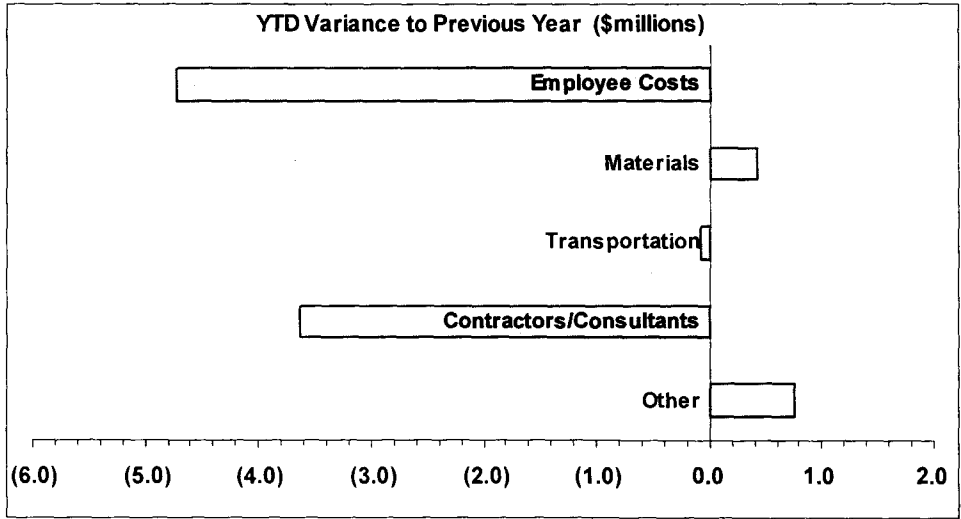
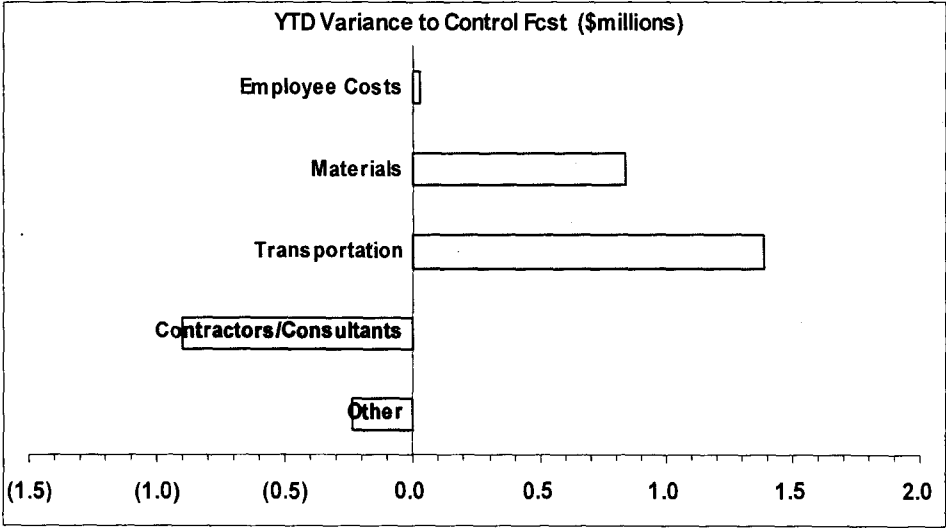
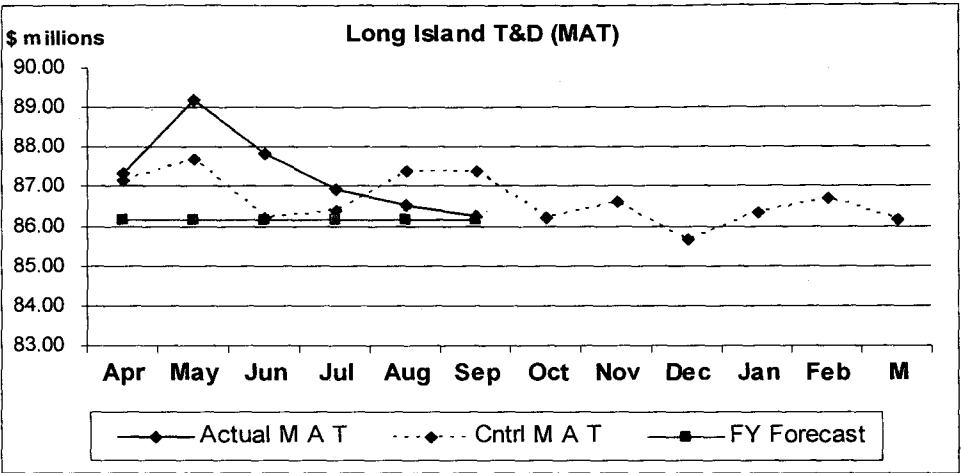
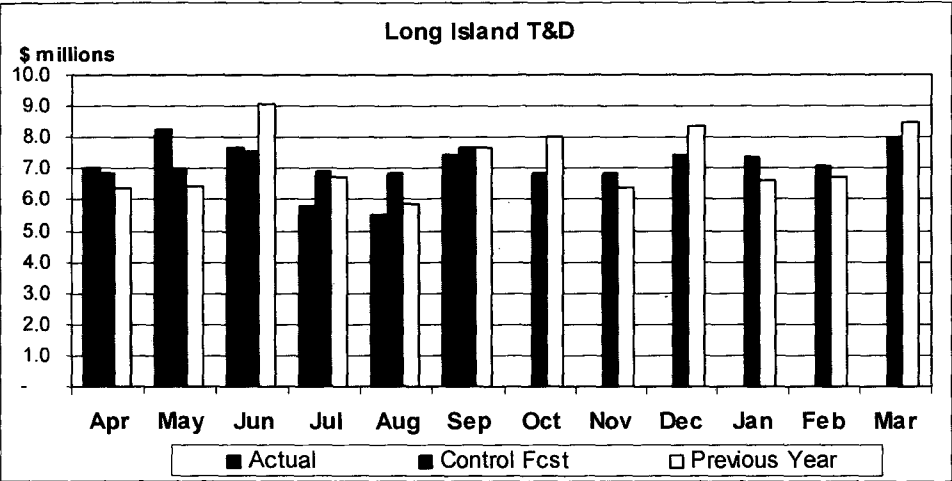


Long Island T&D

September 2009



Long Island T&D

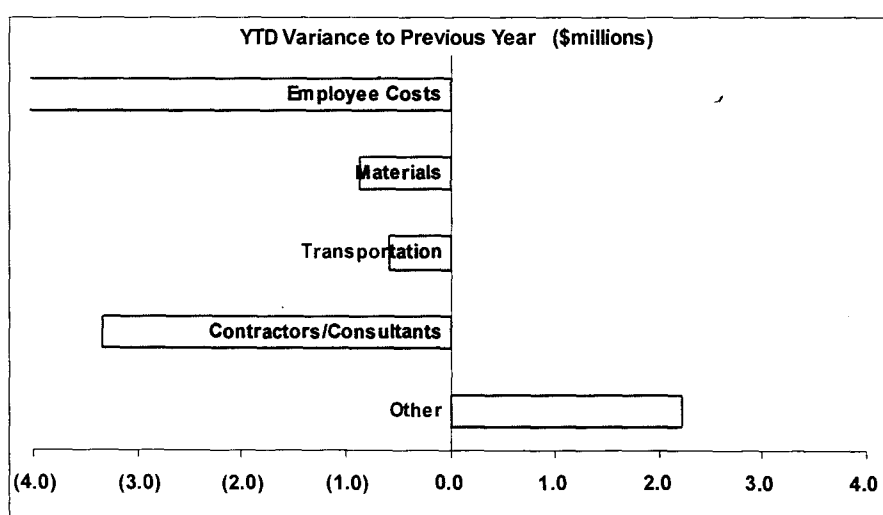
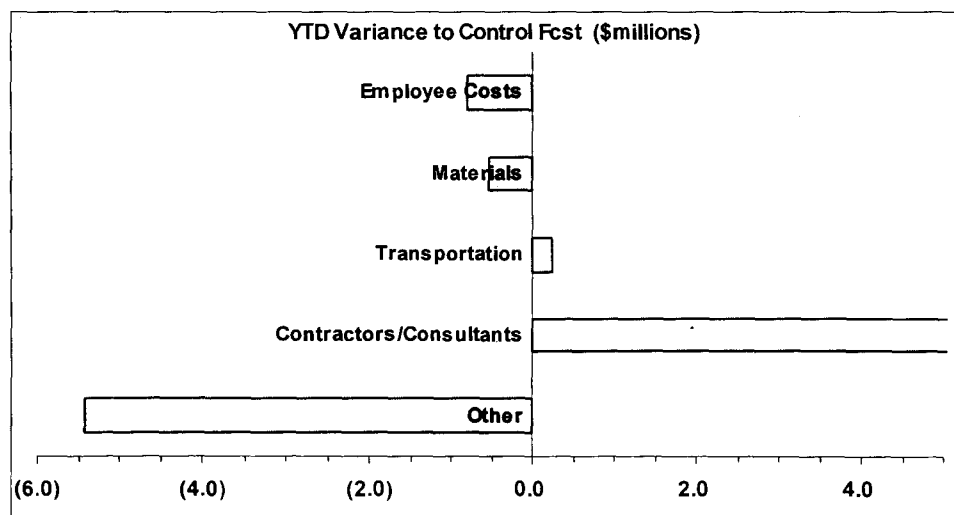
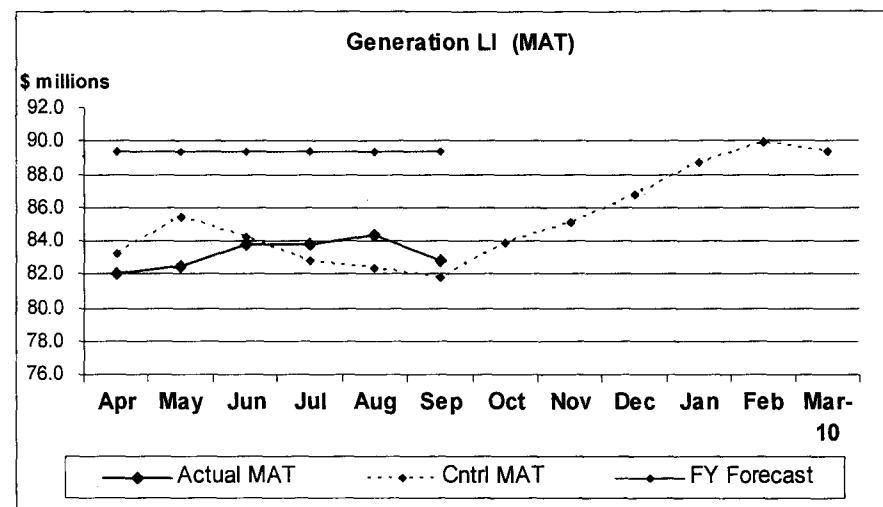
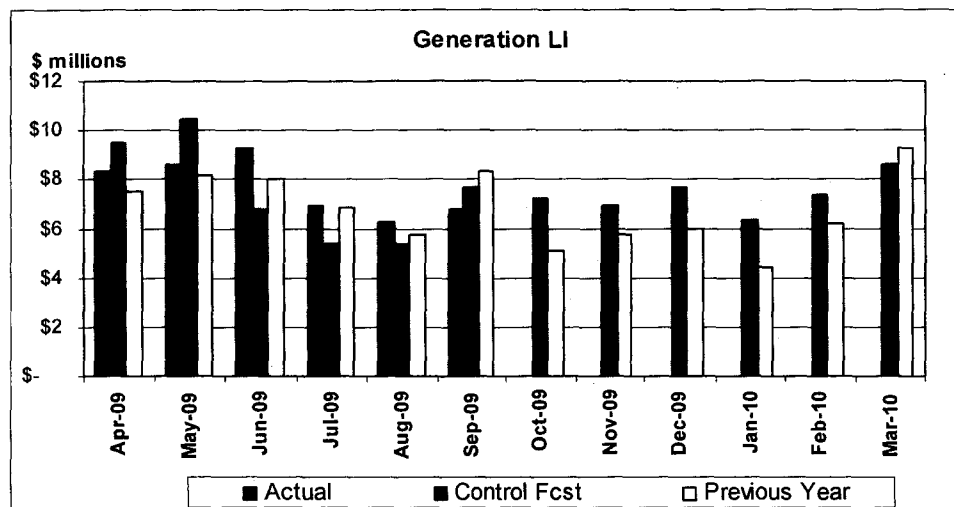
YTD favorability due to LIPA storm receivables

September 2009

Month			Year to Date				Annual				
Actual	Variance to Cntrl Fcst		Actual	Variance to Cntrl Fcst	2008/09		FCST	Prev Fcst	Budget	Cntrl Fcst	2008/09
3.4	0.4		17.5	1.9	(4.2)	\$millions	39.0	0.0	0.1	0.0	(4.8)
0.6	(0.2)		4.2	(2.2)	(1.4)	Base PR incl TNW	4.0	0.0	0.0	0.0	3.4
0.1	0.0		0.4	0.3	0.8	Overtime	1.3	0.0	0.0	0.0	0.4
4.1	0.2		22.1	0.0	(4.7)	Misc Pay & Empl Expense	44.3	0.0	0.1	0.0	(0.9)
0.5	0.1		2.5	0.8	0.4	Employee Costs	6.7	0.0	0.0	0.0	(1.8)
1.6	(0.1)		10.1	(0.9)	(3.6)	Materials	19.0	0.0	0.0	0.0	1.9
0.3	0.4		3.4	1.4	(0.1)	Consultant/Contractor	9.5	0.0	0.0	0.0	(1.2)
0.9	(0.4)		3.6	(0.2)	0.8	Transportation	6.7	0.0	1.1	0.0	2.5
7.4	0.3		41.6	1.1	(7.3)	Other	86.2	0.0	1.2	0.0	0.5
						Total O&M Costs					
Allocation By Segment											
7.0	0.5		40.3	1.2	(7.0)	Distribution	83.8	0.0	1.2	0.0	0.4
0.3	(0.2)		0.4	(0.2)	(0.3)	Gas	0.5	0.0	0.0	0.0	(0.2)
0.1	0.0		0.9	0.0	0.0	Generation	1.8	0.0	0.0	0.0	(0.2)
0.0	0.0		0.0	(0.0)	(0.0)	Transmission	0.0	0.0	0.0	0.0	0.0
0.0	0.0		0.0	0.0	0.0	Other	0.0	0.0	0.0	0.0	0.5
7.4	0.3		41.6	1.1	(7.3)	Total	86.2	0.0	1.2	0.0	0.5
Allocation By Work											
1.4	0.1		8.8	(0.5)		LI Construction Delivery	16.6	0.0	0.1	0.0	
0.2	0.1		1.0	0.7		LI Distrib Support	3.4	0.0	0.0	0.0	
1.2	0.1		6.7	0.3		LI Elec Lines	14.1	0.0	0.1	0.0	
0.1	(0.1)		0.5	(0.5)		LI Elec Plan Ops	0.0	0.0	0.0	0.0	
0.1	(0.1)		0.3	(0.1)		LI Investmt Mgmt	0.3	0.0	0.0	0.0	
0.3	(0.1)		0.9	0.2		LI Network Strat Eng	2.2	0.0	0.0	0.0	
0.0	0.2		0.1	0.7		LI VP Network Strategy	1.7	0.0	0.0	0.0	
0.0	(0.0)		0.1	0.0		LI Program Mgmt	0.3	0.0	0.0	0.0	
1.5	(0.1)		8.2	(0.5)		LI Sub Prot Tele	15.6	0.0	0.0	0.0	
2.5	0.3		14.5	1.0		LI System Ops	31.4	0.0	1.0	0.0	
0.1	(0.0)		0.5	(0.3)		LI VP T&D Management	0.4	0.0	0.0	0.0	
0.0	0.0		0.0	0.0		LI-Dist Stand&Work Methods	0.0	0.0	0.0	0.0	
7.4	0.3		41.6	1.1	n/a	Total	86.2	0.0	1.2	0.0	n/a

Continuing Generation

September 2009



Continuing Generation

YTD overspending due to timing & modifications to outage schedule;
also costs associated with repairs to EF Barrett GT & Holtsville sites

September 2009

Month		Year to Date				Annual				
Actual	Variance to	Actual	Variance to			FCST	Prev Fcst	Variance to		
	Cntrl Fcst		Cntrl Fcst	2008/09				Budget	Cntrl Fcst	2008/09
4.7	(0.0)	23.3	0.9	(6.5)	Base PR incl TNW	48.9	0.0	1.0	0.0	(7.8)
0.6	(0.1)	3.6	(1.2)	(0.5)	Overtime	4.5	0.0	0.0	0.0	1.9
0.1	(0.1)	0.4	(0.4)	(0.3)	Misc Pay & Empl Expense	(0.0)	0.0	0.0	0.0	0.3
5.3	(0.2)	27.3	(0.8)	(7.3)	Net Employee Costs	53.4	0.0	1.0	0.0	(5.6)
(0.1)	0.7	6.6	(0.5)	(0.9)	Materials	13.3	0.0	0.0	0.0	(4.7)
0.3	0.5	6.1	5.5	(3.3)	Consultant/Contractor	21.0	0.0	0.0	0.0	(15.6)
0.1	0.1	0.6	0.2	(0.6)	Transportation	1.7	0.0	0.0	0.0	(1.7)
1.2	(0.2)	5.7	(5.4)	2.2	Other	(0.0)	0.0	0.3	0.0	19.5
6.8	0.9	46.2	(1.0)	(9.9)	Total O&M Costs	89.3	0.0	1.3	0.0	(8.1)
Allocation By Segment										
0.2	(0.0)	1.0	(0.1)	(0.2)	Distribution	1.7	0.0	0.0	0.0	0.1
0.0	(0.0)	0.1	(0.1)	0.2	Gas	0.1	0.0	(0.0)	0.0	0.3
6.6	0.9	45.1	(0.9)	(9.9)	Generation	87.5	0.0	1.3	0.0	(8.5)
0.0	(0.0)	0.0	0.0	0.0	Other	0.0	0.0	0.0	0.0	0.0
6.8	0.9	46.2	(1.0)	(9.9)	Total	89.3	0.0	1.3	0.0	(8.1)

Niagara Mohawk Inspection Maintenance

September 2009

NY INSPECTION MAINTENANCE SUMMARY		NY Central	NY East	NY West	Total
FY10 Budget - Based on MAT as of June 2008 (Normal Ops O&M)		1,516,052	1,836,235	1,531,463	4,883,751
FY10 Forecasted Cap Related O&M Funding - To be confirmed with Mary Fuller		1,377,052	1,594,272	994,375	3,965,699
Total FY10 Funding		2,893,104	3,430,508	2,525,838	8,849,450
<u>FY10 YTD Actuals by Project</u>					
E02588	Touch Potential Tests & Insp		104,875		104,875
E07209	FH - NE D-Line Work Found by Insp	615	1,590,290		1,590,905
E07210	FH - NC D-Line Work Found by Insp	1,416,811	2		1,416,813
E07211	FH - NW D-Line Work Found by Insp	1,567		1,240,254	1,241,821
E07212	FH - NE UG Work Found by Insp		28,450		28,450
E07213	FH - NC UG Work Found by Insp	13,552			13,552
E07214	FH - NW UG Work Found by Insp			47,421	47,421
E07216	FH - NC SubT Work Found by Insp	2,764			2,764
E07309	NY Inspection Project Forecast	3,209	8,202	794	12,204
ENC008	Cent NY - Dist - PM - B Maint	37,299			37,299
ENE008	East NY - Dist - PM - B Maint		18,136		18,136
Total FY10 - As of September 30, 2009		1,475,817	1,749,955	1,288,469	4,514,241
<u>FY10 YTD Actuals by Expense Type</u>					
110	Contractors	738,827	962,568	472,971	2,174,366
200	Employee Expenses	827	1,824	3,957	6,608
400	Other		240	1,195	1,435
A70	Sales Tax	9,305	12,015	14,904	36,224
M10	Materials Outside Vendor		2,330	1,981	4,311
M20	Materials From Inventory	133,935	172,286	196,697	502,918
M50	Materials Stores Handling	21,364	26,376	31,542	79,282
P10	Regular Pay Weekly	360,372	379,166	375,781	1,115,318
P20	Base OT Pay Weekly	24,779	22,831	18,930	66,539
P21	Incremental OT Pay Weekly	13,159	11,644	10,667	35,469
P50	Time Not Worked	70,052	72,352	71,004	213,409
T10	Transportation	103,198	86,323	88,842	278,362
Total FY10 - As of September 30, 2009		1,475,817	1,749,955	1,288,469	4,514,241
Available Funding through September 30, 2009		1,446,552	1,715,254	1,262,919	4,424,725
Total FY10 as of Sept 30, 2009 (as shown above)		1,475,817	1,749,955	1,288,469	4,514,241
YTD Variance - (Over) \ Under		(29,265)	(34,701)	(25,550)	(89,516)

