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Case No. 03-E-0640

Niagara Mohawk Power Corporation

POTENTIAL ELECTRIC DELIVERY RATE DISINCENTIVES

TYPICAL BILL ANALYSES

September 22, 2003

Orig Files
03-E-0640
Copies:
And Harrison
MR. D. Lutz (w/Arri's)
MR. H. Arnett

NIAGARA MOHAWK POWER CORPORATION

CASE NO. 03-E-0640

POTENTIAL ELECTRIC DELIVERY RATE DISINCENTIVES

TYPICAL BILL ANALYSES

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Filing Letter

Niagara Mohawk

A National Grid Company



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2003 SEP 22 PM 2:00

Catherine McDonough, Ph.D.
Supervisor, Electric Pricing

September 22, 2003

Hon. Jaclyn A. Brilling, Acting Secretary
State of New York Public Service Commission
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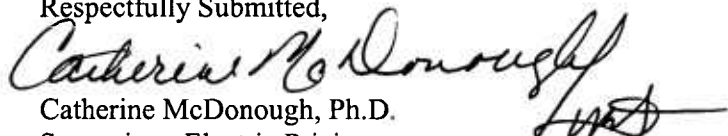
Dear Acting Secretary Brilling:

Attached in compliance with Administrative Law Judge Harrison's letter of June 18, 2003 in Case 03-E-0640 (and the approved extension of schedule effective August, 29, 2003) are updated typical bill analyses by Niagara Mohawk. The analyses also include SC-7 bill analyses requested by the DG/CHP/EE community. These analyses were prepared in the same manner that was used by Niagara Mohawk in the November 15, 2002 Report on Environmental Collaborative.

As a theoretical matter, rates designed on the basis of marginal costs should, over time and within the limits of marginal cost studies, match the lost revenue from reductions or increases in deliveries by savings or increases in the underlying cost of delivering the electricity. The primary exception to this principle in Niagara Mohawk's case is the competitive transition charge or CTC, which collects a fixed level of costs each year that does not vary based on the quantities of deliveries. As a result, an increase or decrease in deliveries will produce additional or lesser revenues without a corresponding increase or decrease in Niagara Mohawk's costs.

Thank you for your attention to our filing.

Respectfully Submitted,


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08/05/03

CASE 03-E-0640
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August 4, 2003

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ATTACHMENT 1

Description of Typical Bill Analysis

Description of Typical Bill Analysis P.S.C. Case No. 03-E-0640

ATTACHMENT 2

Schedule 1:

Attachment 2, Schedule 1 shows the monthly typical bill analyses for Niagara Mohawk, prepared in accordance with the directive issued on June 18, 2003 by Administrative Law Judge J. Michael Harrison in P.S.C. Case No. 03-E-0640. The analyses were prepared in the same format of Niagara Mohawk Power Corporation's November 15, 2002 Report on Environmental Collaborative submitted in P.S.C. Case No. 01-M-0075.

The attached typical bill analyses presents bill amounts for Niagara Mohawk at typical usage levels for residential, commercial and industrial type customers. The bills amounts are presented in an unbundled format as well as the total bill amount. Additionally the Delivery related revenue loss is presented for a ten percent reduction in energy and demand, where applicable.

The Niagara Mohawk typical bill presentation is based on current tariff Delivery related rates and charges effective January 1, 2003. Surcharge related rates in effect as of July 1, 2003 were also used. Commodity related charges inclusive of the Electricity Supply Service (ESS), Demand Charge Adjustment (DCA) and the Commodity Adjustment Charge (CAC) represent a composite calendar year 2003 six month actual and six month forecast values.

The typical bill presentation shows bill amounts by each Load Zone for the following examples.

Schedule	Page	Description
1	1	SC1 Residential – 500 kWh
1	2	SC2 Demand Small General Service – 40 kW/ 14,000 kWh
1	3	SC3 Primary Voltage Level – 500 kW/ 150,000 kWh
1	4	SC3A Transmission Voltage Level – 50,000 kW/15,000,000 kWh
1	5	EZR at SC3 Primary Voltage Level – 500 kW/ 150,000 kWh

In compliance with the manner in which the typical bills were prepared for the Report on Environmental Collaborative mentioned above, all bill amounts were calculated exclusive of gross receipts taxes applicable to Delivery and Commodity related revenues.

The typical bills assume a ten percent reduction in both demand and energy usage, and compare the loss in revenue from the reduction in the usage and demand. It is important to note that the analysis does not consider the impact of

deferral accounts in base rates. These deferral accounts can mitigate the effect of lost revenue on the distribution company by reallocating the lost revenues to other customers or customer classes. This is particularly important in the SC-7, stand-by rate analysis set forth in Schedule 2, because Niagara Mohawk is authorized to include lost revenues from the implementation of SC-7 rates in its deferral accounts, effectively reallocating these lost revenues to other customer classes. This deferral applies only to reductions of deliveries from on-site generation and would not apply to a reduction of deliveries resulting from conservation programs.

Schedule 2:

Attachment 2, Schedule 2 includes the typical bill analyses for the customers and scenarios identified by the DG/CHP/EE community. The five categories of customers analyzed and the associated attached schedules are as follows:

Schedule	Type of Customer
2.1	Commercial
2.2	Hospital
2.3	Industrial
2.4	School
2.5	Nursing Home

Customer bills were calculated under three alternative scenarios. The first scenario assumes that the customer pays standard tariff rates for their total load prior to installing any distributed generation. The appropriate service classification for each customer used was the standard tariff service classification based upon the load profile analyzed and is indicated in each schedule. This is the Pre-DG scenario and the monthly bills may be found in pages 2 through 5 of each schedule.

The second scenario assumes that the customer installs distributed generation but continues to take service at standard tariff rates for total facility load net of that provided by the installed generation. The Post-DG Conventional Rate scenario monthly bills may be found in pages 6 through 9 of schedules 2.2, 2.4, and 2.5 and in pages 6 through 10 of schedules 2.1 and 2.3.

The third scenario assumes that the customer installs distributed generation but takes service at Niagara Mohawk's Standby Tariff Rates. The load delivered by Niagara Mohawk was the total facility load net of that provided by the installed generation. The Post-DG Standby Rate scenario monthly bills may be found in pages 10 through 13 of schedules 2.2, 2.4, and 2.5 and in pages 11 through 14 of schedules 2.1 and 2.3.

The Industrial customer's bills were calculated assuming delivery at the transmission voltage delivery level. All other bills were calculated assuming delivery at the sub transmission voltage delivery level. This is more representative of the voltage delivery level of Niagara Mohawk's current standby rate customers.

The results have been annualized for each customer in a summary page which is provided in page 1 of each schedule. The bills are represented in an unbundled format and include the total bill amount, inclusive of commodity charges. The Delivery only revenue loss was calculated for a ten percent reduction in energy and demand. The percent of revenue loss was calculated two ways. In the first, the percent of revenue loss is calculated as the quotient of the total delivery revenue loss (excluding commodity related charges and surcharges) divided by the total annual bill (inclusive of commodity and surcharges). In the second, the percent of revenue loss is calculated as the quotient of the total delivery revenue loss (excluding commodity related charges and surcharges) divided by the total annual delivery charges (excluding commodity and surcharges).

The Niagara Mohawk typical bill presentation is based on current tariff Delivery related rates and charges effective January 1, 2003. Surcharge related rates in effect as of July 1, 2003 were also used. Commodity related charges inclusive of Electricity Supply Service (ESS), Demand Charge Adjustment (DCA) and the Commodity Adjustment Charge (CAC) which has been included in the DCA rate used, represent a composite calendar year 2003 six month actual and six month forecast values. In compliance with the manner in which the typical bills were prepared for the Report on Environmental Collaborative mentioned above, bill amounts were calculated exclusive of gross receipts taxes applicable to Delivery and Commodity related revenues.

An index of the attached schedules in Attachment 2, Schedule 2 is provided as follows:

Schedule	Page	Description
2.1	1	Annual Summary for Commercial
2.1	2	Commercial - Pre DG Scenario - May - September
2.1	3	Commercial - Pre DG Scenario - October
2.1	4	Commercial - Pre DG Scenario - November - March
2.1	5	Commercial - Pre DG Conventional Rate Scenario - April
2.1	6	Commercial - Post DG Conventional Rate Scenario - June
2.1	7	Commercial - Post DG Conventional Rate Scenario - May, July - September
2.1	8	Commercial - Post DG Conventional Rate Scenario - October
2.1	9	Commercial - Post DG Conventional Rate Scenario - November - March
2.1	10	Commercial - Post DG Conventional Rate Scenario - April
2.1	11	Commercial - Post DG Standby Rate Scenario - May - September
2.1	12	Commercial - Post DG Standby Rate Scenario - October
2.1	13	Commercial - Post DG Standby Rate Scenario - November - March
2.1	14	Commercial - Post DG Standby Rate Scenario - April
2.2	1	Annual Summary for Hospital

2.2	2	Hospital - Pre DG Scenario – May – September
2.2	3	Hospital - Pre DG Scenario – October
2.2	4	Hospital - Pre DG Scenario – November – March
2.2	5	Hospital - Pre DG Conventional Rate Scenario – April
2.2	6	Hospital - Post DG Conventional Rate Scenario – May – September
2.2	7	Hospital - Post DG Conventional Rate Scenario – October
2.2	8	Hospital - Post DG Conventional Rate Scenario – November – March
2.2	9	Hospital - Post DG Conventional Rate Scenario – April
2.2	10	Hospital - Post DG Standby Rate Scenario – May – September
2.2	11	Hospital - Post DG Standby Rate Scenario – October
2.2	12	Hospital - Post DG Standby Rate Scenario – November – March
2.2	13	Hospital - Post DG Standby Rate Scenario – April
2.3	1	Annual Summary for Industrial
2.3	2	Industrial - Pre DG Scenario – May – September
2.3	3	Industrial - Pre DG Scenario – October
2.3	4	Industrial - Pre DG Scenario – November – March
2.3	5	Industrial - Pre DG Conventional Rate Scenario – April
2.3	6	Industrial - Post DG Conventional Rate Scenario – June
2.3	7	Industrial - Post DG Conventional Rate Scenario – May, July – September
2.3	8	Industrial - Post DG Conventional Rate Scenario – October
2.3	9	Industrial - Post DG Conventional Rate Scenario – November – March
2.3	10	Industrial - Post DG Conventional Rate Scenario – April
Schedule	Page	Description (continued)
2.3	11	Industrial - Post DG Standby Rate Scenario – May – September
2.3	12	Industrial - Post DG Standby Rate Scenario – October
2.3	13	Industrial - Post DG Standby Rate Scenario – November – March
2.3	14	Industrial - Post DG Standby Rate Scenario – April
2.4	1	Annual Summary for School
2.4	2	School - Pre DG Scenario – May – September
2.4	3	School - Pre DG Scenario – October
2.4	4	School - Pre DG Scenario – November – March
2.4	5	School - Pre DG Conventional Rate Scenario – April
2.4	6	School – Post DG Conventional Rate Scenario – May – September
2.4	7	School – Post DG Conventional Rate Scenario – October
2.4	8	School – Post DG Conventional Rate Scenario – November – March
2.4	9	School – Post DG Conventional Rate Scenario – April
2.4	10	School – Post DG Standby Rate Scenario – May – September
2.4	11	School – Post DG Standby Rate Scenario – October
2.4	12	School – Post DG Standby Rate Scenario – November – March
2.4	13	School – Post DG Standby Rate Scenario – April
2.5	1	Annual Summary for Nursing Home
2.5	2	Nursing Home - Pre DG Scenario – May – September
2.5	3	Nursing Home - Pre DG Scenario – October
2.5	4	Nursing Home - Pre DG Scenario – November – March
2.5	5	Nursing Home - Pre DG Conventional Rate Scenario – April
2.5	6	Nursing Home - Post DG Conventional Rate Scenario – May – September
2.5	7	Nursing Home - Post DG Conventional Rate Scenario – October
2.5	8	Nursing Home - Post DG Conventional Rate Scenario – November – March
2.5	9	Nursing Home - Post DG Conventional Rate Scenario – April
2.5	10	Nursing Home - Post DG Standby Rate Scenario – May – September
2.5	11	Nursing Home - Post DG Standby Rate Scenario – October
2.5	12	Nursing Home - Post DG Standby Rate Scenario – November – March
2.5	13	Nursing Home - Post DG Standby Rate Scenario – April

ATTACHMENT 3

Attachment 3 contains typical bill analyses for the following National Grid electric utilities. All bill amounts were calculated using rates and charges effective July 1, 2003.

Schedule	Page	Description
1	1	Narragansett Electric Company Rate A16 Residential – 500 kWh
1	2	Narragansett Electric Company Rate G02 General C&I Rate – 40 kW/ 14,000 kWh
1	3	Narragansett Electric Company Rate G32 (Large Commercial) – 500 kW/ 150,000 kWh
1	4	Narragansett Electric Company Rate G62 (Large Industrial) – 50,000 kW/ 15,000,000 kWh
2	1	Granite State Electric Company Rate D Residential – 500 kWh
2	2	Granite State Electric Company Rate G2 Long Hour Service Rate (Commercial) 40 kW/ 14,000 kWh
2	3	Granite State Electric Company Rate G1 General Service TOU Rate (Industrial) – 500 kW/ 150,000 kWh
3	1	Massachusetts Electric Company Rate R1 Residential – 500 kWh
3	2	Massachusetts Electric Company Rate G2 General Service Demand Rate (Small Commercial) 40 kW/14,000 kWh
3	3	Massachusetts Electric Company Rate G3 Time of Use (Large Commercial) – 500 kW/ 150,000 kWh
3	4	Massachusetts Electric Company Rate G3 Time of Use (Large Industrial) – 50,000 kW/ 15,000,000 kWh

ATTACHMENT 2

Niagara Mohawk's Typical Bills

ATTACHMENT 2
SCHEDULE 1

Niagara Mohawk's Typical Bills
Standard Tariff Rates

**Niagara Mohawk Power Corporation
Typical Bill Analysis**

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 1, Page 1 of 5

<u>SC1-Residential</u>		<u>West</u> <u>Load Zones A/B</u>		<u>Central</u> <u>Load Zones C/D/E</u>		<u>East</u> <u>Load Zone F</u>	
500 kWh Bill		Rate	Amount	Rate	Amount	Rate	Amount
1. Generation	\$	0.05880	\$ 29.40	\$ 0.06210	\$ 31.05	\$ 0.06738	\$ 33.69
Delivery							
2. Per Customer	\$	14.92	\$ 14.92	\$ 14.92	\$ 14.92	\$ 14.92	\$ 14.92
3. Per kWh	\$	0.03523	\$ 17.62	\$ 0.03523	\$ 17.62	\$ 0.03523	\$ 17.62
CTC							
4. Per kWh	\$	0.01219	\$ 6.10	\$ 0.01002	\$ 5.01	\$ 0.00638	\$ 3.19
5. DCA	\$	(0.01215)	\$ (6.08)	\$ (0.01322)	\$ (6.61)	\$ (0.01479)	\$ (7.40)
6. NYPA	\$	(0.00092)	\$ (0.46)	\$ (0.00092)	\$ (0.46)	\$ (0.00092)	\$ (0.46)
7. SBC	\$	0.001537	\$ 0.77	\$ 0.001537	\$ 0.77	\$ 0.001537	\$ 0.77
8. TRAC	\$	0.00109	\$ 0.55	\$ 0.00109	\$ 0.55	\$ 0.00109	\$ 0.55
9. CAC	\$	(0.00324)	\$ (1.62)	\$ (0.00324)	\$ (1.62)	\$ (0.00324)	\$ (1.62)
10. Commodity	\$	0.05880	\$ 29.40	\$ 0.06210	\$ 31.05	\$ 0.06738	\$ 33.69
11. Delivery	\$	0.06360	\$ 31.80	\$ 0.06036	\$ 30.18	\$ 0.05514	\$ 27.57
12. Total	\$	0.12240	\$ <u>61.20</u>	\$ 0.12246	\$ <u>61.23</u>	\$ 0.12252	\$ <u>61.26</u>
<u>Revenue Loss for 10% Load Loss (50 kWh)</u>							
Delivery							
13. Per kWh	\$	0.03523	\$ 1.76	\$ 0.03523	\$ 1.76	\$ 0.03523	\$ 1.76
CTC							
14. Per kWh	\$	0.01219	\$ 0.61	\$ 0.01002	\$ 0.50	\$ 0.00638	\$ 0.32
15. Total Revenue Loss			\$ 2.37		\$ 2.26		\$ 2.08
16. Total Revenue Loss per kWh			\$ 0.04740		\$ 0.04520		\$ 0.04160
17. Pct of Revenue Loss			3.9%		3.7%		3.4%

NOTES:

- A. Line 15 = Line 13 + Line 14
- B. Line 16 = Line 15 ÷ 500
- C. Line 17 = Line 15 ÷ Line 12

**Niagara Mohawk Power Corporation
Typical Bill Analysis**

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 1, Page 2 of 5

<u>SC-2D- SMALLCOMMERCIAL</u>		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
40 kW, 350 Hours Use 14,000 kWh Bill		Rate	Amount	Rate	Amount	Rate	Amount
1. Generation	\$	0.06024 \$	843.36 \$	0.06367 \$	891.38 \$	0.06908 \$	967.12
Delivery							
2. Per Customer	\$	47.25 \$	47.25 \$	47.25 \$	47.25 \$	47.25 \$	47.25
3. Per kW	\$	8.32 \$	332.80 \$	8.32 \$	332.80 \$	8.32 \$	332.80
4. Per kWh	\$	0.00162 \$	22.68 \$	0.00162 \$	22.68 \$	0.00233 \$	32.62
CTC							
5. Per kWh	\$	0.02789 \$	390.46 \$	0.02552 \$	357.28 \$	0.02129 \$	298.06
6. DCA	\$	(0.01122) \$	(157.08) \$	(0.01212) \$	(169.68) \$	(0.01313) \$	(183.82)
7. SBC	\$	0.001537 \$	21.52 \$	0.001537 \$	21.52 \$	0.001537 \$	21.52
8. TRAC	\$	0.00130 \$	18.20 \$	0.00130 \$	18.20 \$	0.00130 \$	18.20
9. CAC	\$	(0.00307) \$	(42.98) \$	(0.00307) \$	(42.98) \$	(0.00307) \$	(42.98)
10. Commodity	\$	0.06024 \$	843.36 \$	0.06367 \$	891.38 \$	0.06908 \$	967.12
11. Delivery	\$	0.04520 \$	632.85 \$	0.04193 \$	587.07 \$	0.03740 \$	523.65
12. Total	\$	0.10544 \$	1,476.21 \$	0.10560 \$	1,478.45 \$	0.10648 \$	1,490.77
<u>Revenue Loss for 10% Load Loss (4 kW, 1,400 kWh)</u>							
Delivery							
13. Per kW	\$	8.32 \$	33.28 \$	8.32 \$	33.28 \$	8.32 \$	33.28
14. Per kWh	\$	0.00162 \$	2.27 \$	0.00162 \$	2.27 \$	0.00233 \$	3.26
CTC							
15. Per kWh	\$	0.02789 \$	39.05 \$	0.02552 \$	35.73 \$	0.02129 \$	29.81
16. Total Revenue Loss	\$		74.60	\$	71.28	\$	66.35
17. Total Revenue Loss per kWh	\$		0.05329	\$	0.05091	\$	0.04739
18. Pct of Revenue Loss			5.1%		4.8%		4.5%

NOTES:

- A. Line 16 = the Sum of Lines 13, 14 and 15
 B. Line 17 = Line 16 ÷ 14,000
 C. Line 18 = Line 16 ÷ Line 12

**Niagara Mohawk Power Corporation
Typical Bill Analysis**

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 1, Page 3 of 5

SC3-Pri (Large Commercial)		West Load Zones A/B		Central Load Zones C/D/E		East Load Zone F	
500 kW, 300 Hours Use 150,000 kWh Bill		Rate	Amount	Rate	Amount	Rate	Amount
1. Generation	\$	0.05712	\$ 8,568.00	\$ 0.06038	\$ 9,057.00	\$ 0.06558	\$ 9,837.00
Delivery							
2. Per Customer	\$	436.70	\$ 436.70	\$ 436.70	\$ 436.70	\$ 436.70	\$ 436.70
3. Per kW	\$	6.75	\$ 3,375.00	\$ 6.75	\$ 3,375.00	\$ 6.75	\$ 3,375.00
CTC							
4. Per kW	\$	5.94	\$ 2,970.00	\$ 5.94	\$ 2,970.00	\$ 5.94	\$ 2,970.00
Per kWh							
5. First 450 Hours Use	\$	0.02283	\$ 3,424.50	\$ 0.02064	\$ 3,096.00	\$ 0.01692	\$ 2,538.00
6. Over 450 Hours Use	\$	0.01046	\$ -	\$ 0.00827	\$ -	\$ 0.00455	\$ -
7. DCA	\$	(0.00693)	\$ (1,039.50)	\$ (0.00747)	\$ (1,120.50)	\$ (0.00821)	\$ (1,231.50)
8. SBC	\$	0.001537	\$ 230.55	\$ 0.001537	\$ 230.55	\$ 0.001537	\$ 230.55
9. TRAC	\$	0.00148	\$ 222.00	\$ 0.00148	\$ 222.00	\$ 0.00148	\$ 222.00
10. CAC	\$	(0.00171)	\$ (256.50)	\$ (0.00171)	\$ (256.50)	\$ (0.00171)	\$ (256.50)
11. Commodity	\$	0.05712	\$ 8,568.00	\$ 0.06038	\$ 9,057.00	\$ 0.06558	\$ 9,837.00
12. Delivery	\$	0.06242	\$ 9,362.75	\$ 0.05969	\$ 8,953.25	\$ 0.05523	\$ 8,284.25
13. Total	\$	0.11954	\$ 17,930.75	\$ 0.12007	\$ 18,010.25	\$ 0.12081	\$ 18,121.25
Revenue Loss for 10% Load Loss (50 kW, 15,000 kWh)							
Delivery							
14. Per kW	\$	6.75	\$ 337.50	\$ 6.75	\$ 337.50	\$ 6.75	\$ 337.50
CTC							
15. Per kW	\$	5.94	\$ 297.00	\$ 5.94	\$ 297.00	\$ 5.94	\$ 297.00
Per kWh							
16. First 450 Hours Use	\$	0.02283	\$ 342.45	\$ 0.02064	\$ 309.60	\$ 0.01692	\$ 253.80
17. Over 450 Hours Use	\$	0.01046	\$ -	\$ 0.00827	\$ -	\$ 0.00455	\$ -
18. Total Revenue Loss	\$		\$ 976.95	\$	\$ 944.10	\$	\$ 888.30
19. Total Revenue Loss per kWh	\$		\$ 0.06513	\$	\$ 0.06294	\$	\$ 0.05922
20. Pct of Revenue Loss			5.4%		5.2%		4.9%

NOTES:

- A. Line 18 = the Sum of Lines 14, 15, 16 and 17
- B. Line 19 = Line 18 + 150,000
- C. Line 20 = Line 18 + Line 13

**Niagara Mohawk Power Corporation
Typical Bill Analysis**

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 1, Page 4 of 5

<u>SC3A-Tran (Large Industrial))</u>			<u>West</u> <u>Load Zones A/B</u>		<u>Central</u> <u>Load Zones C/D/E</u>		<u>East</u> <u>Load Zone F</u>	
50,000 kW, 300 Hours Use 15,000,000 kWh Bill			Rate	Amount	Rate	Amount	Rate	Amount
1. Generation	On Peak	\$	0.06539	\$ 460,999.50	0.06935	\$ 488,917.50	0.07512	\$ 529,596.00
	Off-Peak	\$	0.04330	\$ 344,235.00	0.04560	\$ 362,520.00	0.04990	\$ 396,705.00
Delivery								
2. Per Customer		\$	3,172.00	\$ 3,172.00	3,172.00	\$ 3,172.00	3,172.00	\$ 3,172.00
3. Per kW		\$	2.20	\$ 110,000.00	2.20	\$ 110,000.00	2.20	\$ 110,000.00
CTC								
4. Per kW		\$	3.28	\$ 164,000.00	3.28	\$ 164,000.00	3.28	\$ 164,000.00
	Per kWh-First 250 Hours Use							
5. On-Peak		\$	0.02684	\$ 157,685.00	0.02341	\$ 137,533.75	0.01809	\$ 106,278.75
6. Off-Peak		\$	0.01869	\$ 123,821.25	0.01789	\$ 118,521.25	0.01585	\$ 105,006.25
7. SBC		\$	0.001537	\$ 23,055.00	0.001537	\$ 23,055.00	0.001537	\$ 23,055.00
8. TRAC		\$	0.00069	\$ 10,350.00	0.00069	\$ 10,350.00	0.00069	\$ 10,350.00
9. Commodity		\$	0.05368	\$ 805,234.50	0.05676	\$ 851,437.50	0.06175	\$ 926,301.00
10. Delivery		\$	0.03947	\$ 592,083.25	0.03778	\$ 566,632.00	0.03479	\$ 521,862.00
11. Total		\$	0.09315	\$ 1,397,317.75	0.09454	\$ 1,418,069.50	0.09654	\$ 1,448,163.00
<u>Revenue Loss for 10% Load Loss (5,000 kW, 1,500,000 kWh)</u>								
Delivery								
12. Per kW		\$	2.20	\$ 11,000.00	2.20	\$ 11,000.00	2.20	\$ 11,000.00
CTC								
13. Per kW		\$	3.28	\$ 16,400.00	3.28	\$ 16,400.00	3.28	\$ 16,400.00
	Per kWh-First 250 Hours Use							
14. On-Peak		\$	0.02684	\$ 15,768.50	0.02341	\$ 13,753.38	0.01809	\$ 10,627.88
15. Off-Peak		\$	0.01869	\$ 12,382.13	0.01789	\$ 11,852.13	0.01585	\$ 10,500.63
16. Total Revenue Loss		\$		55,550.63		53,005.51		48,528.51
17. Total Revenue Loss per kWh		\$		0.03703		0.03534		0.03235
18. Pct of Revenue Loss				4.0%		3.7%		3.4%

NOTES:

- A. Line 16 = the Sum of Lines 13, 14 and 15
 B. Line 17 = Line 16 ÷ 15,000,000
 C. Line 18 = Line 16 ÷ Line 11

**Niagara Mohawk Power Corporation
Typical Bill Analysis**

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 1, Page 5 of 5

<u>EZR [SC3-PRI]</u>		<u>West Load Zones A/B</u>		<u>Central Load Zones C/D/E</u>		<u>East Load Zone F</u>	
500 kW, 300 Hours Use 150,000 kWh Bill		Rate	Amount	Rate	Amount	Rate	Amount
1. Generation	\$	0.05712	\$ 8,568.00	\$ 0.06038	\$ 9,057.00	\$ 0.06558	\$ 9,837.00
Delivery							
2. Per Customer	\$	436.70	\$ 436.70	\$ 436.70	\$ 436.70	\$ 436.70	\$ 436.70
3. Per kW	\$	1.89	\$ 945.00	\$ 1.89	\$ 945.00	\$ 1.89	\$ 945.00
4. Per kWh	\$	0.00341	\$ 511.50	\$ 0.00341	\$ 511.50	\$ 0.00341	\$ 511.50
CTC							
5. Per kW	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -
6. Per kWh							
7. First 450 Hours Use	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -
8. Over 450 Hours Use	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -
9. DCA	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -
10. SBC	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -
11. TRAC	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -
12. Commodity	\$	0.05712	\$ 8,568.00	\$ 0.06038	\$ 9,057.00	\$ 0.06558	\$ 9,837.00
13. Delivery	\$	0.01262	\$ 1,893.20	\$ 0.01262	\$ 1,893.20	\$ 0.01262	\$ 1,893.20
14. Total	\$	0.06974	\$ 10,461.20	\$ 0.07300	\$ 10,950.20	\$ 0.07820	\$ 11,730.20
<u>Revenue Loss for 10% Load Loss (50 kW, 15,000 kWh)</u>							
Delivery							
15. Per kW	\$	1.89	\$ 94.50	\$ 1.89	\$ 94.50	\$ 1.89	\$ 94.50
16. Per kWh	\$	0.00341	\$ 51.15	\$ 0.00341	\$ 51.15	\$ 0.00341	\$ 51.15
CTC							
17. Per kW	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -
18. First 450 Hours Use	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -
19. Over 450 Hours Use	\$	-	\$ -	\$ -	\$ -	\$ -	\$ -
20. Total Revenue Loss	\$		145.65	\$	145.65	\$	145.65
21. Total Revenue Loss per kWh	\$		0.00971	\$	0.00971	\$	0.00971
22. Pct of Revenue Loss			1.4%		1.3%		1.2%

NOTES:

- A. Line 20 = the Sum of Lines 15, 16, 17, 18 and 19
 B. Line 21 = Line 20 ÷ 150,000
 C. Line 22 = Line 20 ÷ Line 14

