schedule 5    Schedule 5    Schedule 4    Schedule 4    Schedule 3    Schedule 3    Schedule 3    Schedule 8

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  
December 2007

Line No	Description	Units	TPEC	TOPEC	45PEC	45OPEC	OC
1	Monthly Total Energy Cost	\$	8,645,664	1,098,876	6,214,211	839,751	-
2	Residential	\$	4,166,630	482,688	2,994,833	368,866	0
3	Commercial	\$	1,785,671	215,528	1,283,480	164,705	0
4	Industrial	\$	535,998	91,301	385,257	69,772	0
5	Farming	\$	2,026,434	282,176	1,456,532	215,637	0
6	Irrigation	\$	0	0	0	0	0
7	Oil & Gas	\$	109,612	19,726	78,786	15,074	0
8	Lighting	\$	21,318	7,457	15,323	5,698	0

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

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

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

9	Monthly Total Energy Charge		TEC	45EC
10	Residential	\$/MWh	51.72	37.42
11	Commercial	\$/MWh	51.51	37.28
12	Industrial	\$/MWh	48.88	35.45
13	Farming	\$/MWh	50.66	36.69
14	Irrigation	\$/MWh	50.66	36.69
15	Oil & Gas	\$/MWh	49.10	35.63
16	Lighting	\$/MWh	41.59	30.38

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

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

**Schedule 3 - Hourly Load Shape Compensation, Risk Compensation, Return Margin and Incentive Payment  
December 2007**

Line No	Description	Units	December 2007
1	Peak Price Index	\$/MWh	100.91
2	<b>HLSC</b> (reference: Terms of Settlement 1(h))	\$/MWh	<b>3.589</b>
3	<b>Rcomp</b> (reference: Schedule E "Rcomp")	\$/MWh	<b>2.908</b>
4	Risk Compensation (reference: Terms of Settlement 1(h))	\$/MWh	2.922
5	Total Credit Default Risk (calculated with actual trades and Schedule J)	\$	2,385
6	Credit Default Risk Rate	\$/MWh	0.013
7	RAM Monthly Forecast Costs	\$	(5,164)
8	RAM Monthly Forecast Rate	\$/MWh	(0.027)
9	12 Months of Historical RAM		
10		Nov-06	10.88
11		Dec-06	867.54
12		Jan-07	-
13		Feb-07	-
14		Mar-07	154.92
15		Apr-07	20,283.58
16		May-07	9,646.70
17		Jun-07	(65,040.86)
18		Jul-07	527.99
19		Aug-07	(28,422.12)
20		Sep-07	-
		Oct-07	-
21	<b>RM</b>	\$/MWh	<b>2.58</b>
22	IP	\$	50,000
23	<b>IP Rate</b> (reference: Terms of Settlement 1(k))	\$/MWh	<b>0.262</b>

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

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

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

termination  
Nov 26, 2007

Schedule 4 - Transaction Costs and Pool Trading Charges by Rate Class  
December 2007

Line No	Description	Units	December 2007
1	<b>Transaction Costs</b> (reference: Schedule A "Transaction Costs")	(\$)	2.085
2	Residential	\$/MWh	0.011
3	Commercial	\$/MWh	0.011
4	Industrial	\$/MWh	0.011
5	Farming	\$/MWh	0.011
6	Irrigation	\$/MWh	0.011
7	Oil & Gas	\$/MWh	0.011
8	Lighting	\$/MWh	0.011
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	0.136
11	Residential	\$/MWh	0.144
12	Commercial	\$/MWh	0.144
13	Industrial	\$/MWh	0.145
14	Farming	\$/MWh	0.145
15	Irrigation	\$/MWh	0.145
16	Oil & Gas	\$/MWh	0.147
17	Lighting	\$/MWh	0.143
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  
December 2007

Line No	Description	Units	December 2007
1	LDMLF <i>(Schedule 7 (line 22))</i>	MWh	190,480
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>0.12</b>
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	<b>Non-Energy Costs Rate (\$/MWh)</b>	<b>\$/MWh</b>	<b>0.42</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