FTEs

	September 2009 Actual					September 2009 - Budget					Actual (Over)/Under Budget				
	Dist	Tran	Gen	Gas	Total	Dist	Tran	Gen	Gas	Total	Dist	Tran	Gen	Gas	Total
COO Exec															
Non Represented	7	0	0	0	7	8	0	0	0	8	1	0	0	0	1
Represented	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	7	0	0	0	7	8	0	0	0	8	1	0	0	0	1
Network Strategy															
Non Represented	265	81	0	0	346	297	47	2	0	346	32	(34)	2	0	0
Represented	273	29	0	0	302	226	1	0	0	227	(47)	(28)	0	0	(75)
Total	538	110	0	0	648	523	47	2	0	573	(15)	(63)	2	0	(75)
Program Management															
Non Represented	17	1	0	0	18	20	0	0	0	20	3	(1)	0	0	2
Represented	0	0	0	0	0	1	0	0	0	1	1	0	0	0	1
Total	17	1	0	0	18	21	0	0	0	21	4	(1)	0	0	3
Operations - Legacy Grid															
Non Represented	365	98	0	0	463	354	110	0	0	464	(11)	12	0	0	1
Represented	1,971	237	0	3	2,212	1,957	258	0	4	2,220	(14)	21	0	1	8
Total	2,336	336	0	4	2,675	2,311	368	0	5	2,684	(25)	33	0	1	9
Operations - LI T&D															
Non Represented	336	0	0	0	336	346	0	0	0	346	10	0	0	0	10
Represented	743	0	0	0	743	799	0	0	0	799	56	0	0	0	56
Total	1,079	0	0	0	1,079	1,145	0	0	0	1,145	66	0	0	0	66
Construction Delivery															
Non Represented	116	4	0	0	120	124	4	0	0	128	9	(1)	(0)	0	8
Represented	85	7	0	0	92	46	5	0	0	51	(39)	(2)	0	0	(41)
Total	201	11	0	0	212	170	9	0	0	179	(31)	(2)	(0)	0	(33)
Distribution Support															
Non Represented	224	3	0	0	227	239	4	2	7	253	14	2	2	7	26
Represented	185	1	0	0	186	127	5	0	2	134	(58)	4	0	2	(52)
Total	409	4	0	0	413	366	10	2	9	387	(43)	6	2	9	(26)
Operations Performance															
Non Represented	16	0	0	0	16	22	0	0	0	22	6	0	0	0	6
Represented	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	16	0	0	0	16	22	0	0	0	22	6	0	0	0	6
Generation															
Non Represented	0	0	199	0	199	0	0	218	0	218	0	0	19	0	19
Represented	0	0	499	0	499	0	0	529	0	529	0	0	30	0	30
Total	0	0	698	0	698	0	0	747	0	747	0	0	49	0	49
Total All Functions															
Non Represented	1,346	187	199	0	1,732	1,411	164	222	8	1,805	65	(23)	23	8	73
Represented	3,257	274	499	3	4,034	3,156	269	529	6	3,961	(101)	(5)	30	3	(73)
Total	4,603	461	698	4	5,766	4,567	434	751	15	5,766	(36)	(28)	53	11	0

Pending FTE Adjustments:

Distribution Support	Lab & Testing outsourcing has been limited to 5 position form 48 in original business case	43
All	Temps included above (13 Cust Ops, 5 Gen Ops, 5 LI T&D, 16 Network Strategy, 2 Ops Performance, 1 Distribution Support & 1 Construction Delivery	43
Long Island T&D	Increase FTE budget by 2. Increase comes form the Transformation team	

Adjusted FTE Favorability	86
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Commentary

Customer Operations: Transmission "actual" normal O&M labor is on budget YTD September. Any Tran FTE favorability would pertain to capital work

Network Strategy: Budgeted FTE's will increase by 42 positions in October. This includes 12 for Distribution & 30 for Transmission.
Cheri Warren included in NS currently on assignment in UK
Lou debrino included in NS, but falls under David Pretyman's group

nationalgrid
The power of action.

Electric Distribution and Generation Operations – Capex detail

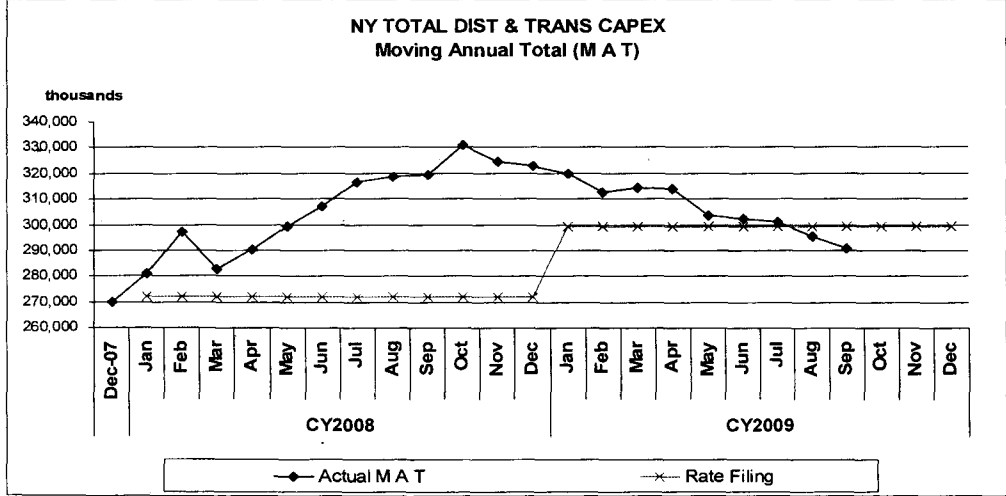
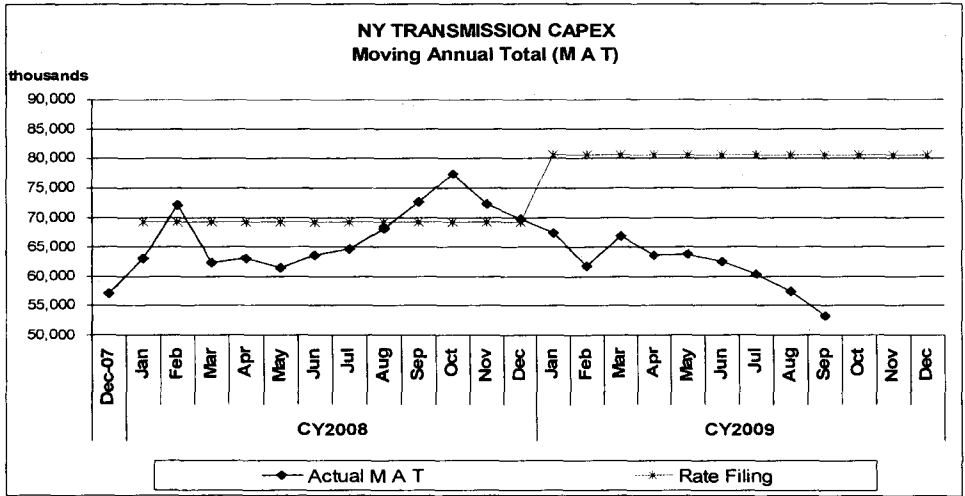
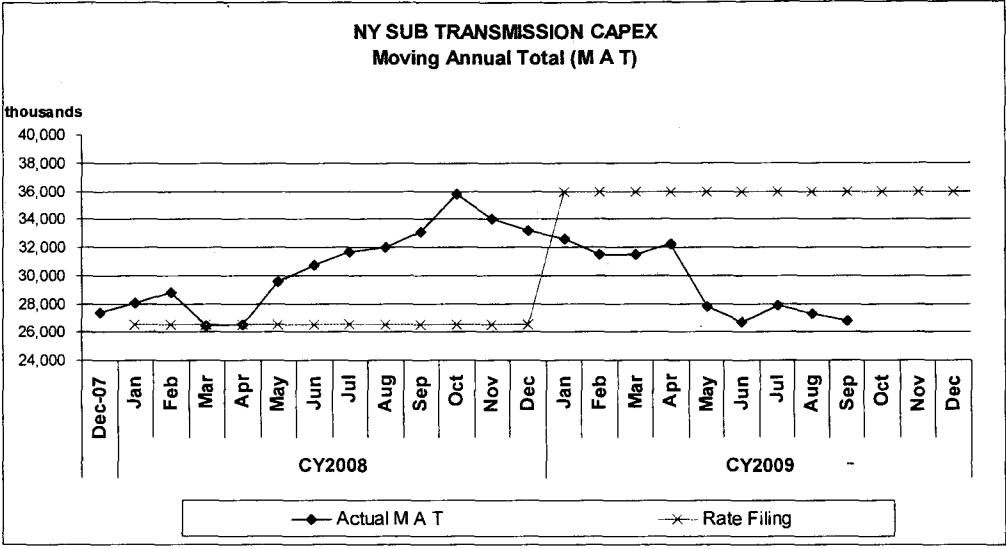
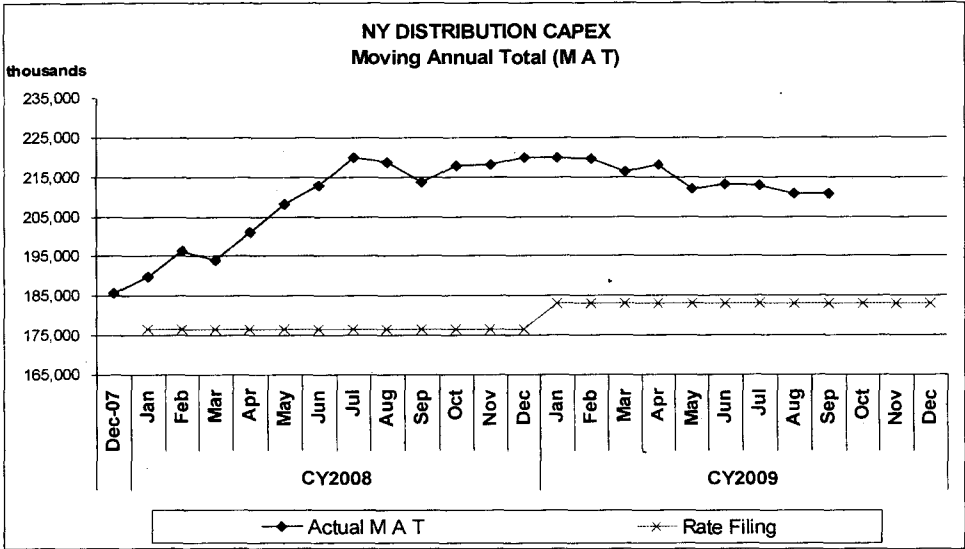


For the period ending September 30, 2009

nationalgrid
The power of action.

Results against \$1.47b NY Commitment

Total T&D Commitment for CY 2009 is \$300m. Calendar year to date spend is \$216m, or 72% of total commitment. Cumulative surplus as of September 2009 is \$59m.



System Total – Capex, Related Opex and Removal

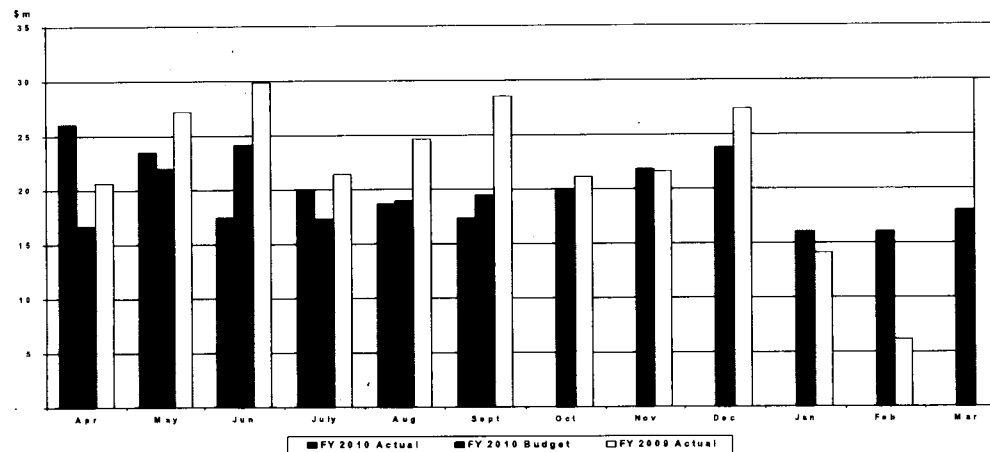
Legacy Grid US GAAP – September 09

\$m	Year to Date - Actual					Year to Date - Variance					Annual Forecast					Forecast Variance to Budget				
	Capex		Opex		Removal	Capex		Opex		Removal	Capex		Opex		Removal	Capex		Opex		Removal
	\$	\$	\$	%	\$	\$	\$	\$	%	\$	\$	\$	\$	%	\$	\$	\$	\$	%	\$
Distribution Line																				
Line Specifics	31.3	3.3	10.4%	2.9	9.4%	16.4	0.5	-2.7%	2.2	1.3%	82.8	7.2	8.7%	6.7	8.1%	14.5	0.3	-1.0%	3.7	2.6%
Infrastructure-Line	30.8	2.5	8.2%	3.4	11.0%	(3.0)	(0.3)	-0.3%	0.1	1.6%	52.3	4.2	8.0%	6.0	11.5%	4.5	0.3	-0.1%	1.1	1.1%
Feeder Hardening/I&M	14.1	3.1	21.8%	1.8	12.5%	9.6	4.9	11.4%	1.8	2.5%	44.1	10.1	22.9%	5.3	12.0%	4.2	5.9	10.3%	1.9	2.9%
Total REP	44.9	5.6	12.4%	5.2	11.5%	6.5	4.7	7.1%	1.9	2.2%	96.4	14.3	14.8%	11.3	11.7%	8.6	6.2	4.7%	3.0	1.9%
Mandatory Blankets	64.8	6.3	9.8%	8.1	12.5%	3.5	(1.2)	-2.4%	(0.2)	-0.9%	133.5	15.2	11.4%	16.7	12.5%	5.8	(4.9)	-4.0%	(0.6)	-0.9%
Non-Mandatory Blankets	17.7	2.4	13.4%	3.1	17.7%	(2.0)	(0.5)	-1.4%	(1.5)	-7.5%	31.4	3.9	12.4%	5.2	16.6%	0.8	(0.1)	-0.5%	(1.9)	-6.4%
Xfmr/Meter Purchases	22.3	0.0	0.0%	0.1	0.4%	3.4	(0.0)	0.0%	(0.1)	-0.4%	52.3	0.0	0.0%	0.1	0.2%	0.0	0.0	0.0%	(0.1)	-0.2%
Storm Costs	1.6	0.4	28.0%	0.2	10.5%	0.1	(0.2)	-14.8%	0.0	1.1%	3.9	0.9	23.1%	0.4	10.3%	(0.4)	(0.4)	-9.8%	0.0	1.3%
Total Dist. Line	182.6	18.0	9.9%	19.6	10.7%	27.9	3.3	0.0%	2.3	-0.3%	400.2	41.5	10.4%	40.4	10.1%	29.4	1.1	-0.5%	4.2	0.3%
Distribution Substation																				
Substation Specifics	22.6	0.3	1.3%	0.7	2.9%	7.0	0.3	0.6%	0.5	1.1%	67.7	0.9	1.3%	2.0	3.0%	(7.3)	0.3	0.6%	0.4	1.0%
Blankets	2.8	0.5	16.9%	0.2	5.8%	(1.4)	(0.4)	-10.1%	(0.0)	3.0%	3.2	0.3	9.3%	0.2	6.2%	(0.4)	(0.1)	-2.4%	0.1	2.6%
Infrastructure Sub	10.3	0.0	0.4%	0.5	5.2%	4.7	0.2	1.3%	0.9	4.4%	22.9	0.1	0.4%	1.5	6.5%	7.7	0.4	1.2%	1.5	3.1%
Total Dist. Substation	35.7	0.8	2.3%	1.4	3.8%	10.3	0.1	-0.3%	1.4	2.2%	93.9	1.3	1.4%	3.7	3.9%	0.0	0.6	0.6%	1.9	2.0%
Total Other (Incl. Allow. For Sch.Chg.)	(0.1)	1.0	-705.8%	0.0	-20.1%	1.7	(0.9)	708.4%	(0.0)	20.8%	5.9	2.9	49.2%	0.0	0.0%	(2.8)	(2.8)	-46.5%	0.0	0.7%
Total Dist before PY Adj.	218.1	19.8		21.0		39.9	2.5		3.6		500.0	45.7		44.1		26.6	(1.1)		6.1	
Prior Years Adjustments	(7.9)	5.7	-72.5%	(0.6)	7.2%	7.9	(5.7)		0.6		(3.7)	(0.5)	14.3%	0.0	-0.1%	3.7	0.5		(0.0)	
Total Distribution	210.2	25.5	12.2%	20.4	9.7%	47.8	(3.3)	-3.7%	4.2	-0.2%	496.3	45.2	9.1%	44.1	8.9%	30.2	(0.6)	-0.6%	6.1	0.6%
EDO Functions		17.2					3.9					43.1					(0.8)			
Storm Costs (incl PY Adj)		(0.1)					0.3					0.4					0.1			
Non-EDO Functions		2.1					(1.2)					1.7					0.1			
Total		19.3					3.0					45.2					(0.6)			
TxD																				
Line	10.0	0.5	4.7%	2.1	20.9%	3.9	0.1		(0.4)		34.8	1.7	4.9%	7.7	22.1%	(6.4)	(0.6)		(4.2)	
Substation	6.5	0.2	3.2%	0.2	2.3%	3.0	(0.1)		0.9		12.9	0.4	3.1%	0.3	2.3%	6.4	(0.1)		1.9	
Total TxD	16.5	0.7	4.1%	2.3	13.6%	6.9	(0.0)		0.5		47.7	2.1	4.4%	8.0	16.8%	0.0	(0.8)		(2.3)	

LIPA Capital

September 2009

Month		Year to Date			\$m	Annual		
Actual	Var	Actual	Variance to			Fcst	Variance to	
			Budget	Prior Year			Budget	Prior Year
1	(0)	5	(1)	4	Transmission Interconnections - New Power Plants	9	(2)	5
0	(0)	0	(0)	10	Transmission Interconnections - NUSCO	0	(0)	19
1	0	6	(1)	3	Nassau Substations and Lines	10	(1)	8
1	0	6	1	(0)	Western Suffolk Substations and Lines	14	(1)	(3)
2	1	16	3	7	Eastern Suffolk Substations and Lines	35	3	4
1	1	4	3	2	Other Transmission	11	1	(2)
4	(1)	27	(9)	(10)	New Load	39	(3)	(12)
1	1	9	2	1	New Business	21	1	(1)
1	(0)	8	(2)	(2)	Reliability	13	(0)	4
1	(0)	10	(2)	1	Replacements	17	(1)	6
0	1	3	3	(1)	Storm Hardening	11	2	(3)
1	0	7	(1)	(2)	Substation Blankets	13	(0)	(2)
0	0	3	(0)	(0)	Public Works	5	(0)	0
0	0	1	0	1	Damage to Property	3	0	2
2	0	15	(1)	16	Transformers and Meters	26	1	16
0	0	3	(0)	(0)	All Other	7	(1)	(4)
17	2	123	(4)	29	Total LIPA Capital & Removal	234	0	39