**ATTACHMENT 2
SCHEDULE 2**

**Niagara Mohawk's Typical Bills
DG/CHP/EE Scenarios**

**ATTACHMENT 2
SCHEDULE 2.1**

**Niagara Mohawk's Typical Bills
DG/CHP/EE Scenarios
Commercial**

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: Commercial

Annual Summary

Prices in effect January 1, 2003
Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

	<u>West</u> <u>Load Zones A/B</u>	<u>Central</u> <u>Load Zones C/D/E</u>	<u>East</u> <u>Load Zone F</u>
Conventional Rates Pre-DG			
Parent SC3 Subtransmission			
1. Total Annual Charges	\$ 498,728	\$ 484,523	\$ 460,948
2. Annual Revenue Loss for a 10% Load Loss	\$ 22,482	\$ 21,364	\$ 19,400
3. Percent of Annual Revenue Loss to Total Bill	4.5%	4.4%	4.2%
4. Total Annual Delivery Charges	\$ 198,709	\$ 184,505	\$ 160,930
5. Percent of Annual Revenue Loss to Total Delivery	11.3%	11.6%	12.1%
Conventional Rates Post DG			
Parent SC3 Subtransmission			
6. Total Annual Charges	\$ 169,966	\$ 165,784	\$ 158,844
7. Annual Revenue Loss for a 10% Load Loss	\$ 8,471	\$ 8,142	\$ 7,564
8. Percent of Annual Revenue Loss	5.0%	4.9%	4.8%
9. Total Annual Delivery Charges	\$ 81,638	\$ 77,456	\$ 70,515
10. Percent of Annual Revenue Loss to Total Delivery	10.4%	10.5%	10.7%
Standby Rates Post DG			
Parent SC3 Subtransmission			
11. Total Annual Charges	\$ 247,150	\$ 244,088	\$ 231,692
12. Annual Revenue Loss for a 10% Load Loss	\$ 3,153	\$ 3,090	\$ 2,837
13. Percent of Annual Revenue Loss	1.3%	1.3%	1.2%
14. Total Annual Delivery Charges	\$ 157,872	\$ 154,811	\$ 142,414
15. Percent of Annual Revenue Loss to Total Delivery	2.0%	2.0%	2.0%

NOTES:

- A. Lines 1, 6 and 11 include commodity related charges
- B. Lines 2, 4, 7, 9, 12 and 14 exclude commodity related charges
- C. Line 3 = Line 2 ÷ Line 1
- D. Line 5 = Line 2 ÷ Line 4

- E. Line 8 = Line 7 ÷ Line 6
- E. Line 10 = Line 7 ÷ Line 9
- F. Line 13 = Line 12 ÷ Line 11
- G. Line 15 = Line 12 ÷ Line 14

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Commercial - Pre DG
Monthly Bill Applicable for May - September

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 435000

Total Metered kW/

NM Delivered: 1200

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83	\$ 554.83	554.83	\$ 554.83	554.83	\$ 554.83
2. Distribution Delivery kW	\$	2.51	\$ 3,012.00	2.51	\$ 3,012.00	2.51	\$ 3,012.00
3. CTC kW	\$	6.11	\$ 7,332.00	6.11	\$ 7,332.00	6.11	\$ 7,332.00
4. CTC kWh - First 450 hours use	\$	0.02205	\$ 9,591.75	0.01996	\$ 8,682.60	0.01629	\$ 7,086.15
5. CTC kWh - over 450 hours use	\$	0.01026	\$ -	0.00817	\$ -	0.00450	\$ -
6. DCA	\$	(0.00852)	\$ (3,707.49)	(0.00909)	\$ (3,953.09)	(0.00982)	\$ (4,273.21)
7. RKVA	\$	0.85	\$ -	0.85	\$ -	0.85	\$ -
8. SBC	\$	0.001537	\$ 668.60	0.001537	\$ 668.60	0.001537	\$ 668.60
9. TRAC	\$	0.00087	\$ 376.28	0.00087	\$ 376.28	0.00087	\$ 376.28
10. Commodity	\$	0.05607	\$ 24,390.45	0.05929	\$ 24,390.45	0.06443	\$ 24,390.45
11. Delivery	\$		\$ 17,827.96		\$ 16,673.21		\$ 14,756.64
12. Total	\$		\$ 42,218.41		\$ 41,063.66		\$ 39,147.09
Revenue Loss for a 10% load Loss		kW					
13. Distribution Delivery kW	\$	2.51	\$ 301.20	2.51	\$ 301.20	2.51	\$ 301.20
14. CTC per kW	\$	6.11	\$ 733.20	6.11	\$ 733.20	6.11	\$ 733.20
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$ 959.18	0.01996	\$ 868.26	0.01629	\$ 708.62
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$ -	0.00817	\$ -	0.00450	\$ -
17. Total Revenue Loss			\$ 1,993.58		\$ 1,902.66		\$ 1,743.02
18. Pct of Revenue Loss to Total Bill			4.7%		4.6%		4.5%
19. Pct of Revenue Loss to Total Delivery			11.2%		11.4%		11.8%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: Commercial - Pre DG

Monthly Bill Applicable For October

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 466000

Total Metered kW/

NM Delivered: 1100

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83 \$	554.83 \$	554.83 \$	554.83 \$	554.83 \$	554.83
2. Distribution Delivery kW	\$	2.51 \$	2,761.00 \$	2.51 \$	2,761.00 \$	2.51 \$	2,761.00
3. CTC kW	\$	6.11 \$	6,721.00 \$	6.11 \$	6,721.00 \$	6.11 \$	6,721.00
4. CTC kWh - First 450 hours use	\$	0.02205 \$	10,275.30 \$	0.01996 \$	9,301.36 \$	0.01629 \$	7,591.14
5. CTC kWh - over 450 hours use	\$	0.01026 \$	- \$	0.00817 \$	- \$	0.00450 \$	-
6. DCA	\$	(0.00852) \$	(3,971.70) \$	(0.00909) \$	(4,234.81) \$	(0.00982) \$	(4,577.73)
7. RKVA	\$	0.85 \$	- \$	0.85 \$	- \$	0.85 \$	-
8. SBC	\$	0.001537 \$	716.24 \$	0.001537 \$	716.24 \$	0.001537 \$	716.24
9. TRAC	\$	0.00087 \$	403.09 \$	0.00087 \$	403.09 \$	0.00087 \$	403.09
10. Commodity	\$	0.05607 \$	26,128.62 \$	0.05929 \$	26,128.62 \$	0.06443 \$	26,128.62
11. Delivery	\$		17,459.76 \$		16,222.71 \$		14,169.57
12. Total	\$		43,588.38		42,351.33		40,298.19
Revenue Loss for a 10% load Loss		kW					
13. Distribution Delivery kW	\$	2.51 \$	276.10 \$	2.51 \$	276.10 \$	2.51 \$	276.10
14. CTC per kW	\$	6.11 \$	672.10 \$	6.11 \$	672.10 \$	6.11 \$	672.10
15. CTC per kWh - First 450 Hours Use	\$	0.02205 \$	1,027.53 \$	0.01996 \$	930.14 \$	0.01629 \$	759.11
16. CTC per kWh - Over 450 hours Use	\$	0.01026 \$	- \$	0.00817 \$	- \$	0.00450 \$	-
17. Total Revenue Loss			1,975.73		1,878.34		1,707.31
18. Pct of Revenue Loss to Total Bill			4.5%		4.4%		4.2%
19. Pct of Revenue Loss to Total Delivery			11.3%		11.6%		12.0%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: Commercial - Pre DG

Monthly Bill Applicable For November - March

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 455000

Total Metered kW/

NM Delivered: 930

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83 \$	554.83 \$	554.83 \$	554.83 \$	554.83 \$	554.83
2. Distribution Delivery kW	\$	2.51 \$	2,334.30 \$	2.51 \$	2,334.30 \$	2.51 \$	2,334.30
3. CTC kW	\$	6.11 \$	5,682.30 \$	6.11 \$	5,682.30 \$	6.11 \$	5,682.30
4. CTC kWh - First 450 hours use	\$	0.02205 \$	9,227.93 \$	0.01996 \$	8,353.26 \$	0.01629 \$	6,817.37
5. CTC kWh - over 450 hours use	\$	0.01026 \$	374.49 \$	0.00817 \$	298.21 \$	0.00450 \$	164.25
6. DCA	\$	(0.00852) \$	(3,877.94) \$	(0.00909) \$	(4,134.85) \$	(0.00982) \$	(4,469.68)
7. RKVA	\$	0.85 \$	- \$	0.85 \$	- \$	0.85 \$	-
8. SBC	\$	0.001537 \$	699.34 \$	0.001537 \$	699.34 \$	0.001537 \$	699.34
9. TRAC	\$	0.00087 \$	393.58 \$	0.00087 \$	393.58 \$	0.00087 \$	393.58
10. Commodity	\$	0.05607 \$	25,511.85 \$	0.05929 \$	25,511.85 \$	0.06443 \$	25,511.85
11. Delivery	\$		15,388.81		14,180.96		12,176.28
12. Total	\$		40,900.66		39,692.81		37,688.13
Revenue Loss for a 10% load Loss		kW					
13. Distribution Delivery kW	\$	2.51 \$	233.43 \$	2.51 \$	233.43 \$	2.51 \$	233.43
14. CTC per kW	\$	6.11 \$	568.23 \$	6.11 \$	568.23 \$	6.11 \$	568.23
15. CTC per kWh - First 450 Hours Use	\$	0.02205 \$	922.79 \$	0.01996 \$	835.33 \$	0.01629 \$	681.74
16. CTC per kWh - Over 450 hours Use	\$	0.01026 \$	37.45 \$	0.00817 \$	29.82 \$	0.00450 \$	16.43
17. Total Revenue Loss			1,761.90		1,666.81		1,499.82
18. Pct of Revenue Loss to Total Bill			4.3%		4.2%		4.0%
19. Pct of Revenue Loss to Total Delivery			11.4%		11.8%		12.3%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: Commercial - Pre DG

Monthly Bill Applicable For April

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 450000

Total Metered kW/

NM Delivered: 930

		<u>West</u>						<u>Central</u>						<u>East</u>			
		<u>Load Zones A/B</u>						<u>Load Zones C/D/E</u>						<u>Load Zone F</u>			
			Rate		Amount				Rate		Amount				Rate		Amount
1.	Customer Charge	\$	554.83	\$	554.83	\$	554.83	\$	554.83	\$	554.83	\$	554.83	\$	554.83	\$	554.83
2.	Distribution Delivery kW	\$	2.51	\$	2,334.30	\$	2.51	\$	2,334.30	\$	2,334.30	\$	2.51	\$	2,334.30	\$	2,334.30
3.	CTC kW	\$	6.11	\$	5,682.30	\$	6.11	\$	5,682.30	\$	5,682.30	\$	6.11	\$	5,682.30	\$	5,682.30
4.	CTC kWh - First 450 hours use	\$	0.02205	\$	9,227.93	\$	0.01996	\$	8,353.26	\$	8,353.26	\$	0.01629	\$	6,817.37	\$	6,817.37
5.	CTC kWh - over 450 hours use	\$	0.01026	\$	323.19	\$	0.00817	\$	257.36	\$	257.36	\$	0.00450	\$	141.75	\$	141.75
6.	DCA	\$	(0.00852)	\$	(3,835.33)	\$	(0.00909)	\$	(4,089.41)	\$	(4,089.41)	\$	(0.00982)	\$	(4,420.56)	\$	(4,420.56)
7.	RKVA	\$	0.85	\$	-	\$	0.85	\$	-	\$	-	\$	0.85	\$	-	\$	-
8.	SBC	\$	0.001537	\$	691.65	\$	0.001537	\$	691.65	\$	691.65	\$	0.001537	\$	691.65	\$	691.65
9.	TRAC	\$	0.00087	\$	389.25	\$	0.00087	\$	389.25	\$	389.25	\$	0.00087	\$	389.25	\$	389.25
10.	Commodity	\$	0.05607	\$	25,231.50	\$	0.05929	\$	25,231.50	\$	25,231.50	\$	0.06443	\$	25,231.50	\$	25,231.50
11.	Delivery			\$	15,368.11			\$	14,173.54		14,173.54			\$	12,190.89		12,190.89
12.	Total			\$	40,599.61			\$	39,405.04		39,405.04			\$	37,422.39		37,422.39
<u>Revenue Loss for a 10% load Loss</u>																	
13.	Distribution Delivery kW	\$	2.51	\$	233.43	\$	2.51	\$	233.43	\$	233.43	\$	2.51	\$	233.43	\$	233.43
14.	CTC per kW	\$	6.11	\$	568.23	\$	6.11	\$	568.23	\$	568.23	\$	6.11	\$	568.23	\$	568.23
15.	CTC per kWh - First 450 Hours Use	\$	0.02205	\$	922.79	\$	0.01996	\$	835.33	\$	835.33	\$	0.01629	\$	681.74	\$	681.74
16.	CTC per kWh - Over 450 hours Use	\$	0.01026	\$	32.32	\$	0.00817	\$	25.74	\$	25.74	\$	0.00450	\$	14.18	\$	14.18
17.	Total Revenue Loss			\$	1,756.77			\$	1,662.72		1,662.72			\$	1,497.57		1,497.57
18.	Pct of Revenue Loss to Total Bill				4.3%						4.2%				4.0%		
19.	Pct of Revenue Loss to Total Delivery				11.4%						11.7%				12.3%		

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: Commercial - Post DG

Monthly Bill Applicable For June

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 128000

Total Metered kW/

NM Delivered: 1200

		<u>West</u>				<u>Central</u>				<u>East</u>	
		<u>Load Zones A/B</u>				<u>Load Zones C/D/E</u>				<u>Load Zone F</u>	
		Rate	Amount			Rate	Amount			Rate	Amount
1. Customer Charge	\$	554.83	\$ 554.83	\$	554.83	\$ 554.83	\$ 554.83	\$	554.83	\$ 554.83	\$ 554.83
2. Distribution Delivery kW	\$	2.51	\$ 3,012.00	\$	2.51	\$ 3,012.00	\$ 3,012.00	\$	2.51	\$ 3,012.00	\$ 3,012.00
3. CTC kW	\$	6.11	\$ 7,332.00	\$	6.11	\$ 7,332.00	\$ 7,332.00	\$	6.11	\$ 7,332.00	\$ 7,332.00
4. CTC kWh - First 450 hours use	\$	0.02205	\$ 2,822.40	\$	0.01996	\$ 2,554.88	\$ 2,554.88	\$	0.01629	\$ 2,085.12	\$ 2,085.12
5. CTC kWh - over 450 hours use	\$	0.01026	\$ -	\$	0.00817	\$ -	\$ -	\$	0.00450	\$ -	\$ -
6. DCA	\$	(0.00852)	\$ (1,090.94)	\$	(0.00909)	\$ (1,163.21)	\$ (1,163.21)	\$	(0.00982)	\$ (1,257.40)	\$ (1,257.40)
7. RKVA	\$	0.85	\$ -	\$	0.85	\$ -	\$ -	\$	0.85	\$ -	\$ -
8. SBC	\$	0.001537	\$ 196.74	\$	0.001537	\$ 196.74	\$ 196.74	\$	0.001537	\$ 196.74	\$ 196.74
9. TRAC	\$	0.00087	\$ 110.72	\$	0.00087	\$ 110.72	\$ 110.72	\$	0.00087	\$ 110.72	\$ 110.72
10. Commodity	\$	0.05607	\$ 7,176.96	\$	0.05929	\$ 7,176.96	\$ 7,176.96	\$	0.06443	\$ 7,176.96	\$ 7,176.96
11. Delivery	\$		\$ 12,937.75	\$		\$ 12,597.96	\$ 12,597.96	\$		\$ 12,034.00	\$ 12,034.00
12. Total	\$		\$ 20,114.71	\$		\$ 19,774.92	\$ 19,774.92	\$		\$ 19,210.96	\$ 19,210.96
Revenue Loss for a 10% load Loss											
13. Distribution Delivery kW	\$	2.51	\$ 301.20	\$	2.51	\$ 301.20	\$ 301.20	\$	2.51	\$ 301.20	\$ 301.20
14. CTC per kW	\$	6.11	\$ 733.20	\$	6.11	\$ 733.20	\$ 733.20	\$	6.11	\$ 733.20	\$ 733.20
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$ 282.24	\$	0.01996	\$ 255.49	\$ 255.49	\$	0.01629	\$ 208.51	\$ 208.51
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$ -	\$	0.00817	\$ -	\$ -	\$	0.00450	\$ -	\$ -
17. Total Revenue Loss	\$		\$ 1,316.64	\$		\$ 1,289.89	\$ 1,289.89	\$		\$ 1,242.91	\$ 1,242.91
18. Pct of Revenue Loss to Total Bill			6.5%			6.5%	6.5%			6.5%	6.5%
19. Pct of Revenue Loss to Total Delivery			10.2%			10.2%	10.2%			10.3%	10.3%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Commercial - Post DG
Monthly Bill Applicable for May, July - September

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 128000

Total Metered kW/

NM Delivered: 540

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83	\$	554.83	\$	554.83	\$
2. Distribution Delivery kW	\$	2.51	\$	2.51	\$	2.51	\$
3. CTC kW	\$	6.11	\$	6.11	\$	6.11	\$
4. CTC kWh - First 450 hours use	\$	0.02205	\$	0.01996	\$	0.01629	\$
5. CTC kWh - over 450 hours use	\$	0.01026	\$	0.00817	\$	0.00450	\$
6. DCA	\$	(0.00852)	\$	(0.00909)	\$	(0.00982)	\$
7. RKVA	\$	0.85	\$	0.85	\$	0.85	\$
8. SBC	\$	0.001537	\$	0.001537	\$	0.001537	\$
9. TRAC	\$	0.00087	\$	0.00087	\$	0.00087	\$
10. Commodity	\$	0.05607	\$	0.05929	\$	0.06443	\$
11. Delivery	\$		\$		\$		\$
12. Total	\$		\$		\$		\$
<u>Revenue Loss for a 10% load Loss</u>		kW					
13. Distribution Delivery kW	\$	2.51	\$	2.51	\$	2.51	\$
14. CTC per kW	\$	6.11	\$	6.11	\$	6.11	\$
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$	0.01996	\$	0.01629	\$
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$	0.00817	\$	0.00450	\$
17. Total Revenue Loss	\$		\$		\$		\$
18. Pct of Revenue Loss to Total Bill			5.2%		5.1%		5.0%
19. Pct of Revenue Loss to Total Delivery			10.3%		10.4%		10.6%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
B. Line 18 is Line 17 ÷ Line 12
C. Line 19 is Line 17 ÷ Line 11

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: Commercial - Post DG

Monthly Bill Applicable For October

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 141000

Total Metered kW/

NM Delivered: 540

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83 \$	554.83 \$	554.83 \$	554.83 \$	554.83 \$	554.83
2. Distribution Delivery kW	\$	2.51 \$	1,355.40 \$	2.51 \$	1,355.40 \$	2.51 \$	1,355.40
3. CTC kW	\$	6.11 \$	3,299.40 \$	6.11 \$	3,299.40 \$	6.11 \$	3,299.40
4. CTC kWh - First 450 hours use	\$	0.02205 \$	3,109.05 \$	0.01996 \$	2,814.36 \$	0.01629 \$	2,296.89
5. CTC kWh - over 450 hours use	\$	0.01026 \$	- \$	0.00817 \$	- \$	0.00450 \$	-
6. DCA	\$	(0.00852) \$	(1,201.74) \$	(0.00909) \$	(1,281.35) \$	(0.00982) \$	(1,385.11)
7. RKVA	\$	0.85 \$	- \$	0.85 \$	- \$	0.85 \$	-
8. SBC	\$	0.001537 \$	216.72 \$	0.001537 \$	216.72 \$	0.001537 \$	216.72
9. TRAC	\$	0.00087 \$	121.97 \$	0.00087 \$	121.97 \$	0.00087 \$	121.97
10. Commodity	\$	0.05607 \$	7,905.87 \$	0.05929 \$	7,905.87 \$	0.06443 \$	7,905.87
11. Delivery	\$		7,455.63 \$		7,081.32 \$		6,460.09
12. Total	\$		15,361.50		14,987.19		14,365.96
Revenue Loss for a 10% load Loss							
13. Distribution Delivery kW	\$	2.51 \$	135.54 \$	2.51 \$	135.54 \$	2.51 \$	135.54
14. CTC per kW	\$	6.11 \$	329.94 \$	6.11 \$	329.94 \$	6.11 \$	329.94
15. CTC per kWh - First 450 Hours Use	\$	0.02205 \$	310.91 \$	0.01996 \$	281.44 \$	0.01629 \$	229.69
16. CTC per kWh - Over 450 hours Use	\$	0.01026 \$	- \$	0.00817 \$	- \$	0.00450 \$	-
17. Total Revenue Loss	\$		776.39		746.92		695.17
18. Pct of Revenue Loss to Total Bill			5.1%		5.0%		4.8%
19. Pct of Revenue Loss to Total Delivery			10.4%		10.5%		10.8%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 ÷ Line 12
- C. Line 19 is Line 17 ÷ Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Commercial - Post DG
Monthly Bill Applicable For November - March

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 136000

Total Metered kW/

NM Delivered: 370

<u>West</u>					<u>Central</u>					<u>East</u>				
<u>Load Zones A/B</u>					<u>Load Zones C/D/E</u>					<u>Load Zone F</u>				
		Rate	Amount				Rate	Amount				Rate	Amount	
1.	Customer Charge	\$ 554.83	\$ 554.83	\$	\$ 554.83	\$ 554.83	\$	\$ 554.83	\$	\$ 554.83	\$ 554.83	\$	\$ 554.83	
2.	Distribution Delivery kW	\$ 2.51	\$ 928.70	\$	\$ 2.51	\$ 928.70	\$	\$ 2.51	\$ 928.70	\$	\$ 2.51	\$ 928.70	\$	\$ 928.70
3.	CTC kW	\$ 6.11	\$ 2,260.70	\$	\$ 6.11	\$ 2,260.70	\$	\$ 6.11	\$ 2,260.70	\$	\$ 6.11	\$ 2,260.70	\$	\$ 2,260.70
4.	CTC kWh - First 450 hours use	\$ 0.02205	\$ 2,998.80	\$	\$ 0.01996	\$ 2,714.56	\$	\$ 0.01629	\$ 2,215.44	\$	\$ 0.01629	\$ 2,215.44	\$	\$ 2,215.44
5.	CTC kWh - over 450 hours use	\$ 0.01026	\$ -	\$	\$ 0.00817	\$ -	\$	\$ 0.00450	\$ -	\$	\$ 0.00450	\$ -	\$	\$ -
6.	DCA	\$ (0.00852)	\$ (1,159.12)	\$	\$ (0.00909)	\$ (1,235.91)	\$	\$ (0.00982)	\$ (1,335.99)	\$	\$ (0.00982)	\$ (1,335.99)	\$	\$ (1,335.99)
7.	RKVA	\$ 0.85	\$ -	\$	\$ 0.85	\$ -	\$	\$ 0.85	\$ -	\$	\$ 0.85	\$ -	\$	\$ -
8.	SBC	\$ 0.001537	\$ 209.03	\$	\$ 0.001537	\$ 209.03	\$	\$ 0.001537	\$ 209.03	\$	\$ 0.001537	\$ 209.03	\$	\$ 209.03
9.	TRAC	\$ 0.00087	\$ 117.64	\$	\$ 0.00087	\$ 117.64	\$	\$ 0.00087	\$ 117.64	\$	\$ 0.00087	\$ 117.64	\$	\$ 117.64
10.	Commodity	\$ 0.05607	\$ 7,625.52	\$	\$ 0.05929	\$ 7,625.52	\$	\$ 0.06443	\$ 7,625.52	\$	\$ 0.06443	\$ 7,625.52	\$	\$ 7,625.52
11.	Delivery		\$ 5,910.58			\$ 5,549.55			\$ 5,549.55			\$ 4,950.35		\$ 4,950.35
12.	Total		\$ 13,536.10			\$ 13,175.07			\$ 13,175.07			\$ 12,575.87		\$ 12,575.87
<u>Revenue Loss for a 10% load Loss</u>														
13.	Distribution Delivery kW	\$ 2.51	\$ 92.87	\$	\$ 2.51	\$ 92.87	\$	\$ 2.51	\$ 92.87	\$	\$ 2.51	\$ 92.87	\$	\$ 92.87
14.	CTC per kW	\$ 6.11	\$ 226.07	\$	\$ 6.11	\$ 226.07	\$	\$ 6.11	\$ 226.07	\$	\$ 6.11	\$ 226.07	\$	\$ 226.07
15.	CTC per kWh - First 450 Hours Use	\$ 0.02205	\$ 299.88	\$	\$ 0.01996	\$ 271.46	\$	\$ 0.01629	\$ 221.54	\$	\$ 0.01629	\$ 221.54	\$	\$ 221.54
16.	CTC per kWh - Over 450 hours Use	\$ 0.01026	\$ -	\$	\$ 0.00817	\$ -	\$	\$ 0.00450	\$ -	\$	\$ 0.00450	\$ -	\$	\$ -
17.	Total Revenue Loss		\$ 618.82			\$ 590.40			\$ 540.48			\$ 540.48		
18.	Pct of Revenue Loss to Total Bill		4.6%			4.5%			4.3%			4.3%		
19.	Pct of Revenue Loss to Total Delivery		10.5%			10.6%			10.9%			10.9%		

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: Commercial - Post DG

Monthly Bill Applicable For April

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 136000

Total Metered kW/

NM Delivered: 185

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83 \$	554.83 \$	554.83 \$	554.83 \$	554.83 \$	554.83
2. Distribution Delivery kW	\$	2.51 \$	464.35 \$	2.51 \$	464.35 \$	2.51 \$	464.35
3. CTC kW	\$	6.11 \$	1,130.35 \$	6.11 \$	1,130.35 \$	6.11 \$	1,130.35
4. CTC kWh - First 450 hours use	\$	0.02205 \$	1,835.66 \$	0.01996 \$	1,661.67 \$	0.01629 \$	1,356.14
5. CTC kWh - over 450 hours use	\$	0.01026 \$	541.22 \$	0.00817 \$	430.97 \$	0.00450 \$	237.38
6. DCA	\$	(0.00852) \$	(1,159.12) \$	(0.00909) \$	(1,235.91) \$	(0.00982) \$	(1,335.99)
7. RKVA	\$	0.85 \$	- \$	0.85 \$	- \$	0.85 \$	-
8. SBC	\$	0.001537 \$	209.03 \$	0.001537 \$	209.03 \$	0.001537 \$	209.03
9. TRAC	\$	0.00087 \$	117.64 \$	0.00087 \$	117.64 \$	0.00087 \$	117.64
10. Commodity	\$	0.05607 \$	7,625.52 \$	0.05929 \$	7,625.52 \$	0.06443 \$	7,625.52
11. Delivery	\$		3,693.96		3,332.93		2,733.73
12. Total	\$		11,319.48		10,958.45		10,359.25
Revenue Loss for a 10% load Loss		kW					
13. Distribution Delivery kW	\$	2.51 \$	46.44 \$	2.51 \$	46.44 \$	2.51 \$	46.44
14. CTC per kW	\$	6.11 \$	113.04 \$	6.11 \$	113.04 \$	6.11 \$	113.04
15. CTC per kWh - First 450 Hours Use	\$	0.02205 \$	183.57 \$	0.01996 \$	166.17 \$	0.01629 \$	135.61
16. CTC per kWh - Over 450 hours Use	\$	0.01026 \$	54.12 \$	0.00817 \$	43.10 \$	0.00450 \$	23.74
17. Total Revenue Loss			397.16		368.73		318.82
18. Pct of Revenue Loss to Total Bill			3.5%		3.4%		3.1%
19. Pct of Revenue Loss to Total Delivery			10.8%		11.1%		11.7%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: Commercial - SC7

Monthly Bill Applicable for May - September

SC7 Standby Service

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Customer's Load kWh: 435000
Customer's Load kW: 1200
Total Metered kWh/
NM Delivered: 128000
Total Metered kW/
NM Delivered: 1200
Standby Contract Demand: 1200
As Used Daily Demand
Total: 6700

	<u>West</u> <u>Load Zones A/B</u>				<u>Central</u> <u>Load Zones C/D/E</u>				<u>East</u> <u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	554.83	\$ 554.83	\$	554.83	\$	554.83	\$	554.83	\$	554.83	
2. Customer CTC Charge	\$	2,395.68	\$ 2,395.68	\$	2,336.82	\$	2,336.82	\$	2,100.16	\$	2,100.16	
3. Standby Contract	\$	1.14	\$ 1,368.00	\$	1.14	\$	1,368.00	\$	1.14	\$	1,368.00	
4. Standby Contract CTC	\$	4.93	\$ 5,916.00	\$	4.81	\$	5,772.00	\$	4.32	\$	5,184.00	
5. As Used On-peak Daily	\$	0.08	\$ 527.29	\$	0.08	\$	527.29	\$	0.08	\$	527.29	
6. As Used On-Peak CTC	\$	0.34	\$ 2,275.99	\$	0.33	\$	2,219.71	\$	0.30	\$	1,995.26	
7. RKVA	\$	0.85	\$ -	\$	0.85	\$	-	\$	0.85	\$	-	
8. SBC	\$	0.001537	\$ 196.74	\$	0.001537	\$	196.74	\$	0.001537	\$	196.74	
9. TRAC	\$	0.00087	\$ 110.72	\$	0.00087	\$	110.72	\$	0.00087	\$	110.72	
10. Commodity	\$	0.05607	\$ 7,176.96	\$	0.05929	\$	7,176.96	\$	0.06443	\$	7,176.96	
11. Delivery			\$ 13,345.25				\$ 13,086.11				\$ 12,037.00	
12. Total			\$ 20,522.21				\$ 20,263.07				\$ 19,213.96	
Revenue Loss for a 10% load Loss 670 kW												
13. As Used On- Peak Daily Demand			\$ 52.73				\$ 52.73				\$ 52.73	
14. AS Used On-Peak CTC			\$ 227.60				\$ 221.97				\$ 199.53	
15. Total Revenue Loss			\$ 280.33				\$ 274.70				\$ 252.26	
16. Pct of Revenue Loss to Total Bill			1.4%				1.4%				1.3%	
17. Pct of Revenue Loss to Total Delivery			2.1%				2.1%				2.1%	