Schedule 6 - Carrying Costs  
December 2007

Line No	Description	Units	December 2007
1	Paid Hearing/Negotiation costs	\$	264,692
2	Recovered through Rates	\$	77,202
3	Mid-Month Balance of Hearing/Negotiation Account	\$	187,490
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>1,255</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>		<b>-</b>
11	<b>Total Monthly Carrying Costs</b> <i>(line 5 + line 10)</i>		<b>1,255</b>
12	<b>LDMLF</b>		<b>190,480</b>
13	<b>Carrying Cost (\$/MWh)</b>		<b>0.007</b>

Note: Working Capital rate includes tax

Schedule 7 - Monthly Forecast Load Data  
December 2007

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

Line No		On-Peak	Off-Peak
1	Residential	71,427	23,596
2	Commercial	30,611	10,536
3	Industrial	9,188	4,463
4	Farming	34,738	13,794
5	Irrigation	-	-
6	Oil & Gas	1,879	964
7	Lighting	365	365

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

		RCFPLP	RCFOPLP
8	Residential	48.2%	43.9%
9	Commercial	20.7%	19.6%
10	Industrial	6.2%	8.3%
11	Farming	23.4%	25.7%
12	Irrigation	0.0%	0.0%
13	Oil & Gas	1.3%	1.8%
14	Lighting	0.2%	0.7%

Total Load forecast and Metered Load Forecast (MWh)

		LFTLF	LDMLF
15	Residential	95,023	89,895
16	Commercial	41,147	38,849
17	Industrial	13,652	12,834
18	Farming	48,532	45,575
19	Irrigation	0	0
20	Oil & Gas	2,843	2,634
21	Lighting	730	692
22	Total	201,927	190,480

**Input Sheet**

**Applicable Month** **December 2007**

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

<b>Off-Peak</b>	<b>December 2007</b>
Sum of Residential	23,596
Sum of Commercial	10,536
Sum of Industrial	4,463
Sum of Farming	13,794
Sum of Irrigation	-
Sum of Oil & Gas	964
Sum of Lighting	365

<b>On-Peak</b>	<b>December 2007</b>
Sum of Residential	71,427
Sum of Commercial	30,611
Sum of Industrial	9,188
Sum of Farming	34,738
Sum of Irrigation	-
Sum of Oil & Gas	1,879
Sum of Lighting	365

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

	<b>December 2007</b>
Sum of Residential	89,895
Sum of Commercial	38,849
Sum of Industrial	12,834
Sum of Farming	45,575
Sum of Irrigation	-
Sum of Oil & Gas	2,634
Sum of Lighting	692

	<b>MWh</b>	<b>%</b>
<b>Term Volumes (Includes UFE and Losses)</b>	120,280	59.6%
<b>45 Day Volumes (Includes UFE and Losses)</b>	81,647	40.4%

	<b>December 2007</b>
<b>Term Peak Energy Costs</b>	8,645,664
<b>Term Off-Peak Energy Costs</b>	1,098,876
<b>45 Peak Energy Costs</b>	6,214,211
<b>45 Off-Peak Energy Costs</b>	839,751

<b>Forecast Costs</b>	<b>December 2007</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	15,000
Hearing/Negotiation Costs Monthly	4,412
Number of Months in Plan	17.5
Recovered Negotiation Costs for CC	77,202
NEC	61,050
Incentive Payments	50,000
Credit default Risk	2,385
Transaction Costs	2,085
Pool Trading Charges \$/MWh	0.136
RM	2.580
Peak Price index	100.91

**Historical RAM**

Nov-06	10.88
Dec-06	867.54
Jan-07	-
Feb-07	-
Mar-07	154.92
Apr-07	20,283.58
May-07	9646.7
Jun-07	(65,040.86)
Jul-07	527.99
Aug-07	(28,422.12)
Sep-07	-
Oct-07	-