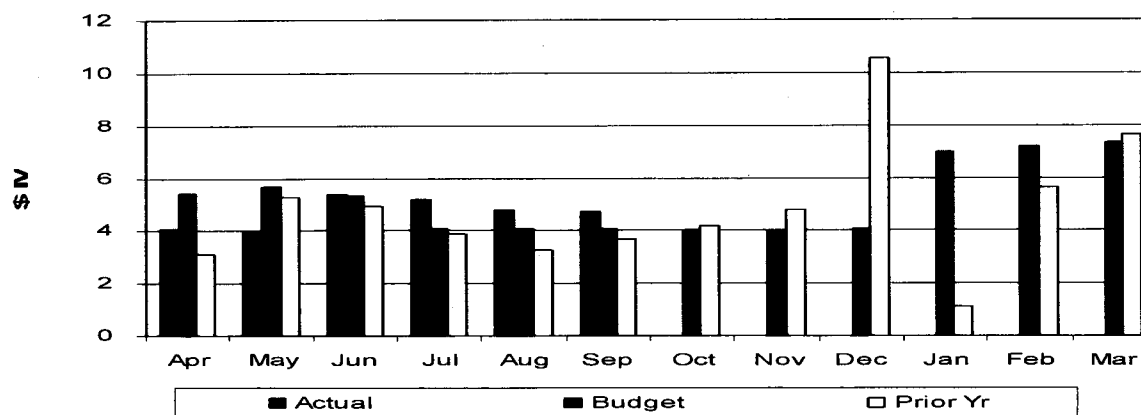


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Generation Capital

September 2009

Month		Year to Date			\$m	Annual			
Actual	Var to Budget	Actual	Variance to Budget	2008/09		Sep Fcst	Prior Fcst	Sep Fcst Variance to Jun QPR	Budget
0	(0)	4	(0)	(2)	EF Barrett	5	0	0	0
0	(0)	0	0	0	Far Rockaway	1	0	0	0
0	0	0	0	(0)	Glenwood	1	0	0	0
1	(0)	5	(1)	4	Port Jefferson	11	-1	-1	-1
2	0	15	(0)	(5)	Northport	37	-1	-1	-1
1	(0)	5	2	(1)	Combustion turbines	7	3	3	2
0	(0)	0	0	(0)	Other Generation	1	0	0	0
5	(1)	29	1	(4)	Subtotal Generation	64	1	1	1
0	0	0	0	(0)	Facilities	0	0	0	0
0	0	0	1	(0)	IS	1	1	1	1
0	(0)	0	(0)	(0)	Other Allocated	0	0	0	0
5	(1)	29	2	(5)	Total Generation Investment GAAP	66	2	2	2
(0)	(0)	(1)	(2)	0	IFRS	(4)	-1	-1	-3
5	(1)	28	1	(5)	Total Generation Investment IFRS	62	1	1	-1



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Date of Request 7/16/10
Due Date 7/26/10

Request No. DPS-598 (RAV-149)____
IBEW Req. No. _____

Case No.10-E-0050 - Niagara Mohawk Power Corporation d/b/a National Grid
Electric Rates

Request for Information

FROM: Robert Visalli

TO: Theodore Skerpon

Request:

- A. With reference to the Memorandum of Agreement between Niagara Mohawk Power Corporation and Local Union 97 of the IBEW for the extension of the labor agreement for the period April 1, 2008 through March 31, 2011, please provide any terms that specifically discuss IBEW's involvement and role in any Niagara Mohawk rate cases filed during the period of time covered by the extension.
- B. Same as A. for any agreed upon contract extensions beyond March 31, 2011.

Response:

- A. The terms that specifically discuss IBEW's involvement and role in any Niagara Mohawk rate cases filed during the period of time covered by the extension appear in Section VII of the Memorandum of Agreement between Niagara Mohawk Power Corporation and Local Union 97 and that Section is provided below.

VII. RATE CASES AND RELATED MATTERS

Upon execution of this Memorandum of Agreement, the Union's Officer's and Executive Board members will take supportive positions relative to the Company's rate cases before the State of New York Public Service Commission and neither the Union, its officers nor the Executive Board Members will take any actions or make any statements in opposition to rate cases in any forum, in any way or by any means. In addition, the Union agrees to support local matters pertaining to the Company's business that are of mutual interest.

It should be noted that while the above agreement requires the Union's Officer's and Executive Board Members to take supportive positions relative to the Company's rate cases before the State of New York Public Service Commission, it does not require these individuals to file testimony on the Company's behalf. Mr. Skerpon filed testimony in this case because he believes that the amounts included in the Company's revenue requirements request are integral to maintaining and continuing the improvement of operation, safety and reliability of the Company's electric system in upstate New York based on the reasons set forth in his direct

testimony. An additional reason for his conclusion includes an initiative that Local 97 had agreed to in 2007 that involved the agreement by which new hires in the Customer Service Department would start at substantially lower wage rates than their comparable counterparts, thus providing ratepayers with more service at lower cost. These lower rates for new hires in the Customers Service Department are embedded in the represented salary levels used by the Company in this proceeding and provide further evidence of the reasonableness of the labor expenses requested by the Company in this case.

- B. The three year extension of the Existing Agreement that is effective from March 31, 2011 through March 31, 2014 states that:

The terms of the Existing Agreement shall remain in effect for the duration of the extension except as amended below.

There is no reference to terms in the amended articles that appear below that statement, that specifically discuss IBEW's involvement and role in any Niagara Mohawk rate cases filed during the period of time covered by the most recent extension.

Name of Respondent: Theodore Skerpon

Date of Reply: July 23, 2010

Date of Request: July 28, 2010
Due Date: August 9, 2010

Request No. AAE-55
NMPC Req. No. NM 963 DPS-602

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Allison Esposito

TO: Revenue Requirement Panel

Request:

1. Please provide the amount of expenses, by cost component, for the security department at the Syracuse Office Complex (SOC) in the HTY. For labor costs, please provide the amounts by employee position included in the charges.
2. Please explain how the costs in #1, above, are allocated to affiliates other than NMPC. To the extent that these costs are not allocated to National Grid and are instead absorbed fully by NMPC, please explain why. Additionally, if the Commission were to rule that the portion of the rate year **security department costs** for areas in the SOC where services are performed for affiliates other than NMPC should be allocated to those affiliates, what is the proper adjustment amount? Include supporting calculations and explain how the amounts were derived.
3. The Company's response to IR AAE-53 shows total payroll for the position of Janitor AA at NY Facilities of \$229,007. Please state how many employees are included in this category.

Response:

1. Please see Attachment 1 to this response for the amount of historic test year expenses by expense type for the security department at the SOC. For labor costs, all employees held the position of Plant Guard C.
2. **The costs in Part 1 above were erroneously fully absorbed by NMPC and the Company will make the appropriate allocation adjustment.** The amount of that adjustment is reflected in Attachment 2 to this response.
3. There are nine employees in the job category "Janitor AA" totaling \$229,007 in the Company's response to IR AAE-53.

Name of Respondent:

James M. Molloy

Date of Reply:

August 10, 2010

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID
SOC Security Department by Expense Type
Historic Test Year Ended September 30, 2009

Location	Syracuse		
Sum of NIMO ELECTRIC			
Chrg Dept Descr	Expense Type	Total	Employee Position
Security-NY North	I10	270,256.18	Plant Guard C Plant Guard C Plant Guard C
	200	380.24	
	A70	3,138.36	
	M10	311.12	
	P10	166,640.75	
	P20	4,046.16	
	P21	2,090.76	
	P50	20,349.31	
	T10	26,730.88	
Grand Total		493,943.77	

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID
SOC Security Department Allocation to Affiliates
For the Rate Year 2011

Amount of HTY SOC security department costs	\$ 493,944	Per Attachment 1
Inflation to Rate Year	<u>2.5021%</u>	
Amount of Rate Year SOC security department costs	\$ 506,303	
% to be allocated to service company	<u>52%</u>	Percent used to allocate all SOC costs to affiliates
Amount to be allocated to service company	\$ 263,277	
% of service company costs allocated to others (excluding NIMO)	<u>69.57%</u>	using bill pool 00382
Amount of SOC security costs allocated to affiliates in Rate Year	<u>\$ 183,162</u>	

Date of Request: August 3, 2010
Due Date: August 13, 2010

Request No. RAV-151
NMPC Req. No. NM 964 DPS-603

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Robert Visalli

TO: Revenue Requirement Panel

Request:

For calendar years 2008 and 2009 and the historic test year, please provide the following information on National Grid – USA employees who were sent to work overseas at NationalGrid – UK on a temporary basis:

- A. Provide a list of the employees' names, their individual work durations in the UK, their salaries while in the UK, and their overseas expenses broken down by type (air fares along with the number of trips; lodging costs; health care; car rentals; spousal / children costs; education costs; etc.)
- B. For each employee and for each expense listed in Part A., please provide how the expenses were accounted for. Were the costs charged to National Grid – UK expense accounts? If so, which accounts and what was the basis for such accounting allocations? Were the costs charged back to National Grid – USA affiliates expense accounts? If so, which accounts and what was the basis for such accounting allocations?

Response:

A. Please refer to RAV-151 Attachment_1_.xls.

B. Employee expenses that are incurred locally while on assignment (in the UK) are charged to the UK entities and remain in the UK.

For salaries, while the underlying accounting impact is the same, the process under which each employee listed in Part A is treated, varies according to the legacy company that the employee works for.

For each legacy National Grid employee, their salary expense is charged to a National Grid Billing Entity (PeopleSoft Business Unit # 00072).

Legacy KeySpan employees, are not set up to be able to charge the National Grid Billing Entity directly. Consequently, employee salary expense is manually journalized to the National Grid Billing

Entity and correspondingly credited to their original US accounting. All the expenses charged to Business Unit # 00072 are billed over to the UK.

The National Grid Billing Entity is not consolidated within the US financial statements and hence there is no charge to the US income statement for these expenses.

Upon receipt by the UK, the charges are subsequently recharged to the relevant UK business unit. This recharge is based upon the companies receiving the underlying benefit of the work. The costs are not charged back to the National Grid – USA affiliates expense accounts.

However, as denoted in the salary detail within RAV-151 Attachment_1_.xls, there can be an amount of salary expense that remains in the US and does not get charged to the UK. This would occur if an employee maintained US responsibilities or performed a global role subsequent to a move to the UK.

Name of Respondent:

Date of Reply:

Stephen Pocock & John O Shaughnessy

August 20, 2010

Year	2009
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Sum of US \$ Total			Expense Category (ALL CHARGED TO THE UK)								SALARY			
Name	Overseas Start Date	Overseas End Date	A Lodging Costs	B Auto Allowances	C International allowance	D Health Care	E Relocation allowances	F Home Leave *	G School Tuition for Family	H other	Grand Total	Salary **	Charged to UK	Charged to US ***
	15-Aug-08	15-Jul-10	69,403.42	8,250.00	17,032.00	0.00	0.00	4,879.06	17,198.82	500.00	250,163.30	132,900.00	12,000.00	120,900.00
	18-Aug-08	14-Aug-09	35,979.20	9,818.00	29,186.61	0.00	0.00	99.93	0.00	500.00	176,879.10	101,295.36	96,198.38	5,096.98
	29-Dec-08	04-Aug-09	0.00	0.00	3,147.68	0.00	0.00	0.00	0.00	500.00	59,657.85	56,010.17		56,010.17
	20-Aug-09	31-Aug-12	15,108.03	3,074.00	21,069.56	0.00	0.00	0.00	7,233.19	500.00	186,606.77	139,622.00		139,622.00
	06-Aug-06	30-Apr-09	41,413.70	5,885.00	27,649.14	0.00	27,497.99	6,920.12	0.00	727.84	234,983.35	124,889.56	101,024.22	23,865.34
	24-Jan-05	30-Sep-10	96,650.13	9,738.00	29,810.29	0.00	0.00	8,038.95	46,506.30	500.00	353,075.74	161,832.08	72,545.02	89,287.06
	01-Oct-07	18-Sep-09	62,732.31	2,875.00	32,022.08	0.00	0.00	0.00	0.00	500.00	244,155.16	146,025.77	116,820.62	29,205.15
	04-Apr-08	31-Mar-11	63,611.75	0.00	17,683.64	0.00	0.00	0.00	0.00	500.00	139,512.68	57,717.29		57,717.29
	02-Nov-06	31-Mar-09	6,020.21	442.00	3,232.68	0.00	8,442.29	0.00	0.00	500.00	44,279.06	25,641.88	4,991.92	20,649.96
	04-Aug-08	02-Apr-10	18,491.89	1,784.25	11,688.90	0.00	0.00	5,808.56	0.00	500.00	150,048.53	111,774.92	88,148.41	23,626.51
	01-Oct-07	22-Dec-09	64,254.59	13,271.64	36,643.08	0.00	0.00	12,411.39	8,625.49	500.00	294,577.18	158,871.00	89,698.00	69,173.00
	29-Sep-08	28-Sep-10	72,195.29	17,065.67	37,996.78	0.00	0.00	1,829.02	0.00	500.00	414,646.04	285,059.27	146,833.12	138,226.15
	20-Apr-08	25-Mar-10	44,671.00	5,363.00	15,342.22	0.00	0.00	5,646.96	0.00	500.00	136,835.68	65,312.50		65,312.50
Grand Total			590,531.52	77,566.56	282,504.66	0.00	35,940.28	45,634.00	79,563.79	6,727.84	2,685,420.44	1,566,951.80	728,259.69	838,692.11



* Note: home leave includes airfare and other travel related costs. Return airfares for Married/partner accompanied employees is one flight per assignment year, for Single/Unaccompanied employees two flights per assignment per year.

** Note: Includes the amount of annual salary received while located in the UK

*** Note: amount of salary expense that remains in the US results from employees who maintained US responsibilities or performed a global role subsequent to a move to the UK.

Year

2008

Sum of US \$ Total			Expense Category (ALL CHARGED TO THE UK)									SALARY			
Name	Overseas Start Date	Overseas End Date	A Lodging Costs	B Auto Allowances	C International allowance	D Health Care	E Relocation allowances	F Home Leave *	G School Tuition for Family	H Other	Grand Total	Salary **	Charged to UK	Charged to US ***	
	15-Aug-08	15-Jul-10	49,330.02	4,059.35	27,936.77	0.00	18,741.22	0.00	0.00	500.00	155,567.36	55,000.00	3,000.00	52,000.00	
	18-Aug-08	14-Aug-09	87,791.98	3,051.00	35,505.65	0.00	9,240.85	4,894.71	0.00	500.00	202,340.82	61,356.63	38,643.32	22,713.31	
	13-Nov-07	11-Jun-08	0.00	0.00	2,323.35	0.00	0.00	0.00	0.00	500.00	42,222.56	39,399.21	18,866.06	20,533.15	
	06-Aug-06	30-Apr-09	110,083.38	20,900.00	33,258.15	0.00	0.00	6,563.44	17,281.00	1,176.77	431,298.44	242,035.70	208,409.24	33,626.46	
	24-Jan-05	30-Sep-10	116,743.92	8,788.00	27,599.09	0.00	0.00	18,597.53	56,230.51	500.00	345,762.42	117,303.37	103,163.40	14,139.97	
	01-Oct-07	18-Sep-09	106,901.76	4,814.00	32,883.09	0.00	400.00	0.00	0.00	500.00	332,351.49	186,852.64	149,482.11	37,370.53	
	04-Apr-08	31-Mar-11	81,824.88	0.00	21,812.28	0.00	3,264.74	4,432.80	0.00	500.00	153,823.73	41,989.03		41,989.03	
	01-Dec-05	25-Jul-08	22,756.32	3,958.00	13,738.51	0.00	7,541.98	993.08	0.00	500.00	112,301.26	62,813.37	55,107.73	7,705.64	
	01-Oct-07	26-Sep-08	50,978.92	12,931.46	34,747.33	0.00	15,674.53	9,534.53	0.00	500.00	276,714.87	152,348.10	126,576.09	25,772.01	
	22-Oct-07	01-Feb-08	0.00	0.00	5,472.36	0.00	0.00	0.00	0.00	500.00	12,689.65	6,717.29		6,717.29	
	02-Nov-06	31-Mar-09	17,868.50	8,250.00	16,379.66	0.00	0.00	0.00	0.00	500.00	123,744.06	80,745.90		80,745.90	
	18-Nov-07	01-Jun-08	17,662.85	774.00	15,343.02	0.00	9,221.78	0.00	0.00	500.00	117,871.39	74,369.74	48,672.74	25,697.00	
	01-Oct-07	22-Dec-09	71,580.82	15,250.00	31,833.74	0.00	33,164.50	12,036.02	0.00	500.00	313,980.37	149,615.29	92,694.20	56,921.09	
	29-Sep-08	28-Sep-10	28,198.20	6,390.86	42,676.90	0.00	16,197.52	0.00	0.00	500.00	153,105.25	59,141.77	30,941.99	28,199.78	
	20-Apr-08	25-Mar-10	52,687.78	2,084.00	35,463.05	0.00	11,380.92	7,112.02	0.00	500.00	157,439.47	48,211.70	8,196.48	40,015.22	
	13-Nov-07	05-Jun-08	0.00	0.00	3,110.01	0.00	0.00	1,174.27	0.00	500.00	67,037.75	62,253.47	25,387.62	36,865.85	
	28-Aug-06	20-Jun-08	37,950.61	4,099.00	17,125.77	0.00	24,079.55	14,988.18	9,387.21	500.00	178,957.76	70,827.43	59,421.85	11,405.58	
Grand Total			852,359.95	95,349.67	397,208.73	0.00	148,907.59	80,326.58	82,898.72	9,176.77	3,177,208.66	1,510,980.64	968,562.83	542,417.81	

* Note: home leave includes airfare and other travel related costs. Return airfares for Married/partner accompanied employees is one flight per assignment year, for Single/Unaccompanied employees two flights per assignment per year.

** Note: Includes the amount of annual salary received while located in the UK

*** Note: amount of salary expense that remains in the US results from employees who maintained US responsibilities or performed a global role subsequent to a move to the UK.

HISTORIC TEST YEAR

Sum of US \$ Total		Expense Category (ALL CHARGED TO THE UK)										SALARY		
Name	Overseas Start Date	Overseas End Date	A Lodging Costs	B Auto Allowances	C International allowance	D Health Care	E Relocation allowances	F Home Leave *	G School Tuition for Family	H other	Grand Total	Salary **	Charged to UK	Charged to US ***
	15-Aug-08	15-Jul-10	68,928.69	9,873.50	18,181.66	0.00	14,546.83	639.71	17,198.82	500.00	262,319.21	132,450.00	12,000.00	120,450.00
	18-Aug-08	14-Aug-09	35,863.87	12,869.00	38,203.06	0.00	9,240.85	4,894.71		500.00	240,663.61	139,092.12	127,969.57	11,122.55
	29-Dec-08	04-Aug-09			3,147.68	0.00				500.00	59,657.85	56,010.17		56,010.17
	13-Nov-07	11-Jun-08				0.00					0.00	-		
	20-Aug-09	31-Aug-12	15,108.03	1,229.60	18,919.02	0.00			7,233.19	500.00	102,611.78	59,621.95		59,621.95
	06-Aug-06	30-Apr-09	40,790.01	26,785.00	34,619.91	0.00	26,865.49	6,920.12		795.52	320,290.62	183,514.57	155,715.87	27,798.78
	24-Jan-05	30-Sep-10	73,629.94	16,091.50	32,299.52	0.00		7,537.11	17,932.68	500.00	308,935.85	160,945.10	86,523.83	74,421.27
	01-Oct-07	18-Sep-09	61,358.54	7,689.00	43,796.28	0.00				500.00	308,044.82	194,701.00	155,760.80	38,940.20
	04-Apr-08	31-Mar-11	64,470.00		17,184.83	0.00		4,432.80		500.00	143,880.43	57,292.80		57,292.80
	01-Dec-05	25-Jul-08				0.00					0.00	-		
	01-Oct-07	26-Sep-08	2,016.36		15,393.41	0.00	8,737.68				26,147.45	-		
	22-Oct-07	01-Feb-08				0.00					0.00	-		
	02-Nov-06	31-Mar-09	4,755.44	8,692.00	6,465.36	0.00	3,442.29			500.00	75,146.93	46,291.84	4,991.92	41,299.92
	04-Aug-08	02-Apr-10	17,222.54	2,009.25	13,078.83	0.00	3,464.35	5,808.56		500.00	153,551.94	111,468.41	90,495.62	20,972.79
	28-Aug-06	20-Jun-08				0.00					0.00	-		
	01-Oct-07	22-Dec-09	35,589.68	25,038.81	28,003.32	0.00		12,411.39	3,769.53	500.00	262,896.72	157,584.00	95,396.14	62,187.86
	29-Sep-08	28-Sep-10	50,509.42	19,821.12	42,951.16	0.00	16,197.52	1,829.02		500.00	418,942.60	287,134.36	142,108.43	145,025.93
	20-Apr-08	25-Mar-10	41,832.07	6,106.25	17,691.12	0.00		10,797.31		500.00	142,076.75	65,150.00	8,196.48	56,853.52
	13-Nov-07	05-Jun-08				0.00					0.00	-		
Grand Total			512,074.60	136,205.03	329,935.16	0.00	87,495.01	55,270.73	46,134.22	6,795.52	2,825,166.58	1,651,256.32	879,158.66	772,097.66

* Note: home leave includes airfare and other travel related costs. Return airfares for Married/partner accompanied employees is one flight per assignment year, for Single/Unaccompanied employees two flights per assignment per year.