NOTES:

- A. Line 15 is the sum of Lines 13 and 14
- B. Line 16 is Line 15 + Line 12
- C. Line 17 is Line 15 + Line 11

Niagara Mohawk Power Corporation Typical Bill Analysis Example: Commercial - SC7 Monthly Bill Applicable For October

SC7 Standby Service
Parent SC3 Subtransmission
Prices in effect January 1, 2003
Commodity estimated using an average
of 6 months actual and 6 months forecast for 2003

Customer's Load kWh:	466000
Customer's Load kW:	1100
Total Metered kWh/ NM Delivered:	141000
Total Metered kW/ NM Delivered:	540
Standby Contract Demand:	1200
As Used Daily Demand	
Total:	8300

	<u>West</u> <u>Load Zones A/B</u>				<u>Central</u> <u>Load Zones C/D/E</u>				<u>East</u> <u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	554.83	\$ 554.83	\$	554.83	\$	554.83	\$	554.83	\$	554.83	
2. Customer CTC Charge	\$	2,395.68	\$ 2,395.68	\$	2,336.82	\$	2,336.82	\$	2,100.16	\$	2,100.16	
3. Standby Contract	\$	1.14	\$ 1,368.00	\$	1.14	\$	1,368.00	\$	1.14	\$	1,368.00	
4. Standby Contract CTC	\$	4.93	\$ 5,916.00	\$	4.81	\$	5,772.00	\$	4.32	\$	5,184.00	
5. As Used On-peak Daily	\$	0.08	\$ 653.21	\$	0.08	\$	653.21	\$	0.08	\$	653.21	
6. As Used On-Peak CTC	\$	0.34	\$ 2,819.51	\$	0.33	\$	2,749.79	\$	0.30	\$	2,471.74	
7. RKVA	\$	0.85	\$ -	\$	0.85	\$	-	\$	0.85	\$	-	
8. SBC	\$	0.001537	\$ 216.72	\$	0.001537	\$	216.72	\$	0.001537	\$	216.72	
9. TRAC	\$	0.00087	\$ 121.97	\$	0.00087	\$	121.97	\$	0.00087	\$	121.97	
10. Commodity	\$	0.05607	\$ 7,905.87	\$	0.05929	\$	7,905.87	\$	0.06443	\$	7,905.87	
11. Delivery			\$ 14,045.91				\$ 13,773.33				\$ 12,670.62	
12. Total			\$ 21,951.78				\$ 21,679.20				\$ 20,576.49	
Revenue Loss for a 10% load Loss 830 kW												
13. As Used On- Peak Daily Demand			\$ 65.32				\$ 65.32				\$ 65.32	
14. AS Used On-Peak CTC			\$ 281.95				\$ 274.98				\$ 247.17	
15. Total Revenue Loss			\$ 347.27				\$ 340.30				\$ 312.50	
16. Pct of Revenue Loss to Total Bill			1.6%				1.6%				1.5%	
17. Pct of Revenue Loss to Total Delivery			2.5%				2.5%				2.5%	

NOTES:

- A. Line 15 is the sum of Lines 13 and 14
- B. Line 16 is Line 15 + Line 12
- C. Line 17 is Line 15 + Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Commercial - SC7
Monthly Bill Applicable For November - March

SC7 Standby Service

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Customer's Load kWh: 455000

Customer's Load kW: 930

Total Metered kWh/

NM Delivered: 136000

Total Metered kW/

NM Delivered: 370

Standby Contract Demand: 1200

As Used Daily Demand

Total: 5500

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83
2. Customer CTC Charge	\$	2,395.68	\$ 2,395.68	\$ 2,336.82	\$ 2,336.82	\$ 2,100.16	\$ 2,100.16
3. Standby Contract	\$	1.14	\$ 1,368.00	\$ 1.14	\$ 1,368.00	\$ 1.14	\$ 1,368.00
4. Standby Contract CTC	\$	4.93	\$ 5,916.00	\$ 4.81	\$ 5,772.00	\$ 4.32	\$ 5,184.00
5. As Used On-peak Daily	\$	0.08	\$ 432.85	\$ 0.08	\$ 432.85	\$ 0.08	\$ 432.85
6. As Used On-Peak CTC	\$	0.34	\$ 1,868.35	\$ 0.33	\$ 1,822.15	\$ 0.30	\$ 1,637.90
7. RKVA	\$	0.85	\$ -	\$ 0.85	\$ -	\$ 0.85	\$ -
8. SBC	\$	0.001537	\$ 209.03	\$ 0.001537	\$ 209.03	\$ 0.001537	\$ 209.03
9. TRAC	\$	0.00087	\$ 117.64	\$ 0.00087	\$ 117.64	\$ 0.00087	\$ 117.64
10. Commodity	\$	0.05607	\$ 7,625.52	\$ 0.05929	\$ 7,625.52	\$ 0.06443	\$ 7,625.52
11. Delivery	\$		\$ 12,862.38		\$ 12,613.32		\$ 11,604.41
12. Total	\$		\$ 20,487.90		\$ 20,238.84		\$ 19,229.93
Revenue Loss for a 10% load Loss		550 kW					
13. As Used On- Peak Daily Demand	\$		\$ 43.29	\$	\$ 43.29	\$	\$ 43.29
14. AS Used On-Peak CTC	\$		\$ 186.84	\$	\$ 182.22	\$	\$ 163.79
15. Total Revenue Loss	\$		\$ 230.12	\$	\$ 225.50	\$	\$ 207.08
16. Pct of Revenue Loss to Total Bill			1.1%		1.1%		1.1%
17. Pct of Revenue Loss to Total Delivery			1.8%		1.8%		1.8%

NOTES:

A. Line 15 is the sum of Lines 13 and 14

B. Line 16 is Line 15 + Line 12

C. Line 17 is Line 15 + Line 11

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: Commercial - SC7

Monthly Bill Applicable For April

SC7 Standby Service

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity estimated using an average
of 6 months actual and 6 months forecast for 2003

Customer's Load kWh:	450000
Customer's Load kW:	930
Total Metered kWh/ NM Delivered:	136000
Total Metered kW/ NM Delivered:	185
Standby Contract Demand:	1200
As Used Daily Demand	
Total:	6100

	<u>West</u> <u>Load Zones A/B</u>				<u>Central</u> <u>Load Zones C/D/E</u>				<u>East</u> <u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	554.83	\$ 554.83	\$	554.83	\$	554.83	\$	554.83	\$	554.83	
2. Customer CTC Charge	\$	2,395.68	\$ 2,395.68	\$	2,336.82	\$	2,336.82	\$	2,100.16	\$	2,100.16	
3. Standby Contract	\$	1.14	\$ 1,368.00	\$	1.14	\$	1,368.00	\$	1.14	\$	1,368.00	
4. Standby Contract CTC	\$	4.93	\$ 5,916.00	\$	4.81	\$	5,772.00	\$	4.32	\$	5,184.00	
5. As Used On-peak Daily	\$	0.08	\$ 480.07	\$	0.08	\$	480.07	\$	0.08	\$	480.07	
6. As Used On-Peak CTC	\$	0.34	\$ 2,072.17	\$	0.33	\$	2,020.93	\$	0.30	\$	1,816.58	
7. RKVA	\$	0.85	\$ -	\$	0.85	\$	-	\$	0.85	\$	-	
8. SBC	\$	0.001537	\$ 209.03	\$	0.001537	\$	209.03	\$	0.001537	\$	209.03	
9. TRAC	\$	0.00087	\$ 117.64	\$	0.00087	\$	117.64	\$	0.00087	\$	117.64	
10. Commodity	\$	0.05607	\$ 7,625.52	\$	0.05929	\$	7,625.52	\$	0.06443	\$	7,625.52	
11. Delivery			\$ 13,113.42				\$ 12,859.32				\$ 11,830.31	
12. Total			\$ 20,738.94				\$ 20,484.84				\$ 19,455.83	
Revenue Loss for a 10% load Loss 610 kW												
13. As Used On- Peak Daily Demand			\$ 48.01			\$ 48.01				\$ 48.01		
14. AS Used On-Peak CTC			\$ 207.22			\$ 202.09				\$ 181.66		
15. Total Revenue Loss			\$ 255.22			\$ 250.10				\$ 229.67		
16. Pct of Revenue Loss to Total Bill			1.2%			1.2%				1.2%		
17. Pct of Revenue Loss to Total Delivery			1.9%			1.9%				1.9%		

NOTES:

- A. Line 15 is the sum of Lines 13 and 14
- B. Line 16 is Line 15 + Line 12
- C. Line 17 is Line 15 + Line 11

ATTACHMENT 2
SCHEDULE 2.2

Niagara Mohawk's Typical Bills
DG/CHP/EE Scenarios
Hospital

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: Hospital

Annual Summary

Prices in effect January 1, 2003
Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

	<u>West</u> <u>Load Zones A/B</u>	<u>Central</u> <u>Load Zones C/D/E</u>	<u>East</u> <u>Load Zone F</u>
Conventional Rates Pre-DG			
Parent SC3 Subtransmission			
1. Total Annual Charges	\$ 669,888	\$ 649,170	\$ 614,785
2. Annual Revenue Loss for a 10% Load Loss	\$ 27,342	\$ 25,711	\$ 22,847
3. Percent of Annual Revenue Loss	4.1%	4.0%	3.7%
4. Total Annual Delivery Charges	\$ 232,296	\$ 211,578	\$ 177,193
5. Percent of Annual Revenue Loss to Total Delivery	11.8%	12.2%	12.9%
Conventional Rates Post DG			
Parent SC2D			
6. Total Annual Charges	\$ 245,475	\$ 235,393	\$ 219,285
7. Annual Revenue Loss for a 10% Load Loss	\$ 9,580	\$ 8,851	\$ 7,549
8. Percent of Annual Revenue Loss	3.9%	3.8%	3.4%
9. Total Annual Delivery Charges	\$ 60,073	\$ 49,991	\$ 33,883
10. Percent of Annual Revenue Loss to Total Delivery	15.9%	17.7%	22.3%
Standby Rates Post DG			
Parent SC3 Subtransmission			
11. Total Annual Charges	\$ 340,185	\$ 337,009	\$ 324,097
12. Annual Revenue Loss for a 10% Load Loss	\$ 501	\$ 491	\$ 451
13. Percent of Annual Revenue Loss	0.1%	0.1%	0.1%
14. Total Annual Delivery Charges	\$ 167,617	\$ 164,442	\$ 151,529
15. Percent of Annual Revenue Loss to Total Delivery	0.3%	0.3%	0.3%

NOTES:

- | | |
|---|--|
| <p>A. Lines 1, 6 and 11 include commodity related charges</p> <p>B. Lines 2, 4, 7, 9, 12 and 14 exclude commodity related charges</p> <p>C. Line 3 = Line 2 ÷ Line 1</p> <p>D. Line 5 = Line 2 + Line 4</p> | <p>E. Line 8 = Line 7 ÷ Line 6</p> <p>E. Line 10 = Line 7 + Line 9</p> <p>F. Line 13 = Line 12 + Line 11</p> <p>G. Line 15 = Line 12 + Line 14</p> |
|---|--|

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Hospital - Pre DG
Monthly Bill Applicable for May - September

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.2, Page 2 of 13

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 890000

Total Metered kW/

NM Delivered: 1650

	<u>West</u>		<u>Central</u>		<u>East</u>	
	<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
	Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83
2. Distribution Delivery kW	\$ 2.51	\$ 4,141.50	\$ 2.51	\$ 4,141.50	\$ 2.51	\$ 4,141.50
3. CTC kW	\$ 6.11	\$ 10,081.50	\$ 6.11	\$ 10,081.50	\$ 6.11	\$ 10,081.50
4. CTC kWh - First 450 hours use	\$ 0.02205	\$ 16,372.13	\$ 0.01996	\$ 14,820.30	\$ 0.01629	\$ 12,095.33
5. CTC kWh - over 450 hours use	\$ 0.01026	\$ 1,513.35	\$ 0.00817	\$ 1,205.08	\$ 0.00450	\$ 663.75
6. DCA	\$ (0.00852)	\$ (7,585.43)	\$ (0.00909)	\$ (8,087.94)	\$ (0.00982)	\$ (8,742.88)
7. RKVA	\$ 0.85	\$ -	\$ 0.85	\$ -	\$ 0.85	\$ -
8. SBC	\$ 0.001537	\$ 1,367.93	\$ 0.001537	\$ 1,367.93	\$ 0.001537	\$ 1,367.93
9. TRAC	\$ 0.00087	\$ 769.85	\$ 0.00087	\$ 769.85	\$ 0.00087	\$ 769.85
10. Commodity	\$ 0.05607	\$ 49,902.30	\$ 0.05929	\$ 49,902.30	\$ 0.06443	\$ 49,902.30
11. Delivery		\$ 27,215.65		\$ 24,853.05		\$ 20,931.80
12. Total		\$ 77,117.95		\$ 74,755.35		\$ 70,834.10
Revenue Loss for a 10% load Loss						
13. Distribution Delivery kW	\$ 2.51	\$ 414.15	\$ 2.51	\$ 414.15	\$ 2.51	\$ 414.15
14. CTC per kW	\$ 6.11	\$ 1,008.15	\$ 6.11	\$ 1,008.15	\$ 6.11	\$ 1,008.15
15. CTC per kWh - First 450 Hours Use	\$ 0.02205	\$ 1,637.21	\$ 0.01996	\$ 1,482.03	\$ 0.01629	\$ 1,209.53
16. CTC per kWh - Over 450 hours Use	\$ 0.01026	\$ 151.34	\$ 0.00817	\$ 120.51	\$ 0.00450	\$ 66.38
17. Total Revenue Loss		\$ 3,210.85		\$ 3,024.84		\$ 2,698.21
18. Pct of Revenue Loss to Total Bill		4.2%		4.0%		3.8%
19. Pct of Revenue Loss to Total Delivery		11.8%		12.2%		12.9%

NOTES:

A. Line 17 is the sum of Lines 13, 14, 15 and 16

B. Line 18 is Line 17 ÷ Line 12

C. Line 19 is Line 17 ÷ Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Hospital - Pre DG
Monthly Bill Applicable For October

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.2, Page 3 of 13

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 598000

Total Metered kW/

NM Delivered: 1060

	<u>West</u> <u>Load Zones A/B</u>				<u>Central</u> <u>Load Zones C/D/E</u>				<u>East</u> <u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	554.83	\$ 554.83	\$	554.83	\$	554.83	\$	554.83	\$	554.83	
2. Distribution Delivery kW	\$	2.51	\$ 2,660.60	\$	2.51	\$	2,660.60	\$	2.51	\$	2,660.60	
3. CTC kW	\$	6.11	\$ 6,476.60	\$	6.11	\$	6,476.60	\$	6.11	\$	6,476.60	
4. CTC kWh - First 450 hours use	\$	0.02205	\$ 10,517.85	\$	0.01996	\$	9,520.92	\$	0.01629	\$	7,770.33	
5. CTC kWh - over 450 hours use	\$	0.01026	\$ 1,241.46	\$	0.00817	\$	988.57	\$	0.00450	\$	544.50	
6. DCA	\$	(0.00852)	\$ (5,096.73)	\$	(0.00909)	\$	(5,434.37)	\$	(0.00982)	\$	(5,874.43)	
7. RKVA	\$	0.85	\$ -	\$	0.85	\$	-	\$	0.85	\$	-	
8. SBC	\$	0.001537	\$ 919.13	\$	0.001537	\$	919.13	\$	0.001537	\$	919.13	
9. TRAC	\$	0.00087	\$ 517.27	\$	0.00087	\$	517.27	\$	0.00087	\$	517.27	
10. Commodity	\$	0.05607	\$ 33,529.86	\$	0.05929	\$	33,529.86	\$	0.06443	\$	33,529.86	
11. Delivery	\$		\$ 17,791.01	\$		\$	16,203.55	\$		\$	13,568.82	
12. Total	\$		\$ 51,320.87	\$		\$	49,733.41	\$		\$	47,098.68	
<u>Revenue Loss for a 10% load Loss</u>												
13. Distribution Delivery kW	\$	2.51	\$ 266.06	\$	2.51	\$	266.06	\$	2.51	\$	266.06	
14. CTC per kW	\$	6.11	\$ 647.66	\$	6.11	\$	647.66	\$	6.11	\$	647.66	
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$ 1,051.79	\$	0.01996	\$	952.09	\$	0.01629	\$	777.03	
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$ 124.15	\$	0.00817	\$	98.86	\$	0.00450	\$	54.45	
17. Total Revenue Loss	\$		\$ 2,089.65	\$		\$	1,964.67	\$		\$	1,745.20	
18. Pct of Revenue Loss to Total Bill			4.1%				4.0%				3.7%	
19. Pct of Revenue Loss to Total Delivery			11.7%				12.1%				12.9%	

NOTES:

A. Line 17 is the sum of Lines 13, 14, 15 and 16

B. Line 18 is Line 17 + Line 12

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Hospital - Pre DG
Monthly Bill Applicable For November - March

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.2, Page 4 of 13

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 431000

Total Metered kW/

NM Delivered: 700

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83
2. Distribution Delivery kW	\$	2.51	\$ 1,757.00	\$ 2.51	\$ 1,757.00	\$ 2.51	\$ 1,757.00
3. CTC kW	\$	6.11	\$ 4,277.00	\$ 6.11	\$ 4,277.00	\$ 6.11	\$ 4,277.00
4. CTC kWh - First 450 hours use	\$	0.02205	\$ 6,945.75	\$ 0.01996	\$ 6,287.40	\$ 0.01629	\$ 5,131.35
5. CTC kWh - over 450 hours use	\$	0.01026	\$ 1,190.16	\$ 0.00817	\$ 947.72	\$ 0.00450	\$ 522.00
6. DCA	\$	(0.00852)	\$ (3,673.39)	\$ (0.00909)	\$ (3,916.74)	\$ (0.00982)	\$ (4,233.91)
7. RKVA	\$	0.85	\$ -	\$ 0.85	\$ -	\$ 0.85	\$ -
8. SBC	\$	0.001537	\$ 662.45	\$ 0.001537	\$ 662.45	\$ 0.001537	\$ 662.45
9. TRAC	\$	0.00087	\$ 372.82	\$ 0.00087	\$ 372.82	\$ 0.00087	\$ 372.82
10. Commodity	\$	0.05607	\$ 24,166.17	\$ 0.05929	\$ 24,166.17	\$ 0.06443	\$ 24,166.17
11. Delivery	\$		\$ 12,086.61		\$ 10,942.47		\$ 9,043.53
12. Total	\$		\$ 36,252.78	\$	\$ 35,108.64	\$	\$ 33,209.70
Revenue Loss for a 10% load Loss							
	kW						
13. Distribution Delivery kW	\$	2.51	\$ 175.70	\$ 2.51	\$ 175.70	\$ 2.51	\$ 175.70
14. CTC per kW	\$	6.11	\$ 427.70	\$ 6.11	\$ 427.70	\$ 6.11	\$ 427.70
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$ 694.58	\$ 0.01996	\$ 628.74	\$ 0.01629	\$ 513.14
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$ 119.02	\$ 0.00817	\$ 94.77	\$ 0.00450	\$ 52.20
17. Total Revenue Loss	\$		\$ 1,416.99	\$	\$ 1,326.91	\$	\$ 1,168.74
18. Pct of Revenue Loss to Total Bill			3.9%		3.8%		3.5%
19. Pct of Revenue Loss to Total Delivery			11.7%		12.1%		12.9%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Hospital - Pre DG
Monthly Bill Applicable For April

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.2, Page 5 of 13

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 568000

Total Metered kW/

NM Delivered: 1000

			<u>West</u>		<u>Central</u>		<u>East</u>	
			<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
			Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$		554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83
2. Distribution Delivery kW	\$		2.51	\$ 2,510.00	\$ 2.51	\$ 2,510.00	\$ 2.51	\$ 2,510.00
3. CTC kW	\$		6.11	\$ 6,110.00	\$ 6.11	\$ 6,110.00	\$ 6.11	\$ 6,110.00
4. CTC kWh - First 450 hours use	\$		0.02205	\$ 9,922.50	\$ 0.01996	\$ 8,982.00	\$ 0.01629	\$ 7,330.50
5. CTC kWh - over 450 hours use	\$		0.01026	\$ 1,210.68	\$ 0.00817	\$ 964.06	\$ 0.00450	\$ 531.00
6. DCA	\$		(0.00852)	\$ (4,841.04)	\$ (0.00909)	\$ (5,161.74)	\$ (0.00982)	\$ (5,579.73)
7. RKVA	\$		0.85	\$ -	\$ 0.85	\$ -	\$ 0.85	\$ -
8. SBC	\$		0.001537	\$ 873.02	\$ 0.001537	\$ 873.02	\$ 0.001537	\$ 873.02
9. TRAC	\$		0.00087	\$ 491.32	\$ 0.00087	\$ 491.32	\$ 0.00087	\$ 491.32
10. Commodity	\$		0.05607	\$ 31,847.76	\$ 0.05929	\$ 31,847.76	\$ 0.06443	\$ 31,847.76
11. Delivery	\$			\$ 16,831.31		\$ 15,323.49		\$ 12,820.94
12. Total				\$ 48,679.07		\$ 47,171.25		\$ 44,668.70
<u>Revenue Loss for a 10% load Loss</u>			kW					
13. Distribution Delivery kW	\$		2.51	\$ 251.00	\$ 2.51	\$ 251.00	\$ 2.51	\$ 251.00
14. CTC per kW	\$		6.11	\$ 611.00	\$ 6.11	\$ 611.00	\$ 6.11	\$ 611.00
15. CTC per kWh - First 450 Hours Use	\$		0.02205	\$ 992.25	\$ 0.01996	\$ 898.20	\$ 0.01629	\$ 733.05
16. CTC per kWh - Over 450 hours Use	\$		0.01026	\$ 121.07	\$ 0.00817	\$ 96.41	\$ 0.00450	\$ 53.10
17. Total Revenue Loss				\$ 1,975.32		\$ 1,856.61		\$ 1,648.15
18. Pct of Revenue Loss to Total Bill				4.1%		3.9%		3.7%
19. Pct of Revenue Loss to Total Delivery				11.7%		12.1%		12.9%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 ÷ Line 12
- C. Line 19 is Line 17 ÷ Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Hospital - Post DG
Monthly Bill Applicable for May - September

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.2, Page 6 of 13

Parent SC2D

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 343000

Total Metered kW/

NM Delivered: 50

	<u>West</u> <u>Load Zones A/B</u>				<u>Central</u> <u>Load Zones C/D/E</u>				<u>East</u> <u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	47.25	\$ 47.25	\$	47.25	\$	47.25	\$	47.25	\$	47.25	
2. Distribution Delivery kW	\$	8.32	\$ 416.00	\$	8.32	\$	416.00	\$	8.32	\$	416.00	
3. Distribution Delivery kWh	\$	0.00162	\$ 555.66	\$	0.00162	\$	555.66	\$	0.00162	\$	555.66	
4. CTC kW	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	
5. CTC kWh	\$	0.02789	\$ 9,566.27	\$	0.02552	\$	8,753.36	\$	0.02129	\$	7,302.47	
6. DCA	\$	(0.01429)	\$ (4,900.13)	\$	(0.01519)	\$	(5,210.82)	\$	(0.01620)	\$	(5,555.12)	
7. RKVA	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	
8. SBC	\$	0.001537	\$ 527.19	\$	0.001537	\$	527.19	\$	0.001537	\$	527.19	
9. TRAC	\$	0.00096	\$ 327.91	\$	0.00096	\$	327.91	\$	0.00096	\$	327.91	
10. Commodity	\$	0.06024	\$ 20,662.32	\$	0.06367	\$	20,662.32	\$	0.06908	\$	20,662.32	
11. Delivery			\$ 6,540.15				\$ 5,416.55				\$ 3,621.36	
12. Total			\$ 27,202.47				\$ 26,078.87				\$ 24,283.68	
<u>Revenue Loss for a 10% load Loss</u>												
13. Distribution Delivery kW	\$	8.32	\$ 41.60	\$	8.32	\$	41.60	\$	8.32	\$	41.60	
14. Distribution Delivery kWh	\$	0.00162	\$ 55.57	\$	0.00162	\$	55.57	\$	0.00162	\$	55.57	
15. CTC per kW	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	
16. CTC per kWh	\$	0.02789	\$ 956.63	\$	0.02552	\$	875.34	\$	0.02129	\$	730.25	
17. Total Revenue Loss			\$ 1,053.79				\$ 972.50				\$ 827.41	
18. Pct of Revenue Loss to Total Bill			3.9%				3.7%				3.4%	
19. Pct of Revenue Loss to Total Delivery			16.1%				18.0%				22.8%	

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
B. Line 18 is Line 17 + Line 12
C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Hospital - Post DG
Monthly Bill Applicable For October

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.2, Page 7 of 13

Parent SC2D

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 244000

Total Metered kW/

NM Delivered: 50

	<u>West</u> <u>Load Zones A/B</u>				<u>Central</u> <u>Load Zones C/D/E</u>				<u>East</u> <u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	47.25	\$ 47.25	\$	47.25	\$	47.25	\$	47.25	\$	47.25	
2. Distribution Delivery kW	\$	8.32	\$ 416.00	\$	8.32	\$	416.00	\$	8.32	\$	416.00	
3. Distribution Delivery kWh	\$	0.00162	\$ 395.28	\$	0.00162	\$	395.28	\$	0.00162	\$	395.28	
4. CTC kW	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	
5. CTC kWh	\$	0.02789	\$ 6,805.16	\$	0.02552	\$	6,226.88	\$	0.02129	\$	5,194.76	
6. DCA	\$	(0.01429)	\$ (3,485.80)	\$	(0.01519)	\$	(3,706.82)	\$	(0.01620)	\$	(3,951.75)	
7. RKVA	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	
8. SBC	\$	0.001537	\$ 375.03	\$	0.001537	\$	375.03	\$	0.001537	\$	375.03	
9. TRAC	\$	0.00096	\$ 233.26	\$	0.00096	\$	233.26	\$	0.00096	\$	233.26	
10. Commodity	\$	0.06024	\$ 14,698.56	\$	0.06367	\$	14,698.56	\$	0.06908	\$	14,698.56	
11. Delivery			\$ 4,786.18				\$ 3,986.88				\$ 2,709.84	
12. Total			\$ 19,484.74				\$ 18,685.44				\$ 17,408.40	
Revenue Loss for a 10% load Loss												
			kW									
13. Distribution Delivery kW	\$	8.32	\$ 41.60	\$	8.32	\$	41.60	\$	8.32	\$	41.60	
14. Distribution Delivery kWh	\$	0.00162	\$ 39.53	\$	0.00162	\$	39.53	\$	0.00162	\$	39.53	
15. CTC per kW	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	
16. CTC per kWh	\$	0.02789	\$ 680.52	\$	0.02552	\$	622.69	\$	0.02129	\$	519.48	
17. Total Revenue Loss			\$ 761.64				\$ 703.82				\$ 600.60	
18. Pct of Revenue Loss to Total Bill			3.9%				3.8%				3.5%	
19. Pct of Revenue Loss to Total Delivery			15.9%				17.7%				22.2%	

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Hospital - Post DG
Monthly Bill Applicable For November - March

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.2, Page 8 of 13

Parent SC2D

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 175000

Total Metered kW/

NM Delivered: 50

	<u>West</u>				<u>Central</u>				<u>East</u>			
	<u>Load Zones A/B</u>				<u>Load Zones C/D/E</u>				<u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	47.25	\$ 47.25	\$	47.25	\$ 47.25	\$ 47.25	\$	47.25	\$ 47.25	\$ 47.25	\$
2. Distribution Delivery kW	\$	8.32	\$ 416.00	\$	8.32	\$ 416.00	\$ 416.00	\$	8.32	\$ 416.00	\$ 416.00	\$
3. Distribution Delivery kWh	\$	0.00162	\$ 283.50	\$	0.00162	\$ 283.50	\$ 283.50	\$	0.00162	\$ 283.50	\$ 283.50	\$
4. CTC kW	\$	-	\$ -	\$	-	\$ -	\$ -	\$	-	\$ -	\$ -	\$
5. CTC kWh	\$	0.02789	\$ 4,880.75	\$	0.02552	\$ 4,466.00	\$ 4,466.00	\$	0.02129	\$ 3,725.75	\$ 3,725.75	\$
6. DCA	\$	(0.01429)	\$ (2,500.06)	\$	(0.01519)	\$ (2,658.58)	\$ (2,658.58)	\$	(0.01620)	\$ (2,834.24)	\$ (2,834.24)	\$
7. RKVA	\$	-	\$ -	\$	-	\$ -	\$ -	\$	-	\$ -	\$ -	\$
8. SBC	\$	0.001537	\$ 268.98	\$	0.001537	\$ 268.98	\$ 268.98	\$	0.001537	\$ 268.98	\$ 268.98	\$
9. TRAC	\$	0.00096	\$ 167.30	\$	0.00096	\$ 167.30	\$ 167.30	\$	0.00096	\$ 167.30	\$ 167.30	\$
10. Commodity	\$	0.06024	\$ 10,542.00	\$	0.06367	\$ 10,542.00	\$ 10,542.00	\$	0.06908	\$ 10,542.00	\$ 10,542.00	\$
11. Delivery			\$ 3,563.71			\$ 2,990.45				\$ 2,074.53		
12. Total			\$ 14,105.71			\$ 13,532.45				\$ 12,616.53		
<u>Revenue Loss for a 10% load Loss</u>												
13. Distribution Delivery kW	\$	8.32	\$ 41.60	\$	8.32	\$ 41.60	\$ 41.60	\$	8.32	\$ 41.60	\$ 41.60	\$
14. Distribution Delivery kWh	\$	0.00162	\$ 28.35	\$	0.00162	\$ 28.35	\$ 28.35	\$	0.00162	\$ 28.35	\$ 28.35	\$
15. CTC per kW	\$	-	\$ -	\$	-	\$ -	\$ -	\$	-	\$ -	\$ -	\$
16. CTC per kWh	\$	0.02789	\$ 488.08	\$	0.02552	\$ 446.60	\$ 446.60	\$	0.02129	\$ 372.58	\$ 372.58	\$
17. Total Revenue Loss			\$ 558.03			\$ 516.55				\$ 442.53		
18. Pct of Revenue Loss to Total Bill			4.0%			3.8%				3.5%		
19. Pct of Revenue Loss to Total Delivery			15.7%			17.3%				21.3%		

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
B. Line 18 is Line 17 + Line 12
C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Hospital - Post DG
Monthly Bill Applicable For April

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.2, Page 9 of 13

Parent SC2D

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 232000

Total Metered kW/

NM Delivered: 50

	<u>West</u> <u>Load Zones A/B</u>				<u>Central</u> <u>Load Zones C/D/E</u>				<u>East</u> <u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	47.25	\$ 47.25	\$	47.25	\$	47.25	\$	47.25	\$	47.25	
2. Distribution Delivery kW	\$	8.32	\$ 416.00	\$	8.32	\$	416.00	\$	8.32	\$	416.00	
3. Distribution Delivery kWh	\$	0.00162	\$ 375.84	\$	0.00162	\$	375.84	\$	0.00162	\$	375.84	
4. CTC kW	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	
5. CTC kWh	\$	0.02789	\$ 6,470.48	\$	0.02552	\$	5,920.64	\$	0.02129	\$	4,939.28	
6. DCA	\$	(0.01429)	\$ (3,314.37)	\$	(0.01519)	\$	(3,524.52)	\$	(0.01620)	\$	(3,757.40)	
7. RKVA	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	
8. SBC	\$	0.001537	\$ 356.58	\$	0.001537	\$	356.58	\$	0.001537	\$	356.58	
9. TRAC	\$	0.00096	\$ 221.79	\$	0.00096	\$	221.79	\$	0.00096	\$	221.79	
10. Commodity	\$	0.06024	\$ 13,975.68	\$	0.06367	\$	13,975.68	\$	0.06908	\$	13,975.68	
11. Delivery			\$ 4,573.57				\$ 3,813.59				\$ 2,599.35	
12. Total			\$ 18,549.25				\$ 17,789.27				\$ 16,575.03	
Revenue Loss for a 10% load Loss kW												
13. Distribution Delivery kW	\$	8.32	\$ 41.60	\$	8.32	\$	41.60	\$	8.32	\$	41.60	
14. Distribution Delivery kWh	\$	0.00162	\$ 37.58	\$	0.00162	\$	37.58	\$	0.00162	\$	37.58	
15. CTC per kW	\$	-	\$ -	\$	-	\$	-	\$	-	\$	-	
16. CTC per kWh	\$	0.02789	\$ 647.05	\$	0.02552	\$	592.06	\$	0.02129	\$	493.93	
17. Total Revenue Loss			\$ 726.23				\$ 671.25				\$ 573.11	
18. Pct of Revenue Loss to Total Bill			3.9%				3.8%				3.5%	
19. Pct of Revenue Loss to Total Delivery			15.9%				17.6%				22.0%	

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
B. Line 18 is Line 17 + Line 12
C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Hospital - SC7
Monthly Bill Applicable for May - September

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.2, Page 10 of 13

SC7 Standby Service

Parent SC3 Subtransmission

Prices in effect January 1, 2003

**Commodity estimated using an average
of 6 months actual and 6 months forecast for 2003**

Customer's Load kWh:	890000
Customer's Load kW:	1650
Total Metered kWh/	
NM Delivered:	343000
Total Metered kW/	
NM Delivered:	50
Standby Contract Demand:	1650
As Used Daily Demand	
Total:	1000

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83
2. Customer CTC Charge	\$	2,395.68	\$ 2,395.68	\$ 2,336.82	\$ 2,336.82	\$ 2,100.16	\$ 2,100.16
3. Standby Contract	\$	1.14	\$ 1,881.00	\$ 1.14	\$ 1,881.00	\$ 1.14	\$ 1,881.00
4. Standby Contract CTC	\$	4.93	\$ 8,134.50	\$ 4.81	\$ 7,936.50	\$ 4.32	\$ 7,128.00
5. As Used On-peak Daily	\$	0.08	\$ 78.70	\$ 0.08	\$ 78.70	\$ 0.08	\$ 78.70
6. As Used On-Peak CTC	\$	0.34	\$ 339.70	\$ 0.33	\$ 331.30	\$ 0.30	\$ 297.80
7. RKVA	\$	0.85	\$ -	\$ 0.85	\$ -	\$ 0.85	\$ -
8. SBC	\$	0.001537	\$ 527.19	\$ 0.001537	\$ 527.19	\$ 0.001537	\$ 527.19
9. TRAC	\$	0.00087	\$ 296.70	\$ 0.00087	\$ 296.70	\$ 0.00087	\$ 296.70
10. Commodity	\$	0.05607	\$ 19,232.01	\$ 0.05929	\$ 19,232.01	\$ 0.06443	\$ 19,232.01
11. Delivery	\$		\$ 14,208.30		\$ 13,943.04		\$ 12,864.38
12. Total	\$		\$ 33,440.31		\$ 33,175.05		\$ 32,096.39
<u>Revenue Loss for a 10% load Loss</u>							
			100 kW				
13. As Used On- Peak Daily Demand	\$		\$ 7.87	\$	\$ 7.87	\$	\$ 7.87
14. AS Used On-Peak CTC	\$		\$ 33.97	\$	\$ 33.13	\$	\$ 29.78
15. Total Revenue Loss	\$		\$ 41.84	\$	\$ 41.00	\$	\$ 37.65
16. Pct of Revenue Loss to Total Bill			0.1%		0.1%		0.1%
17. Pct of Revenue Loss to Total Delivery			0.3%		0.3%		0.3%

NOTES:

- A. Line 15 is the sum of Lines 13 and 14
B. Line 16 is Line 15 ÷ Line 12
C. Line 17 is Line 15 ÷ Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Hospital - SC7
Monthly Bill Applicable For October

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.2, Page 11 of 13

SC7 Standby Service

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity estimated using an average
of 6 months actual and 6 months forecast for 2003

Customer's Load kWh:	598000
Customer's Load kW:	1060
Total Metered kWh/	
NM Delivered:	244000
Total Metered kW/	
NM Delivered:	50
Standby Contract Demand:	1650
As Used Daily Demand	
Total:	1000

	<u>West</u>				<u>Central</u>				<u>East</u>			
	<u>Load Zones A/B</u>				<u>Load Zones C/D/E</u>				<u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	554.83	\$ 554.83	\$	554.83	\$	554.83	\$	554.83	\$	554.83	
2. Customer CTC Charge	\$	2,395.68	\$ 2,395.68	\$	2,336.82	\$	2,336.82	\$	2,100.16	\$	2,100.16	
3. Standby Contract	\$	1.14	\$ 1,881.00	\$	1.14	\$	1,881.00	\$	1.14	\$	1,881.00	
4. Standby Contract CTC	\$	4.93	\$ 8,134.50	\$	4.81	\$	7,936.50	\$	4.32	\$	7,128.00	
5. As Used On-peak Daily	\$	0.08	\$ 78.70	\$	0.08	\$	78.70	\$	0.08	\$	78.70	
6. As Used On-Peak CTC	\$	0.34	\$ 339.70	\$	0.33	\$	331.30	\$	0.30	\$	297.80	
7. RKVA	\$	0.85	\$ -	\$	0.85	\$	-	\$	0.85	\$	-	
8. SBC	\$	0.001537	\$ 375.03	\$	0.001537	\$	375.03	\$	0.001537	\$	375.03	
9. TRAC	\$	0.00087	\$ 211.06	\$	0.00087	\$	211.06	\$	0.00087	\$	211.06	
10. Commodity	\$	0.05607	\$ 13,681.08	\$	0.05929	\$	13,681.08	\$	0.06443	\$	13,681.08	
11. Delivery	\$		\$ 13,970.50	\$		\$	13,705.24	\$		\$	12,626.58	
12. Total	\$		\$ 27,651.58	\$		\$	27,386.32	\$		\$	26,307.66	
Revenue Loss for a 10% load Loss 100 kW												
13. As Used On- Peak Daily Demand	\$		\$ 7.87	\$		\$	7.87	\$		\$	7.87	
14. AS Used On-Peak CTC	\$		\$ 33.97	\$		\$	33.13	\$		\$	29.78	
15. Total Revenue Loss	\$		\$ 41.84	\$		\$	41.00	\$		\$	37.65	
16. Pct of Revenue Loss to Total Bill			0.2%				0.1%				0.1%	
17. Pct of Revenue Loss to Total Delivery			0.3%				0.3%				0.3%	

NOTES:

- A. Line 15 is the sum of Lines 13 and 14
- B. Line 16 is Line 15 + Line 12
- C. Line 17 is Line 15 + Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Hospital - SC7
Monthly Bill Applicable For November - March

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.2, Page 12 of 13

SC7 Standby Service

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity estimated using an average
of 6 months actual and 6 months forecast for 2003

Customer's Load kWh:	431000
Customer's Load kW:	700
Total Metered kWh/	
NM Delivered:	175000
Total Metered kW/	
NM Delivered:	50
Standby Contract Demand:	1650
As Used Daily Demand	
Total:	1000

	<u>West</u>		<u>Central</u>		<u>East</u>	
	<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
	Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83
2. Customer CTC Charge	\$ 2,395.68	\$ 2,395.68	\$ 2,336.82	\$ 2,336.82	\$ 2,100.16	\$ 2,100.16
3. Standby Contract	\$ 1.14	\$ 1,881.00	\$ 1.14	\$ 1,881.00	\$ 1.14	\$ 1,881.00
4. Standby Contract CTC	\$ 4.93	\$ 8,134.50	\$ 4.81	\$ 7,936.50	\$ 4.32	\$ 7,128.00
5. As Used On-peak Daily	\$ 0.08	\$ 78.70	\$ 0.08	\$ 78.70	\$ 0.08	\$ 78.70
6. As Used On-Peak CTC	\$ 0.34	\$ 339.70	\$ 0.33	\$ 331.30	\$ 0.30	\$ 297.80
7. RKVA	\$ 0.85	\$ -	\$ 0.85	\$ -	\$ 0.85	\$ -
8. SBC	\$ 0.001537	\$ 268.98	\$ 0.001537	\$ 268.98	\$ 0.001537	\$ 268.98
9. TRAC	\$ 0.00087	\$ 151.38	\$ 0.00087	\$ 151.38	\$ 0.00087	\$ 151.38
10. Commodity	\$ 0.05607	\$ 9,812.25	\$ 0.05929	\$ 9,812.25	\$ 0.06443	\$ 9,812.25
11. Delivery		\$ 13,804.76		\$ 13,539.50		\$ 12,460.84
12. Total		\$ 23,617.01		\$ 23,351.75		\$ 22,273.09
<u>Revenue Loss for a 10% load Loss</u>						
	100 kW					
13. As Used On- Peak Daily Demand	\$	7.87	\$	7.87	\$	7.87
14. AS Used On-Peak CTC	\$	33.97	\$	33.13	\$	29.78
15. Total Revenue Loss	\$	41.84	\$	41.00	\$	37.65
16. Pct of Revenue Loss to Total Bill		0.2%		0.2%		0.2%
17. Pct of Revenue Loss to Total Delivery		0.3%		0.3%		0.3%

NOTES:

- A. Line 15 is the sum of Lines 13 and 14
B. Line 16 is Line 15 + Line 12

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Hospital - SC7
Monthly Bill Applicable For April

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.2, Page 13 of 13

SC7 Standby Service

Parent SC3 Subtransmission

Prices in effect January 1, 2003

**Commodity estimated using an average
of 6 months actual and 6 months forecast for 2003**

Customer's Load kWh:	568000
Customer's Load kW:	1000
Total Metered kWh/	
NM Delivered:	232000
Total Metered kW/	
NM Delivered:	50
Standby Contract Demand:	1650
As Used Daily Demand	
Total:	1000

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83
2. Customer CTC Charge	\$	2,395.68	\$ 2,395.68	\$ 2,336.82	\$ 2,336.82	\$ 2,100.16	\$ 2,100.16
3. Standby Contract	\$	1.14	\$ 1,881.00	\$ 1.14	\$ 1,881.00	\$ 1.14	\$ 1,881.00
4. Standby Contract CTC	\$	4.93	\$ 8,134.50	\$ 4.81	\$ 7,936.50	\$ 4.32	\$ 7,128.00
5. As Used On-peak Daily	\$	0.08	\$ 78.70	\$ 0.08	\$ 78.70	\$ 0.08	\$ 78.70
6. As Used On-Peak CTC	\$	0.34	\$ 339.70	\$ 0.33	\$ 331.30	\$ 0.30	\$ 297.80
7. RKVA	\$	0.85	\$ -	\$ 0.85	\$ -	\$ 0.85	\$ -
8. SBC	\$	0.001537	\$ 356.58	\$ 0.001537	\$ 356.58	\$ 0.001537	\$ 356.58
9. TRAC	\$	0.00087	\$ 200.68	\$ 0.00087	\$ 200.68	\$ 0.00087	\$ 200.68
10. Commodity	\$	0.05607	\$ 13,008.24	\$ 0.05929	\$ 13,008.24	\$ 0.06443	\$ 13,008.24
11. Delivery	\$		\$ 13,941.67		\$ 13,676.41		\$ 12,597.75
12. Total	\$		\$ 26,949.91		\$ 26,684.65		\$ 25,605.99
<u>Revenue Loss for a 10% load Loss</u>							
			100 kW				
13. As Used On- Peak Daily Demand	\$		\$ 7.87	\$	\$ 7.87	\$	\$ 7.87
14. AS Used On-Peak CTC	\$		\$ 33.97	\$	\$ 33.13	\$	\$ 29.78
15. Total Revenue Loss	\$		\$ 41.84	\$	\$ 41.00	\$	\$ 37.65
16. Pct of Revenue Loss to Total Bill			0.2%		0.2%		0.1%
17. Pct of Revenue Loss to Total Delivery			0.3%		0.3%		0.3%

NOTES:

- A. Line 15 is the sum of Lines 13 and 14
- B. Line 16 is Line 15 + Line 12
- C. Line 17 is Line 15 + Line 11

ATTACHMENT 2
SCHEDULE 2.3

Niagara Mohawk's Typical Bills
DG/CHP/EE Scenarios
Industrial

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: Industrial

Annual Summary

Prices in effect January 1, 2003
Commodity estimated using an average
of 6 months actual and 6 months forecast for 2003

	<u>West</u> <u>Load Zones A/B</u>	<u>Central</u> <u>Load Zones C/D/E</u>	<u>East</u> <u>Load Zone F</u>
Conventional Rates Pre-DG			
Parent SC3A Transmission			
1. Total Annual Charges	\$ 1,359,901	\$ 1,345,156	\$ 1,319,472
2. Annual Revenue Loss for a 10% Load Loss	\$ 15,344	\$ 15,344	\$ 15,344
3. Percent of Annual Revenue Loss	1.1%	1.1%	1.2%
4. Total Annual Delivery Charges	\$ 381,804	\$ 367,060	\$ 341,375
5. Percent of Annual Revenue Loss to Total Delivery	4.0%	4.2%	4.5%
Conventional Rates Post DG			
Parent SC3A Transmission			
6. Total Annual Charges	\$ 197,368	\$ 195,009	\$ 190,802
7. Annual Revenue Loss for a 10% Load Loss	\$ 4,185	\$ 4,086	\$ 3,902
8. Percent of Annual Revenue Loss	2.1%	2.1%	2.0%
9. Total Annual Delivery Charges	\$ 97,035	\$ 94,675	\$ 90,469
10. Percent of Annual Revenue Loss to Total Delivery	4.3%	4.3%	4.3%
Standby Rates Post DG			
Parent SC3A Transmission			
11. Total Annual Charges	\$ 330,086	\$ 329,893	\$ 322,581
12. Annual Revenue Loss for a 10% Load Loss	\$ 2,670	\$ 2,594	\$ 2,400
13. Percent of Annual Revenue Loss	0.8%	0.8%	0.7%
14. Total Annual Delivery Charges	\$ 228,135	\$ 221,769	\$ 205,460
15. Percent of Annual Revenue Loss to Total Delivery	1.2%	1.2%	1.2%

NOTES:

- | | |
|---|--|
| <p>A. Lines 1, 6 and 11 include commodity related charges</p> <p>B. Lines 2, 4, 7, 9, 12 and 14 exclude commodity related charges</p> <p>C. Line 3 = Line 2 + Line 1</p> <p>D. Line 5 = Line 2 + Line 4</p> | <p>E. Line 8 = Line 7 + Line 6</p> <p>E. Line 10 = Line 7 + Line 9</p> <p>F. Line 13 = Line 12 + Line 11</p> <p>G. Line 15 = Line 12 + Line 14</p> |
|---|--|

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Industrial - Pre DG
Monthly Bill Applicable for May - September

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.3, Page 2 of 14

Parent SC3A Transmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Total Metered kWh/	1,327,000	
		First 250 Hour Use
NM Delivered On-peak	638,000	300,490
NM Delivered Off-peak	689,000	324,510
Total Metered kW/ NM Delivered kW	2500	

	<u>West</u> <u>Load Zones A/B</u>				<u>Central</u> <u>Load Zones C/D/E</u>				<u>East</u> <u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00
2. Distribution Delivery kW	\$	2.20	\$	5,500.00	\$	2.20	\$	5,500.00	\$	2.20	\$	5,500.00
3. CTC kW	\$	3.28	\$	8,200.00	\$	3.28	\$	8,200.00	\$	3.28	\$	8,200.00
4. CTC kWh - First 250 Hours Use On-peak	\$	0.02684	\$	8,065.15	\$	0.02341	\$	7,034.47	\$	0.01809	\$	5,435.86
5. CTC kWh - First 250 Hours Use Off-peak	\$	0.01869	\$	6,065.10	\$	0.01789	\$	5,805.49	\$	0.01585	\$	5,143.49
6. RKVA	\$	1.02	\$	-	\$	1.02	\$	-	\$	1.02	\$	-
7. SBC	\$	0.001537	\$	2,039.60	\$	0.001537	\$	2,039.60	\$	0.001537	\$	2,039.60
8. TRAC	\$	0.000551	\$	731.18	\$	0.000551	\$	731.18	\$	0.000551	\$	731.18
9. Commodity - On-peak	\$	0.065390	\$	41,718.82	\$	0.069350	\$	41,718.82	\$	0.075120	\$	41,718.82
10. Commodity - Off-peak	\$	0.043300	\$	45,053.71	\$	0.045600	\$	45,053.71	\$	0.049900	\$	45,053.71
11. Delivery	\$		\$	33,773.02	\$		\$	32,482.73	\$		\$	30,222.12
12. Total			\$	120,545.55			\$	119,255.26			\$	116,994.65
Revenue Loss for a 10% load Loss												
13. Distribution Delivery kW	\$	2.20	\$	550.00	\$	2.20	\$	550.00	\$	2.20	\$	550.00
14. CTC per kW	\$	3.28	\$	820.00	\$	3.28	\$	820.00	\$	3.28	\$	820.00
15. CTC per kWh - First 250 Hours Use On-peak	\$	0.02684	\$	-	\$	0.02341	\$	-	\$	0.01809	\$	-
16. CTC per kWh - First 250 hours Use Off-peak	\$	0.01869	\$	-	\$	0.01789	\$	-	\$	0.01585	\$	-
17. Total Revenue Loss			\$	1,370.00			\$	1,370.00			\$	1,370.00
18. Pct of Revenue Loss to Total Bill				1.1%				1.1%				1.2%
19. Pct of Revenue Loss to Total Delivery				4.1%				4.2%				4.5%

NOTES:

A. Line 17 is the sum of Lines 13, 14, 15 and 16

B. Line 18 is Line 17 ÷ Line 12

C. Line 19 is Line 17 ÷ Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Industrial - Pre DG
Monthly Bill Applicable For October

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.3, Page 3 of 14

Parent SC3A Transmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Total Metered kWh/	1,234,000	
		First 250 Hour Use
NM Delivered On-peak	630,000	286,538
NM Delivered Off-peak	604,000	274,712
Total Metered kW/ NM Delivered kW	2245	

	<u>West</u>				<u>Central</u>				<u>East</u>			
	<u>Load Zones A/B</u>				<u>Load Zones C/D/E</u>				<u>Load Zone F</u>			
		Rate		Amount		Rate		Amount		Rate		Amount
1. Customer Charge	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00
2. Distribution Delivery kW	\$	2.20	\$	4,939.00	\$	2.20	\$	4,939.00	\$	2.20	\$	4,939.00
3. CTC kW	\$	3.28	\$	7,363.60	\$	3.28	\$	7,363.60	\$	3.28	\$	7,363.60
4. CTC kWh - First 250 Hours Use On-peak	\$	0.02684	\$	7,690.67	\$	0.02341	\$	6,707.85	\$	0.01809	\$	5,183.47
5. CTC kWh - First 250 Hours Use Off-peak	\$	0.01869	\$	5,134.37	\$	0.01789	\$	4,914.60	\$	0.01585	\$	4,354.19
6. RKVA	\$	1.02	\$	-	\$	1.02	\$	-	\$	1.02	\$	-
7. SBC	\$	0.001537	\$	1,896.66	\$	0.001537	\$	1,896.66	\$	0.001537	\$	1,896.66
8. TRAC	\$	0.000551	\$	679.93	\$	0.000551	\$	679.93	\$	0.000551	\$	679.93
9. Commodity - On-peak	\$	0.065390	\$	41,195.70	\$	0.069350	\$	41,195.70	\$	0.075120	\$	41,195.70
10. Commodity - Off-peak	\$	0.043300	\$	39,495.56	\$	0.045600	\$	39,495.56	\$	0.049900	\$	39,495.56
11. Delivery	\$		\$	30,876.24	\$		\$	29,673.64	\$		\$	27,588.85
12. Total	\$		\$	111,567.50	\$		\$	110,364.90	\$		\$	108,280.11
Revenue Loss for a 10% load Loss												
13. Distribution Delivery kW	\$	2.20	\$	493.90	\$	2.20	\$	493.90	\$	2.20	\$	493.90
14. CTC per kW	\$	3.28	\$	736.36	\$	3.28	\$	736.36	\$	3.28	\$	736.36
15. CTC per kWh - First 250 Hours Use On-peak	\$	0.02684	\$	-	\$	0.02341	\$	-	\$	0.01809	\$	-
16. CTC per kWh - First 250 hours Use Off-peak	\$	0.01869	\$	-	\$	0.01789	\$	-	\$	0.01585	\$	-
17. Total Revenue Loss			\$	1,230.26			\$	1,230.26			\$	1,230.26
18. Pct of Revenue Loss to Total Bill				1.1%				1.1%				1.1%
19. Pct of Revenue Loss to Total Delivery				4.0%				4.1%				4.5%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 ÷ Line 12
- C. Line 19 is Line 17 ÷ Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Industrial - Pre DG
Monthly Bill Applicable For November - March

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.3, Page 4 of 14

Parent SC3A Transmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Total Metered kWh/	1,192,000	First 250 Hour Use
NM Delivered On-peak	614,000	285,237
NM Delivered Off-peak	578,000	268,513
Total Metered kW/ NM Delivered kW	2215	

	<u>West</u> <u>Load Zones A/B</u>				<u>Central</u> <u>Load Zones C/D/E</u>				<u>East</u> <u>Load Zone F</u>			
		Rate		Amount		Rate		Amount		Rate		Amount
1. Customer Charge	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00
2. Distribution Delivery kW	\$	2.20	\$	4,873.00	\$	2.20	\$	4,873.00	\$	2.20	\$	4,873.00
3. CTC kW	\$	3.28	\$	7,265.20	\$	3.28	\$	7,265.20	\$	3.28	\$	7,265.20
4. CTC kWh - First 250 Hours Use On-peak	\$	0.02684	\$	7,655.76	\$	0.02341	\$	6,677.40	\$	0.01809	\$	5,159.94
5. CTC kWh - First 250 Hours Use Off-peak	\$	0.01869	\$	5,018.51	\$	0.01789	\$	4,803.70	\$	0.01585	\$	4,255.93
6. RKVA	\$	1.02	\$	-	\$	1.02	\$	-	\$	1.02	\$	-
7. SBC	\$	0.001537	\$	1,832.10	\$	0.001537	\$	1,832.10	\$	0.001537	\$	1,832.10
8. TRAC	\$	0.000551	\$	656.79	\$	0.000551	\$	656.79	\$	0.000551	\$	656.79
9. Commodity - On-peak	\$	0.065390	\$	40,149.46	\$	0.069350	\$	40,149.46	\$	0.075120	\$	40,149.46
10. Commodity - Off-peak	\$	0.043300	\$	37,795.42	\$	0.045600	\$	37,795.42	\$	0.049900	\$	37,795.42
11. Delivery	\$		\$	30,473.37	\$		\$	29,280.19	\$		\$	27,214.96
12. Total	\$		\$	108,418.25	\$		\$	107,225.07	\$		\$	105,159.84
Revenue Loss for a 10% load Loss												
13. Distribution Delivery kW	\$	2.20	\$	487.30	\$	2.20	\$	487.30	\$	2.20	\$	487.30
14. CTC per kW	\$	3.28	\$	726.52	\$	3.28	\$	726.52	\$	3.28	\$	726.52
15. CTC per kWh - First 250 Hours Use On-peak	\$	0.02684	\$	-	\$	0.02341	\$	-	\$	0.01809	\$	-
16. CTC per kWh - First 250 hours Use Off-peak	\$	0.01869	\$	-	\$	0.01789	\$	-	\$	0.01585	\$	-
17. Total Revenue Loss	\$		\$	1,213.82	\$		\$	1,213.82	\$		\$	1,213.82
18. Pct of Revenue Loss to Total Bill				1.1%				1.1%				1.2%
19. Pct of Revenue Loss to Total Delivery				4.0%				4.1%				4.5%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 ÷ Line 12
- C. Line 19 is Line 17 ÷ Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Industrial - Pre DG
Monthly Bill Applicable For April

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.3, Page 5 of 14

Parent SC3A Transmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Total Metered kWh/	1,150,000	
		First 250 Hour Use
NM Delivered On-peak	558,000	268,689
NM Delivered Off-peak	592,000	285,061
Total Metered kW/ NM Delivered kW	2215	