** Note: Includes the amount of annual salary received while located in the UK

*** Note: amount of salary expense that remains in the US results from employees who maintained US responsibilities or performed a global role subsequent to a move to the UK.

Date of Request: August 3, 2010
Due Date: August 13, 2010

Request No. RAV-152
NMPC Req. No. NM 965 DPS-604

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Robert Visalli

TO: Revenue Requirement Panel

Request:

- A. Please provide a comprehensive list of all National Grid employees who took a VERO offer and who have been re-hired as employees of National Grid (as opposed to being rehired as contractors). Include the employee's salary before being VERO'ed, the VERO payment, and the salary after being re-hired as employees. Also include when the employee was VERO'ed, when the employee was re-hired, and which affiliate or service company the employee worked for prior to taking the VERO and after taking the VERO..
- B. Fully explain why the Company rehired each of these VERO'ed employees, what their pre-VERO and post-VERO job titles and departments were / are, and whether each of the VERO'ed employees were considered to be "realized KeySpan synergy savings".
- C. Fully explain the pension plan and OPEB / medical care ramifications of rehiring these VERO'ed employees.

Response:

- A. Please see Attachment 1.
- B. Please see Attachment 1 for all responses except an explanation why each VERO was rehired which is listed below:

Employee ID [REDACTED] - Employee was rehired due to his past experience with the Company. He was the most qualified person for the position. He was in a position that was unrelated to his job prior to taking the VERO.

Employee ID [REDACTED] - Employee was gone from company for almost 7 years. Job was posted but no qualified candidates applied. HR had this employee's resume. He is doing essentially the same job he had prior to taking VERO.

Employee ID [REDACTED] - Employee worked as a contractor as a Substation Trainer for several years. He applied for Lead Training Representative position in 2009 and was

awarded the position since he was considered the most qualified candidate. It is a very different position from the one he held prior to accepting the VERO.

Employee ID [REDACTED] - Employee was gone from company for 4 years. Job was posted internally and externally. He was the most qualified candidate. Job is different from the job he did prior to taking the VERO.

Employee ID [REDACTED] - Employee was rehired due to her past experience with the Company. She was the most qualified person for the position. She was in a position that was unrelated to her job prior to taking the VERO. Please note that this rehired employee had no allocated charges to Niagara Mohawk in the historic test year.

Employee ID [REDACTED] - Employee was retired for 7 years prior to being rehired in 2009 although he did work as a contractor for several years. He was brought back mainly for his historical knowledge of the Company and an accounting software system. He is doing a similar job to the one he did prior to accepting the VERO.

Employee ID [REDACTED] - Employee was gone from the company for 7 years. Rehired in July 2009 to help transition a specific task to a new department. He will separate from service in the next 6 months to one year. Job is different from the job he did prior to taking the VERO.

- C. When these VERO'ed employees were rehired, their current pension benefit annuity payments, if applicable, and their retiree medical benefits were suspended; they remain suspended throughout their period of re-employment with National Grid. Upon their subsequent separation of service, the suspended pension benefit will be reactivated and the employees will be put back into the retiree medical plans that were in effect at the time of their original retirement.

During their re-employment, these employees are eligible to participate in the active medical plans as well as a pension plan. Employee ID [REDACTED], [REDACTED], [REDACTED], [REDACTED] and [REDACTED] are participants in the Niagara Mohawk Cash Balance Pension Plan and Employee ID [REDACTED] and [REDACTED] are participants in the National Grid Final Average Pay Plan. Upon their subsequent separation of service, they will be eligible to receive any benefits that have accrued under the pension plan they participated in while re-employed.

Name of Respondent:
Ed Considine

Date of Reply:
8/13/2010

														RAV-152 VERO Employees Rehired as Full-Time Regular Employees- NMPC Employees	
														Docket Number 16-E-0050	
														Niagara Mohawk Power Corporation	
														Attachment 1	
Niagara Mohawk Power Corporation (Electric) d/b/a National Grid															
VERO Employees Rehired as Full-Time Regular Employees															

Date of Request: August 11, 2010
Due Date: August 23, 2010

Request No. RAV-155
NMPC Req. No. NM 980 DPS-611

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Robert Visalli

TO: Revenue Requirement Panel

Request:

- A. For each National Grid USA affiliate, provide its actual earned return on equity for either calendar years 2006-2009 or fiscal years 2007-2010. Also, provide the actual earned return for the aggregate of all National Grid USA affiliates for the same year periods.
- B. For each National Grid USA regulated affiliate, for either the calendar years 2006-2009 or fiscal years 2007-2010, indicate whether the affiliate had service quality penalty mechanisms for customer service and reliability measures, and, if so, provide the maximum amount of potential penalty in each year and the actual amount of penalty incurred in each year. Also provide the total potential and actual penalties incurred for the aggregate of all National Grid regulated affiliates for each year.

Note: In responding to this request, use whichever years (i.e., calendar years or fiscal years) are easiest for the Company to retrieve.

Response:

- A. Please see Attachment 1 (RAV-155_Attach1_ROE)
- B. Please see Exhibits 1, 2, 3 and 4 in Attachment 2 (RAV-155_Attach 2_SQ Electric Results CY 2006-2009) for the service quality penalties of the Niagara Mohawk, Massachusetts Electric, Nantucket Electric and Narragansett Electric electricity regulated affiliates respectively. Please note that there are no service quality penalties for Granite State Electric.

Name of Respondent:
Nancy Cianflone
Stephanie Briggs
Andrew Dinkle

Date of Reply:
8/23/2010

Information Request RAV-155 Attachment 1

	Earned ROE ⁽¹⁾			
	CY 2006	CY 2007	CY 2008	CY2009
<u>Gas Distribution</u>	<u>%</u>	<u>%</u>	<u>%</u>	<u>%</u>
KEDNY	11.5%	14.9%	11.9%	11.2%
KEDLI	11.0%	10.4%	11.1%	10.5%
Niagara Mohawk Gas	4.0%	5.9%	4.8%	3.8%
Boston Gas	7.8%	7.4%	7.0%	2.5%
Essex Gas	33.3%	25.7%	28.0%	9.7%
Colonial Gas	11.1%	12.7%	9.9%	3.7%
Rhode Island Gas	-----	3.2%	7.6%	6.7%
Energy North	3.5%	4.9%	4.4%	3.8%
<u>Electric Distribution</u>				
Niagara Mohawk Electric	9.9%	9.1%	6.7%	5.1%
Massachusetts Electric Co.	10.4%	9.6%	7.2%	5.0%
Rhode Island Electric	5.2%	6.8%	2.3%	-2.9%
Granite State Electric	16.0%	9.3%	6.3%	0.4%
<u>Electric Generation</u>				
National Grid Generation	9.5%	9.1%	6.1%	13.8%
Glenwood Energy Center	11.0%	11.3%	11.2%	11.7%
Port Jefferson Energy Center	11.2%	11.0%	10.6%	11.8%
<u>Electric Transmission</u>				
New England Power Co.	12.8%	11.6%	11.7%	11.8%
Narragansett Transmission	11.2%	11.5%	11.6%	11.5%
Interconnectors	13.0%	13.0%	13.5%	13.0%
<u>Total</u>	9.5%	9.8%	8.2%	6.8%

(1) Actual earned ROEs calculated based on authorized capital structures used to set rates and include the companies' share of any excess earnings and discreet incentives where applicable.

**Niagara Mohawk Power Corporation
Service Quality Penalties**

2006:				
Performance Standard	Target	Maximum Penalty	Actual Results	Actual Penalty
PSC Complaint Rate	< 3.0	(\$4,000,000)	0.98	\$0
Res Transaction Satisfaction Index	> 82.0	(\$2,000,000)	80.3	(\$993,750)
C&I Transaction Satisfaction Index	> 79.0	(\$2,000,000)	77.0	(\$1,125,000)
Meters Read	> 96.0%	(\$2,000,000)	97.9%	\$0
Calls Answered in 30 Seconds	> 76.0%	(\$2,000,000)	78.8%	\$0
Low Income Customer Assistance Program (LICAP) Enrollments	>95% of 3,780	(\$1,000,000)	4,096	\$0
Reliability - System Frequency (SAIFI)*	< 0.93	(\$8,800,000)	1.01	(\$8,800,000)
Reliability - Customer Duration (CAIDI)	< 2.07	(\$4,400,000)	2.05	\$0
Momentary Interruptions - 115 KV	<= 200	(\$733,000)	134	\$0
Momentary Interruptions - 23-69 KV	<= 725	(\$733,000)	388	\$0
Momentary Interruptions - Distribution	<= 2,000	(\$733,000)	1,670	\$0
Total Penalty		(\$28,399,000)		(\$10,918,750)

*In November 2007, the NYPSC issued an order that doubled the Company's 2006 SAIFI penalty due to multiple years at the maximum penalty.

2007:				
Performance Standard	Target	Maximum Penalty	Actual Results	Actual Penalty
PSC Complaint Rate	< 3.0	(\$4,000,000)	0.96	\$0
Res Transaction Satisfaction Index	> 82.0	(\$2,000,000)	80.2	(\$1,037,500)
C&I Transaction Satisfaction Index	> 79.0	(\$2,000,000)	80.5	\$0
Meters Read	> 96.0%	(\$2,000,000)	98.3%	\$0
Calls Answered in 30 Seconds	> 78.0%	(\$2,000,000)	80.2%	\$0
Low Income Customer Assistance Program (LICAP) Enrollments	>95% of 3,780	(\$1,000,000)	4,013	\$0
Reliability - System Frequency (SAIFI)*	< 0.93	(\$13,200,000)	0.95	(\$13,200,000)
Reliability - Customer Duration (CAIDI)	< 2.07	(\$4,400,000)	2.01	\$0
Momentary Interruptions - 115 KV	<= 200	(\$733,000)	148	\$0
Momentary Interruptions - 23-69 KV	<= 725	(\$733,000)	496	\$0
Momentary Interruptions - Distribution	<= 2,000	(\$733,000)	1,641	\$0
Total Penalty		(\$32,799,000)		(\$14,237,500)

*In accordance with the KeySpan merger order, in the event that a SQ reliability measure is doubled pursuant to the doubling provision in the existing Niagara Mohawk rate plan, the incentive payment will be further increased by the amount of the original exposure in any period subsequent to the doubling where the performance target for a doubled measure is not satisfied by the Company.

**Niagara Mohawk Power Corporation
Service Quality Penalties**

2008:				
Performance Standard	Target	Maximum Penalty	Actual Results	Actual Penalty
PSC Complaint Rate	< 3.0	(\$4,000,000)	0.88	\$0
Res Transaction Satisfaction Index	> 82.0	(\$2,000,000)	81.4	(\$512,500)
C&I Transaction Satisfaction Index	> 79.0	(\$2,000,000)	80.1	\$0
Meters Read	> 96.0%	(\$2,000,000)	98.6%	\$0
Calls Answered in 30 Seconds	> 78.0%	(\$2,000,000)	78.6%	\$0
Low Income Customer Assistance Program (LICAP) Enrollments	>95% of 3,780	(\$1,000,000)	3,943	\$0
Reliability - System Frequency (SAIFI)	< 0.93	(\$17,600,000)	0.75	\$0
Reliability - Customer Duration (CAIDI)	< 2.07	(\$4,400,000)	1.96	\$0
Momentary Interruptions - 115 KV	<= 200	(\$733,000)	190	\$0
Momentary Interruptions - 23-69 KV	<= 725	(\$733,000)	501	\$0
Momentary Interruptions - Distribution	<= 2,000	(\$733,000)	1,570	\$0
Total Penalty		(\$37,199,000)		(\$512,500)

2009:				
Performance Standard	Target	Maximum Penalty	Actual Results	Actual Penalty
PSC Complaint Rate	< 3.0	(\$4,000,000)	1.03	\$0
Res Transaction Satisfaction Index	> 82.0	(\$2,000,000)	82.3	\$0
C&I Transaction Satisfaction Index	> 79.0	(\$2,000,000)	82.0	\$0
Meters Read	> 96.0%	(\$2,000,000)	98.7%	\$0
Calls Answered in 30 Seconds	> 78.0%	(\$2,000,000)	81.8%	\$0
Low Income Customer Assistance Program (LICAP) Enrollments	>95% of 3,780	(\$1,000,000)	3,956	\$0
Reliability - System Frequency (SAIFI)	< 0.93	(\$8,800,000)	0.88	\$0
Reliability - Customer Duration (CAIDI)	< 2.07	(\$4,400,000)	1.91	\$0
Momentary Interruptions - 115 KV	<= 200	(\$733,000)	134	\$0
Momentary Interruptions - 23-69 KV	<= 725	(\$733,000)	426	\$0
Momentary Interruptions - Distribution	<= 2,000	(\$733,000)	1,564	\$0
Total Penalty		(\$28,399,000)		\$0

**Massachusetts Electric Company
Service Quality Penalties**

2006:					
Performance Standard	Target Range		Maximum Penalty	Actual Results	Actual Incentive/(Penalty)
Reliability - System Frequency (SAIFI)	1.113	1.304	(\$3,667,250)	1.435	(\$3,667,250)
Reliability - System Duration (SAIDI)	78.44	105.52	(\$7,334,499)	188.06	(\$7,334,499)
Lost Time Accident Rate	1.00	1.98	(\$1,629,889)	1.04	\$0
Calls Answered in 20 Seconds	69.3%	92.9%	(\$2,037,361)	88.6%	\$0
Regulatory Cases	622	996	(\$814,944)	705	\$0
Regulatory Billing Adjustments	\$7.94	\$32.08	(\$814,944)	\$3.08	\$400,837
Service Appointments Met	91.4%	96.4%	(\$2,037,361)	99.3%	\$2,037,361
Meters Read	87.9%	98.2%	(\$1,629,889)	99.1%	\$560,726
Net Penalty*			(\$19,966,137)		(\$8,002,825)

2007:					
Performance Standard	Target Range		Maximum Penalty	Actual Results	Actual Offset/(Penalty)
Reliability - System Frequency (SAIFI)	1.075	1.461	(\$3,418,588)	1.159	\$0
Reliability - System Duration (SAIDI)	77.64	152.20	(\$3,418,588)	138.49	\$0
Lost Time Accident Rate	0.92	1.98	(\$1,519,372)	1.87	\$0
Calls Answered in 20 Seconds	70.5%	93.3%	(\$1,899,215)	81.3%	\$0
Regulatory Cases per 1,000 Customers	0.57	0.93	(\$759,686)	0.69	\$0
# Regulatory Billing Adj per 1,000 Cust	0.009	0.067	(\$759,686)	0.025	\$0
Service Appointments Met	91.8%	98.2%	(\$1,899,215)	99.3%	\$857,336
Meters Read	88.9%	99.3%	(\$1,519,372)	99.2%	\$539,984
Net Penalty*			(\$15,193,722)		\$0

*Beginning in 2007, the Company is no longer allowed to earn incentives, but can earn penalty offsets. Offsets have no value other than to offset penalties in any other performance measure, and they expire at the end of each year. Since there are no penalties, the offsets has no value.

2008:					
Performance Standard	Target Range		Maximum Penalty	Actual Results	Actual Offset/(Penalty)
Reliability - System Frequency (SAIFI)	1.075	1.461	(\$3,952,114)	1.053	\$1,274,134
Reliability - System Duration (SAIDI)	77.64	152.20	(\$3,952,114)	124.48	\$0
Lost Time Accident Rate	0.92	1.98	(\$1,756,495)	0.86	\$713,302
Calls Answered in 20 Seconds	70.5%	93.3%	(\$2,195,619)	74.0%	\$0
Regulatory Cases per 1,000 Customers	0.57	0.93	(\$878,248)	0.64	\$0
# Regulatory Billing Adj per 1,000 Cust	0.010	0.064	(\$878,248)	0.031	\$0
Service Appointments Met	92.3%	99.1%	(\$2,195,619)	97.9%	\$0
Meters Read	88.9%	99.3%	(\$1,756,495)	97.0%	\$0
Net Penalty*			(\$17,564,952)		\$0

*Beginning in 2007, the Company is no longer allowed to earn incentives, but can earn penalty offsets. Offsets have no value other than to offset penalties in any other performance measure, and they expire at the end of each year. Since there are no penalties, the offsets has no value.

**Massachusetts Electric Company
Service Quality Penalties**

2009:					
Performance Standard	Target Range		Maximum Penalty (est)	Actual Results*	Actual Offset/(Penalty)*
Reliability - System Frequency (SAIFI)	1.075	1.461	(\$3,952,114)	0.875	\$4,940,003
Reliability - System Duration (SAIDI)	77.64	152.20	(\$3,952,114)	92.72	\$0
Lost Time Accident Rate	0.92	1.98	(\$1,756,495)	0.57	\$1,864,662
Calls Answered in 20 Seconds	70.5%	93.3%	(\$2,195,619)	85.0%	\$0
Regulatory Cases per 1,000 Customers	0.57	0.93	(\$878,248)	0.75	\$0
# Regulatory Billing Adj per 1,000 Cust	0.010	0.062	(\$878,248)	0.052	\$0
Service Appointments Met	92.8%	99.2%	(\$2,195,619)	97.2%	\$0
Meters Read	88.9%	99.3%	(\$1,756,495)	99.2%	\$780,300
Net Penalty*			(\$17,564,952)		\$0

*Beginning in 2007, the Company is no longer allowed to earn incentives, but can earn penalty offsets. Offsets have no value other than to offset penalties in any other performance measure, and they expire at the end of each year. Since there are no penalties, the offsets has no value.