<u>West</u>					<u>Central</u>					<u>East</u>				
<u>Load Zones A/B</u>					<u>Load Zones C/D/E</u>					<u>Load Zone F</u>				
		Rate	Amount			Rate	Amount			Rate	Amount			
1.	Customer Charge	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	
2.	Distribution Delivery kW	\$	2.20	\$	4,873.00	\$	2.20	\$	4,873.00	\$	2.20	\$	4,873.00	
3.	CTC kW	\$	3.28	\$	7,265.20	\$	3.28	\$	7,265.20	\$	3.28	\$	7,265.20	
4.	CTC kWh - First 250 Hours Use On-peak	\$	0.02684	\$	7,211.62	\$	0.02341	\$	6,290.01	\$	0.01809	\$	4,860.59	
5.	CTC kWh - First 250 Hours Use Off-peak	\$	0.01869	\$	5,327.79	\$	0.01789	\$	5,099.74	\$	0.01585	\$	4,518.21	
6.	RKVA	\$	1.02	\$	-	\$	1.02	\$	-	\$	1.02	\$	-	
7.	SBC	\$	0.001537	\$	1,767.55	\$	0.001537	\$	1,767.55	\$	0.001537	\$	1,767.55	
8.	TRAC	\$	0.000551	\$	633.65	\$	0.000551	\$	633.65	\$	0.000551	\$	633.65	
9.	Commodity - On-peak	\$	0.065390	\$	36,487.62	\$	0.069350	\$	36,487.62	\$	0.075120	\$	36,487.62	
10.	Commodity - Off-peak	\$	0.043300	\$	38,710.88	\$	0.045600	\$	38,710.88	\$	0.049900	\$	38,710.88	
11.	Delivery			\$	30,250.80			\$	29,101.15			\$	27,090.20	
12.	Total			\$	105,449.30			\$	104,299.65			\$	102,288.70	
<u>Revenue Loss for a 10% load Loss</u>														
	kW													
13.	Distribution Delivery kW	\$	2.20	\$	487.30	\$	2.20	\$	487.30	\$	2.20	\$	487.30	
14.	CTC per kW	\$	3.28	\$	726.52	\$	3.28	\$	726.52	\$	3.28	\$	726.52	
15.	CTC per kWh - First 250 Hours Use On-peak	\$	0.02684	\$	-	\$	0.02341	\$	-	\$	0.01809	\$	-	
16.	CTC per kWh - First 250 hours Use Off-peak	\$	0.01869	\$	-	\$	0.01789	\$	-	\$	0.01585	\$	-	
17.	Total Revenue Loss			\$	1,213.82			\$	1,213.82			\$	1,213.82	
18.	Pct of Revenue Loss to Total Bill				1.2%				1.2%				1.2%	
19.	Pct of Revenue Loss to Total Delivery				4.0%				4.2%				4.5%	

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 ÷ Line 12
- C. Line 19 is Line 17 ÷ Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Industrial - Post DG
Monthly Bill Applicable for June

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.3, Page 6 of 14

Parent SC3A Transmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Total Metered kWh/	187,000	
		First 250 Hour Use
NM Delivered On-peak	103,000	96,390
NM Delivered Off-peak	84,000	78,610
Total Metered kW/ NM Delivered kW	700	

	<u>West</u> <u>Load Zones A/B</u>				<u>Central</u> <u>Load Zones C/D/E</u>				<u>East</u> <u>Load Zone F</u>			
		Rate		Amount		Rate		Amount		Rate		Amount
1. Customer Charge	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00
2. Distribution Delivery kW	\$	2.20	\$	1,540.00	\$	2.20	\$	1,540.00	\$	2.20	\$	1,540.00
3. CTC kW	\$	3.28	\$	2,296.00	\$	3.28	\$	2,296.00	\$	3.28	\$	2,296.00
4. CTC kWh - First 250 Hours Use On-peak	\$	0.02684	\$	2,587.12	\$	0.02341	\$	2,256.50	\$	0.01809	\$	1,743.70
5. CTC kWh - First 250 Hours Use Off-peak	\$	0.01869	\$	1,469.21	\$	0.01789	\$	1,406.33	\$	0.01585	\$	1,245.96
6. RKVA	\$	1.02	\$	-	\$	1.02	\$	-	\$	1.02	\$	-
7. SBC	\$	0.001537	\$	287.42	\$	0.001537	\$	287.42	\$	0.001537	\$	287.42
8. TRAC	\$	0.000551	\$	103.04	\$	0.000551	\$	103.04	\$	0.000551	\$	103.04
9. Commodity - On-peak	\$	0.065390	\$	6,735.17	\$	0.069350	\$	6,735.17	\$	0.075120	\$	6,735.17
10. Commodity - Off-peak	\$	0.043300	\$	5,492.76	\$	0.045600	\$	5,492.76	\$	0.049900	\$	5,492.76
11. Delivery			\$	11,454.79			\$	11,061.28			\$	10,388.12
12. Total			\$	23,682.72			\$	23,289.21			\$	22,616.05
Revenue Loss for a 10% load Loss												
13. Distribution Delivery kW	\$	2.20	\$	154.00	\$	2.20	\$	154.00	\$	2.20	\$	154.00
14. CTC per kW	\$	3.28	\$	229.60	\$	3.28	\$	229.60	\$	3.28	\$	229.60
15. CTC per kWh - First 250 Hours Use On-peak	\$	0.02684	\$	99.05	\$	0.02341	\$	86.39	\$	0.01809	\$	66.76
16. CTC per kWh - First 250 hours Use Off-peak	\$	0.01869	\$	56.25	\$	0.01789	\$	53.84	\$	0.01585	\$	47.70
17. Total Revenue Loss			\$	538.90			\$	523.83			\$	498.06
18. Pct of Revenue Loss to Total Bill				2.3%				2.2%				2.2%
19. Pct of Revenue Loss to Total Delivery				4.7%				4.7%				4.8%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Industrial - Post DG
Monthly Bill Applicable for May, July - September

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.3, Page 7 of 14

Parent SC3A Transmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Total Metered kWh/	187,000	
		First 250 Hour Use
NM Delivered On-peak	103,000	61,277
NM Delivered Off-peak	84,000	49,973
Total Metered kW/ NM Delivered kW	445	

<u>West</u>				<u>Central</u>				<u>East</u>			
<u>Load Zones A/B</u>				<u>Load Zones C/D/E</u>				<u>Load Zone F</u>			
		<u>Rate</u>	<u>Amount</u>		<u>Rate</u>	<u>Amount</u>		<u>Rate</u>	<u>Amount</u>		
1.	Customer Charge	\$ 3,172.00	\$ 3,172.00	\$ 3,172.00	\$ 3,172.00	\$ 3,172.00	\$ 3,172.00	\$ 3,172.00	\$ 3,172.00		
2.	Distribution Delivery kW	\$ 2.20	\$ 979.00	\$ 2.20	\$ 979.00	\$ 2.20	\$ 979.00	\$ 2.20	\$ 979.00		
3.	CTC kW	\$ 3.28	\$ 1,459.60	\$ 3.28	\$ 1,459.60	\$ 3.28	\$ 1,459.60	\$ 3.28	\$ 1,459.60		
4.	CTC kWh - First 250 Hours Use On-peak	\$ 0.02684	\$ 1,644.67	\$ 0.02341	\$ 1,434.49	\$ 0.01809	\$ 1,108.50	\$ 0.01809	\$ 1,108.50		
5.	CTC kWh - First 250 Hours Use Off-peak	\$ 0.01869	\$ 934.00	\$ 0.01789	\$ 894.02	\$ 0.01585	\$ 792.08	\$ 0.01585	\$ 792.08		
6.	RKVA	\$ 1.02	\$ -	\$ 1.02	\$ -	\$ 1.02	\$ -	\$ 1.02	\$ -		
7.	SBC	\$ 0.001537	\$ 287.42	\$ 0.001537	\$ 287.42	\$ 0.001537	\$ 287.42	\$ 0.001537	\$ 287.42		
8.	TRAC	\$ 0.000551	\$ 103.04	\$ 0.000551	\$ 103.04	\$ 0.000551	\$ 103.04	\$ 0.000551	\$ 103.04		
9.	Commodity - On-peak	\$ 0.065390	\$ 6,735.17	\$ 0.069350	\$ 6,735.17	\$ 0.075120	\$ 6,735.17	\$ 0.075120	\$ 6,735.17		
10.	Commodity - Off-peak	\$ 0.043300	\$ 5,492.76	\$ 0.045600	\$ 5,492.76	\$ 0.049900	\$ 5,492.76	\$ 0.049900	\$ 5,492.76		
11.	Delivery		\$ 8,579.72		\$ 8,329.57		\$ 7,901.63		\$ 7,901.63		
12.	Total		\$ 20,807.65		\$ 20,557.50		\$ 20,129.56		\$ 20,129.56		
<u>Revenue Loss for a 10% load Loss</u>		<u>kW</u>									
13.	Distribution Delivery kW	\$ 2.20	\$ 97.90	\$ 2.20	\$ 97.90	\$ 2.20	\$ 97.90	\$ 2.20	\$ 97.90		
14.	CTC per kW	\$ 3.28	\$ 145.96	\$ 3.28	\$ 145.96	\$ 3.28	\$ 145.96	\$ 3.28	\$ 145.96		
15.	CTC per kWh - First 250 Hours Use On-peak	\$ 0.02684	\$ -	\$ 0.02341	\$ -	\$ 0.01809	\$ -	\$ 0.01809	\$ -		
16.	CTC per kWh - First 250 hours Use Off-peak	\$ 0.01869	\$ -	\$ 0.01789	\$ -	\$ 0.01585	\$ -	\$ 0.01585	\$ -		
17.	Total Revenue Loss		\$ 243.86		\$ 243.86		\$ 243.86		\$ 243.86		
18.	Pct of Revenue Loss to Total Bill		1.2%		1.2%		1.2%		1.2%		
19.	Pct of Revenue Loss to Total Delivery		2.8%		2.9%		3.1%				

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Industrial - Post DG
Monthly Bill Applicable For October

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.3, Page 8 of 14

Parent SC3A Transmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Total Metered kWh/	120,000	First 250 Hour Use
NM Delivered On-peak	42,000	38,938
NM Delivered Off-peak	78,000	72,313
Total Metered kW/ NM Delivered kW	445	

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	3,172.00	\$ 3,172.00	3,172.00	\$ 3,172.00	3,172.00	\$ 3,172.00
2. Distribution Delivery kW	\$	2.20	\$ 979.00	2.20	\$ 979.00	2.20	\$ 979.00
3. CTC kW	\$	3.28	\$ 1,459.60	3.28	\$ 1,459.60	3.28	\$ 1,459.60
4. CTC kWh - First 250 Hours Use On-peak	\$	0.02684	\$ 1,045.08	0.02341	\$ 911.53	0.01809	\$ 704.38
5. CTC kWh - First 250 Hours Use Off-peak	\$	0.01869	\$ 1,351.52	0.01789	\$ 1,293.67	0.01585	\$ 1,146.15
6. RKVA	\$	1.02	\$ -	1.02	\$ -	1.02	\$ -
7. SBC	\$	0.001537	\$ 184.44	0.001537	\$ 184.44	0.001537	\$ 184.44
8. TRAC	\$	0.000551	\$ 66.12	0.000551	\$ 66.12	0.000551	\$ 66.12
9. Commodity - On-peak	\$	0.065390	\$ 2,746.38	0.069350	\$ 2,746.38	0.075120	\$ 2,746.38
10. Commodity - Off-peak	\$	0.043300	\$ 5,100.42	0.045600	\$ 5,100.42	0.049900	\$ 5,100.42
11. Delivery	\$		\$ 8,257.76		\$ 8,066.36		\$ 7,711.69
12. Total	\$		\$ 16,104.56		\$ 15,913.16		\$ 15,558.49
Revenue Loss for a 10% load Loss							
13. Distribution Delivery kW	\$	2.20	\$ 97.90	2.20	\$ 97.90	2.20	\$ 97.90
14. CTC per kW	\$	3.28	\$ 145.96	3.28	\$ 145.96	3.28	\$ 145.96
15. CTC per kWh - First 250 Hours Use On-peak	\$	0.02684	\$ 30.53	0.02341	\$ 26.63	0.01809	\$ 20.58
16. CTC per kWh - First 250 hours Use Off-peak	\$	0.01869	\$ 39.48	0.01789	\$ 37.79	0.01585	\$ 33.48
17. Total Revenue Loss	\$		\$ 313.87		\$ 308.28		\$ 297.92
18. Pct of Revenue Loss to Total Bill			1.9%		1.9%		1.9%
19. Pct of Revenue Loss to Total Delivery			3.8%		3.8%		3.9%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
B. Line 18 is Line 17 ÷ Line 12
C. Line 19 is Line 17 ÷ Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Industrial - Post DG
Monthly Bill Applicable For November - March

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.3, Page 9 of 14

Parent SC3A Transmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Total Metered kWh/	82,000	First 250 Hour Use
NM Delivered On-peak	26,000	26,000
NM Delivered Off-peak	56,000	56,000
Total Metered kW/ NM Delivered kW	415	

	<u>West</u> <u>Load Zones A/B</u>				<u>Central</u> <u>Load Zones C/D/E</u>				<u>East</u> <u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00
2. Distribution Delivery kW	\$	2.20	\$	913.00	\$	2.20	\$	913.00	\$	2.20	\$	913.00
3. CTC kW	\$	3.28	\$	1,361.20	\$	3.28	\$	1,361.20	\$	3.28	\$	1,361.20
4. CTC kWh - First 250 Hours Use On-peak	\$	0.02684	\$	697.84	\$	0.02341	\$	608.66	\$	0.01809	\$	470.34
5. CTC kWh - First 250 Hours Use Off-peak	\$	0.01869	\$	1,046.64	\$	0.01789	\$	1,001.84	\$	0.01585	\$	887.60
6. RKVA	\$	1.02	\$	-	\$	1.02	\$	-	\$	1.02	\$	-
7. SBC	\$	0.001537	\$	126.03	\$	0.001537	\$	126.03	\$	0.001537	\$	126.03
8. TRAC	\$	0.000551	\$	45.18	\$	0.000551	\$	45.18	\$	0.000551	\$	45.18
9. Commodity - On-peak	\$	0.065390	\$	1,700.14	\$	0.069350	\$	1,700.14	\$	0.075120	\$	1,700.14
10. Commodity - Off-peak	\$	0.043300	\$	3,661.84	\$	0.045600	\$	3,661.84	\$	0.049900	\$	3,661.84
11. Delivery			\$	7,361.90			\$	7,227.92			\$	6,975.36
12. Total			\$	12,723.88			\$	12,589.90			\$	12,337.34
Revenue Loss for a 10% load Loss												
13. Distribution Delivery kW	\$	2.20	\$	91.30	\$	2.20	\$	91.30	\$	2.20	\$	91.30
14. CTC per kW	\$	3.28	\$	136.12	\$	3.28	\$	136.12	\$	3.28	\$	136.12
15. CTC per kWh - First 250 Hours Use On-peak	\$	0.02684	\$	69.78	\$	0.02341	\$	60.87	\$	0.01809	\$	47.03
16. CTC per kWh - First 250 hours Use Off-peak	\$	0.01869	\$	104.66	\$	0.01789	\$	100.18	\$	0.01585	\$	88.76
17. Total Revenue Loss			\$	401.87			\$	388.47			\$	363.21
18. Pct of Revenue Loss to Total Bill				3.2%				3.1%				2.9%
19. Pct of Revenue Loss to Total Delivery				5.5%				5.4%				5.2%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
B. Line 18 is Line 17 ÷ Line 12
C. Line 19 is Line 17 ÷ Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Industrial - Post DG
Monthly Bill Applicable For April

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.3, Page 10 of 14

Parent SC3A Transmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Total Metered kWh/	86,000	
		First 250 Hour Use
NM Delivered On-peak	23,000	23,000
NM Delivered Off-peak	63,000	63,000
Total Metered kW/ NM Delivered kW	415	

	<u>West</u> <u>Load Zones A/B</u>				<u>Central</u> <u>Load Zones C/D/E</u>				<u>East</u> <u>Load Zone F</u>			
		Rate		Amount		Rate		Amount		Rate		Amount
1. Customer Charge	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00
2. Distribution Delivery kW	\$	2.20	\$	913.00	\$	2.20	\$	913.00	\$	2.20	\$	913.00
3. CTC kW	\$	3.28	\$	1,361.20	\$	3.28	\$	1,361.20	\$	3.28	\$	1,361.20
4. CTC kWh - First 250 Hours Use On-peak	\$	0.02684	\$	617.32	\$	0.02341	\$	538.43	\$	0.01809	\$	416.07
5. CTC kWh - First 250 Hours Use Off-peak	\$	0.01869	\$	1,177.47	\$	0.01789	\$	1,127.07	\$	0.01585	\$	998.55
6. RKVA	\$	1.02	\$	-	\$	1.02	\$	-	\$	1.02	\$	-
7. SBC	\$	0.001537	\$	132.18	\$	0.001537	\$	132.18	\$	0.001537	\$	132.18
8. TRAC	\$	0.000551	\$	47.39	\$	0.000551	\$	47.39	\$	0.000551	\$	47.39
9. Commodity - On-peak	\$	0.065390	\$	1,503.97	\$	0.069350	\$	1,503.97	\$	0.075120	\$	1,503.97
10. Commodity - Off-peak	\$	0.043300	\$	4,119.57	\$	0.045600	\$	4,119.57	\$	0.049900	\$	4,119.57
11. Delivery	\$		\$	7,420.56	\$		\$	7,291.27	\$		\$	7,040.39
12. Total			\$	13,044.10			\$	12,914.81			\$	12,663.93
Revenue Loss for a 10% load Loss												
13. Distribution Delivery kW	\$	2.20	\$	91.30	\$	2.20	\$	91.30	\$	2.20	\$	91.30
14. CTC per kW	\$	3.28	\$	136.12	\$	3.28	\$	136.12	\$	3.28	\$	136.12
15. CTC per kWh - First 250 Hours Use On-peak	\$	0.02684	\$	61.73	\$	0.02341	\$	53.84	\$	0.01809	\$	41.61
16. CTC per kWh - First 250 hours Use Off-peak	\$	0.01869	\$	117.75	\$	0.01789	\$	112.71	\$	0.01585	\$	99.86
17. Total Revenue Loss			\$	406.90			\$	393.97			\$	368.88
18. Pct of Revenue Loss to Total Bill				3.1%				3.1%				2.9%
19. Pct of Revenue Loss to Total Delivery				5.5%				5.4%				5.2%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 ÷ Line 12
- C. Line 19 is Line 17 ÷ Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Industrial - SC7
Monthly Bill Applicable for May - September

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.3, page 11 of 13

SC7 Standby Service

Parent SC3A Transmission

Prices in effect January 1, 2003

Commodity estimated using an average
of 6 months actual and 6 months forecast for 2003

Customer's Load kWh On-peak:	638000
Customer's Load kWh On-peak:	689000
Customer's Load kW:	2500
NM Delivered kWh On-peak	103000
NM Delivered kWh Off-peak	84000
NM Delivered kW:	700
Standby Contract Demand kW:	2500
As Used Daily Demand	6300

	<u>West</u>				<u>Central</u>				<u>East</u>			
	<u>Load Zones A/B</u>				<u>Load Zones C/D/E</u>				<u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	3,172.00	\$ 3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$
2. Customer CTC Charge	\$	10,633.18	\$ 10,633.18	\$	10,239.75	\$	10,239.75	\$	9,239.15	\$	9,239.15	\$
3. Standby Contract	\$	0.2500	\$ 625.00	\$	0.2500	\$	625.00	\$	0.2500	\$	625.00	\$
4. Standby Contract CTC	\$	0.8500	\$ 2,125.00	\$	0.8200	\$	2,050.00	\$	0.7400	\$	1,850.00	\$
5. As Used On-peak Daily	\$	0.1131	\$ 712.53	\$	0.1131	\$	712.53	\$	0.1131	\$	712.53	\$
6. As Used On-Peak CTC	\$	0.3792	\$ 2,388.96	\$	0.3652	\$	2,300.76	\$	0.3295	\$	2,075.85	\$
7. RKVA	\$	1.02	\$ -	\$	1.02	\$	-	\$	1.02	\$	-	\$
8. SBC	\$	0.001537	\$ 287.42	\$	0.001537	\$	287.42	\$	0.001537	\$	287.42	\$
9. TRAC	\$	0.00055	\$ 103.04	\$	0.00055	\$	103.04	\$	0.00055	\$	103.04	\$
10. Commodity On-peak	\$	0.06539	\$ 6,735.17	\$	0.06935	\$	7,143.05	\$	0.07512	\$	7,737.36	\$
11. Commodity Off-peak	\$	0.04330	\$ 5,492.76	\$	0.04560	\$	5,825.40	\$	0.04990	\$	6,310.08	\$
12. Delivery			\$ 20,047.13				\$ 19,490.50				\$ 18,064.99	
13. Total	\$		\$ 32,275.06		\$		\$ 32,458.95		\$		\$ 32,112.43	
Revenue Loss for a 10% load Loss 630 kW												
14. As Used On- Peak Daily Demand	\$	0.1131	\$ 71.25	\$	0.1131	\$	71.25	\$	0.1131	\$	71.25	\$
15. AS Used On-Peak CTC	\$	0.3792	\$ 238.90	\$	0.3652	\$	230.08	\$	0.3295	\$	207.59	\$
16. Total Revenue Loss			\$ 310.15				\$ 301.33				\$ 278.84	
17. Pct of Revenue Loss to Total Bill			1.0%				0.9%				0.9%	
18. Pct of Revenue Loss to Total Delivery			1.5%				1.5%				1.5%	

NOTES:

- A. Line 16 is the sum of Lines 14 and 15
- B. Line 17 is Line 16 + Line 13
- C. Line 18 is Line 16 + Line 12

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Industrial - SC7
Monthly Bill Applicable For October

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.3, Page 12 of 14

SC7 Standby Service

Parent SC3A Transmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Customer's Load kWh On-peak:	630000
Customer's Load kWh On-peak:	604000
Customer's Load kW:	2245
NM Delivered kWh On-peak	42000
NM Delivered kWh Off-peak	78000
NM Delivered kW:	445
Standby Contract Demand kW:	2500
As Used Daily Demand	2937

	<u>West</u>				<u>Central</u>				<u>East</u>			
	<u>Load Zones A/B</u>				<u>Load Zones C/D/E</u>				<u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	3,172.00	\$ 3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	
2. Customer CTC Charge	\$	10,633.18	\$ 10,633.18	\$	10,239.75	\$	10,239.75	\$	9,239.15	\$	9,239.15	
3. Standby Contract	\$	0.2500	\$ 625.00	\$	0.2500	\$	625.00	\$	0.2500	\$	625.00	
4. Standby Contract CTC	\$	0.8500	\$ 2,125.00	\$	0.8200	\$	2,050.00	\$	0.7400	\$	1,850.00	
5. As Used On-peak Daily	\$	0.1131	\$ 332.17	\$	0.1131	\$	332.17	\$	0.1131	\$	332.17	
6. As Used On-Peak CTC	\$	0.3792	\$ 1,113.71	\$	0.3652	\$	1,072.59	\$	0.3295	\$	967.74	
7. RKVA	\$	1.02	\$ -	\$	1.02	\$	-	\$	1.02	\$	-	
8. SBC	\$	0.001537	\$ 184.44	\$	0.001537	\$	184.44	\$	0.001537	\$	184.44	
9. TRAC	\$	0.00055	\$ 66.12	\$	0.00055	\$	66.12	\$	0.00055	\$	66.12	
10. Commodity On-peak	\$	0.06539	\$ 2,746.38	\$	0.06935	\$	2,912.70	\$	0.07512	\$	3,155.04	
11. Commodity Off-peak	\$	0.04330	\$ 5,100.42	\$	0.04560	\$	5,409.30	\$	0.04990	\$	5,859.36	
12. Delivery			\$ 18,251.63				\$ 17,742.08				\$ 16,436.63	
13. Total			\$ 26,098.43				\$ 26,064.08				\$ 25,451.03	
<u>Revenue Loss for a 10% load Loss</u> 293.7 kW												
14. As Used On- Peak Daily Demand	\$	0.1131	\$ 33.22	\$	0.1131	\$	33.22	\$	0.1131	\$	33.22	
15. AS Used On-Peak CTC	\$	0.3792	\$ 111.37	\$	0.3652	\$	107.26	\$	0.3295	\$	96.77	
16. Total Revenue Loss			\$ 144.59				\$ 140.48				\$ 129.99	
17. Pct of Revenue Loss to Total Bill			0.6%				0.5%				0.5%	
18. Pct of Revenue Loss to Total Delivery			0.8%				0.8%				0.8%	

NOTES:

- A. Line 16 is the sum of Lines 14 and 15
- B. Line 17 is Line 16 + Line 13
- C. Line 18 is Line 16 + Line 12

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Industrial - SC7
Monthly Bill Applicable For November - March

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.3, Page 13 of 14

SC7 Standby Service

Parent SC3A Transmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Customer's Load kWh On-peak:	614000
Customer's Load kWh On-peak:	578000
Customer's Load kW:	2215
NM Delivered kWh On-peak	26000
NM Delivered kWh Off-peak	56000
NM Delivered kW:	415
Standby Contract Demand kW:	2500
As Used Daily Demand	3287

	<u>West</u> Load Zones A/B				<u>Central</u> Load Zones C/D/E				<u>East</u> Load Zone F			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	3,172.00	\$ 3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	\$	3,172.00	
2. Customer CTC Charge	\$	10,633.18	\$ 10,633.18	\$	10,239.75	\$	10,239.75	\$	9,239.15	\$	9,239.15	
3. Standby Contract	\$	0.2500	\$ 625.00	\$	0.2500	\$	625.00	\$	0.2500	\$	625.00	
4. Standby Contract CTC	\$	0.8500	\$ 2,125.00	\$	0.8200	\$	2,050.00	\$	0.7400	\$	1,850.00	
5. As Used On-peak Daily	\$	0.1131	\$ 371.76	\$	0.1131	\$	371.76	\$	0.1131	\$	371.76	
6. As Used On-Peak CTC	\$	0.3792	\$ 1,246.43	\$	0.3652	\$	1,200.41	\$	0.3295	\$	1,083.07	
7. RKVA	\$	1.02	\$ -	\$	1.02	\$	-	\$	1.02	\$	-	
8. SBC	\$	0.001537	\$ 126.03	\$	0.001537	\$	126.03	\$	0.001537	\$	126.03	
9. TRAC	\$	0.00055	\$ 45.18	\$	0.00055	\$	45.18	\$	0.00055	\$	45.18	
10. Commodity On-peak	\$	0.06539	\$ 1,700.14	\$	0.06935	\$	1,803.10	\$	0.07512	\$	1,953.12	
11. Commodity Off-peak	\$	0.04330	\$ 3,661.84	\$	0.04560	\$	3,883.60	\$	0.04990	\$	4,206.72	
12. Delivery			\$ 18,344.59				\$ 17,830.14				\$ 16,512.19	
13. Total			\$ 23,706.57				\$ 23,516.84				\$ 22,672.03	
Revenue Loss for a 10% load Loss 328.7 kW												
14. As Used On- Peak Daily Demand	\$	0.1131	\$ 37.18	\$	0.1131	\$	37.18	\$	0.1131	\$	37.18	
15. AS Used On-Peak CTC	\$	0.3792	\$ 124.64	\$	0.3652	\$	120.04	\$	0.3295	\$	108.31	
16. Total Revenue Loss			\$ 161.82				\$ 157.22				\$ 145.48	
17. Pct of Revenue Loss to Total Bill			0.7%				0.7%				0.6%	
18. Pct of Revenue Loss to Total Delivery			0.9%				0.9%				0.9%	

NOTES:

- A. Line 16 is the sum of Lines 14 and 15
- B. Line 17 is Line 16 ÷ Line 13
- C. Line 18 is Line 16 ÷ Line 12

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Industrial - SC7
Monthly Bill Applicable For April

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 2.3, Page 14 of 14

SC7 Standby Service

Parent SC3A Transmission

Prices in effect January 1, 2003

Commodity estimated using an average
of 6 months actual and 6 months forecast for 2003

Customer's Load kWh On-peak:	558000
Customer's Load kWh On-peak:	592000
Customer's Load kW:	2215
NM Delivered kWh On-peak	23000
NM Delivered kWh Off-peak	63000
NM Delivered kW:	415
Standby Contract Demand kW:	2500
As Used Daily Demand	3154

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	3,172.00	\$ 3,172.00	\$ 3,172.00	\$ 3,172.00	\$ 3,172.00	\$ 3,172.00
2. Customer CTC Charge	\$	10,633.18	\$ 10,633.18	\$ 10,239.75	\$ 10,239.75	\$ 9,239.15	\$ 9,239.15
3. Standby Contract	\$	0.2500	\$ 625.00	\$ 0.2500	\$ 625.00	\$ 0.2500	\$ 625.00
4. Standby Contract CTC	\$	0.8500	\$ 2,125.00	\$ 0.8200	\$ 2,050.00	\$ 0.7400	\$ 1,850.00
5. As Used On-peak Daily	\$	0.1131	\$ 356.72	\$ 0.1131	\$ 356.72	\$ 0.1131	\$ 356.72
6. As Used On-Peak CTC	\$	0.3792	\$ 1,196.00	\$ 0.3652	\$ 1,151.84	\$ 0.3295	\$ 1,039.24
7. RKVA	\$	1.02	\$ -	\$ 1.02	\$ -	\$ 1.02	\$ -
8. SBC	\$	0.001537	\$ 132.18	\$ 0.001537	\$ 132.18	\$ 0.001537	\$ 132.18
9. TRAC	\$	0.00055	\$ 47.39	\$ 0.00055	\$ 47.39	\$ 0.00055	\$ 47.39
10. Commodity On-peak	\$	0.06539	\$ 1,503.97	\$ 0.06935	\$ 1,595.05	\$ 0.07512	\$ 1,727.76
11. Commodity Off-peak	\$	0.04330	\$ 4,119.57	\$ 0.04560	\$ 4,369.05	\$ 0.04990	\$ 4,732.56
12. Delivery			\$ 18,287.46		\$ 17,774.88		\$ 16,461.68
13. Total			\$ 23,911.00		\$ 23,738.98		\$ 22,922.00
Revenue Loss for a 10% load Loss							
			315.4 kW				
14. As Used On- Peak Daily Demand	\$	0.1131	\$ 35.67	\$ 0.1131	\$ 35.67	\$ 0.1131	\$ 35.67
15. AS Used On-Peak CTC	\$	0.3792	\$ 119.60	\$ 0.3652	\$ 115.18	\$ 0.3295	\$ 103.92
16. Total Revenue Loss			\$ 155.27		\$ 150.86		\$ 139.60
17. Pct of Revenue Loss to Total Bill			0.6%		0.6%		0.6%
18. Pct of Revenue Loss to Total Delivery			0.8%		0.8%		0.8%

NOTES:

- A. Line 16 is the sum of Lines 14 and 15
- B. Line 17 is Line 16 + Line 13
- C. Line 18 is Line 16 + Line 12

ATTACHMENT 2
SCHEDULE 2.4

Niagara Mohawk's Typical Bills
DG/CHP/EE Scenarios
School

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: School

Annual Summary

Prices in effect January 1, 2003
Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

	<u>West</u> <u>Load Zones A/B</u>	<u>Central</u> <u>Load Zones C/D/E</u>	<u>East</u> <u>Load Zone F</u>
Conventional Rates Pre-DG			
Parent SC3 Subtransmission			
1. Total Annual Charges	\$ 191,155	\$ 186,183	\$ 177,930
2. Annual Revenue Loss for a 10% Load Loss	\$ 9,095	\$ 8,703	\$ 8,016
3. Percent of Annual Revenue Loss	4.8%	4.7%	4.5%
4. Total Annual Delivery Charges	\$ 86,126	\$ 81,153	\$ 72,900
5. Percent of Annual Revenue Loss to Total Delivery	10.6%	10.7%	11.0%
Conventional Rates Post DG			
Parent SC3 Subtransmission			
6. Total Annual Charges	\$ 117,406	\$ 114,658	\$ 110,097
7. Annual Revenue Loss for a 10% Load Loss	\$ 5,906	\$ 5,689	\$ 5,309
8. Percent of Annual Revenue Loss	5.0%	5.0%	4.8%
9. Total Annual Delivery Charges	\$ 59,361	\$ 56,613	\$ 52,052
10. Percent of Annual Revenue Loss to Total Delivery	9.9%	10.0%	10.2%
Standby Rates Post DG			
Parent SC3 Subtransmission			
11. Total Annual Charges	\$ 152,015	\$ 150,194	\$ 142,840
12. Annual Revenue Loss for a 10% Load Loss	\$ 1,983	\$ 1,943	\$ 1,785
13. Percent of Annual Revenue Loss	1.3%	1.3%	1.2%
14. Total Annual Delivery Charges	\$ 93,970	\$ 92,149	\$ 84,795
15. Percent of Annual Revenue Loss to Total Delivery	2.1%	2.1%	2.1%

NOTES:

- A. Lines 1, 4 and 7 include commodity related charges
- B. Lines 2, 5 and 8 exclude commodity related charges
- C. Line 3 = Line 2 ÷ Line 1
- D. Line 6 = Line 5 ÷ Line 4
- E. Line 9 = Line 8 ÷ Line 7

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: School - Pre DG
Monthly Bill Applicable for May - September

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 158000

Total Metered kW/

NM Delivered: 500

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83
2. Distribution Delivery kW	\$	2.51	\$ 1,255.00	\$ 2.51	\$ 1,255.00	\$ 2.51	\$ 1,255.00
3. CTC kW	\$	6.11	\$ 3,055.00	\$ 6.11	\$ 3,055.00	\$ 6.11	\$ 3,055.00
4. CTC kWh - First 450 hours use	\$	0.02205	\$ 3,483.90	\$ 0.01996	\$ 3,153.68	\$ 0.01629	\$ 2,573.82
5. CTC kWh - over 450 hours use	\$	0.01026	\$ -	\$ 0.00817	\$ -	\$ 0.00450	\$ -
6. DCA	\$	(0.00852)	\$ (1,346.63)	\$ (0.00909)	\$ (1,435.84)	\$ (0.00982)	\$ (1,552.11)
7. RKVA	\$	0.85	\$ -	\$ 0.85	\$ -	\$ 0.85	\$ -
8. SBC	\$	0.001537	\$ 242.85	\$ 0.001537	\$ 242.85	\$ 0.001537	\$ 242.85
9. TRAC	\$	0.00087	\$ 136.67	\$ 0.00087	\$ 136.67	\$ 0.00087	\$ 136.67
10. Commodity	\$	0.05607	\$ 8,859.06	\$ 0.05929	\$ 8,859.06	\$ 0.06443	\$ 8,859.06
11. Delivery	\$		\$ 7,381.62	\$	\$ 6,962.19	\$	\$ 6,266.06
12. Total	\$		\$ 16,240.68	\$	\$ 15,821.25	\$	\$ 15,125.12
Revenue Loss for a 10% load Loss		kW					
13. Distribution Delivery kW	\$	2.51	\$ 125.50	\$ 2.51	\$ 125.50	\$ 2.51	\$ 125.50
14. CTC per kW	\$	6.11	\$ 305.50	\$ 6.11	\$ 305.50	\$ 6.11	\$ 305.50
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$ 348.39	\$ 0.01996	\$ 315.37	\$ 0.01629	\$ 257.38
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$ -	\$ 0.00817	\$ -	\$ 0.00450	\$ -
17. Total Revenue Loss	\$		\$ 779.39	\$	\$ 746.37	\$	\$ 688.38
18. Pct of Revenue Loss to Total Bill			4.8%		4.7%		4.6%
19. Pct of Revenue Loss to Total Delivery			10.6%		10.7%		11.0%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
B. Line 18 is Line 17 ÷ Line 12
C. Line 19 is Line 17 ÷ Line 11

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: School - Pre DG

Monthly Bill Applicable For October

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 133000

Total Metered kW/

NM Delivered: 460

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83	\$ 554.83	554.83	\$ 554.83	554.83	\$ 554.83
2. Distribution Delivery kW	\$	2.51	\$ 1,154.60	2.51	\$ 1,154.60	2.51	\$ 1,154.60
3. CTC kW	\$	6.11	\$ 2,810.60	6.11	\$ 2,810.60	6.11	\$ 2,810.60
4. CTC kWh - First 450 hours use	\$	0.02205	\$ 2,932.65	0.01996	\$ 2,654.68	0.01629	\$ 2,166.57
5. CTC kWh - over 450 hours use	\$	0.01026	\$ -	0.00817	\$ -	0.00450	\$ -
6. DCA	\$	(0.00852)	\$ (1,133.55)	(0.00909)	\$ (1,208.65)	(0.00982)	\$ (1,306.52)
7. RKVA	\$	0.85	\$ -	0.85	\$ -	0.85	\$ -
8. SBC	\$	0.001537	\$ 204.42	0.001537	\$ 204.42	0.001537	\$ 204.42
9. TRAC	\$	0.00087	\$ 115.05	0.00087	\$ 115.05	0.00087	\$ 115.05
10. Commodity	\$	0.05607	\$ 7,457.31	0.05929	\$ 7,457.31	0.06443	\$ 7,457.31
11. Delivery	\$		\$ 6,638.59		\$ 6,285.53		\$ 5,699.55
12. Total	\$		\$ 14,095.90		\$ 13,742.84		\$ 13,156.86
Revenue Loss for a 10% load Loss		kW					
13. Distribution Delivery kW	\$	2.51	\$ 115.46	2.51	\$ 115.46	2.51	\$ 115.46
14. CTC per kW	\$	6.11	\$ 281.06	6.11	\$ 281.06	6.11	\$ 281.06
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$ 293.27	0.01996	\$ 265.47	0.01629	\$ 216.66
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$ -	0.00817	\$ -	0.00450	\$ -
17. Total Revenue Loss	\$		\$ 689.79		\$ 661.99		\$ 613.18
18. Pct of Revenue Loss to Total Bill			4.9%		4.8%		4.7%
19. Pct of Revenue Loss to Total Delivery			10.4%		10.5%		10.8%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: School - Pre DG
Monthly Bill Applicable For November - March

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 152000

Total Metered kW/

NM Delivered: 470

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83
2. Distribution Delivery kW	\$	2.51	\$ 1,179.70	\$ 2.51	\$ 1,179.70	\$ 2.51	\$ 1,179.70
3. CTC kW	\$	6.11	\$ 2,871.70	\$ 6.11	\$ 2,871.70	\$ 6.11	\$ 2,871.70
4. CTC kWh - First 450 hours use	\$	0.02205	\$ 3,351.60	\$ 0.01996	\$ 3,033.92	\$ 0.01629	\$ 2,476.08
5. CTC kWh - over 450 hours use	\$	0.01026	\$ -	\$ 0.00817	\$ -	\$ 0.00450	\$ -
6. DCA	\$	(0.00852)	\$ (1,295.49)	\$ (0.00909)	\$ (1,381.31)	\$ (0.00982)	\$ (1,493.17)
7. RKVA	\$	0.85	\$ -	\$ 0.85	\$ -	\$ 0.85	\$ -
8. SBC	\$	0.001537	\$ 233.62	\$ 0.001537	\$ 233.62	\$ 0.001537	\$ 233.62
9. TRAC	\$	0.00087	\$ 131.48	\$ 0.00087	\$ 131.48	\$ 0.00087	\$ 131.48
10. Commodity	\$	0.05607	\$ 8,522.64	\$ 0.05929	\$ 8,522.64	\$ 0.06443	\$ 8,522.64
11. Delivery	\$		\$ 7,027.44	\$	\$ 6,623.94	\$	\$ 5,954.25
12. Total	\$		\$ 15,550.08	\$	\$ 15,146.58	\$	\$ 14,476.89
Revenue Loss for a 10% load Loss		kW					
13. Distribution Delivery kW	\$	2.51	\$ 117.97	\$ 2.51	\$ 117.97	\$ 2.51	\$ 117.97
14. CTC per kW	\$	6.11	\$ 287.17	\$ 6.11	\$ 287.17	\$ 6.11	\$ 287.17
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$ 335.16	\$ 0.01996	\$ 303.39	\$ 0.01629	\$ 247.61
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$ -	\$ 0.00817	\$ -	\$ 0.00450	\$ -
17. Total Revenue Loss	\$		\$ 740.30	\$	\$ 708.53	\$	\$ 652.75
18. Pct of Revenue Loss to Total Bill			4.8%		4.7%		4.5%
19. Pct of Revenue Loss to Total Delivery			10.5%		10.7%		11.0%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: School - Pre DG
Monthly Bill Applicable For April

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/
NM Delivered: 194000
Total Metered kW/
NM Delivered: 460

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83	\$ 554.83	554.83	\$ 554.83	554.83	\$ 554.83
2. Distribution Delivery kW	\$	2.51	\$ 1,154.60	2.51	\$ 1,154.60	2.51	\$ 1,154.60
3. CTC kW	\$	6.11	\$ 2,810.60	6.11	\$ 2,810.60	6.11	\$ 2,810.60
4. CTC kWh - First 450 hours use	\$	0.02205	\$ 4,277.70	0.01996	\$ 3,872.24	0.01629	\$ 3,160.26
5. CTC kWh - over 450 hours use	\$	0.01026	\$ -	0.00817	\$ -	0.00450	\$ -
6. DCA	\$	(0.00852)	\$ (1,653.45)	(0.00909)	\$ (1,762.99)	(0.00982)	\$ (1,905.75)
7. RKVA	\$	0.85	\$ -	0.85	\$ -	0.85	\$ -
8. SBC	\$	0.001537	\$ 298.18	0.001537	\$ 298.18	0.001537	\$ 298.18
9. TRAC	\$	0.00087	\$ 167.81	0.00087	\$ 167.81	0.00087	\$ 167.81
10. Commodity	\$	0.05607	\$ 10,877.58	0.05929	\$ 10,877.58	0.06443	\$ 10,877.58
11. Delivery	\$		\$ 7,610.26		\$ 7,095.27		\$ 6,240.53
12. Total	\$		\$ 18,487.84		\$ 17,972.85		\$ 17,118.11
Revenue Loss for a 10% load Loss		kW					
13. Distribution Delivery kW	\$	2.51	\$ 115.46	2.51	\$ 115.46	2.51	\$ 115.46
14. CTC per kW	\$	6.11	\$ 281.06	6.11	\$ 281.06	6.11	\$ 281.06
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$ 427.77	0.01996	\$ 387.22	0.01629	\$ 316.03
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$ -	0.00817	\$ -	0.00450	\$ -
17. Total Revenue Loss			\$ 824.29		\$ 783.74		\$ 712.55
18. Pct of Revenue Loss to Total Bill			4.5%		4.4%		4.2%
19. Pct of Revenue Loss to Total Delivery			10.8%		11.0%		11.4%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
B. Line 18 is Line 17 + Line 12
C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: School - Post DG
Monthly Bill Applicable for May - September

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 88000

Total Metered kW/

NM Delivered: 500

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83
2. Distribution Delivery kW	\$	2.51	\$ 1,255.00	\$ 2.51	\$ 1,255.00	\$ 2.51	\$ 1,255.00
3. CTC kW	\$	6.11	\$ 3,055.00	\$ 6.11	\$ 3,055.00	\$ 6.11	\$ 3,055.00
4. CTC kWh - First 450 hours use	\$	0.02205	\$ 1,940.40	\$ 0.01996	\$ 1,756.48	\$ 0.01629	\$ 1,433.52
5. CTC kWh - over 450 hours use	\$	0.01026	\$ -	\$ 0.00817	\$ -	\$ 0.00450	\$ -
6. DCA	\$	(0.00852)	\$ (750.02)	\$ (0.00909)	\$ (799.71)	\$ (0.00982)	\$ (864.46)
7. RKVA	\$	0.85	\$ -	\$ 0.85	\$ -	\$ 0.85	\$ -
8. SBC	\$	0.001537	\$ 135.26	\$ 0.001537	\$ 135.26	\$ 0.001537	\$ 135.26
9. TRAC	\$	0.00087	\$ 76.12	\$ 0.00087	\$ 76.12	\$ 0.00087	\$ 76.12
10. Commodity	\$	0.05607	\$ 4,934.16	\$ 0.05929	\$ 4,934.16	\$ 0.06443	\$ 4,934.16
11. Delivery	\$		\$ 6,266.59	\$	\$ 6,032.98	\$	\$ 5,645.26
12. Total	\$		\$ 11,200.75	\$	\$ 10,967.14	\$	\$ 10,579.42
Revenue Loss for a 10% load Loss		kW					
13. Distribution Delivery kW	\$	2.51	\$ 125.50	\$ 2.51	\$ 125.50	\$ 2.51	\$ 125.50
14. CTC per kW	\$	6.11	\$ 305.50	\$ 6.11	\$ 305.50	\$ 6.11	\$ 305.50
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$ 194.04	\$ 0.01996	\$ 175.65	\$ 0.01629	\$ 143.35
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$ -	\$ 0.00817	\$ -	\$ 0.00450	\$ -
17. Total Revenue Loss			\$ 625.04		\$ 606.65		\$ 574.35
18. Pct of Revenue Loss to Total Bill			5.6%		5.5%		5.4%
19. Pct of Revenue Loss to Total Delivery			10.0%		10.1%		10.2%

NOTES:

A. Line 17 is the sum of Lines 13, 14, 15 and 16

B. Line 18 is Line 17 + Line 12

C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: School - Post DG

Monthly Bill Applicable For October

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 63000

Total Metered kW/

NM Delivered: 190

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83	\$ 554.83	554.83	\$ 554.83	554.83	\$ 554.83
2. Distribution Delivery kW	\$	2.51	\$ 476.90	2.51	\$ 476.90	2.51	\$ 476.90
3. CTC kW	\$	6.11	\$ 1,160.90	6.11	\$ 1,160.90	6.11	\$ 1,160.90
4. CTC kWh - First 450 hours use	\$	0.02205	\$ 1,389.15	0.01996	\$ 1,257.48	0.01629	\$ 1,026.27
5. CTC kWh - over 450 hours use	\$	0.01026	\$ -	0.00817	\$ -	0.00450	\$ -
6. DCA	\$	(0.00852)	\$ (536.95)	(0.00909)	\$ (572.52)	(0.00982)	\$ (618.88)
7. RKVA	\$	0.85	\$ -	0.85	\$ -	0.85	\$ -
8. SBC	\$	0.001537	\$ 96.83	0.001537	\$ 96.83	0.001537	\$ 96.83
9. TRAC	\$	0.00087	\$ 54.50	0.00087	\$ 54.50	0.00087	\$ 54.50
10. Commodity	\$	0.05607	\$ 3,532.41	0.05929	\$ 3,532.41	0.06443	\$ 3,532.41
11. Delivery	\$		\$ 3,196.16		\$ 3,028.92		\$ 2,751.35
12. Total	\$		\$ 6,728.57		\$ 6,561.33		\$ 6,283.76
Revenue Loss for a 10% load Loss		kW					
13. Distribution Delivery kW	\$	2.51	\$ 47.69	2.51	\$ 47.69	2.51	\$ 47.69
14. CTC per kW	\$	6.11	\$ 116.09	6.11	\$ 116.09	6.11	\$ 116.09
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$ 138.92	0.01996	\$ 125.75	0.01629	\$ 102.63
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$ -	0.00817	\$ -	0.00450	\$ -
17. Total Revenue Loss	\$		\$ 302.70		\$ 289.53		\$ 266.41
18. Pct of Revenue Loss to Total Bill			4.5%		4.4%		4.2%
19. Pct of Revenue Loss to Total Delivery			9.5%		9.6%		9.7%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

**Niagara Mohawk Power Corporation
Typical Bill Analysis**

Niagara Mohawk Power Corporation
Case 03-E-0640 Revenue Decoupling
Attachment 2, Schedule 1, Page 2 of 5

<u>SC-2D- SMALLCOMMERCIAL</u>		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
40 kW, 350 Hours Use 14,000 kWh Bill		Rate	Amount	Rate	Amount	Rate	Amount
1. Generation	\$	0.06024	\$ 843.36	\$ 0.06367	\$ 891.38	\$ 0.06908	\$ 967.12
Delivery							
2. Per Customer	\$	47.25	\$ 47.25	\$ 47.25	\$ 47.25	\$ 47.25	\$ 47.25
3. Per kW	\$	8.32	\$ 332.80	\$ 8.32	\$ 332.80	\$ 8.32	\$ 332.80
4. Per kWh	\$	0.00162	\$ 22.68	\$ 0.00162	\$ 22.68	\$ 0.00233	\$ 32.62
CTC							
5. Per kWh	\$	0.02789	\$ 390.46	\$ 0.02552	\$ 357.28	\$ 0.02129	\$ 298.06
6. DCA	\$	(0.01122)	\$ (157.08)	\$ (0.01212)	\$ (169.68)	\$ (0.01313)	\$ (183.82)
7. SBC	\$	0.001537	\$ 21.52	\$ 0.001537	\$ 21.52	\$ 0.001537	\$ 21.52
8. TRAC	\$	0.00130	\$ 18.20	\$ 0.00130	\$ 18.20	\$ 0.00130	\$ 18.20
9. CAC	\$	(0.00307)	\$ (42.98)	\$ (0.00307)	\$ (42.98)	\$ (0.00307)	\$ (42.98)
10. Commodity	\$	0.06024	\$ 843.36	\$ 0.06367	\$ 891.38	\$ 0.06908	\$ 967.12
11. Delivery	\$	0.04520	\$ 632.85	\$ 0.04193	\$ 587.07	\$ 0.03740	\$ 523.65
12. Total	\$	0.10544	\$ 1,476.21	\$ 0.10560	\$ 1,478.45	\$ 0.10648	\$ 1,490.77
<u>Revenue Loss for 10% Load Loss (4 kW, 1,400 kWh)</u>							
Delivery							
13. Per kW	\$	8.32	\$ 33.28	\$ 8.32	\$ 33.28	\$ 8.32	\$ 33.28
14. Per kWh	\$	0.00162	\$ 2.27	\$ 0.00162	\$ 2.27	\$ 0.00233	\$ 3.26
CTC							
15. Per kWh	\$	0.02789	\$ 39.05	\$ 0.02552	\$ 35.73	\$ 0.02129	\$ 29.81
16. Total Revenue Loss	\$		\$ 74.60	\$	\$ 71.28	\$	\$ 66.35
17. Total Revenue Loss per kWh	\$		\$ 0.05329	\$	\$ 0.05091	\$	\$ 0.04739
18. Pct of Revenue Loss			5.1%		4.8%		4.5%

NOTES:

- A. Line 16 = the Sum of Lines 13, 14 and 15
 B. Line 17 = Line 16 ÷ 14,000
 C. Line 18 = Line 16 ÷ Line 12

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: School - Post DG
Monthly Bill Applicable For April

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 124000

Total Metered kW/

NM Delivered: 440

	<u>West</u> <u>Load Zones A/B</u>				<u>Central</u> <u>Load Zones C/D/E</u>				<u>East</u> <u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	554.83	\$ 554.83	\$	554.83	\$	554.83	\$	554.83	\$	554.83	
2. Distribution Delivery kW	\$	2.51	\$ 1,104.40	\$	2.51	\$	1,104.40	\$	2.51	\$	1,104.40	
3. CTC kW	\$	6.11	\$ 2,688.40	\$	6.11	\$	2,688.40	\$	6.11	\$	2,688.40	
4. CTC kWh - First 450 hours use	\$	0.02205	\$ 2,734.20	\$	0.01996	\$	2,475.04	\$	0.01629	\$	2,019.96	
5. CTC kWh - over 450 hours use	\$	0.01026	\$ -	\$	0.00817	\$	-	\$	0.00450	\$	-	
6. DCA	\$	(0.00852)	\$ (1,056.85)	\$	(0.00909)	\$	(1,126.86)	\$	(0.00982)	\$	(1,218.11)	
7. RKVA	\$	0.85	\$ -	\$	0.85	\$	-	\$	0.85	\$	-	
8. SBC	\$	0.001537	\$ 190.59	\$	0.001537	\$	190.59	\$	0.001537	\$	190.59	
9. TRAC	\$	0.00087	\$ 107.26	\$	0.00087	\$	107.26	\$	0.00087	\$	107.26	
10. Commodity	\$	0.05607	\$ 6,952.68	\$	0.05929	\$	6,952.68	\$	0.06443	\$	6,952.68	
11. Delivery	\$		\$ 6,322.83	\$		\$	5,993.66	\$		\$	5,447.33	
12. Total	\$		\$ 13,275.51	\$		\$	12,946.34	\$		\$	12,400.01	
Revenue Loss for a 10% load Loss												
13. Distribution Delivery kW	\$	2.51	\$ 110.44	\$	2.51	\$	110.44	\$	2.51	\$	110.44	
14. CTC per kW	\$	6.11	\$ 268.84	\$	6.11	\$	268.84	\$	6.11	\$	268.84	
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$ 273.42	\$	0.01996	\$	247.50	\$	0.01629	\$	202.00	
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$ -	\$	0.00817	\$	-	\$	0.00450	\$	-	
17. Total Revenue Loss			\$ 652.70			\$	626.78			\$	581.28	
18. Pct of Revenue Loss to Total Bill			4.9%				4.8%				4.7%	
19. Pct of Revenue Loss to Total Delivery			10.3%				10.5%				10.7%	

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: School - SC7
Monthly Bill Applicable for May - September

SC7 Standby Service

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Customer's Load kWh:	158000
Customer's Load kW:	500
Total Metered kWh/ NM Delivered:	88000
Total Metered kW/ NM Delivered:	500
Standby Contract Demand:	500
As Used Daily Demand	
Total:	5200

	<u>West</u>		<u>Central</u>		<u>East</u>	
	<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
	Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83
2. Customer CTC Charge	\$ 2,395.68	\$ 2,395.68	\$ 2,336.82	\$ 2,336.82	\$ 2,100.16	\$ 2,100.16
3. Standby Contract	\$ 1.14	\$ 570.00	\$ 1.14	\$ 570.00	\$ 1.14	\$ 570.00
4. Standby Contract CTC	\$ 4.93	\$ 2,465.00	\$ 4.81	\$ 2,405.00	\$ 4.32	\$ 2,160.00
5. As Used On-peak Daily	\$ 0.08	\$ 409.24	\$ 0.08	\$ 409.24	\$ 0.08	\$ 409.24
6. As Used On-Peak CTC	\$ 0.34	\$ 1,766.44	\$ 0.33	\$ 1,722.76	\$ 0.30	\$ 1,548.56
7. RKVA	\$ 0.85	\$ -	\$ 0.85	\$ -	\$ 0.85	\$ -
8. SBC	\$ 0.001537	\$ 135.26	\$ 0.001537	\$ 135.26	\$ 0.001537	\$ 135.26
9. TRAC	\$ 0.00087	\$ 76.12	\$ 0.00087	\$ 76.12	\$ 0.00087	\$ 76.12
10. Commodity	\$ 0.05607	\$ 4,934.16	\$ 0.05929	\$ 4,934.16	\$ 0.06443	\$ 4,934.16
11. Delivery		\$ 8,372.57		\$ 8,210.03		\$ 7,554.17
12. Total		\$ 13,306.73		\$ 13,144.19		\$ 12,488.33
Revenue Loss for a 10% load Loss 520 kW						
13. As Used On- Peak Daily Demand	\$	40.92	\$	40.92	\$	40.92
14. AS Used On-Peak CTC	\$	176.64	\$	172.28	\$	154.86
15. Total Revenue Loss	\$	217.57	\$	213.20	\$	195.78
16. Pct of Revenue Loss to Total Bill		1.6%		1.6%		1.6%
17. Pct of Revenue Loss to Total Delivery		2.6%		2.6%		2.6%

NOTES:

- A. Line 15 is the sum of Lines 13 and 14
- B. Line 16 is Line 15 + Line 12
- C. Line 17 is Line 15 + Line 11

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: School - SC7

Monthly Bill Applicable For October

SC7 Standby Service

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Customer's Load kWh:	133000
Customer's Load kW:	460
Total Metered kWh/ NM Delivered:	63000
Total Metered kW/ NM Delivered:	190
Standby Contract Demand:	500
As Used Daily Demand	
Total:	2300

	<u>West</u> Load Zones A/B				<u>Central</u> Load Zones C/D/E				<u>East</u> Load Zone F			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	554.83	\$ 554.83	\$	554.83	\$	554.83	\$	554.83	\$	554.83	\$
2. Customer CTC Charge	\$	2,395.68	\$ 2,395.68	\$	2,336.82	\$	2,336.82	\$	2,100.16	\$	2,100.16	\$
3. Standby Contract	\$	1.14	\$ 570.00	\$	1.14	\$	570.00	\$	1.14	\$	570.00	\$
4. Standby Contract CTC	\$	4.93	\$ 2,465.00	\$	4.81	\$	2,405.00	\$	4.32	\$	2,160.00	\$
5. As Used On-peak Daily	\$	0.08	\$ 181.01	\$	0.08	\$	181.01	\$	0.08	\$	181.01	\$
6. As Used On-Peak CTC	\$	0.34	\$ 781.31	\$	0.33	\$	761.99	\$	0.30	\$	684.94	\$
7. RKVA	\$	0.85	\$ -	\$	0.85	\$	-	\$	0.85	\$	-	\$
8. SBC	\$	0.001537	\$ 96.83	\$	0.001537	\$	96.83	\$	0.001537	\$	96.83	\$
9. TRAC	\$	0.00087	\$ 54.50	\$	0.00087	\$	54.50	\$	0.00087	\$	54.50	\$
10. Commodity	\$	0.05607	\$ 3,532.41	\$	0.05929	\$	3,532.41	\$	0.06443	\$	3,532.41	\$
11. Delivery			\$ 7,099.16				\$ 6,960.98				\$ 6,402.27	
12. Total			\$ 10,631.57				\$ 10,493.39				\$ 9,934.68	
Revenue Loss for a 10% load Loss 230 kW												
13. As Used On- Peak Daily Demand			\$ 18.10			\$ 18.10				\$ 18.10		
14. AS Used On-Peak CTC			\$ 78.13			\$ 76.20				\$ 68.49		
15. Total Revenue Loss			\$ 96.23			\$ 94.30				\$ 86.60		
16. Pct of Revenue Loss to Total Bill			0.9%			0.9%				0.9%		
17. Pct of Revenue Loss to Total Delivery			1.4%			1.4%				1.4%		

NOTES:

- A. Line 15 is the sum of Lines 13 and 14
- B. Line 16 is Line 15 + Line 12
- C. Line 17 is Line 15 + Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: School - SC7
Monthly Bill Applicable For November - March