**Nantucket Electric Company
Service Quality Penalties**

2006:					
Performance Standard	Target Range		Maximum Penalty	Actual Results	Actual Incentive/(Penalty)
Reliability - System Frequency (SAIFI)	0.149	0.703	(\$38,704)	0.671	\$0
Reliability - System Duration (SAIDI)	9.75	33.22	(\$38,704)	51.20	(\$38,704)
Lost Time Accident Rate	0.00	6.51	(\$17,202)	0.00	\$0
Calls Answered in 20 Seconds	69.1%	94.9%	(\$21,502)	89.5%	\$0
Regulatory Cases	2	4	(\$8,601)	1	\$8,601
Regulatory Billing Adjustments	\$0.00	\$88.30	(\$8,601)	\$0.00	\$0
Service Appointments Met	100.0%	100.0%	(\$21,502)	-	\$0
Meters Read	93.4%	100.0%	(\$17,202)	99.8%	\$0
Net Penalty			(\$172,018)		(\$30,103)

2007:					
Performance Standard	Target Range		Maximum Penalty	Actual Results	Actual Offset/(Penalty)
Reliability - System Frequency (SAIFI)	0.186	0.712	(\$49,921)	0.267	\$0
Reliability - System Duration (SAIDI)	11.34	44.14	(\$49,921)	24.82	\$0
Lost Time Accident Rate	0.00	6.22	(\$22,187)	0.00	\$0
Calls Answered in 20 Seconds	70.4%	95.2%	(\$27,734)	82.6%	\$0
Regulatory Cases per 1,000 Customers	0.11	0.35	(\$11,094)	0.18	\$0
# Regulatory Billing Adj per 1,000 Cust	0.000	0.000	(\$11,094)	0.090	(\$11,094)
Service Appointments Met	100.0%	100.0%	(\$27,734)	-	\$0
Meters Read	93.8%	100.0%	(\$22,187)	99.8%	\$0
Net Penalty			(\$221,872)		(\$11,094)

2008:					
Performance Standard	Target Range		Maximum Penalty	Actual Results	Actual Offset/(Penalty)
Reliability - System Frequency (SAIFI)	0.186	0.712	(\$49,448)	0.373	\$0
Reliability - System Duration (SAIDI)	11.34	44.14	(\$49,448)	50.25	(\$37,989)
Lost Time Accident Rate	0.00	6.22	(\$21,977)	13.82	(\$21,977)
Calls Answered in 20 Seconds	70.4%	95.2%	(\$27,471)	72.3%	\$0
Regulatory Cases per 1,000 Customers	0.11	0.35	(\$10,988)	0.09	\$4,292
# Regulatory Billing Adj per 1,000 Cust	0.000	0.043	(\$10,988)	0.000	\$0
Service Appointments Met	100.0%	100.0%	(\$27,471)	72.7%	(\$27,471)
Meters Read	93.8%	100.0%	(\$21,977)	99.6%	\$0
Net Penalty			(\$219,768)		(\$83,145)

**Nantucket Electric Company
Service Quality Penalties**

2009:					
Performance Standard	Target Range		Maximum Penalty (est)	Actual Results*	Actual Offset/(Penalty)*
Reliability - System Frequency (SAIFI)	0.186	0.712	(\$49,448)	0.336	\$0
Reliability - System Duration (SAIDI)	11.34	44.14	(\$49,448)	27.03	\$0
Lost Time Accident Rate	0.00	6.22	(\$21,977)	0.00	\$0
Calls Answered in 20 Seconds	70.4%	95.2%	(\$27,471)	84.1%	\$0
Regulatory Cases per 1,000 Customers	0.11	0.35	(\$10,988)	0.09	\$4,082
# Regulatory Billing Adj per 1,000 Cust	0.000	0.040	(\$10,988)	0.000	\$0
Service Appointments Met	82.3%	100.0%	(\$27,471)	90.9%	\$0
Meters Read	93.8%	100.0%	(\$21,977)	99.8%	\$0
Net Penalty			(\$219,768)		\$0

*Beginning in 2007, the Company is no longer allowed to earn incentives, but can earn penalty offsets. Offsets have no value other than to offset penalties in any other performance measure, and they expire at the end of each year. Since there are no penalties, the offsets has no value.

**Narragansett Electric Company
Service Quality Penalties**

2006:					
Performance Standard	Target Range		Maximum Penalty	Actual Results	Actual Offset/(Penalty) **
Reliability - System Frequency (SAIFI)	0.91	1.19	(\$916,000)	0.98	\$0
Reliability - System Duration (SAIDI)	53.4	77.3	(\$916,000)	74.1	\$0
Calls Answered in 20 Seconds	65.8%	90.4%	(\$184,000)	91.2%	\$2,992
Customer Contact Satisfaction	76.8%	81.4%	(\$184,000)	81.6%	\$4,000
Net Offset			(\$2,200,000)		\$0

2007:					
Performance Standard	Target Range		Maximum Penalty	Actual Results	Actual Offset/(Penalty) **
Reliability - System Frequency (SAIFI)*	0.84	1.05	(\$916,000)	0.92	\$0
Reliability - System Duration (SAIDI)*	45.9	71.9	(\$916,000)	59.0	\$0
Calls Answered in 20 Seconds	65.8%	90.4%	(\$184,000)	83.8%	\$0
Customer Contact Satisfaction	76.8%	81.4%	(\$184,000)	80.3%	\$0
Net Penalty			(\$2,200,000)		\$0

*Based on IEEE Standard 1366-2003.

2008:					
Performance Standard	Target Range		Maximum Penalty	Actual Results	Actual Offset/(Penalty) **
Reliability - System Frequency (SAIFI)*	0.84	1.05	(\$916,000)	1.00	\$0
Reliability - System Duration (SAIDI)*	45.9	71.9	(\$916,000)	64.4	\$0
Calls Answered in 20 Seconds	65.8%	90.4%	(\$184,000)	72.6%	\$0
Customer Contact Satisfaction	76.8%	81.4%	(\$184,000)	83.1%	\$34,000
Net Penalty			(\$2,200,000)		\$0

*Based on IEEE Standard 1366-2003.

**Offsets have no value other than to offset penalties in any other performance measure, and they expire at the end of each year. Since there are no penalties, the offsets has no value.

2009:					
Performance Standard	Target Range		Maximum Penalty	Actual Results**	Actual Offset/(Penalty)**
Reliability - System Frequency (SAIFI)*	0.84	1.05	(\$916,000)	0.83	\$30,533
Reliability - System Duration (SAIDI)*	45.9	71.9	(\$916,000)	50.0	\$0
Calls Answered in 20 Seconds	65.8%	90.4%	(\$184,000)	85.1%	\$0
Customer Contact Satisfaction	76.8%	81.4%	(\$184,000)	80.2%	\$0
Net Penalty			(\$2,200,000)		\$0

*Based on IEEE Standard 1366-2003.

**Offsets have no value other than to offset penalties in any other performance measure, and they expire at the end of each year. Since there are no penalties, the offsets has no value.

Date of Request: August 11, 2010
Due Date: August 23, 2010

Request No. RAV-157
NMPC Req. No. NM 982 DPS-613

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Robert Visalli

TO: Revenue Requirement Panel

Request:

- A. As shown on Exhibit (SAP-I), Schedule 6, page 3, Staffs major storm adjustment was \$18.928 million. On page 126 of your rebuttal testimony, you state that Staffs major storm adjustment should be reduced by \$16.568 million to correct for the problems described on pages 121-126 of your rebuttal testimony.

We agree that our major storm adjustment is overstated, but the overstatement for the reasons described in your rebuttal testimony is \$6.622 million, not \$16.568 million. As your rebuttal testimony states, the Company has \$6.622 million in its rate year forecast for incremental costs associated with minor storms and \$21.525 million in its rate year forecast for incremental costs associated with major storms, for a total incremental storm cost allowance of \$28.147 million. Since Staff is proposing a rate year allowance of only \$9.219 million for incremental costs associated with major storms and we are not proposing any adjustment to the Company's \$6.622 million forecast of incremental costs associated with minor storms, our rate year forecast for incremental costs associated with minor and major storms should be \$15.841 million (\$6.622 million + \$9.219 million), as compared to the Company's Corrections & Updates forecast of \$28.147. Thus, our adjustment should have been \$12.306 million or \$6.622 million less than our originally filed adjustment of \$18.928 million.

Please indicate if you agree with the above explanation and if your rebuttal testimony on page 126 should be changed from \$16.568 million to \$6.622 million. If you disagree, explain in full how Staff's proposal to reduce the Company's allowance for incremental costs associated with major storms can only be \$2.368 million (\$18.928 million per Staff's original testimony minus your proposed rebuttal correction of \$16.568 million) when our position is that the Company should be allowed \$9.219 million for incremental costs associated with major storms.

- B. Your rebuttal testimony states that the Company's rate year forecast for major and minor incremental costs is \$28.147 million. From the Company's response to IR CVB 23, Attachments 23-3 Major and 23-3 Minor, total major and minor storm costs (incremental and non-incremental) are shown to be \$39.231 million. Thus, non-

incremental costs must be \$11.084 million (\$39.231 million total minus \$28.147 million incremental). It appears that \$9.915 million of "base labor" makes up the vast majority of the non-incremental costs. Regarding this "base labor" amount, please indicate (a) how much of this base labor is for NMPC employees and (b) how much is for employees of affiliates of National Grid who worked on NMPC storm restoration. Include supporting work-papers. Also, (c) fully explain why the portion of "base labor" related to employees of affiliates of National Grid who worked on NMPC storm restoration is not considered an incremental expense. If no costs associated with employees of affiliates of National Grid who worked on NMPC storm restoration are included in "base labor," please indicate in which cost component such costs are included and provide supporting work-papers for the amounts.

Response:

The Company agrees that Staff inadvertently omitted the incremental minor storm costs of \$6.622 million when Staff proposed its adjustment. However, as described in the Revenue Requirements Panel testimony, we believe Staff also inadvertently and incorrectly omitted an entire category of incremental storm response costs in calculating its adjustment, and therefore we do not agree with the remainder of Staff's adjustment. We provide the following tabular expression of the Company's total incremental storm costs incurred during the test year compared to Staff's recovery proposal in an effort to simplify the issue (a more detailed expression of this information is found in Attachment 1 to this response, and at Exhibit __ (RRP-14R), Sheet 1 of 4).

	Cost Category	Total Historic Test Year Costs		Incremental Portion of Historic Test Year Costs (inflated to Rate Year)	Staff's Proposed Rate Year Allowance
(1)	Minor Storms (non-deferrable)	\$8.221 million		\$6.622 million	\$6.622 million ^a
(2)	Major Storms (non-deferrable)	\$18.086 million		\$9.945 million	-- ^b
(3)	Major Storms (deferrable)	\$55.972 million	\$11.015 million non-deferrable \$44.957 million recovery through deferral account	\$11.580 million	\$9.219 million
	Total			\$28.147 million	\$15.841 million

Notes: a—Minor Storm allowance initially omitted from Staff adjustment calculation.

b—Staff's calculation of Storm adjustment does not mention this category of storm costs.

As described in its testimony (SAP, pp. 256-57), the Staff based its proposed rate allowance of \$9.219 million on:

- (1) the annual storm costs actually incurred for individual storms costing under \$20 million over the period February 2002, the beginning of the MJP, through September 2009, the end of the historic test year, as derived from the Company's response to Part B of IR DPS-41 (RAV-27), (2)

minus \$2 million per major storm to give consideration to the estimated amount saved by the Company in post-storm O&M costs due to incurrence of costs during the storm; we explain the savings later in our testimony, plus (3) inflationary increases to restate the 2002 through 2009 costs in rate year dollars.

However, RAV-27, part B, relates only to deferrable major storm costs (category (3) in the table above). It does not include non-deferrable major storm costs (category (2)). Thus, Staff's calculated allowance based on "the annual storm costs actually incurred for individual storms costing under \$20 million," is not complete because it omits an entire—and substantial—category of storm costs; i.e., the costs of non-deferrable major storms. In order for the proposed allowance to reflect the annual storm costs actually incurred as Staff says it does, it must include the costs in category (2): non-deferrable major storm costs. Had Staff intended to exclude all of the costs in this category, we think it would have said so explicitly. Further, if Staff was attempting to exclude these costs, we do not think it would have used the inclusive language it used, which says it include actually incurred major storm costs for individual storms under \$20 million. The language used by Staff to describe the calculation, coupled with the fact that there is no mention of this entire category of costs, suggests that its omission from the adjustment calculation was unintentional. Therefore, in order to be complete and consistent with the calculation described in the testimony, the adjustment should be revised to include the omitted \$9.945 million for non-deferrable major storm costs.

In addition to omitting the category of non-deferrable major storm costs, the Company believes the calculation used to arrive at the rate allowance for deferrable major storms contains a number of errors. As explained at pp. 127-128 of the Revenue Requirements Panel rebuttal testimony, the calculation did not include \$26 million associated with the \$2 million per-event deductible for 13 storms during the period used by Staff. Nor did the calculation include the \$6 million annual deductible for 2008, despite the fact that it did include the annual deductible for all the other years in the period. If the calculation is corrected for these errors, it produces an annual allowance of \$13.38 million, versus the \$9.219 million calculated by Staff.

B. The \$9.915 million of "base labor" consists of \$0.378 million that originated from affiliates and \$9.537 million that originated from Niagara Mohawk. Detail supporting this information is included in Attachment 1 to this response. The Company included the affiliate costs in the rate year since they were incurred for storm restoration associated with events that were not eligible for deferral. Affiliate base labor storm charges have been incurred in the past on non-deferrable events and it is reasonable to expect that similar costs will be incurred in future rate years.

Name of Respondent:

John Currie
James Molloy

Date of Reply:

August 18, 2010

RAV-157_Attach 1
Niagara Mohawk Power Corp.
Rate Year 2011 Storm Costs

	Deferrable Major Storm	Non-deferrable Major Storm	Total Major Storm	Total Minor Storm
Total Historic Test Year Storm Costs	\$55,971,640	\$18,086,136	\$74,057,776	\$8,220,962
Historic Test Year Deferred Storm Costs (IR DPS343 CVB-23)	\$44,957,075	0	\$44,957,075	0
Historic Test Year Storm Costs Excluding Deferrals	\$11,014,565	\$18,086,136	\$29,100,701	\$8,220,962
Rate Year 2011 Inflation Rate	5.13%	5.13%	5.13%	5.06%
Total Rate Year 2011 Storm Costs Excluding Deferrals (IR DPS-343 CVB-23)	\$11,579,923	\$19,014,465	\$30,594,388	\$8,637,334
Less Non-incremental Costs				
Base Labor		\$8,095,783	\$8,095,783	\$1,818,825
Variable Pay		\$973,246	\$973,246	\$196,314
Contractor Exclusion			\$0	
Total Incremental Costs per DPS-343 CVB-23	\$11,579,923	\$9,945,436	\$21,525,359	\$6,622,195
<u>Base labor breakdown</u>				
From Niagara Mohawk	\$0	\$7,742,216	\$7,742,216	\$1,814,456
From Affiliates	\$0	\$353,567	\$353,567	\$4,369
Total	\$0	\$8,095,783	\$8,095,783	\$1,818,825
<u>Historic test year costs by expense type</u>				
Contractors	8,354,155	35,632,668	43,986,824	980,304
Employee Expenses		889,757	889,757	225,019
Hardware		1,373	1,373	
Other		(43,218,533)	(43,218,533)	32,530
Service Co Operating Costs		18,876	18,876	26
Supervision & Admin		693	693	-
Sales Tax		139,162	139,162	3,686
Materials Outside Vendor		639,313	639,313	25,998
Materials From Inventory		1,519,938	1,519,938	1,182
Materials Stores Handling		247,625	247,625	315
Other Benefits		256,637	256,637	4,024
Transportation		1,958,573	1,958,573	773,423

Date of Request: August 11, 2010
Due Date: August 23, 2010

Request No. VVP-33
NMPC Req. No. NM 983 DPS-614

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Staff Infrastructure Panel

TO: Infrastructure and Operations Panel

Request:

1. The IOP rebuttal testimony at page 21 of 167 states, "The Transmission Station Failures budget accounts for only a small proportion of the overall spend on damage/failures. The remaining spend comes from the overall 'Budgetary Reserve' line ... which the Company uses to balance its overall spending budget."
 - a) Please identify the dollar amounts of the overall "Budgetary Reserve" line referred to above for FY11, FY12, FY13 and FY14.
 - b) If the amounts are negative, explain how the negative amounts can be used to fund the remaining spending for transmission station failures, for example.

Response:

1.a) The Budgetary Reserve line for FY11, FY12, FY13 and FY14 are negative \$21.5 million, \$36.3 million, \$37.4 million and \$36.9 million, respectively.

1.b) All Budgetary Reserve values are negative. The Reserve line is used to balance the forecasted spend for the fiscal year to the budget for the fiscal year. The Reserve line balances the Company's forecast of potential projects with the amount approved in the Business Plan budget. This allows the Company to manage its budget in the face of circumstances such as delays in project spend, cancelled projects, and projects completed for less than estimated spend. The Budgetary Reserve amount represents a forecast of the amount of work that may be moved into the future if any of these above circumstances occur. It is expected that reduced project spending due to these circumstances will occur by at least the amount shown in the Reserve, therefore, those dollars would be available to cover the spend for Transmission Station Failures.

Name of Respondent:
Tom Sullivan

Date of Reply:
August 20, 2010

Date of Request: August 11, 2010
Due Date: August 23, 2010

Request No. VVP-34
NMPC Req. No. NM 984 DPS-615

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Staff Infrastructure Panel

TO: Infrastructure and Operations Panel

Request:

Please state whether the \$11.9 million -FY08, \$14.1 million FY09, and \$10.4 million FY10 mentioned on page 22 of 167 of the IOP rebuttal testimony were associated entirely with Transmission Station Failures. Provide supporting work-papers showing how these expenditures were incurred.

Response:

As the Company explained in its rebuttal testimony, "the Transmission Station Failures budget accounts for only a small proportion of the [Company's] overall spend on damage/failures" (page 21 of 167). The \$11.9 million-FY08, \$14.1 million-FY09, and \$10.4 million-FY10 amounts mentioned on page 22 of 167 of the IOP rebuttal testimony represent the Company's entire expenditure on Damage/Failure. The corresponding actual Transmission Station Failures spending reflected in these overall annual amounts are: FY08--\$931,782, FY09--\$927,812, and FY10--\$1,591,520, as shown on page 22 of 167, lines 1-2.

The entire Damage/Failure budget represented by the \$11.9 million FY08, \$14.1 million FY09, and \$10.4 million FY10 includes expenditures on: unforeseeable transformer failures (walked in from the Budgetary Reserve), multiple low cost damage/failure projects, the Transmission Line Replacements budgetary reserve, the Transmission Station Failures budgetary reserve, the Transmission Storm budgetary reserve, Visual Grade 6 Tower replacements and the Wood Pole Management strategy.

The Transmission Station Failures budgetary reserve (Project C03792) is intended to cover the failures of station equipment less than \$100,000. For equipment damage/failures greater than \$100,000, individual funding projects are created under the Other Damage Failure spending program.

Attachment 1 (VVP-34_Attach1) lists all work orders in the Transmission Station Failures and Other Damage/Failure spending rationale for the years FY08 – 10.

Name of Respondent:
Alan Roe

Date of Reply:
8/20/10

Date of Request: August 11, 2010
Due Date: August 23, 2010

Request No. VVP-36
NMPC Req. No. NM 986 DPS-617

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Staff Infrastructure Panel

TO: Infrastructure and Operations Panel

Request:

1. The IOP rebuttal testimony at page 22 of 167 states, "The replacement cost for transformer failures is currently not included within the Damage/Failure budget. The procurement, installation and commissioning costs for these failures are walked-in to the business plan and projects are walked out of the plan or the 'Budgetary Reserve' line is adjusted to manage the overall budget."
 - a) Explain why the cost of replacement for unforeseeable transformer failures should now be included in the Damage/Failure budget as proposed in the IOP rebuttal testimony.
 - b) Confirm that projects walked-in to the business plan are funded by unused budgeted expenditures for projects that were originally included in the business plan but were ultimately delayed, cancelled, walked-out or completed below the forecast cost. If no, explain in detail how walk-in projects are funded.
 - c) Assume that all projects included in the business plan are completed at the forecast cost (no project is delayed, cancelled, walked-out or completed above or below the forecast cost); explain in an example, how the 'Budgetary Reserve' line can be adjusted to manage the overall budget while still funding a walk-in project.

Response:

- a) In its testimony, the Staff Infrastructure Panel ("SIP") stated "we think that the Company should strive to minimize its budgetary reserves" and "the Company should have a clearer understanding of what projects are likely to be undertaken and at what cost, especially in the near-term." SIP Testimony, p. 66. The Company agrees with Staff on these points. As a result, going forward the Company intends to include the costs for the procurement, installation and commissioning of the replacements for the unforeseeable transformer failures that will continue to occur within the Damage/Failure

budget. The investment level has been set using the historic level of failures cited and acknowledged in the SIP's testimony and the IOP's rebuttal testimony, respectively.

In addition, in its testimony, the SIP proposed downward adjustments to the Budgetary Reserve, Station Failures and Transformer Replacement programs. Reductions in all three of these areas would prevent the Company from being able to implement all the projects in the infrastructure plan and to manage the transformer failures when they inevitably occur. Therefore, the Company wanted to make it clear that transformer failures were currently not explicitly budgeted but going forward they would be and therefore should be included as part of the investment plan in the Damage / Failure budget.

- b) Projects that are walked-in to the business plan are funded by both budgetary reserves and unused budgeted expenditures for projects that were originally included in the business plan but were ultimately delayed, cancelled, walked-out or completed below the forecast cost.
- c) If all projects included in the investment plan are completed at the forecast cost (no project is delayed, canceled, walked-out or completed above or below the forecast cost), then the Company would be unable to meet its budget. This is because the "budgetary reserve" line is used to manage to an approved budget with the assumption that projects will be delayed, canceled, walked out or be completed below their forecast cost. For example, if the approved budget is \$100 million, the Company could manage this by including work of \$115 million in the investment plan, balanced with a reserve of negative \$15 million. However, if all work in the plan is completed at the budgeted amounts, then the Company will have overspent the budget by \$15 million. However, this is an unlikely scenario, and in such circumstances the Company would likely anticipate the potential overspend and reduce the level of work to meet the budget.