SC7 Standby Service

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Customer's Load kWh:	152000
Customer's Load kW:	470
Total Metered kWh/	
NM Delivered:	82000
Total Metered kW/	
NM Delivered:	210
Standby Contract Demand:	500
As Used Daily Demand	
Total:	2500

	<u>West</u>				<u>Central</u>				<u>East</u>			
	<u>Load Zones A/B</u>				<u>Load Zones C/D/E</u>				<u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	554.83	\$ 554.83	\$	554.83	\$	554.83	\$	554.83	\$	554.83	\$
2. Customer CTC Charge	\$	2,395.68	\$ 2,395.68	\$	2,336.82	\$	2,336.82	\$	2,100.16	\$	2,100.16	\$
3. Standby Contract	\$	1.14	\$ 570.00	\$	1.14	\$	570.00	\$	1.14	\$	570.00	\$
4. Standby Contract CTC	\$	4.93	\$ 2,465.00	\$	4.81	\$	2,405.00	\$	4.32	\$	2,160.00	\$
5. As Used On-peak Daily	\$	0.08	\$ 196.75	\$	0.08	\$	196.75	\$	0.08	\$	196.75	\$
6. As Used On-Peak CTC	\$	0.34	\$ 849.25	\$	0.33	\$	828.25	\$	0.30	\$	744.50	\$
7. RKVA	\$	0.85	\$ -	\$	0.85	\$	-	\$	0.85	\$	-	\$
8. SBC	\$	0.001537	\$ 126.03	\$	0.001537	\$	126.03	\$	0.001537	\$	126.03	\$
9. TRAC	\$	0.00087	\$ 70.93	\$	0.00087	\$	70.93	\$	0.00087	\$	70.93	\$
10. Commodity	\$	0.05607	\$ 4,597.74	\$	0.05929	\$	4,597.74	\$	0.06443	\$	4,597.74	\$
11. Delivery			\$ 7,228.47				\$ 7,088.61				\$ 6,523.20	
12. Total			\$ 11,826.21				\$ 11,686.35				\$ 11,120.94	
Revenue Loss for a 10% load Loss 250 kW												
13. As Used On- Peak Daily Demand			\$ 19.68				\$ 19.68				\$ 19.68	
14. AS Used On-Peak CTC			\$ 84.93				\$ 82.83				\$ 74.45	
15. Total Revenue Loss			\$ 104.60				\$ 102.50				\$ 94.13	
16. Pct of Revenue Loss to Total Bill			0.9%				0.9%				0.8%	
17. Pct of Revenue Loss to Total Delivery			1.4%				1.4%				1.4%	

NOTES:

- A. Line 15 is the sum of Lines 13 and 14
- B. Line 16 is Line 15 + Line 12
- C. Line 17 is Line 15 + Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: School - SC7
Monthly Bill Applicable For April

SC7 Standby Service

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity estimated using an average
of 6 months actual and 6 months forecast for 2003

Customer's Load kWh:	194000
Customer's Load kW:	460
Total Metered kWh/ NM Delivered:	124000
Total Metered kW/ NM Delivered:	440
Standby Contract Demand:	500
As Used Daily Demand	
Total:	6400

	<u>West</u> <u>Load Zones A/B</u>				<u>Central</u> <u>Load Zones C/D/E</u>				<u>East</u> <u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	554.83	\$ 554.83	\$	554.83	\$	554.83	\$	554.83	\$	554.83	
2. Customer CTC Charge	\$	2,395.68	\$ 2,395.68	\$	2,336.82	\$	2,336.82	\$	2,100.16	\$	2,100.16	
3. Standby Contract	\$	1.14	\$ 570.00	\$	1.14	\$	570.00	\$	1.14	\$	570.00	
4. Standby Contract CTC	\$	4.93	\$ 2,465.00	\$	4.81	\$	2,405.00	\$	4.32	\$	2,160.00	
5. As Used On-peak Daily	\$	0.08	\$ 503.68	\$	0.08	\$	503.68	\$	0.08	\$	503.68	
6. As Used On-Peak CTC	\$	0.34	\$ 2,174.08	\$	0.33	\$	2,120.32	\$	0.30	\$	1,905.92	
7. RKVA	\$	0.85	\$ -	\$	0.85	\$	-	\$	0.85	\$	-	
8. SBC	\$	0.001537	\$ 190.59	\$	0.001537	\$	190.59	\$	0.001537	\$	190.59	
9. TRAC	\$	0.00087	\$ 107.26	\$	0.00087	\$	107.26	\$	0.00087	\$	107.26	
10. Commodity	\$	0.05607	\$ 6,952.68	\$	0.05929	\$	6,952.68	\$	0.06443	\$	6,952.68	
11. Delivery			\$ 8,961.12				\$ 8,788.50				\$ 8,092.44	
12. Total			\$ 15,913.80				\$ 15,741.18				\$ 15,045.12	
Revenue Loss for a 10% load Loss 640 kW												
13. As Used On- Peak Daily Demand			\$ 50.37				\$ 50.37				\$ 50.37	
14. AS Used On-Peak CTC			\$ 217.41				\$ 212.03				\$ 190.59	
15. Total Revenue Loss			\$ 267.78				\$ 262.40				\$ 240.96	
16. Pct of Revenue Loss to Total Bill			1.7%				1.7%				1.6%	
17. Pct of Revenue Loss to Total Delivery			3.0%				3.0%				3.0%	

NOTES:

- A. Line 15 is the sum of Lines 13 and 14
- B. Line 16 is Line 15 + Line 12
- C. Line 17 is Line 15 + Line 11

ATTACHMENT 2
SCHEDULE 2.5

Niagara Mohawk's Typical Bills
DG/CHP/EE Scenarios
Nursing Home

Niagara Mohawk Power Corporation Typical Bill Analysis Example: Nursing Home Annual Summary

Prices in effect January 1, 2003
Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

	<u>West</u> <u>Load Zones A/B</u>	<u>Central</u> <u>Load Zones C/D/E</u>	<u>East</u> <u>Load Zone F</u>
Conventional Rates Pre-DG			
Parent SC3 Subtransmission			
1. Total Annual Charges	\$ 199,734	\$ 194,032	\$ 184,568
2. Annual Revenue Loss for a 10% Load Loss	\$ 8,580	\$ 8,131	\$ 7,343
3. Percent of Annual Revenue Loss	4.3%	4.2%	4.0%
4. Total Annual Delivery Charges	\$ 79,296	\$ 73,594	\$ 64,130
5. Percent of Annual Revenue Loss to Total Delivery	10.8%	11.0%	11.5%
Conventional Rates Post DG			
Parent SC3 Subtransmission			
6. Total Annual Charges	\$ 152,153	\$ 147,991	\$ 141,085
7. Annual Revenue Loss for a 10% Load Loss	\$ 6,722	\$ 6,394	\$ 5,819
8. Percent of Annual Revenue Loss	4.4%	4.3%	4.1%
9. Total Annual Delivery Charges	\$ 64,262	\$ 60,101	\$ 53,195
10. Percent of Annual Revenue Loss to Total Delivery	10.5%	10.6%	10.9%
Standby Rates Post DG			
Parent SC3 Subtransmission			
11. Total Annual Charges	\$ 184,889	\$ 183,031	\$ 175,540
12. Annual Revenue Loss for a 10% Load Loss	\$ 2,667	\$ 2,613	\$ 2,400
13. Percent of Annual Revenue Loss	1.4%	1.4%	1.4%
14. Total Annual Delivery Charges	\$ 96,998	\$ 95,141	\$ 87,650
15. Percent of Annual Revenue Loss to Total Delivery	2.7%	2.7%	2.7%

NOTES:

- | | |
|---|--|
| <p>A. Lines 1, 6 and 11 include commodity related charges</p> <p>B. Lines 2, 4, 7, 9, 12 and 14 exclude commodity related charges</p> <p>C. Line 3 = Line 2 ÷ Line 1</p> <p>D. Line 5 = Line 2 ÷ Line 4</p> | <p>E. Line 8 = Line 7 ÷ Line 6</p> <p>E. Line 10 = Line 7 ÷ Line 9</p> <p>F. Line 13 = Line 12 ÷ Line 11</p> <p>G. Line 15 = Line 12 ÷ Line 14</p> |
|---|--|

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Nursing Home - Pre DG
Monthly Bill Applicable for May - September

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 176000

Total Metered kW/

NM Delivered: 430

	<u>West</u> <u>Load Zones A/B</u>				<u>Central</u> <u>Load Zones C/D/E</u>				<u>East</u> <u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	554.83	\$ 554.83	\$	554.83	\$	554.83	\$	554.83	\$	554.83	
2. Distribution Delivery kW	\$	2.51	\$ 1,079.30	\$	2.51	\$	1,079.30	\$	2.51	\$	1,079.30	
3. CTC kW	\$	6.11	\$ 2,627.30	\$	6.11	\$	2,627.30	\$	6.11	\$	2,627.30	
4. CTC kWh - First 450 hours use	\$	0.02205	\$ 3,880.80	\$	0.01996	\$	3,512.96	\$	0.01629	\$	2,867.04	
5. CTC kWh - over 450 hours use	\$	0.01026	\$ -	\$	0.00817	\$	-	\$	0.00450	\$	-	
6. DCA	\$	(0.00852)	\$ (1,500.04)	\$	(0.00909)	\$	(1,599.41)	\$	(0.00982)	\$	(1,728.93)	
7. RKVA	\$	0.85	\$ -	\$	0.85	\$	-	\$	0.85	\$	-	
8. SBC	\$	0.001537	\$ 270.51	\$	0.001537	\$	270.51	\$	0.001537	\$	270.51	
9. TRAC	\$	0.00087	\$ 152.24	\$	0.00087	\$	152.24	\$	0.00087	\$	152.24	
10. Commodity	\$	0.05607	\$ 9,868.32	\$	0.05929	\$	9,868.32	\$	0.06443	\$	9,868.32	
11. Delivery			\$ 7,064.94				\$ 6,597.73				\$ 5,822.29	
12. Total			\$ 16,933.26				\$ 16,466.05				\$ 15,690.61	
Revenue Loss for a 10% load Loss												
13. Distribution Delivery kW	\$	2.51	\$ 107.93	\$	2.51	\$	107.93	\$	2.51	\$	107.93	
14. CTC per kW	\$	6.11	\$ 262.73	\$	6.11	\$	262.73	\$	6.11	\$	262.73	
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$ 388.08	\$	0.01996	\$	351.30	\$	0.01629	\$	286.70	
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$ -	\$	0.00817	\$	-	\$	0.00450	\$	-	
17. Total Revenue Loss			\$ 758.74				\$ 721.96				\$ 657.36	
18. Pct of Revenue Loss to Total Bill			4.5%				4.4%				4.2%	
19. Pct of Revenue Loss to Total Delivery			10.7%				10.9%				11.3%	

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: Nursing Home - Pre DG

Monthly Bill Applicable For October

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 186000

Total Metered kW/

NM Delivered: 420

	<u>West</u>				<u>Central</u>				<u>East</u>			
	<u>Load Zones A/B</u>				<u>Load Zones C/D/E</u>				<u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	554.83	\$ 554.83	\$	554.83	\$	554.83	\$	554.83	\$	554.83	
2. Distribution Delivery kW	\$	2.51	\$ 1,054.20	\$	2.51	\$	1,054.20	\$	2.51	\$	1,054.20	
3. CTC kW	\$	6.11	\$ 2,566.20	\$	6.11	\$	2,566.20	\$	6.11	\$	2,566.20	
4. CTC kWh - First 450 hours use	\$	0.02205	\$ 4,101.30	\$	0.01996	\$	3,712.56	\$	0.01629	\$	3,029.94	
5. CTC kWh - over 450 hours use	\$	0.01026	\$ -	\$	0.00817	\$	-	\$	0.00450	\$	-	
6. DCA	\$	(0.00852)	\$ (1,585.27)	\$	(0.00909)	\$	(1,690.29)	\$	(0.00982)	\$	(1,827.16)	
7. RKVA	\$	0.85	\$ -	\$	0.85	\$	-	\$	0.85	\$	-	
8. SBC	\$	0.001537	\$ 285.88	\$	0.001537	\$	285.88	\$	0.001537	\$	285.88	
9. TRAC	\$	0.00087	\$ 160.89	\$	0.00087	\$	160.89	\$	0.00087	\$	160.89	
10. Commodity	\$	0.05607	\$ 10,429.02	\$	0.05929	\$	10,429.02	\$	0.06443	\$	10,429.02	
11. Delivery			\$ 7,138.03				\$ 6,644.27				\$ 5,824.78	
12. Total			\$ 17,567.05				\$ 17,073.29				\$ 16,253.80	
Revenue Loss for a 10% load Loss												
13. Distribution Delivery kW	\$	2.51	\$ 105.42	\$	2.51	\$	105.42	\$	2.51	\$	105.42	
14. CTC per kW	\$	6.11	\$ 256.62	\$	6.11	\$	256.62	\$	6.11	\$	256.62	
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$ 410.13	\$	0.01996	\$	371.26	\$	0.01629	\$	302.99	
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$ -	\$	0.00817	\$	-	\$	0.00450	\$	-	
17. Total Revenue Loss			\$ 772.17				\$ 733.30				\$ 665.03	
18. Pct of Revenue Loss to Total Bill			4.4%				4.3%				4.1%	
19. Pct of Revenue Loss to Total Delivery			10.8%				11.0%				11.4%	

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Nursing Home - Pre DG
Monthly Bill Applicable For November - March

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 183000

Total Metered kW/

NM Delivered: 340

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83	\$ 554.83	554.83	\$ 554.83	554.83	\$ 554.83
2. Distribution Delivery kW	\$	2.51	\$ 853.40	2.51	\$ 853.40	2.51	\$ 853.40
3. CTC kW	\$	6.11	\$ 2,077.40	6.11	\$ 2,077.40	6.11	\$ 2,077.40
4. CTC kWh - First 450 hours use	\$	0.02205	\$ 3,373.65	0.01996	\$ 3,053.88	0.01629	\$ 2,492.37
5. CTC kWh - over 450 hours use	\$	0.01026	\$ 307.80	0.00817	\$ 245.10	0.00450	\$ 135.00
6. DCA	\$	(0.00852)	\$ (1,559.70)	(0.00909)	\$ (1,663.03)	(0.00982)	\$ (1,797.69)
7. RKVA	\$	0.85	\$ -	0.85	\$ -	0.85	\$ -
8. SBC	\$	0.001537	\$ 281.27	0.001537	\$ 281.27	0.001537	\$ 281.27
9. TRAC	\$	0.00087	\$ 158.30	0.00087	\$ 158.30	0.00087	\$ 158.30
10. Commodity	\$	0.05607	\$ 10,260.81	0.05929	\$ 10,260.81	0.06443	\$ 10,260.81
11. Delivery	\$		\$ 6,046.95		\$ 5,561.15		\$ 4,754.87
12. Total	\$		\$ 16,307.76		\$ 15,821.96		\$ 15,015.68
<u>Revenue Loss for a 10% load Loss</u>		kW					
13. Distribution Delivery kW	\$	2.51	\$ 85.34	2.51	\$ 85.34	2.51	\$ 85.34
14. CTC per kW	\$	6.11	\$ 207.74	6.11	\$ 207.74	6.11	\$ 207.74
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$ 337.37	0.01996	\$ 305.39	0.01629	\$ 249.24
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$ 30.78000	0.00817	\$ 24.51	0.00450	\$ 13.50
17. Total Revenue Loss	\$		\$ 661.23		\$ 622.98		\$ 555.82
18. Pct of Revenue Loss to Total Bill			4.1%		3.9%		3.7%
19. Pct of Revenue Loss to Total Delivery			10.9%		11.2%		11.7%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: Nursing Home - Pre DG

Monthly Bill Applicable For April

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 173000

Total Metered kW/

NM Delivered: 390

	<u>West</u>				<u>Central</u>				<u>East</u>			
	<u>Load Zones A/B</u>				<u>Load Zones C/D/E</u>				<u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	554.83	\$ 554.83	\$	554.83	\$	554.83	\$	554.83	\$	554.83	\$
2. Distribution Delivery kW	\$	2.51	\$ 978.90	\$	2.51	\$	978.90	\$	2.51	\$	978.90	\$
3. CTC kW	\$	6.11	\$ 2,382.90	\$	6.11	\$	2,382.90	\$	6.11	\$	2,382.90	\$
4. CTC kWh - First 450 hours use	\$	0.02205	\$ 3,814.65	\$	0.01996	\$	3,453.08	\$	0.01629	\$	2,818.17	\$
5. CTC kWh - over 450 hours use	\$	0.01026	\$ -	\$	0.00817	\$	-	\$	0.00450	\$	-	\$
6. DCA	\$	(0.00852)	\$ (1,474.47)	\$	(0.00909)	\$	(1,572.15)	\$	(0.00982)	\$	(1,699.46)	\$
7. RKVA	\$	0.85	\$ -	\$	0.85	\$	-	\$	0.85	\$	-	\$
8. SBC	\$	0.001537	\$ 265.90	\$	0.001537	\$	265.90	\$	0.001537	\$	265.90	\$
9. TRAC	\$	0.00087	\$ 149.65	\$	0.00087	\$	149.65	\$	0.00087	\$	149.65	\$
10. Commodity	\$	0.05607	\$ 9,700.11	\$	0.05929	\$	9,700.11	\$	0.06443	\$	9,700.11	\$
11. Delivery	\$		\$ 6,672.35	\$		\$	6,213.11	\$		\$	5,450.89	\$
12. Total	\$		\$ 16,372.46	\$		\$	15,913.22	\$		\$	15,151.00	\$
Revenue Loss for a 10% load Loss												
13. Distribution Delivery kW	\$	2.51	\$ 97.89	\$	2.51	\$	97.89	\$	2.51	\$	97.89	\$
14. CTC per kW	\$	6.11	\$ 238.29	\$	6.11	\$	238.29	\$	6.11	\$	238.29	\$
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$ 381.47	\$	0.01996	\$	345.31	\$	0.01629	\$	281.82	\$
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$ -	\$	0.00817	\$	-	\$	0.00450	\$	-	\$
17. Total Revenue Loss	\$		\$ 717.65	\$		\$	681.49	\$		\$	618.00	\$
18. Pct of Revenue Loss to Total Bill			4.4%				4.3%				4.1%	
19. Pct of Revenue Loss to Total Delivery			10.8%				11.0%				11.3%	

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Nursing Home - Post DG
Monthly Bill Applicable for May - September

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 128000

Total Metered kW/

NM Delivered: 360

	<u>West</u> <u>Load Zones A/B</u>				<u>Central</u> <u>Load Zones C/D/E</u>				<u>East</u> <u>Load Zone F</u>			
		Rate	Amount			Rate	Amount			Rate	Amount	
1. Customer Charge	\$	554.83	\$ 554.83	\$	554.83	\$	554.83	\$	554.83	\$	554.83	
2. Distribution Delivery kW	\$	2.51	\$ 903.60	\$	2.51	\$	903.60	\$	2.51	\$	903.60	
3. CTC kW	\$	6.11	\$ 2,199.60	\$	6.11	\$	2,199.60	\$	6.11	\$	2,199.60	
4. CTC kWh - First 450 hours use	\$	0.02205	\$ 2,822.40	\$	0.01996	\$	2,554.88	\$	0.01629	\$	2,085.12	
5. CTC kWh - over 450 hours use	\$	0.01026	\$ -	\$	0.00817	\$	-	\$	0.00450	\$	-	
6. DCA	\$	(0.00852)	\$ (1,090.94)	\$	(0.00909)	\$	(1,163.21)	\$	(0.00982)	\$	(1,257.40)	
7. RKVA	\$	0.85	\$ -	\$	0.85	\$	-	\$	0.85	\$	-	
8. SBC	\$	0.001537	\$ 196.74	\$	0.001537	\$	196.74	\$	0.001537	\$	196.74	
9. TRAC	\$	0.00087	\$ 110.72	\$	0.00087	\$	110.72	\$	0.00087	\$	110.72	
10. Commodity	\$	0.05607	\$ 7,176.96	\$	0.05929	\$	7,176.96	\$	0.06443	\$	7,176.96	
11. Delivery			\$ 5,696.95				\$ 5,357.16				\$ 4,793.20	
12. Total			\$ 12,873.91				\$ 12,534.12				\$ 11,970.16	
Revenue Loss for a 10% load Loss kW												
13. Distribution Delivery kW	\$	2.51	\$ 90.36	\$	2.51	\$	90.36	\$	2.51	\$	90.36	
14. CTC per kW	\$	6.11	\$ 219.96	\$	6.11	\$	219.96	\$	6.11	\$	219.96	
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$ 282.24	\$	0.01996	\$	255.49	\$	0.01629	\$	208.51	
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$ -	\$	0.00817	\$	-	\$	0.00450	\$	-	
17. Total Revenue Loss			\$ 592.56				\$ 565.81				\$ 518.83	
18. Pct of Revenue Loss to Total Bill			4.6%				4.5%				4.3%	
19. Pct of Revenue Loss to Total Delivery			10.4%				10.6%				10.8%	

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation **Typical Bill Analysis** **Example: Nursing Home - Post DG** **Monthly Bill Applicable For October**

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 136000

Total Metered kW/

NM Delivered: 350

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83	\$ 554.83	554.83	\$ 554.83	554.83	\$ 554.83
2. Distribution Delivery kW	\$	2.51	\$ 878.50	2.51	\$ 878.50	2.51	\$ 878.50
3. CTC kW	\$	6.11	\$ 2,138.50	6.11	\$ 2,138.50	6.11	\$ 2,138.50
4. CTC kWh - First 450 hours use	\$	0.02205	\$ 2,998.80	0.01996	\$ 2,714.56	0.01629	\$ 2,215.44
5. CTC kWh - over 450 hours use	\$	0.01026	\$ -	0.00817	\$ -	0.00450	\$ -
6. DCA	\$	(0.00852)	\$ (1,159.12)	(0.00909)	\$ (1,235.91)	(0.00982)	\$ (1,335.99)
7. RKVA	\$	0.85	\$ -	0.85	\$ -	0.85	\$ -
8. SBC	\$	0.001537	\$ 209.03	0.001537	\$ 209.03	0.001537	\$ 209.03
9. TRAC	\$	0.00087	\$ 117.64	0.00087	\$ 117.64	0.00087	\$ 117.64
10. Commodity	\$	0.05607	\$ 7,625.52	0.05929	\$ 7,625.52	0.06443	\$ 7,625.52
11. Delivery	\$		\$ 5,738.18		\$ 5,377.15		\$ 4,777.95
12. Total	\$		\$ 13,363.70		\$ 13,002.67		\$ 12,403.47
Revenue Loss for a 10% load Loss		kW					
13. Distribution Delivery kW	\$	2.51	\$ 87.85	2.51	\$ 87.85	2.51	\$ 87.85
14. CTC per kW	\$	6.11	\$ 213.85	6.11	\$ 213.85	6.11	\$ 213.85
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$ 299.88	0.01996	\$ 271.46	0.01629	\$ 221.54
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$ -	0.00817	\$ -	0.00450	\$ -
17. Total Revenue Loss			\$ 601.58		\$ 573.16		\$ 523.24
18. Pct of Revenue Loss to Total Bill			4.5%		4.4%		4.2%
19. Pct of Revenue Loss to Total Delivery			10.5%		10.7%		11.0%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: Nursing Home - Post DG

Monthly Bill Applicable For November - March

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 134000

Total Metered kW/

NM Delivered: 270

<u>West</u>					<u>Central</u>					<u>East</u>				
<u>Load Zones A/B</u>					<u>Load Zones C/D/E</u>					<u>Load Zone F</u>				
		Rate	Amount			Rate	Amount			Rate	Amount			
1. Customer Charge	\$	554.83	\$ 554.83	\$	554.83	\$	554.83	\$	554.83	\$	554.83	\$	554.83	
2. Distribution Delivery kW	\$	2.51	\$ 677.70	\$	2.51	\$	677.70	\$	2.51	\$	677.70	\$	677.70	
3. CTC kW	\$	6.11	\$ 1,649.70	\$	6.11	\$	1,649.70	\$	6.11	\$	1,649.70	\$	1,649.70	
4. CTC kWh - First 450 hours use	\$	0.02205	\$ 2,679.08	\$	0.01996	\$	2,425.14	\$	0.01629	\$	1,979.24	\$	1,979.24	
5. CTC kWh - over 450 hours use	\$	0.01026	\$ 128.25	\$	0.00817	\$	102.13	\$	0.00450	\$	56.25	\$	56.25	
6. DCA	\$	(0.00852)	\$ (1,142.08)	\$	(0.00909)	\$	(1,217.73)	\$	(0.00982)	\$	(1,316.34)	\$	(1,316.34)	
7. RKVA	\$	0.85	\$ -	\$	0.85	\$	-	\$	0.85	\$	-	\$	-	
8. SBC	\$	0.001537	\$ 205.96	\$	0.001537	\$	205.96	\$	0.001537	\$	205.96	\$	205.96	
9. TRAC	\$	0.00087	\$ 115.91	\$	0.00087	\$	115.91	\$	0.00087	\$	115.91	\$	115.91	
10. Commodity	\$	0.05607	\$ 7,513.38	\$	0.05929	\$	7,513.38	\$	0.06443	\$	7,513.38	\$	7,513.38	
11. Delivery			\$ 4,869.35				\$ 4,513.63				\$ 3,923.24		\$ 3,923.24	
12. Total			\$ 12,382.73				\$ 12,027.01				\$ 11,436.62		\$ 11,436.62	
<u>Revenue Loss for a 10% load Loss</u>														
13. Distribution Delivery kW	\$	2.51	\$ 67.77	\$	2.51	\$	67.77	\$	2.51	\$	67.77	\$	67.77	
14. CTC per kW	\$	6.11	\$ 164.97	\$	6.11	\$	164.97	\$	6.11	\$	164.97	\$	164.97	
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$ 267.91	\$	0.01996	\$	242.51	\$	0.01629	\$	197.92	\$	197.92	
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$ 12.83	\$	0.00817	\$	10.21	\$	0.00450	\$	5.63	\$	5.63	
17. Total Revenue Loss			\$ 513.47				\$ 485.47				\$ 436.29		\$ 436.29	
18. Pct of Revenue Loss to Total Bill			4.1%				4.0%				3.8%			
19. Pct of Revenue Loss to Total Delivery			10.5%				10.8%				11.1%			

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 + Line 12
- C. Line 19 is Line 17 + Line 11

Niagara Mohawk Power Corporation **Typical Bill Analysis** **Example: Nursing Home - Post DG** **Monthly Bill Applicable For April**

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity and DCA estimated using an average
of 6 months actual and 6 months forecast for 2003

Total Metered kWh/

NM Delivered: 126000

Total Metered kW/

NM Delivered: 370

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83	\$ 554.83	554.83	\$ 554.83	554.83	\$ 554.83
2. Distribution Delivery kW	\$	2.51	\$ 928.70	2.51	\$ 928.70	2.51	\$ 928.70
3. CTC kW	\$	6.11	\$ 2,260.70	6.11	\$ 2,260.70	6.11	\$ 2,260.70
4. CTC kWh - First 450 hours use	\$	0.02205	\$ 2,778.30	0.01996	\$ 2,514.96	0.01629	\$ 2,052.54
5. CTC kWh - over 450 hours use	\$	0.01026	\$ -	0.00817	\$ -	0.00450	\$ -
6. DCA	\$	(0.00852)	\$ (1,073.89)	(0.00909)	\$ (1,145.03)	(0.00982)	\$ (1,237.76)
7. RKVA	\$	0.85	\$ -	0.85	\$ -	0.85	\$ -
8. SBC	\$	0.001537	\$ 193.66	0.001537	\$ 193.66	0.001537	\$ 193.66
9. TRAC	\$	0.00087	\$ 108.99	0.00087	\$ 108.99	0.00087	\$ 108.99
10. Commodity	\$	0.05607	\$ 7,064.82	0.05929	\$ 7,064.82	0.06443	\$ 7,064.82
11. Delivery	\$		\$ 5,751.29		\$ 5,416.81		\$ 4,861.67
12. Total	\$		\$ 12,816.11		\$ 12,481.63		\$ 11,926.49
<u>Revenue Loss for a 10% load Loss</u>		kW					
13. Distribution Delivery kW	\$	2.51	\$ 92.87	2.51	\$ 92.87	2.51	\$ 92.87
14. CTC per kW	\$	6.11	\$ 226.07	6.11	\$ 226.07	6.11	\$ 226.07
15. CTC per kWh - First 450 Hours Use	\$	0.02205	\$ 277.83	0.01996	\$ 251.50	0.01629	\$ 205.25
16. CTC per kWh - Over 450 hours Use	\$	0.01026	\$ -	0.00817	\$ -	0.00450	\$ -
17. Total Revenue Loss	\$		\$ 596.77		\$ 570.44		\$ 524.19
18. Pct of Revenue Loss to Total Bill			4.7%		4.6%		4.4%
19. Pct of Revenue Loss to Total Delivery			10.4%		10.5%		10.8%

NOTES:

- A. Line 17 is the sum of Lines 13, 14, 15 and 16
- B. Line 18 is Line 17 ÷ Line 12
- C. Line 19 is Line 17 ÷ Line 11

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: Nursing Home - SC7

Monthly Bill Applicable for May - September

SC7 Standby Service

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Customer's Load kWh:	176000
Customer's Load kW:	430
Total Metered kWh/ NM Delivered:	128000
Total Metered kW/ NM Delivered:	360
Standby Contract Demand:	430
As Used Daily Demand	
Total:	5200

	<u>West</u>		<u>Central</u>		<u>East</u>	
	<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
	Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83
2. Customer CTC Charge	\$ 2,395.68	\$ 2,395.68	\$ 2,336.82	\$ 2,336.82	\$ 2,100.16	\$ 2,100.16
3. Standby Contract	\$ 1.14	\$ 490.20	\$ 1.14	\$ 490.20	\$ 1.14	\$ 490.20
4. Standby Contract CTC	\$ 4.93	\$ 2,119.90	\$ 4.81	\$ 2,068.30	\$ 4.32	\$ 1,857.60
5. As Used On-peak Daily	\$ 0.08	\$ 409.24	\$ 0.08	\$ 409.24	\$ 0.08	\$ 409.24
6. As Used On-Peak CTC	\$ 0.34	\$ 1,766.44	\$ 0.33	\$ 1,722.76	\$ 0.30	\$ 1,548.56
7. RKVA	\$ 0.85	\$ -	\$ 0.85	\$ -	\$ 0.85	\$ -
8. SBC	\$ 0.001537	\$ 196.74	\$ 0.001537	\$ 196.74	\$ 0.001537	\$ 196.74
9. TRAC	\$ 0.00087	\$ 110.72	\$ 0.00087	\$ 110.72	\$ 0.00087	\$ 110.72
10. Commodity	\$ 0.05607	\$ 7,176.96	\$ 0.05929	\$ 7,176.96	\$ 0.06443	\$ 7,176.96
11. Delivery		\$ 8,043.75		\$ 7,889.61		\$ 7,268.05
12. Total		\$ 15,220.71		\$ 15,066.57		\$ 14,445.01
Revenue Loss for a 10% load Loss 520 kW						
13. As Used On- Peak Daily Demand	\$	40.92	\$	40.92	\$	40.92
14. AS Used On-Peak CTC	\$	176.64	\$	172.28	\$	154.86
15. Total Revenue Loss	\$	217.57	\$	213.20	\$	195.78
16. Pct of Revenue Loss to Total Bill		1.4%		1.4%		1.4%
17. Pct of Revenue Loss to Total Delivery		2.7%		2.7%		2.7%

NOTES:

- A. Line 15 is the sum of Lines 13 and 14
- B. Line 16 is Line 15 + Line 12
- C. Line 17 is Line 15 + Line 11

Niagara Mohawk Power Corporation
Typical Bill Analysis
Example: Nursing Home - SC7
Monthly Bill Applicable For November - March

SC7 Standby Service

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Customer's Load kWh:	183000
Customer's Load kW:	340
Total Metered kWh/	
NM Delivered:	134000
Total Metered kW/	
NM Delivered:	270
Standby Contract Demand:	430
As Used Daily Demand	
Total:	5300

	<u>West</u>		<u>Central</u>		<u>East</u>	
	<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
	Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83
2. Customer CTC Charge	\$ 2,395.68	\$ 2,395.68	\$ 2,336.82	\$ 2,336.82	\$ 2,100.16	\$ 2,100.16
3. Standby Contract	\$ 1.14	\$ 490.20	\$ 1.14	\$ 490.20	\$ 1.14	\$ 490.20
4. Standby Contract CTC	\$ 4.93	\$ 2,119.90	\$ 4.81	\$ 2,068.30	\$ 4.32	\$ 1,857.60
5. As Used On-peak Daily	\$ 0.08	\$ 417.11	\$ 0.08	\$ 417.11	\$ 0.08	\$ 417.11
6. As Used On-Peak CTC	\$ 0.34	\$ 1,800.41	\$ 0.33	\$ 1,755.89	\$ 0.30	\$ 1,578.34
7. RKVA	\$ 0.85	\$ -	\$ 0.85	\$ -	\$ 0.85	\$ -
8. SBC	\$ 0.001537	\$ 205.96	\$ 0.001537	\$ 205.96	\$ 0.001537	\$ 205.96
9. TRAC	\$ 0.00087	\$ 115.91	\$ 0.00087	\$ 115.91	\$ 0.00087	\$ 115.91
10. Commodity	\$ 0.05607	\$ 7,513.38	\$ 0.05929	\$ 7,513.38	\$ 0.06443	\$ 7,513.38
11. Delivery		\$ 8,100.00		\$ 7,945.02		\$ 7,320.11
12. Total		\$ 15,613.38		\$ 15,458.40		\$ 14,833.49
Revenue Loss for a 10% load Loss 530 kW						
13. As Used On- Peak Daily Demand	\$	41.71	\$	41.71	\$	41.71
14. AS Used On-Peak CTC	\$	180.04	\$	175.59	\$	157.83
15. Total Revenue Loss	\$	221.75	\$	217.30	\$	199.55
16. Pct of Revenue Loss to Total Bill		1.4%		1.4%		1.3%
17. Pct of Revenue Loss to Total Delivery		2.7%		2.7%		2.7%

NOTES:

- A. Line 15 is the sum of Lines 13 and 14
- B. Line 16 is Line 15 ÷ Line 12
- C. Line 17 is Line 15 ÷ Line 11

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: Nursing Home - SC7

Monthly Bill Applicable For April

SC7 Standby Service

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Customer's Load kWh: 173000

Customer's Load kW: 390

Total Metered kWh/

NM Delivered: 126000

Total Metered kW/

NM Delivered: 370

Standby Contract Demand: 430

As Used Daily Demand

Total: 5600

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83	\$ 554.83
2. Customer CTC Charge	\$	2,395.68	\$ 2,395.68	\$ 2,336.82	\$ 2,336.82	\$ 2,100.16	\$ 2,100.16
3. Standby Contract	\$	1.14	\$ 490.20	\$ 1.14	\$ 490.20	\$ 1.14	\$ 490.20
4. Standby Contract CTC	\$	4.93	\$ 2,119.90	\$ 4.81	\$ 2,068.30	\$ 4.32	\$ 1,857.60
5. As Used On-peak Daily	\$	0.08	\$ 440.72	\$ 0.08	\$ 440.72	\$ 0.08	\$ 440.72
6. As Used On-Peak CTC	\$	0.34	\$ 1,902.32	\$ 0.33	\$ 1,855.28	\$ 0.30	\$ 1,667.68
7. RKVA	\$	0.85	\$ -	\$ 0.85	\$ -	\$ 0.85	\$ -
8. SBC	\$	0.001537	\$ 193.66	\$ 0.001537	\$ 193.66	\$ 0.001537	\$ 193.66
9. TRAC	\$	0.00087	\$ 108.99	\$ 0.00087	\$ 108.99	\$ 0.00087	\$ 108.99
10. Commodity	\$	0.05607	\$ 7,064.82	\$ 0.05929	\$ 7,064.82	\$ 0.06443	\$ 7,064.82
11. Delivery	\$		\$ 8,206.30	\$	\$ 8,048.80	\$	\$ 7,413.84
12. Total	\$		\$ 15,271.12	\$	\$ 15,113.62	\$	\$ 14,478.66
Revenue Loss for a 10% load Loss		560 kW					
13. As Used On- Peak Daily Demand	\$		\$ 44.07	\$	\$ 44.07	\$	\$ 44.07
14. AS Used On-Peak CTC	\$		\$ 190.23	\$	\$ 185.53	\$	\$ 166.77
15. Total Revenue Loss	\$		\$ 234.30	\$	\$ 229.60	\$	\$ 210.84
16. Pct of Revenue Loss to Total Bill			1.5%		1.5%		1.5%
17. Pct of Revenue Loss to Total Delivery			2.9%		2.9%		2.8%

NOTES:

A. Line 15 is the sum of Lines 13 and 14

B. Line 16 is Line 15 + Line 12

C. Line 17 is Line 15 + Line 11

Niagara Mohawk Power Corporation

Typical Bill Analysis

Example: Nursing Home - SC7

Monthly Bill Applicable For October

SC7 Standby Service

Parent SC3 Subtransmission

Prices in effect January 1, 2003

Commodity estimated using an average

of 6 months actual and 6 months forecast for 2003

Customer's Load kWh:	186000
Customer's Load kW:	420
Total Metered kWh/ NM Delivered:	136000
Total Metered kW/ NM Delivered:	350
Standby Contract Demand:	430
As Used Daily Demand	
Total:	5800

		<u>West</u>		<u>Central</u>		<u>East</u>	
		<u>Load Zones A/B</u>		<u>Load Zones C/D/E</u>		<u>Load Zone F</u>	
		Rate	Amount	Rate	Amount	Rate	Amount
1. Customer Charge	\$	554.83	\$ 554.83	554.83	\$ 554.83	554.83	\$ 554.83
2. Customer CTC Charge	\$	2,395.68	\$ 2,395.68	2,336.82	\$ 2,336.82	2,100.16	\$ 2,100.16
3. Standby Contract	\$	1.14	\$ 490.20	1.14	\$ 490.20	1.14	\$ 490.20
4. Standby Contract CTC	\$	4.93	\$ 2,119.90	4.81	\$ 2,068.30	4.32	\$ 1,857.60
5. As Used On-peak Daily	\$	0.08	\$ 456.46	0.08	\$ 456.46	0.08	\$ 456.46
6. As Used On-Peak CTC	\$	0.34	\$ 1,970.26	0.33	\$ 1,921.54	0.30	\$ 1,727.24
7. RKVA	\$	0.85	\$ -	0.85	\$ -	0.85	\$ -
8. SBC	\$	0.001537	\$ 209.03	0.001537	\$ 209.03	0.001537	\$ 209.03
9. TRAC	\$	0.00087	\$ 117.64	0.00087	\$ 117.64	0.00087	\$ 117.64
10. Commodity	\$	0.05607	\$ 7,625.52	0.05929	\$ 7,625.52	0.06443	\$ 7,625.52
11. Delivery	\$		\$ 8,314.00		\$ 8,154.82		\$ 7,513.16
12. Total	\$		\$ 15,939.52		\$ 15,780.34		\$ 15,138.68
Revenue Loss for a 10% load Loss 580 kW							
13. As Used On- Peak Daily Demand	\$		\$ 45.65		\$ 45.65		\$ 45.65
14. AS Used On-Peak CTC	\$		\$ 197.03		\$ 192.15		\$ 172.72
15. Total Revenue Loss	\$		\$ 242.67		\$ 237.80		\$ 218.37
16. Pct of Revenue Loss to Total Bill			1.5%		1.5%		1.4%
17. Pct of Revenue Loss to Total Delivery			2.9%		2.9%		2.9%

NOTES:

- A. Line 15 is the sum of Lines 13 and 14
- B. Line 16 is Line 15 + Line 12
- C. Line 17 is Line 15 + Line 11

ATTACHMENT 3

Other National Grid Companies' Typical Bills

ATTACHMENT 3
SCHEDULE 1

Other National Grid Companies' Typical Bills
Narragansett Electric Company

**The Narragansett Electric Company
Typical Bill Analysis**

Rate A-16 - Residential
Prices in effect July 1, 2003

500 kWh Bill		Rate		Amount
1. Generation (Standard Offer)	\$	0.05500	\$	27.50
Delivery				
2. Per Customer	\$	2.54	\$	2.54
3. Per kWh	\$	0.03642	\$	18.21
Transition (CTC)				
4. Per kWh	\$	0.00944	\$	4.72
5. Transmission	\$	0.00499	\$	2.50
6. Conservation	\$	0.00230	\$	1.15
7. Commodity	\$	0.05500	\$	27.50
8. Delivery	\$	0.05824	\$	29.12
9. Total	\$	0.11324	\$	<u>56.62</u>

Revenue Loss for 10% Load Loss (50 kWh)

Delivery				
10. Per kWh	\$	0.03642	\$	1.82
Transition (CTC)				
11. Per kWh	\$	0.00944	\$	0.47
12. Total Revenue Loss			\$	2.29
13. Total Revenue Loss per kWh			\$	0.04580
14. Pct of Revenue Loss				4.0%

The Narragansett Electric Company
Typical Bill Analysis

kW	40
HU	350
kWh	14000
Loss	10%

Rate G02 General C&I Rate
Prices in effect July 1, 2003

40 kW, 350 Hours Use
14,000 kWh Bill

		Rate	Amount
1. Generation (Standard Offer)	\$	0.05500 \$	770.00
Delivery			
2. Per Customer	\$	103.41 \$	103.41
3. Per kW (In excess of 10 kW)	\$	2.91 \$	87.30
4. Per kWh	\$	0.00992 \$	138.88
Transition (CTC)			
5. Per kW	\$	- \$	-
6. Per kWh	\$	0.00944 \$	132.16
Transmission			
7. Per kW (In excess of 10 kW)	\$	1.40 \$	42.00
8. Per kWh	\$	0.00063 \$	8.82
9. Conservation	\$	0.00230 \$	32.20
10. Commodity	\$	0.05500 \$	770.00
11. Delivery	\$	0.03891 \$	544.77
12. Total	\$	0.09391 \$	1,314.77

Revenue Loss for 10% Load Loss (4 kW, 1,400 kWh)

Delivery			
13. Per kW	\$	2.91 \$	11.64
14. Per kWh	\$	0.00992 \$	13.89
Transition (CTC)			
15. Per kW	\$	- \$	-
16. Per kWh	\$	0.00944 \$	13.22
17. Total Revenue Loss	\$		38.75
18. Total Revenue Loss per kWh	\$		0.02768
19. Pct of Revenue Loss			2.9%

**The Narragansett Electric Company
Typical Bill Analysis**

Rate G-32 - 200 kW Demand Rate
Prices in effect July 1, 2003

500 kW, 300 Hours Use
150,000 kWh Bill

		Rate	Amount
1. Generation (Standard Offer)	\$	0.05500 \$	8,250.00
Delivery			
2. Per Customer	\$	236.43 \$	236.43
3. Per kW - On Peak	\$	1.56 \$	780.00
4. Per kWh	\$	0.01101 \$	1,651.50
5. High Voltage Demand Credit (Pri)	\$	(0.37) \$	(185.00)
6. High Voltage Metering Credit		1% \$	(134.08)
Transition (CTC)			
7. Per kW - On-Peak	\$	- \$	-
8. Per kWh		0.00944 \$	1,416.00
Transmission			
9. Per kW	\$	1.27 \$	635.00
10. Per kWh	\$	0.00063 \$	94.50
11. Conservation	\$	0.00230 \$	345.00
12. Commodity	\$	0.05500 \$	8,250.00
13. Delivery	\$	0.03226 \$	4,839.35
14. Total	\$	0.08726 \$	13,089.35

Revenue Loss for 10% Load Loss (50 kW, 15,000 kWh)

Delivery			
15. Per kW - On-Peak	\$	1.56 \$	78.00
16. Per kWh	\$	0.01101 \$	165.15
17. High Voltage Demand Credit (Pri)	\$	(0.37) \$	(18.50)
18. High Voltage Metering Credit		1% \$	(2.43)
Transition (CTC)			
19. Per kW	\$	- \$	-
20. Per kWh	\$	0.00944 \$	141.60
21. High Voltage Metering Credit		1% \$	(1.42)
22. Total Revenue Loss		\$	362.40
23. Total Revenue Loss per kWh		\$	0.02416
24. Pct of Revenue Loss			2.8%

**The Narragansett Electric Company
Typical Bill Analysis**

Rate G-62 - 3000kW Demand Rate
Prices in effect July 1, 2003

50,000 kW, 300 Hours Use
15,000,000 kWh Bill

		Rate	Amount
1. Generation (Standard Offer)	\$	0.05500	\$ 825,000.00
Delivery			
2. Per Customer	\$	17,118.72	\$ 17,118.72
3. Per kW - On Peak	\$	0.75	\$ 37,500.00
4. Per kWh	\$	0.00396	\$ 59,400.00
5. High Voltage Demand Credit (115kV)	\$	(2.78)	\$ (112,878.53)
6. High Voltage Metering Credit		1%	\$ (11,940.69)
Transition (CTC)			
7. Per kW - On-Peak	\$	-	\$ -
8. Per kWh		0.00944	\$ 141,600.00
Transmission			
9. Per kW	\$	1.39	\$ 69,500.00
10. Per kWh	\$	0.00063	\$ 9,450.00
11. Conservation	\$	0.00230	\$ 34,500.00
12. Commodity	\$	0.05500	\$ 825,000.00
13. Delivery	\$	0.01628	\$ 244,249.50
14. Total	\$	0.07128	\$ 1,069,249.50

Revenue Loss for 10% Load Loss (5,000 kW, 1,500,000 kWh)

Delivery			
15. Per kW - On-Peak	\$	0.75	\$ 3,750.00
16. Per kWh	\$	0.00396	\$ 5,940.00
17. High Voltage Demand Credit (115kV)	\$	(2.78)	\$ (9,593.10)
18. High Voltage Metering Credit		1%	\$ (96.90)
Transition (CTC)			
19. Per kW	\$	-	\$ -
20. Per kWh	\$	0.00944	\$ 14,160.00
21. High Voltage Metering Credit		1%	\$ (141.60)
22. Total Revenue Loss			\$ 14,018.40
23. Total Revenue Loss per kWh			\$ 0.00935
24. Pct of Revenue Loss			1.3%

ATTACHMENT 3
SCHEDULE 2

Other National Grid Companies' Typical Bills
Granite State Electric Company

**Granite State Electric Company
Typical Bill Analysis**

Rate D - Residential
Prices in effect July 1, 2003

500 kWh Bill		Rate		Amount
1. Generation (Transition Charge)	\$	0.04929	\$	24.65
Delivery				
2. Per Customer	\$	4.72	\$	4.72
3. Per kWh - 1st 250 kWh	\$	0.01830	\$	4.58
Per kWh - in excess of 250 kWh	\$	0.04672	\$	11.68
Stranded Cost (CTC)				
4. Per kWh	\$	0.00660	\$	3.30
5. Transmission	\$	0.00570	\$	2.85
6. System Benefits Chg	\$	0.00300	\$	1.50
7. C&LM Refund	\$	-	\$	-
8. Electric Service Adj	\$	0.00055	\$	0.28
9. Commodity	\$	0.04930	\$	24.65
10. Delivery	\$	0.05782	\$	28.91
11. Total	\$	0.10712	\$	<u>53.56</u>

Revenue Loss for 10% Load Loss (50 kWh)

Delivery				
12. Per kWh	\$	0.04672	\$	2.34
Stranded Cost (CTC)				
13. Per kWh	\$	0.00660	\$	0.33
14. Total Revenue Loss			\$	2.67
15. Total Revenue Loss per kWh			\$	0.05340
16. Pct of Revenue Loss				5.0%

**Granite State Electric Company
Typical Bill Analysis**

Rate G-2 Long Hour Service Rate
Prices in effect July 1, 2003

40 kW, 350 Hours Use
14,000 kWh Bill

		Rate	Amount
Generation (Standard Offer)	\$	0.05594 \$	783.16
Delivery			
Per Customer	\$	26.87 \$	26.87
Per kW	\$	4.86 \$	194.40
Per kWh	\$	0.00092 \$	12.88
Stranded Cost (CTC)			
Per kW	\$	- \$	-
Per kWh	\$	0.00660 \$	92.40
Transmission	\$	0.00596 \$	83.44
System Benefits Chg	\$	0.00300 \$	42.00
C&LM Refund	\$	- \$	-
Electric Service Adj	\$	0.00055 \$	7.70
Commodity	\$	0.05594 \$	783.16
Delivery	\$	0.03284 \$	459.69
Total	\$	0.08878 \$	1,242.85

Revenue Loss for 10% Load Loss (4 kW, 1,400 kWh)

Delivery			
Per kW	\$	4.86 \$	19.44
Per kWh	\$	0.00092 \$	1.29
Stranded Cost (CTC)			
Per kW	\$	- \$	-
Per kWh	\$	0.00660 \$	9.24
Total Revenue Loss		\$	29.97
Total Revenue Loss per kWh		\$	0.02141
Pct of Revenue Loss			2.4%

**Granite State Electric Company
Typical Bill Analysis**

Rate G-1 - General Service Time-of-Use
Prices in effect July 1, 2003

500 kW, 300 Hours Use
150,000 kWh Bill

		Rate	Amount
1. Generation (Standard Offer)	\$	0.05784 \$	8,676.00
Delivery			
2. Per Customer	\$	100.34 \$	100.34
3. Per kW - On Peak	\$	4.39 \$	2,195.00
4. Per kWh - On-Peak	\$	0.00203 \$	143.12
5. Per kWh - Off-Peak	\$	0.00057 \$	45.32
6. High Voltage Demand Credit (Pri)	\$	(0.30) \$	(150.00)
7. High Voltage Metering Credit		1% \$	(134.95)
Stranded Cost(CTC)			
8. Per kW - On-Peak	\$	- \$	-
9. Per kWh		0.0066 \$	990.00
10. Transmission	\$	0.00542 \$	813.00
11. System Benefits Chg	\$	0.00300 \$	450.00
12. C&LM Refund	\$	- \$	-
13. Electric Service Adj	\$	0.00055 \$	82.50
14. Commodity	\$	0.05784 \$	8,676.00
15. Delivery	\$	0.03023 \$	4,534.33
16. Total	\$	0.08807 \$	13,210.33

Revenue Loss for 10% Load Loss (50 kW, 15,000 kWh)

Delivery			
17. Per kW - On-Peak	\$	4.39 \$	219.50
18. Per kWh - On-Peak	\$	0.00203 \$	14.31
19. Per kWh - Off-Peak	\$	0.00057 \$	4.53
20. High Voltage Demand Credit (Pri)	\$	(0.30) \$	(15.00)
21. High Voltage Metering Credit		1% \$	(2.38)
Stranded Cost(CTC)			
22. Per kW	\$	- \$	-
23. Per kWh	\$	0.00660 \$	99.00
24. High Voltage Metering Credit		1% \$	(0.99)
25. Total Revenue Loss	\$		318.97
26. Total Revenue Loss per kWh	\$		0.02126
27. Pct of Revenue Loss			2.4%

ATTACHMENT 3
SCHEDULE 3

Other National Grid Companies' Typical Bills
Massachusetts Electric Company

**Massachusetts Electric Company
Typical Bill Analysis**

Rate R-1 - Residential
Prices in effect July 1, 2003

500 kWh Bill		Rate		Amount
1. Generation (Standard Offer)	\$	0.05602	\$	28.01
Delivery				
2. Per Customer	\$	5.81	\$	5.81
3. Per kWh	\$	0.02450	\$	12.25
Transition (CTC)				
4. Per kWh	\$	0.01002	\$	5.01
5. Transmission	\$	0.00660	\$	3.30
6. DSM	\$	0.00250	\$	1.25
7. Renewables	\$	0.00050	\$	0.25
8. Def/SO Service Adjustments	\$	(0.00052)	\$	(0.26)
9. Commodity	\$	0.05602	\$	28.01
10. Delivery	\$	0.05522	\$	27.61
11. Total	\$	0.11124	\$	<u>55.62</u>

Revenue Loss for 10% Load Loss (50 kWh)

Delivery				
12. Per kWh	\$	0.02450	\$	1.23
Transition (CTC)				
13. Per kWh	\$	0.01002	\$	0.50
14. Total Revenue Loss		\$		1.73
15. Total Revenue Loss per kWh		\$		0.03460
16. Pct of Revenue Loss				3.1%

**Massachusetts Electric Company
Typical Bill Analysis**

kW 40
HU 350
kWh 14000
Loss 10%

Rate G-2 General Service Demand
Prices in effect July 1, 2003

40 kW, 350 Hours Use
14,000 kWh Bill

		Rate	Amount
1. Generation (Standard Offer)	\$	0.05602 \$	784.28
Delivery			
2. Per Customer	\$	15.23 \$	15.23
3. Per kW	\$	5.92 \$	236.80
4. Per kWh	\$	0.00086 \$	12.04
Transition (CTC)			
5. Per kW	\$	0.98 \$	39.20
6. Per kWh	\$	0.00734 \$	102.76
7. Transmission	\$	0.00632 \$	88.48
8. DSM	\$	0.00250 \$	35.00
9. Renewables	\$	0.00050 \$	7.00
10. Def/SO Service Adjustments	\$	(0.00052) \$	(7.28)
11. Commodity	\$	0.05602 \$	784.28
12. Delivery	\$	0.03780 \$	529.23
13. Total	\$	0.09382 \$	1,313.51

Revenue Loss for 10% Load Loss (4 kW, 1,400 kWh)

Delivery			
14. Per kW	\$	5.92 \$	23.68
15. Per kWh	\$	0.00086 \$	1.20
Transition (CTC)			
16. Per kW	\$	0.98 \$	3.92
17. Per kWh	\$	0.00734 \$	10.28
18. Total Revenue Loss	\$		39.08
19. Total Revenue Loss per kWh	\$		0.02791
20. Pct of Revenue Loss			3.0%

**Massachusetts Electric Company
Typical Bill Analysis**

Rate G-3 - Time-of-Use
Prices in effect July 1, 2003

50,000 kW, 300 Hours Use
15,000,000 kWh Bill

		Rate	Amount
1. Generation (Standard Offer)	\$	0.05602 \$	840,300.00
Delivery			
2. Per Customer	\$	67.27 \$	67.27
3. Per kW - On Peak	\$	3.63 \$	181,500.00
4. Per kWh - On-Peak	\$	0.01069 \$	75,364.50
5. Per kWh - Off-Peak	\$	- \$	-
6. High Voltage Demand Credit (115kV)	\$	(2.59) \$	(129,500.00)
7. High Voltage Metering Credit		1% \$	(13,826.82)
Transition (CTC)			
8. Per kW - On-Peak	\$	1.65 \$	82,500.00
9. Per kWh		0.00567 \$	85,050.00
10. Transmission	\$	0.00538 \$	80,700.00
11. DSM	\$	0.00250 \$	37,500.00
12. Renewables	\$	0.00050 \$	7,500.00
13. Def/SO Service Adjustments	\$	(0.00052) \$	(7,800.00)
14. Commodity	\$	0.05602 \$	840,300.00
15. Delivery	\$	0.02660 \$	399,054.95
16. Total	\$	0.08262 \$	1,239,354.95

Revenue Loss for 10% Load Loss (5,000 kW, 1,500,000 kWh)

Delivery			
17. Per kW - On-Peak	\$	3.63 \$	18,150.00
18. Per kWh - On-Peak	\$	0.01069 \$	7,536.45
19. Per kWh - Off-Peak	\$	- \$	-
20. High Voltage Demand Credit (115kV)	\$	(2.59) \$	(12,950.00)
21. High Voltage Metering Credit		1% \$	(256.86)
Transition (CTC)			
22. Per kW	\$	1.65 \$	8,250.00
23. Per kWh	\$	0.00567 \$	8,505.00
24. High Voltage Metering Credit		1% \$	(167.55)
25. Total Revenue Loss	\$		29,067.04
26. Total Revenue Loss per kWh	\$		0.01938
27. Pct of Revenue Loss			2.3%

**Massachusetts Electric Company
Typical Bill Analysis**

Rate G-3 - Time-of-Use
Prices in effect July 1, 2003

500 kW, 300 Hours Use
150,000 kWh Bill

		Rate	Amount
1. Generation (Standard Offer)	\$	0.05602 \$	8,403.00
Delivery			
2. Per Customer	\$	67.27 \$	67.27
3. Per kW - On Peak	\$	3.63 \$	1,815.00
4. Per kWh - On-Peak	\$	0.01069 \$	753.65
5. Per kWh - Off-Peak	\$	- \$	-
6. High Voltage Demand Credit (Pri)	\$	(0.45) \$	(225.00)
7. High Voltage Metering Credit		1% \$	(138.93)
Transition (CTC)			
8. Per kW - On-Peak	\$	1.65 \$	825.00
9. Per kWh		0.00567 \$	850.50
10. Transmission	\$	0.00538 \$	807.00
11. DSM	\$	0.00250 \$	375.00
12. Renewables	\$	0.00050 \$	75.00
13. Def/SO Service Adjustments	\$	(0.00052) \$	(78.00)
14. Commodity	\$	0.05602 \$	8,403.00
15. Delivery	\$	0.03418 \$	5,126.49
16. Total	\$	0.09020 \$	13,529.49

Revenue Loss for 10% Load Loss (50 kW, 15,000 kWh)

Delivery			
17. Per kW - On-Peak	\$	3.63 \$	181.50
18. Per kWh - On-Peak	\$	0.01069 \$	75.36
19. Per kWh - Off-Peak	\$	- \$	-
20. High Voltage Demand Credit (Pri)	\$	(0.45) \$	(22.50)
21. High Voltage Metering Credit		1% \$	(2.57)
Transition (CTC)			
22. Per kW	\$	1.65 \$	82.50
23. Per kWh	\$	0.00567 \$	85.05
24. High Voltage Metering Credit		1% \$	(1.68)
25. Total Revenue Loss	\$		397.67
26. Total Revenue Loss per kWh	\$		0.02651
27. Pct of Revenue Loss			2.9%