Name of Respondent:

Alan Roe

Date of Reply:

08/22/2010

Date of Request: August 12, 2010
Due Date: August 23, 2010

Request No. DAG-58
NMPC Req. No. NM 987 DPS-618

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Denise Gerbsch

TO: Revenue Requirement Panel

Subject: Follow up to DAG-3 SUPP 2, Attachments A and B

Request

The Company's provides Attachments A and B in its response to DAG-3 SUPP 2, which include a listing of invoices and the charges coming through as company 36 or 99, with a total payable and a total sum to Niagara Mohawk electric.

1. For each Alston and Bird invoice shown on Attachment A that is coming through as a Company 99 charge, please provide the associated billing pool that each was assigned in allocating the total invoice charge.

Response:

1. Please refer to Attachment 1 to DAG-58 for the associated billing pool for each Alston and Bird invoice shown on Attachment A of DAG-3 SUPP 2.

Name of Respondent:
James Molloy

Date of Reply:
August 22, 2010

Niagara Mohawk Power Corporation
d/b/a National Grid
Case 10-E-0050
Attachment 1 to DAG-58
Sheet 1 of 1

NIAGARA MOHAWK POWER CORPORATION d/b/a NATIONAL GRID (COMPANY 36)
Alston and Bird - Billing Pool
12 Months Ending September 2009

Sum of Total Payables \$					
Vendor	Jrnl Id	Invoice No	Billing Pool	Allocation %	Total
ALSTON & BIRD LLP	AP00199426	10226847-D2	00233	56.43%	20,814.80
		10249882	00233	56.43%	15,726.05
	AP00199426 Total				36,540.85
	AP00203129	10256855	00236	44.55%	34.89
	AP00203129 Total				34.89
	AP00205491	10256846	00233	56.43%	462.25
	AP00205491 Total				462.25
	AP00207592	10264811	00236	44.55%	6,041.60
	AP00207592 Total				6,041.60
	AP00208768	10273433	00236	44.55%	3,965.40
		10273438	00233	56.43%	926.20
	AP00208768 Total				4,891.60
	AP00216524	10264804	00233	56.43%	10,534.30
		10276640	00233	56.43%	4,128.81
		10276649	00236	44.55%	1,530.00
		10276684	00238	54.43%	3,485.60
	AP00216524 Total				19,678.71
	AP00216854	10283721	00236	44.55%	35,844.70
	AP00216854 Total				35,844.70
	AP00221760	10283714	00233	56.43%	10,019.30
		10283754	00238	54.43%	33,607.10
		10290236	00233	56.43%	7,977.46
		10290242	00236	44.55%	39,333.75
		10290259	00238	54.43%	20,819.35
	AP00221760 Total				111,756.96
	AP00228043	10296336	00233	54.01%	17,983.45
		10296347	00236	44.21%	686.60
		10296371	00238	54.68%	10,140.20
	AP00228043 Total				28,810.25
	AP00234810	10308238	00233	54.01%	26,468.57
	AP00234810 Total				26,468.57
	AP00243136	10316427	00236	44.21%	2,397.40
	AP00243136 Total				2,397.40
ALSTON & BIRD LLP Total					272,927.78
Grand Total					272,927.78

Charged to
NIMO Electric
11,746.01
8,874.37
20,620.38
15.54
15.54
260.85
260.85
2,691.72
2,691.72
1,766.71
522.66
2,289.37
5,944.61
2,329.93
681.66
1,897.04
10,853.24
15,969.89
15,969.89
5,653.99
18,290.67
4,501.76
17,524.34
11,330.94
57,301.71
9,713.41
303.56
5,544.67
15,561.64
14,296.48
14,296.48
1,059.94
1,059.94
140,920.76
140,920.76

[FERC Monitoring]

Date of Request: August 13, 2010
Due Date: August 23, 2010

Request No. CVB-31
NMPC Req. No. NM 992 DPS-623

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Christian Bonvin

TO: Infrastructure and Operations Panel

Request:

On page 58 of 167 of the Infrastructure and Operations Panel's Rebuttal Testimony, the Company states that project C36274 is a "sub project" of Project C33173.

1. Please indicate why this project is a "sub project" in the budget and not a standalone item.
2. Please describe how the Company uses "sub projects" and why this process has not been identified as part of its description of its budget process.
3. Please include documentation in support of how the "sub project" process works, when it is applied, how spending within the project is tracked, etc.
4. Please list all "sub projects" contained in the five year budget and the projects the "sub projects" are associated with.

Response:

1-4. At the time the FY2011-FY2015 capital plan was being developed, the Albany Network Study was known to be underway but had not yet been finalized. The study was far enough along that Distribution Planning understood a large capital project outcome would be required with estimated timing of construction during FY2011 and FY2012. In order to prevent a "walk-in" to the budget of such large size (approximately \$1.5 million per annum), an estimate of capital funding required, using the best information available at the time, was included as one budget line item (C33173). This funding was meant to cover any resulting construction required from the outcome of the study. Project C36274 is one of the resulting projects and its initial funding would have been included in the C33173 budget. As estimates for the resulting pieces of the study progress, the newly estimated required funding will be included in subsequent capital plans under the project structure deemed appropriate in the capital planning process.

The term "sub-project" as used on page 58 of 167 of the Infrastructure and Operations Panel's Rebuttal Testimony was used to indicate that C36274 was a project resulting from the Albany Network Study and that its funding was provided for in project C33173 - so that it was not a

replacement project. Occasionally, Distribution line projects may be broken into more than one project to separately track phases or give the ability to report on different portions of a project.

“Sub Project” is not a term consistently used within the capital budgeting process.

Name of Respondent:
Glen DiConza

Date of Reply:
08/22/2010

Date of Request: August 13, 2010
Due Date: August 23, 2010

Request No. CVB-32
NMPC Req. No. NM 993 DPS-624

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Christian Bonvin

TO: Infrastructure and Operations Panel

Request:

Beginning on page 60 of 167 of the Infrastructure and Operations Panel's Rebuttal Testimony, the Company discusses its Mercury Vapor (MV) Replacement program. The following questions relate to this discussion.

1. The Company states its basis for the Mercury Vapor Replacement program is pending legislation that will terminate the production of mercury vapor lamps beginning in 2016. Please indicate why the Company is proposing to eliminate all mercury vapor fixtures by 3/31/13, nearly three years before production may possibly be stopped. Please indicate how inventory levels of manufacture bulbs factor into the Company's decision.
2. Please indicate how long it would take the Company to replace all MV fixtures at the funding level proposed by Staff.
3. Please identify the number of MV fixtures replaced as part of planned replacement projects performed, as compared to spot replacements, and the total number of MV fixtures replaced for each of the past four years.
4. Do you believe that the funding level proposed by Staff allows for some planned MV replacements projects?

Response:

1. The Company's plan to eliminate MV luminaires over the three (3) year rate plan period is designed to minimize pricing increases and supply depletion anticipated as lamp manufacturing is curtailed following the adoption of the proposed legislation. The program is also structured to optimize resources, and make use of economies of scale to achieve pricing and logistic benefits. The program fosters positive customer satisfaction by promoting energy efficient lighting at a reduced net cost to the customer and maintains lighting color and luminaire style uniformity throughout the community. These project considerations are not achieved through a spot replacement process.

2. Based upon the project estimates and the number of MV luminaires estimated to be in-service at the beginning of 2011, the conversion project would take approximately 13 years to complete at Staff's recommended funding level using the project's anticipated production efficiencies.

3. The Company is unable to segregate the MV luminaires that have been changed as a function of planned projects versus spot inoperative luminaire replacements. The annual quantity of MV luminaires replaced is presented below.

Year	MV Luminaires Replaced
2007	270
2008	2,387
2009	1,543
2010 (To Date)	773

4. Yes. The objective of providing dedicated funding for this conversion program is to enable the conversion work to proceed with minimum impact on the established street lighting capital budget utilized for customer-requested work and/or general end-of-life asset replacement work. As noted in the response to question 2, above, some level of conversion work can occur at the Staff's proposed funding level; however, funding at the Staff-proposed level would significantly delay program completion.

Name of Respondent:
John Walter

Date of Reply:
8/22/2010

Date of Request: August 13, 2010
Due Date: August 23, 2010

Request No. CVB-33
NMPC Req. No. NM 994 DPS-625

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Christian Bonvin

TO: Infrastructure and Operations Panel

Request:

On page 65 of 167 of the Infrastructure and Operations Panel's Rebuttal Testimony, the Company states that "the Company believes that Engineering Reliability Reviews resulting from identification of pockets of poor performance are the appropriate tool to identify mitigations and recommend action."

1. Please provide all Engineering Reliability Reviews performed to date as part of the Pockets of Poor Performance program.
2. Please provide revised Pockets of Poor Performance Strategy (March 2010).
3. Please provide the sanction papers for all projects included in the Pockets of Poor Performance Strategy.
4. Please state why the projects were not specifically identified as part of the original filing or updated filing.
5. Please indicate if any of these projects will result in the elimination of other previously budgeted work (e.g. the project will cover costs previously included in the capex related to inspection and maintenance).

Response:

1. The Rebuttal Testimony should have referenced a local Engineering Review and not the formal 'Engineering Reliability Review' which applies at the feeder level rather than at the pocket level. The term Pocket Reliability Review would have been a more appropriate term to use.

In FY11, to date, each division in Upstate NY has performed three Pocket Reliability reviews and developed proposed actions based on those reviews. Summary information identifying

the reviews and their findings appears in Appendix 1; the summary information shows the variability in root causes and the need for focused and local responses in each case.

2. Please see Attachment 1 (CVB-33_Attach1_Pockets of Poor Performance).
3. Sanction papers are drafted to address projects which have an estimated budget value of greater than \$1M. Pockets of Poor Performance is used in a programmatic manner with individual work identified by the reviews and addressed locally. Thus there have been no sanction papers for the Pockets of Poor Performance Program.
4. Analyses were undertaken with the new Pockets of Poor Performance Strategy after approval earlier this year. At the time of the filing, analysis had not yet commenced.
5. As stated in the rebuttal testimony, it is not expected that remediation work included in a Pockets of Poor Performance project would result in the elimination of other, previously budgeted work. It is expected that a pocket reliability review would identify any such previously identified and budgeted work.

Name of Respondent:

Tony McGrail

Date of Reply:

8/22/2010

Appendix 1: Pockets of Poor Performance Reviews and Recommendations: Q1 FY11

New York West

Frewsburg 6962 - Underwent Repeated Tree Outages

Replace the 65K's on Pole 3 on Bragg Rd with 25k's; Replace the 40k's on Pole 18 on Munson Rd; with 15k's; install new 25k's on Pole 39 on Page Rd (Line 38, TD 5365).

York Center 5352 - Lightning Related Outages and Overloaded Ratio Transformer

Replace ratios with 333 kVA units and install arresters every third pole beyond the ratio (25 locations).

Orangeville 1961 – Repeated Blown Fuses

Install 2-40K fuses on Pole 35 on Center Line Rd to fuse 4.8kv single phase lateral with 400 ft spans; field check for wire slackness.

New York Central

Newport 62257 – Tree Limb, Deteriorated Equipment and Recloser Events

Extended hazard tree review is recommended for all sections of the feeder beyond the recloser on P171 to the next isolation device; infrared the three phase portions of the circuit from the recloser up to the corner of Haskell Rd to identify any overheating components.

Hooper Rd. 62258 – Tree Limb, Phase Balancing

Rephase all single phase taps beyond the recloser up to the corner of Route 8 and Haskell Rd. Move all connections from B or C to A. Extended hazard tree review for all sections of the feeder beyond the recloser on P171 to the next isolation device. Reconductor ~2 miles of 3-phase oh on NYS Route 8 beyond the recloser up to P205 from #4 to 1/0

Lighthouse Hill 41- Repeated Outages Related to Trees and Unknown Causes

Review fusing; initial patrol showed no obvious causes

New York East

Old NYS 30: 39051 – Events Related to Unsectionalized Line Between Recloser

Add sectionalizing switches approximately every mile on Route 30 between the pole 12 and pole 154 reclosers. Perform a coordination study of the 2 reclosers to assure they are coordinated. Change settings as necessary. Have the pole 154 recloser tested for proper operation.

Elm St.: 45053 – Tree, Storm and MVA Related Events

Review Stony Creek/Hadley Road as it will be configured after ongoing construction is completed for the possible addition of a 3Ø recloser.

Manorton Rd: 30351 – Animal, Tree and MVA Related Events

Add animal guards and review animal protection for entire feeder.

Date of Request: August 17, 2010
Due Date: August 27, 2010

Request No. CVB-35
NMPC Req. No. NM 997 DPS-628

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Christian Bonvin

TO: Infrastructure and Operations Panel

Request:

The following question relates to the Infrastructure and Operations Panel's Rebuttal Testimony:

1. On page 99 of 167, the Company states "the Company is willing to direct a reasonable portion of the work that would otherwise have gone to Harlan to other providers in order to better assess Harlan's performance." Please indicate what the Company considers a "reasonable portion" and how it relates to Staff's proposal.

Response:

The Company anticipates that up to 20% of distribution and sub-transmission line construction will be directed to the Distribution Line Construction (DLC) pilot program, competitively bid, or supplied under other contracting arrangements for specialized resources. The specific amount will vary to provide the flexibility needed to manage cost and delivery performance in light of dynamic factors, including workload optimization, work scopes, timing, and specialty skills.

In an effort to continually improve capital plan work delivery, a suite of Key Performance Indicators (KPI) was agreed and implemented with the Alliance contractors and DLC to measure, benchmark, and optimize contract performance on several fronts including safety, environmental, costs, schedule, documentation, and quality. These KPIs are not applicable to individually bid project work as trend data and an on-going relationship are critical to incentivize and drive continuous improvement.

Name of Respondent:
Annemarie Loftus

Date of Reply:
8/27/2010

Date of Request: August 17, 2010
Due Date: August 27, 2010

Request No. CVB-36
NMPC Req. No. NM 998 DPS-629

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Christian Bonvin

TO: Infrastructure and Operations Panel

Request:

The following questions relate to the Infrastructure and Operations Panel's Rebuttal Testimony:

1. Please explain how the Company determined the 25% sampling size for the QA Inspection program discussed on page 116 of 167, including its statistical basis and significance (confidence level, etc.).
2. On page 117, the Company states "audit of data collections results alone may result in reductions of identified work." Please explain why the Company believes that its inspection program may be incorrectly identifying work, particularly where the Company is in the sixth year of a mandated inspection program?

Response:

1. As noted in the testimony, the Company implemented 100% QA/QC in a prior program which was similar in nature to the Inspection and Maintenance Program. This led to the success of the program in terms of improving overall quality of work and increasing accountability, which benefited both the Company and customers. The Company felt that performing 25% QA/QC on work identified from the inspection process would be appropriate given the experience level gained over the last five years since the 2005 Safety Order. Statistical analysis was not performed to determine the 25% QA/QC level.
2. The Company believes it can improve its ability to identify work through inspections. Improvements in data collection will be a continuous process throughout the life of any program such as the Inspection Program. A more robust audit program and the recommendations that would ensue would provide for a process review and continuous evaluation of the Inspection Program. These recommendations may lead to improved descriptions of codes, improvements to technology, etc.

Name of Respondent:

John Gavin

Date of Reply:

8/24/2010

Date of Request: August 17, 2010
Due Date: August 27, 2010

Request No. VVP-37
NMPC Req. No. NM 999 DPS-630

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Christian Bonvin

TO: Infrastructure and Operations Panel

Request:

Reference page 115 of 167 of the IOP rebuttal testimony. For Activity TO1166 – Perform Aerial Patrol – Post Fault, please provide:

- a) The actual spending for each of the four months for FY11.
- b) The actual number of post fault emergency patrols conducted for each of the four months for FY11.
- c) The actual number of miles patrolled during the post fault emergency patrols for each of the four months for FY11.
- d) Supporting calculations for the anticipated \$321,000 annual cost.

Response:

- a. The actual spending for each of the four months for FY11 is as follows:

	April	May	June	July		YTD Cost (Apr 1st -July 31st)
Contractor #1	\$ -	\$ -	\$ 36,360	\$ -	June 23rd - 26th Patrols (2 Helicopters)	\$ 36,360
Contractor #2	\$ -	\$ -	\$ -	\$ 93,946	July 12th - 31st Patrols	\$ 93,946
Total	\$ -	\$ -	\$ 36,360	\$ 93,946		\$ 130,306

The table above records the cost of the work during the month of the activity. However, the receipt of invoices from the vendors and accounting for the costs may not be reflected in these months. The numbers were derived from actual invoices received from the vendors to correspond with the patrols completed during these time periods. Due to clerical lags, invoices are often not received until a month after work is performed and accrual estimates may not accurately capture all the costs incurred.

- b. The actual number of post fault emergency patrols conducted for each of the four months for FY11 is as follows:

	April	May	June	July
Contractor #1			47	
Contractor #2				30
Total	-	-	47	30

Annualized # of Lines Flown	
	141
	90
	231

The nature of the incidents drives the cost differential in each month. The patrols that occurred in June related to follow-up from the Ottawa, Ontario earthquake on June 23rd. Two helicopters flew 47 lines within a 125 mile radius in 4 days. The patrols that occurred in July were storm-related and involved flying 30 lines over 3 weeks, including weekends, stand-by time, and ferrying costs from the hangar to the patrol area.

- c. The actual number of miles patrolled during the post fault emergency patrols for each of the four months for FY11 is as follows:

	April	May	June	July
Contractor #1	-	-	725	-
Contractor #2	-	-	-	821
Total	-	-	725	821

Annualized Miles for Lines Flow	
	2,175
	2,462
	4,637

The nature of the incidents drives the per miles patrolled cost differential. In June, the helicopters were already operating in the vicinity of the earthquake impact area. As a result, ferrying costs were kept to a minimum. It should be noted that ferrying miles are not included in the patrol mile figure. In July, the Company incurred many costs not directly related to the number of miles flown, such as ferrying costs to and from Syracuse, weekend overtime, stand-by time, and higher per diems due to the 3 week patrol period.

- d. Supporting calculations for the anticipated \$321,000 annual cost are as follows:

	April	May	June	July
Contractor #1	\$ -	\$ -	\$ 36,360	\$ -
Contractor #2	\$ -	\$ -	\$ -	\$ 93,946
Total	\$ -	\$ -	\$ 36,360	\$ 93,946

Annualized Cost (Current x 3)	
\$	109,080
\$	281,838
\$	390,918

Note: the increase from the \$321,000 reflected in the rebuttal testimony to the \$391,000 calculated above includes four days not captured in the rebuttal response, as well as a more complete dollar figure for emergency patrol costs that were ongoing at the time the rebuttal was being prepared.

Name of Respondent:

Matt Bard
Nick Gibson
Kathy Hammer
Jim McGrath

Date of Reply:

8/26/2019

Date of Request: August 17, 2010
Due Date: August 27, 2010

Request No. WEL-24
NMPC Req. No. NM 1000 DPS-631

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: William Lysogorski

TO: Infrastructure and Operations Panel

Request:

1. On pages 51 thru 53 of 167 of the Infrastructure and Operations Panel Rebuttal Testimony, the Company discusses its Distribution RTU Program. The following questions relate to this discussion.
 - a. Please provide an updated schedule for the 88 RTU replacements, include a list of the Stations and the associated cost (provide the estimated cost for each Station) to replace existing obsolete RTUs.
 - b. Please provide a list of the 32 original and the 24 additional stations receiving new distribution RTU installations, include the estimated cost for each station and the start /in-service date for each.
 - c. Please provide the number of RTUs installed in CY10 include the stations where RTU's were installed and the actual cost for each installation.
 - d. The Company's RAV-3 year to date report for the month of June, CY10, shows a variance of (\$1,220,605) for CY10 EMS Expansion Actuals vs Forecast. The report explains that the EMS Expansion is on hold pending a review of the overall strategy, yet the Company is recommending that the Staff's proposed adjustments be rejected. Please explain in detail how this effects the Company's recommended capital investment levels for FY11 thru FY14.
2. On page 53 of 167 of the Infrastructure and Operations Panel Rebuttal Testimony, the Company states RTUs at stations will improve energy efficiency by controlling line losses through phase balancing.
 - a. For years 2006 to YTD, please provide a list of RTU equipped distribution substations where phase balancing has occurred. Include the estimated reduction in line losses.
 - b. Please explain the process whereby the phase loading data collected is reviewed and addressed when required. Include the percent of unbalance that triggers remediation.

Response:

- 1a) Table 1 below lists the 88 stations identified for RTU replacements, their estimated costs and approximate in service dates. Thus 6 RTU replacement projects have been completed in FY10. Estimates and in service dates are subject to change as further work scopes and outage availability become further defined.

Table 1

RTU Site	Total RTU's	Status	Estimate	Completion
Spier Falls	1	Engineering Complete	275,000	FY11
Reynolds Rd	1	Complete	556,000	FY11
Dewitt	1	Engineering Complete	417,000	FY11
Phillips Road	1	Complete	135,000	FY10
Mohican	1	Complete	209,000	FY10
Queensbury	1	Complete	485,000	FY10
North Creek	1	Complete	209,000	FY10
Rosa Rd 2	1	Engineering Complete	209,000	FY11
Marcy 345	1	Complete	70,000	FY10
Marcy 765	1	Complete	70,000	FY10
Peat Street	1	Engineering Complete	139,000	FY11
Adirondack	1	Engineering Complete	207,000	FY11
Plattsburgh	1	Engineering Complete	245,000	FY11
Lowville	1	Engineering Complete	105,000	FY11
Albion	1	Engineering Complete	139,000	FY11
Alabama SW	1	Engineering Complete	110,000	FY11
Ischua	1	Engineering Complete	110,000	FY11
Oakfield	1	Engineering Complete	139,000	FY11
Valley SW	1	Engineering Complete	174,000	FY11
Brady	1	Engineering Complete	139,000	FY11
Pyrites Sw	1	Engineering Complete	110,000	FY11
Bridge St	1	Engineering Complete	139,000	FY11
Brighton Ave	1	Engineering Complete	139,000	FY11
Deerfield	1	Engineering Complete	209,000	FY11
East Pulaski	1	Engineering Complete	168,000	FY11
East Watertown	1	Engineering Complete	140,000	FY11
Elnora	1	Engineering Complete	140,000	FY11
Euclid	1	Preliminary Engineering	140,000	FY12
Farmington	1	Preliminary Engineering	202,000	FY12
Franklin Falls	1	Preliminary Engineering	110,000	FY12
Fraser	1	Preliminary Engineering	202,000	FY12
Getzville-(AKA Stn 60)	1	Preliminary Engineering	279,000	FY12
Gibson	1	Preliminary Engineering	131,000	FY12
Golah	1	Preliminary Engineering	140,000	FY12
Grooms	1	Preliminary Engineering	209,000	FY12
Hamilton Rd	1	Preliminary Engineering	110,000	FY12
Headson	1	Preliminary Engineering	140,000	FY12
Hopkins Rd	1	Preliminary Engineering	209,000	FY12
Indian River	1	Preliminary Engineering	140,000	FY12
Kenmore (Sta 64)	1	Preliminary Engineering	70,000	FY12
Lawrence Ave	1	Preliminary Engineering	140,000	FY12
Machias	1	Preliminary Engineering	140,000	FY12
Malta	1	Preliminary Engineering	140,000	FY12
Maplewood	1	Preliminary Engineering	209,000	FY12
Moon Switch	1	Preliminary Engineering	110,000	FY12
N. Catskill	1	Preliminary Engineering	202,000	FY12
N. Lakeville	1	Preliminary Engineering	140,000	FY12
N. Leroy	1	Preliminary Engineering	209,000	FY12
Niagara	1	Preliminary Engineering	205,000	FY12
North Carthage 1	1	Preliminary Engineering	209,000	FY12
Oakdale	1	Preliminary Engineering	275,000	FY12
St. Lawrence	1	Preliminary Engineering	240,000	FY12
Sta 041	1	Preliminary Engineering	125,000	FY12
Swann Rd	1	Preliminary Engineering	140,000	FY12
Willis	1	Preliminary Engineering	202,000	FY12
Youngstown	1	Preliminary Engineering	110,000	FY12
Zimmerman Switch	1	Preliminary Engineering	110,000	FY12
Attica	1	Conceptual Engineering	140,000	FY13
Border City	1	Conceptual Engineering	110,000	FY13
Cobble Hill	1	Conceptual Engineering	285,000	FY13
Cobleskill	1	Conceptual Engineering	285,000	FY13
Depew	1	Conceptual Engineering	110,000	FY13
ERCC	1	Conceptual Engineering	110,000	FY13
Erie St	1	Conceptual Engineering	135,000	FY13
Gardenville (F-NYSEG)	1	Conceptual Engineering	175,000	FY13
N. Broadway	1	Conceptual Engineering	285,000	FY13
NASC (N. Albany Svc. Ctr)	1	Conceptual Engineering	285,000	FY13
Pannell 122A 115kV & 345kV	1	Conceptual Engineering	285,000	FY13
PCC 1	1	Conceptual Engineering	285,000	FY13
PCC 2 (Was CRCC)	1	Conceptual Engineering	285,000	FY13
Pebble Hill	1	Conceptual Engineering	140,000	FY13
Peterboro	1	Conceptual Engineering	209,000	FY13

- 1b. Table 2 below lists the original 32 stations identified for the installation of RTU's in WEL-4, their estimated costs, and approximate in service dates for those RTU's projects that are currently being engineered. For those projects with in service dates of FY11, final engineering has been completed and material is on order. Budgetary estimates of \$250,000 have been used for those locations which have not been scoped.

Table 2

WEL-4 RTU Additions - 32 Original Stations						
Substation	Division	State	Voltages (kV)	FERC	Estimated Cost	In Service
Station 068	West	NY	23, 4.2	D	\$250,000	FY13
Station 127 - Delaware Rd	West	NY	23, 4.2	D	\$250,000	FY13
Station 058	West	NY	34.5, 4.2	D	\$250,000	FY13
Station 124 - Alameda Ave	West	NY	34.5, 4.2	D	\$250,000	FY13
Chatauqua	West	NY	34.5, 4.8	D	\$352,000	FY12
Middleburgh	West	NY	69, 13.2	D	\$300,000	FY12
French Creek	West	NY	34.5, 13.8	D	\$308,000	FY12
Barker	West	NY		D	\$363,000	FY12
Richmond	West	NY	34.5, 13.2	D	\$363,000	FY12
Indian Lake Station 310	East	NY	34.5, 4.8	D	\$250,000	FY13
Schuylerville Station 39	East	NY	34.5, 4.8	D	\$300,000	FY12
Ballina Station 221	Central	NY	34.5, 13.2	D	\$319,000	FY12
Niles Station 294	Central	NY	34.5, 13.2	D	\$99,000	FY12
Fort Gage Station 319	East	NY	34.5, 13.2	D	\$250,000	FY13
Selkirk Station 149	East	NY	34.5, 13.2	D	341,000	FY12
Delanson Station 269	East	NY	69, 13.2	D	\$250,000	FY14
Sharon Station 363	East	NY	69, 13.2	D	\$250,000	FY14
Summit Station 347	East	NY	69, 23	D	\$250,000	FY14
Canajoharie Station 31 (To Be Re)	East	NY	69, 4.8	D	\$0	0
Station 054	West	NY	115, 4.2	D	\$250,000	FY13
Station 061	West	NY	115, 4.2	D	\$250,000	FY13
Chadwicks Station 668	Central	NY	115, 13.2	D	\$250,000	FY13
Lehigh Station 669	Central	NY	115, 13.2	D	\$300,000	FY13
Southwood Station 244	Central	NY	115, 13.2	D	\$319,000	FY11
Tully Center Station 278	Central	NY	115, 13.2	D	\$308,000	FY11
Levitt Station 665	Central	NY	115, 4.8	D	\$250,000	FY14
Madison Station 654	Central	NY	115, 4.8	D	\$250,000	FY14
Prospect Hill Station 413	East	NY	115, 13.2	D	\$250,000	FY11
Saint Johnsville Station 335	East	NY	115, 13.2	D	\$250,000	FY14
Butternut	East	NY	115, 13.2	D	\$200,000	FY11
New Krumkill Station 421	East	NY	115, 13.2, 4.2	D	\$250,000	FY12
Glenwood	Central	NY	34.5-4.8	D	\$255,000	FY11

Table 3 below lists the additional 24 stations identified for the installation of RTU's as part of the Company's Rebuttal. Estimated costs are budgetary figures as locations have not been scoped and in service dates are approximate for RTU's projects listed in Table 2.

Table 3

NG Rebuttal RTU Additions - 24 Additional Stations						
Substation	Division	State	Voltages (kV)	FERC	Estimated Cost	In Service
Station 055	West	NY	115, 4.2	D	250,000	FY14
Station 139 - Martin Rd	West	NY	115, 4.2	D	250,000	FY14
Station 129 - Brompton Rd	West	NY	115, 4.3	D	250,000	FY14
Bremen Station 815	Central	NY	115, 13.2	D	250,000	FY14
Bridgeport Station 168	Central	NY	115, 13.2	D	250,000	FY14
Dekalb Station 984	Central	NY	115, 13.2	D	250,000	FY14
Delphi Station 262	Central	NY	115, 13.2	D	250,000	FY14
Gilbert Mills Station 247	Central	NY	115, 13.2	D	250,000	FY14
Lake Road No. 2 Station 299	Central	NY	115, 13.2	D	250,000	FY14
New Haven Station 256	Central	NY	115, 13.2	D	250,000	FY14
Raybrook Station 839	Central	NY	115, 13.2	D	250,000	FY14
Stittville Station 670	Central	NY	115, 13.2	D	250,000	FY14
Wine Creek Station 283	Central	NY	115, 13.2	D	250,000	FY14
Clinton Road Station 366	East	NY	115, 13.2	D	250,000	FY15
Crown Point Station 249	East	NY	115, 13.2	D	250,000	FY15
Port Henry Station 385	East	NY	115, 13.2	D	250,000	FY15
Station 086 - Lewiston Heights	West	NY	34.5, 4.8	D	250,000	FY15
Wethersfield Station 23	West	NY	34.5, 5.04	D	250,000	FY15
Avenue A Station 291	East	NY	34.5, 4.2	D	250,000	FY15
Scotia Station 255	East	NY	34.5, 4.2	D	250,000	FY15
Ephratah Station 18	East	NY	69, 23	D	250,000	FY15
Cattaraugus Station 15	West	NY	34.5, 4.8	D	250,000	FY15
Clymer Station 55	West	NY	34.5, 4.8	D	250,000	FY15
Station 087 - Lewiston	West	NY	34.5, 5.04	D	250,000	FY15

- 1c. To date in CY10, no RTU's have been installed, therefore, actual costs are not available. Refer to Table 1 above for the RTU installation schedule to be completed in the remainder of FY11. Many of the RTUs with listed "completion" dates of FY11 are scheduled for installation commencing in November 2010.
- 1d. The EMS Strategy referenced in RAV-3 is currently being revised to reflect both additional stations being added for RTU installations and a recent review of the Company's approach to EMS. The revised strategy is scheduled for DCIG approval in October 2010. Based upon estimates for the RTU installations referenced in Table 1, the Company's recommended investment levels will likely increase if the Strategy is approved by DCIG.
- 2a. A list of RTU equipped substations where phase balancing has occurred is not available. Estimated reductions in line losses are also not available. In previous years, there has not been a formal program for feeder phase balancing. Instead, feeder phase balancing has been performed on an ad-hoc basis to address voltage, loading and reliability issues as they arise within operating areas. There is currently a phase balancing pilot underway in the Company's Eastern Division as described in Attachment 1 (WEL-24_Attach 1_Feeder Balancing Pilot). The feeders selected for the pilot have actual EMS data available with which to complete the pre and post balancing analysis. The Company expects to have the analysis available after calendar year 2012 when a full year of post correction history will be available.
- 2b. The process for reviewing phase balancing for a feeder is dependent on the information available. In some cases, manual peak load readings are obtained at stations not equipped with an RTU. RTU equipped substations have data collected automatically into the ESR2K

application. Manual peak readings and data collected from ESR2K are then collated in the Company's Feedpro database for analysis. Typically, feeder phase balancing is performed on an ad-hoc basis to address voltage, loading and reliability issues as they arise within operating areas. Phase unbalance criteria for evaluation in the feeder balancing pilot described in question (2a) are provided on Page 4 of Attachment 1.

Name of Respondent:

John Gavin

Date of Reply:

August 27, 2010

ATTACHMENT I
Report on Losses and Loss Mitigation Options
Case 08-E-0751

8. Proposed Programs

8.1 Proposed Feeder Balancing Program:

As a result of a favorable benefit-cost analysis to reduce losses by improving the distribution feeder load balancing, a pilot program is proposed for National Grid's Eastern Division. The potential loss reduction savings incurred by load balancing in the Eastern Division is assumed to be the highest amongst the divisions.

The effective implementation of load balancing, as described on the benefit-cost analysis, requires the full knowledge of the circuit load profile, which can be obtained by monitoring the feeder loading conditions on an hourly basis via an EMS. The pilot feeder balancing program will then focus only on EMS-equipped distribution feeders. In National Grid's Eastern Division, this corresponds to 68% of the total number of distribution feeders and 70% of the served load. This will be limited by the load allocation program utilized by the Company to optimize the feeder loading. However, the company does anticipate that, if it begins Smart Grid pilots, National Grid may be able to optimize the feeder loading through enhanced loading information that would be provided by the advanced meters.

The current percentage of unbalanced distribution EMS-equipped feeders in the NY-National Grid's Eastern Division is shown as follows:

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Report on Losses and Loss Mitigation Options
Case 08-E-0751

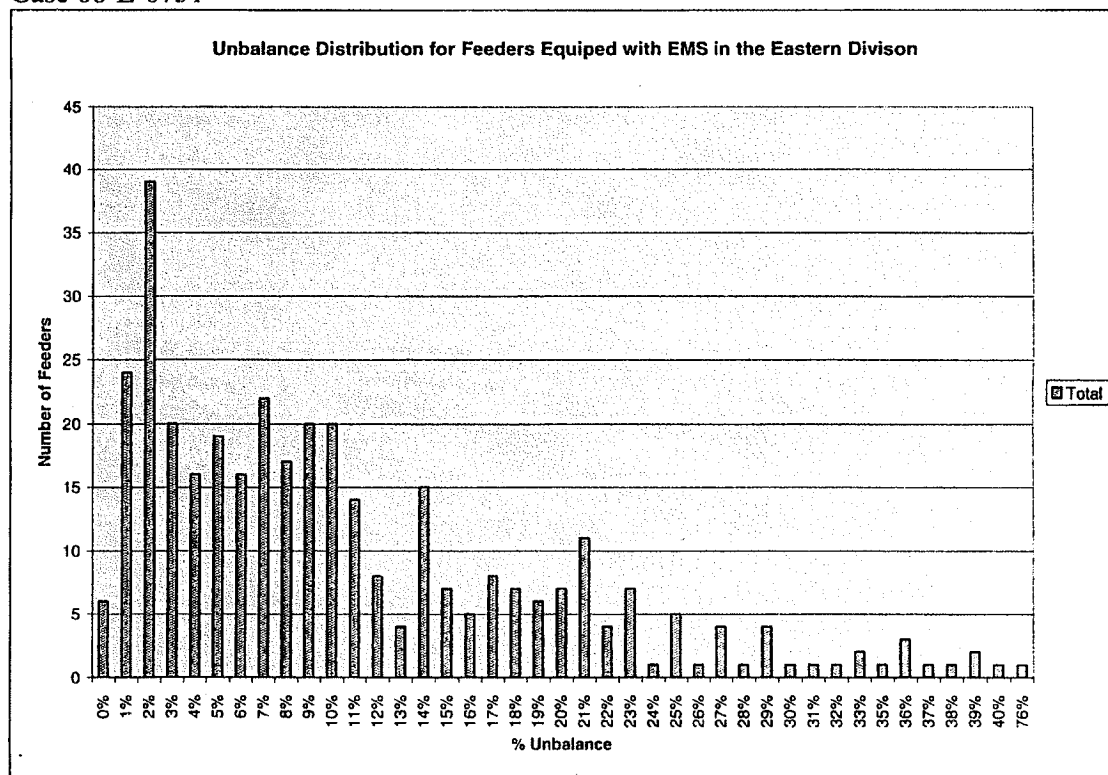


Figure 8-1: Unbalanced Distribution for EMS-Equipped Feeders in the Eastern Division

In terms of served load, Figure 8-2 as follows depicts the cumulative load distribution for all EMS-equipped feeders in the Eastern Division in relation to their percent unbalance.

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Case 08-E-0751

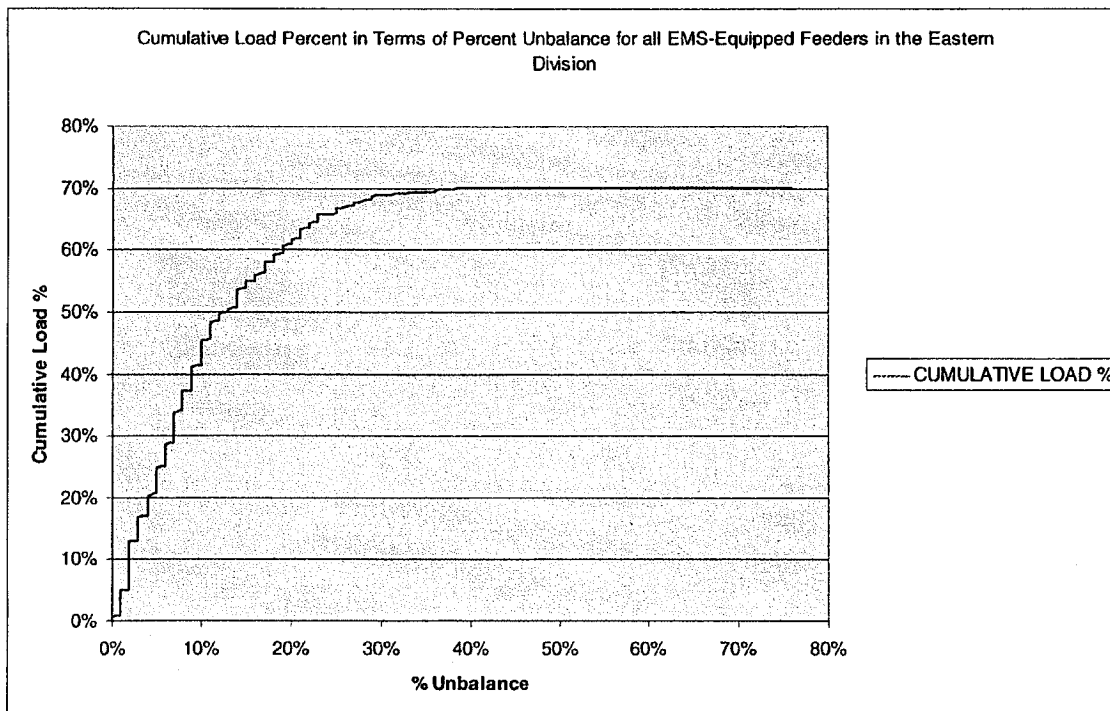


Figure 8-2: Cumulative Load Percent in Terms of Percent Unbalance for all EMS-Equipped Feeders in the Eastern Division

The identification of distribution feeders for which load balancing is economically viable will depend on the magnitude of the served load, and the feeder load unbalance factor. Using a cost estimate of \$435/re-phase, an average of 3 re-phases per feeder to improve the unbalance factor, and the incurred loss reduction savings, the minimum kW loss reduction necessary to justify the load balancing can be calculated. A typical distribution feeder was utilized to estimate how the line losses, in kW, change with load and unbalance factor. The combination of both minimum required loss reduction and typical line loss characteristic curves for different unbalance factors can be used as a reference to help identify potential candidate feeders for load balancing. The results of this analysis can be observed in the following graphic.

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Case 08-E-0751

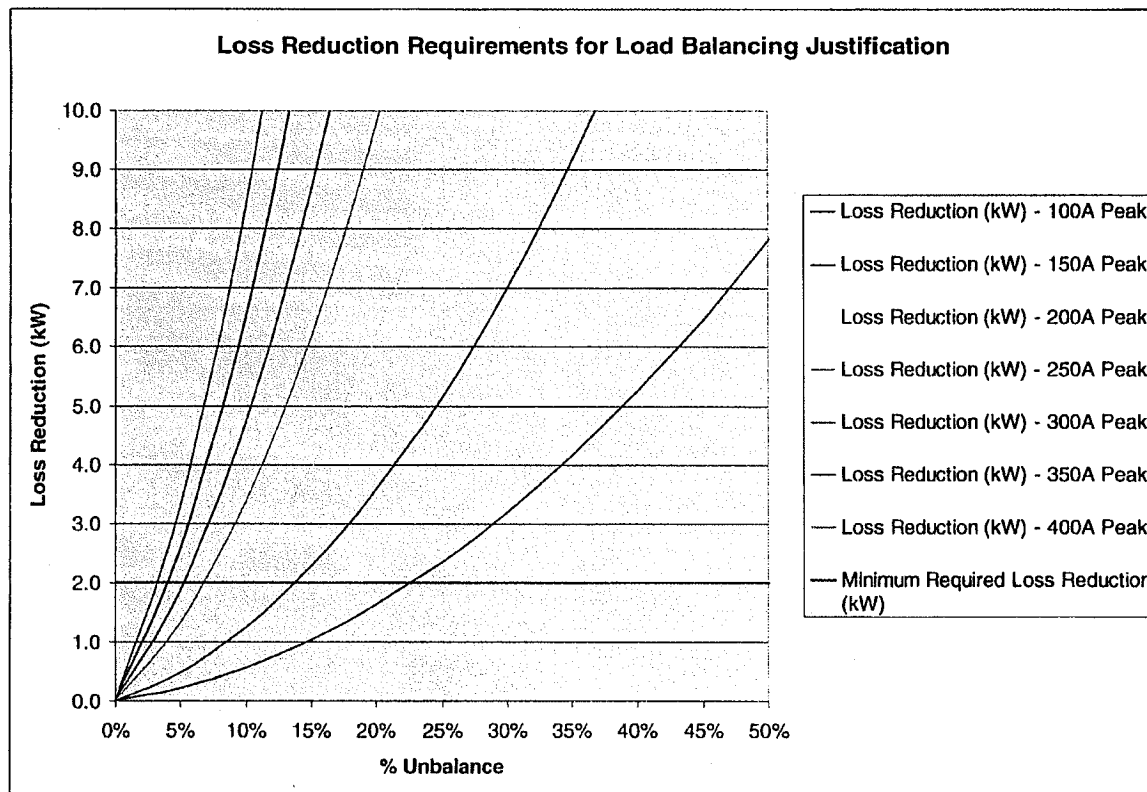


Figure 8-3: Reference Chart for Loss Reduction Requirements for Load Balancing Justification

Based on the graphic shown in Figure 8-3, a total of 135 EMS-equipped feeders have been identified for load balancing in accordance with the following criteria.

Criteria	Number of Feeders
Feeders <100A, %UNB ≥25%	8
Feeders 100A - 200A, %UNB ≥15%	35
Feeders 200A - 300A, %UNB ≥10%	59
Feeders >300A, %UNB ≥7%	33
Total :	135

Table 8-1: Criteria for Identification of Feeders for Load Balancing

For the purposes of this proposed pilot program, load balancing is achieved only by means of phase changes in the field. When a feeder requires more than phase changes for effective load balancing, such as installation of additional phase(s) to

ATTACHMENT I

Report on Losses and Loss Mitigation Options

Case 08-E-0751

long single phase laterals, the magnitude of loss reduction savings is not sufficient to justify the required capital investment and shall be avoided.

The revenue requirements and proposed timeframe for the implementation of this pilot program are summarized in Table 8-2 as follows.

Year	Required Investment
2010	\$88,740
2011	\$90,060
Total:	\$178,800

Table 8-2: Pilot Program Required Investments

It is estimated that the implementation of this program will incur a total of 808 MWh/year in loss savings.

It should be noted that where service interruptions are necessary to effectuate the re-phasing of circuits, these interruptions should not be included in the Company's reliability metrics.

Date of Request: August 19, 2010
Due Date: August 30, 2010

Request No. VVP-39
NMPC Req. No. NM 1039 DPS-634

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Staff Infrastructure Panel

TO: Infrastructure and Operations Panel

Request:

1. The IOP rebuttal testimony at page 25 of 167 states, "In the Company's response to IR DPS-415 (VVP-29), we stated that the cost per span (to bring it up to code) was expected to average about \$75,000. However, we also stated that for four projects (C31136, C31137, C31138, and C31141) the conceptual cost to correct each substandard span was approximately \$105,000 - \$150,000."
 - a. Identify where in the Company's response to VVP-29 (response to which question) the Company stated that "for four projects (C31136, C31137, C31138, and C31141) the conceptual cost to correct each substandard span was approximately \$105,000 - \$150,000."
 - b. Identify where in the Company's response to VVP-29 conceptual costs from approximately \$105,000 to \$150,000 could be developed (if it was not specifically stated).
 - c. Confirm that the conceptual cost to correct each substandard span mentioned in response to question 1.d. of VVP-29 ranged from approximately \$76,500 to \$97,800.
 - d. Confirm that the conceptual cost to correct the average substandard span mentioned in response to question 1.d. of VVP-29 was \$82,000.
 - e. Confirm that the conceptual cost to correct the average substandard span mentioned in response to question 1.d. of VVP-29 included costs for live line work similar to some projects identified in Exhibit_(IOP-4R) of the IOP rebuttal testimony.

Response:

In responding to this IR, the Company identified some inaccuracies in the information presented in the rebuttal testimony, and also identified the need to update and clarify information included in the response to IR VVP-29. Below, the Company provides specific responses to the questions presented in this IR, followed by background information on the Conductor Clearance Strategy and details of the cost estimates to address clearance issues on a per span basis. To the extent corrections to the rebuttal testimony are necessary, they are briefly described below, and will be formally presented at the hearings.

1.a. The rebuttal testimony incorrectly referenced the response to IR VVP-29. The response to VVP-29, question 1.d, indicated that the approximate average cost to address a substandard span under the referenced projects was \$82,000.

1.b. The referenced conceptual costs of approximately \$105,000 to \$150,000 can not be directly developed from the information provided in response to VVP-29.

1.c. Based on the information provided in VVP-29, question 1,d, the range of approximate costs per substandard span is \$76,500 to \$97,800.

1.d. The response to VVP-29, question 1,d, indicates that the cost per substandard span is \$82,000.

1.e. The response to VVP-29, question 1,d, states that “[M]uch of the work for these 345kV lines is anticipated to be live line” However, as clarified below, the current estimates of costs for this work do not include additional costs associated with live line work.

Background:

When the Conductor Clearance Strategy Paper SG029 was approved in April 2009, it assumed a typical cost of bringing a substandard span up to code would be \$75,000. While this estimate was an order-of-magnitude estimate, it was based upon experience with conductor clearance refurbishment projects on other areas of National Grid.

Subsequent to the strategy approval, the Company completed conceptual engineering on a number of transmission lines. The conceptual engineering process for conductor clearance refurbishment projects involves a four step approach:

- Conceptual Phase 1 – The “raw” PLS-CADD model is used for comparison against the latest version of the National Electric Safety Code (NESC). Relatively minor quality assurance checking of the model is done.
- Conceptual Phase 2 - For circuits with more than 1% of the spans determined to be Level 1 and 2 substandard spans, the “raw” PLS-CADD model is used for comparison against the governing code of the NESC (if different from the latest version).
- Conceptual Phase 3 – Desktop quality assurance checking is performed based upon the overall cumulative circuit risk.
- Conceptual Phase 4 – Field walk down and final determination of spans failing to meet the governing or current codes.

At the conclusion of Phase 4 to the conceptual engineering process, a conceptual engineering report (CER) is prepared, reviewed, and approved. The Phase 4 CER covers a specific transmission line and provides project cost estimates based upon actual field conditions. (Copies of several CERs were provided with the response to IR VVP- 38.) A conductor clearance refurbishment conceptual engineering report is more detailed than the typical conceptual

engineering report. However, during preliminary and final engineering, the design solutions may change if better engineering solutions are identified.

Another key assumption for estimating the strategy was that only 25% of the spans initially identified as Level 1 or 2 substandard spans during Phase 2 would be confirmed as requiring work after completion of the Phase 4 analysis. The actual result was that approximately 45% of the Level 1 or 2 spans identified during the Level 2 process required correction.

Development of per span estimate:

Table 1 below shows the latest summary of the project related information, primarily derived from the approved CERs.

Table 1. Conductor Clearance Refurbishment Summary Information and Cost Analysis

Ckt ID #	Operating Name	Funding Order	Voltage (kV)	Capital	Removal	O&M	Allowable Variance Used	Total Conceptual Estimate	Estimate Source	Phase 2 Level 1 & 2 Spans	Phase 3 Level	Phase 4 CER spans to fix	% of Phase 2 spans to be corrected	Avg. Capital Cost Per Span	Total Trans. Cost Per Span
T2720	Volney - Clay 6	C31136	345	1,760,000	223,000	112,000	105,000	\$2,200,000	Final CER	32	25	23	71.9%	\$76,522	\$95,652
T2350	Nine Mile Pt One - Clay 8	C31137	345	960,000	95,000	205,000	65,000	\$1,325,000	Final CER	28	13	11	39.3%	\$87,273	\$120,455
T2090	Clay - Teall 10	C31147	115	975,000	129,000	142,000	77,000	\$1,323,000	Draft	27		15	55.6%	\$65,000	\$88,200
T2540	Scriba - Volney 20	C31138	345	577,000	65,000	85,000	37,000	\$764,000	Final CER	28	7	7	25.0%	\$82,429	\$109,143
T2420	Oswego - Lafayette 17	C31141	345	782,000	95,000	48,000	55,000	\$980,000	Final CER	17	9	8	47.1%	\$97,750	\$122,500
T1490	Lockport - Batavia 107	C31149	115	348,000	56,000	26,000	21,500	\$451,500	Final CER	18	6	4	22.2%	\$87,000	\$112,875
T1580	Mortimer - Golah 110	C31150	115	1,000,000	190,000	90,000	0	\$1,280,000	Final CER	34	18	16	47.1%	\$62,500	\$80,000
T1690	Niagara - Lockport 101	C31151	115	143,000	22,000	11,000	4,000	\$180,000	Final CER	0	6	1	*	\$143,000	\$180,000
T1700	Niagara - Lockport 102	C31152	115	0	0	160,000	0	\$160,000	Final CER	41	4	1	4.9%	\$0	\$160,000
T1820	Packard - Huntley 130	C31154	115	2,049,000	287,500	93,500	121,500	\$2,551,500	Final CER	26	18	15	57.7%	\$136,600	\$170,100
T1240 & T1250	Gardenville - Dunkirk 73 & 74	C31153	230	0	0	0	0	\$0	Final CER	17	4	1	5.9%	\$0	-
T1210 & T1220	Gardenville - Buffalo River 145&146	C31155	115	293,000	32,000	440,000	5,000	\$770,000	Final CER	19	23	11	57.9%	\$26,636	\$70,000
T1400 & T1419	Huntley - Gardenville 79 & 80	C31156	230	2,923,000	388,500	484,500	174,000	\$3,970,000	Draft	20		22	110.0%	\$132,864	\$180,455
				Totals								135	45.4%	\$87,481	\$118,185
				Ave/Span									Average	Average	Average

Notes:

- (*) indicates a value of (0).
- The average percentage of spans requiring correction at the end of Phase 4 versus Phase 2 is approximately 45% which is above the strategy SG029 assumption of 25%.
- Substandard Level 3 spans are not included in this analysis.
- Distribution related costs are not included in this analysis. For example, with Funding Order C31153, moving a distribution structure corrects the problem.
- The costs associated with this table do not factor into consideration the increased costs associated with live line work. A decision on whether or not to pursue live-line work is usually made by the conclusion of Step 2A of the Project Management Playbook (preliminary engineering and sanctioning).

Per Table 1, the average capital cost per span is \$87,481. The expected variance typically is $\pm 5\%$. Thus the ranges for de-energized work would be as follows:

Table 2. Average Cost Per Span with Expected Variances

Ave/Span	Capital	Removal	O&M	Total
Variance (-5%)	83,107	11,140	13,349	107,596
Variance (+5%)	91,856	12,312	14,754	118,922

The capital costs per span have an average rounded off range from approximately \$83,000 to \$92,000 for de-energized line work.

However, the costs associated with Table 1 or 2 do not factor into consideration the potential for live line work. This was not clearly stated in the response to VVP-29, question 1.d. Live line work can be expected to increase the cost per span by up to 50% as illustrated in Table 3 below.

Table 3. Average Cost Per Span Utilizing Live Line Work Methods

	Range	Ave/Span	Capital	Removal	O&M	Total
Live line Adjustment - higher	150%	-	124,867	14,633	13,776	153,276

Therefore, the complete range of capital costs to correct conductor clearance issues is approximately \$83,000 to \$125,000, or an average cost of \$104,000 per span.

The average costs described in the IOP rebuttal testimony were based on the total cost of the project, including Removal and O&M. The testimony will be clarified at the hearing to indicate the associated capital-only costs for the conductor clearance work.

Name of Respondent:

Art J. Peterson, Jr.

Keith Tornifoglio

Date of Reply:

Date of Request: August 19, 2010
Due Date: August 30, 2010

Request No. VVP-40
NMPC Req. No. NM 1040 DPS-635

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Staff Infrastructure Panel

TO: Infrastructure and Operations Panel

Request:

1. Please explain what study has been undertaken or on what basis the Company determined that the average cost per span developed from projects shown in Exhibit_(IOP-4R) of the IOP rebuttal testimony represent a true average cost for all spans intended to be remediated under the conductor clearance strategy.
2. Please explain if any normalizing adjustments were conducted to develop the average cost per span shown in Exhibit_(IOP-4R) of the IOP rebuttal testimony. If not, please explain why no normalizing adjustments were conducted.

Response:

1. As discussed in IR DPS-634 (VVP-39), the Company based its estimates on thirteen projects, of which, eleven have completed and approved Conceptual Engineering Reports (CERs) and two currently have draft CERs in the review process. These estimates included line specific field walk downs and analyses. The capital costs per span have an average range of \$83,000 to \$92,000 for de-energized line work and up to \$125,000 for live line work.
2. Since the average cost per span was based upon specific transmission lines following an engineering field verification process, normalizing adjustments were not used. The Company plans to continue the four phase conceptual engineering process described in VVP-39 on a project-by-project basis. These project cost estimates will be used to update the Company's cost projections for each conductor clearance refurbishment project as it is identified. Following construction completion of 10 or more conductor clearance refurbishment projects, the overall strategy cost projection will be re-examined using a revised average cost per span based on actual costs.

Name of Respondent:
Art Petersen

Date of Reply:
8/3/2010

Date of Request: August 20, 2010
Due Date: August 30, 2010

Request No. WEL-25
NMPC Req. No. NM 1046 DPS-637

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: William Lysogorski

TO: Infrastructure and Operations Panel

Request:

1. On pages 90 thru 92 of 167 of the Infrastructure and Operations Panel's Rebuttal Testimony, the Company discusses the benefits of control center consolidation. The following questions relate to this discussion.
 - a. Please provide a detailed explanation or description of best practices the Company follows in the existing control rooms that require consolidation for these practices to be shared. Explain why these practices are not incorporated into System and Electric Operating Procedures and the day -to- day operation of the existing control centers.
 - b. Provide a detailed explanation describing how consolidation leads to a more consistent application of real time monitoring and response to events.
 - c. Provide a detailed explanation describing how consolidation allows for more efficient management of emergency events excluding major storms.
 - d. Provide a detailed explanation describing how consolidation allows for more efficient management of major storms. Include a description of the changes consolidation will make to existing storm procedures.
 - e. For each year, beginning in 2006 thru 2010, provide the number of times the local storm boards were activated in each control area (East, West, & Central); include locality name, example: Albany, Saratoga, Buffalo, etc., the date and duration the storm board was open.
 - f. Provide a detailed explanation of the procedures presently in place for opening local storm boards. Include the rationale for determining the scale (small, medium, or large) of a storm/event. If procedures are to be changed due to consolidation, provide the new procedures as well as current procedures.
2. On page 91 of 167, the Company stated that Staff based its conclusion on the benefits of the consolidation, in part, on the **incorrect** view that consolidation will actually adversely affect

the efficiency of the system operators, and that the benefits from the consolidation arise from the upgraded system s alone. Please explain (a) how the Company derived this conclusion when in Staffs Testimony it stated “considering the fact operators are familiar with the geographic area, area operating personnel, and the areas infrastructure, consolidation would in effect reduce efficiency – Staff Infrastructure Panel Testimony pg 150 lines 5-9; (b) include an explanation of why geographic knowledge would not affect efficiency.

Response:

- 1a. While Niagara Mohawk’s three divisional control centers follow the same operational practices as outlined in the System and Electric Operating Procedures, we believe the three control centers each bring individual efficiencies when implementing these procedures and handling routine operations. The consolidation will allow the interaction of System Operators to collaborate and select best practices while adopting them across the three divisions as well as manage events more consistently across Niagara Mohawk.
- 1b. Consolidation will allow a greater number of resources to be available for events. The vast majority of events rarely impact the entire network simultaneously. Therefore, System Operators from non-affected areas will be in place to monitor and respond to these events. This will allow for a faster restoration process, which under the existing arrangement could be delayed due to local resource constraints until additional System Operators or Field personnel can be contacted and brought on the property.
- 1c. The ability of a consolidated control room to handle a greater number of storm events, not classified as major storms, in place of the local Storm Boards than occurs today is expected to realize savings of approximately \$306K. The savings involves two components; Field Storm Board savings from the reduction of Clerical and Supervisors overtime by not opening the local Storm Boards, and increased crew efficiency by having supervisors, who would normally man the local Storm Boards, in the field with their crews during restoration.
- 1d. We do not anticipate a significant difference with the consolidated control center of the management of major storms versus divisional control centers. A major storm will have local storm boards open that will be manned by local supervision. As stated previously, the consolidated control room will allow additional resources to be placed on restoration since it is rare that all divisions are affected simultaneously by a major event.
- 1e. Notification of local storm board openings is provided to the PSC as the event occurs. However, the Company does not maintain a list of the storm board openings.
- 1f. The procedure we follow to open local storm boards is provided in Attachment 1 (WEL-25_Attach 1_CRCC 3.9). Pages 4 and 5 of the NY Electric Emergency Procedure EEP.01, provided in Attachment 2 (WEL-25_Attach 2_EEP 01), define our Classifications of Emergencies and cross reference our classifications to the PSC storm classifications. We do not anticipate any modifications to EEP.01 due to consolidation.

2. As described above, the Company believes that long-term benefits will be created from consolidation of the control centers. In the short term, the Company does expect that Operator efficiency will be temporarily reduced due to less local knowledge of the area's geography, infrastructure design and Operations personnel. The Company experienced this when it consolidated the Northern Regional Control Center into the Central Regional Control Center in 1998. The new Northern Operators took approximately one year to gain the required knowledge to efficiently perform their duties. It is reasonable to anticipate the same time frame for any new operators to acquire the local knowledge necessary to perform their duties in the consolidation of the three existing control centers.

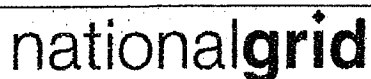
The consolidation will require both a comprehensive training plan for new Operators and incentives for current Operators in the East and West to transfer to the consolidated control center to retain as much local knowledge as practical .

Name of Respondent:

Ted Pytel

Date of Reply:

Aug 230, 2010



SECTION 3: CRCC

TOPIC 3.9: Decentralization During Storms

CRCC MEMOS
& PROCEDURES

This procedure offers guidelines to the Shift Supervisor for making the decision to decentralize during a storm event.

1. A decision to open a line barn storm board and decentralize operations must be made in consultation with the appropriate T&D supervision and the CRCC SS. Regional Operators should communicate any information associated with opening a Line Barn Storm Board to the Shift Supervisor.
2. Triggers that determine when it is necessary to open a storm board:
 - Two qualified operators cannot handle the workload on the desk.
-or-
 - All qualified and available line mechanics are on duty and Trouble Orders are still coming in.
-or-
 - Numerous outages that will last more than six hours
3. CRCC must log the time that the line barn is opened and the time the barn is closed.
 - CRCC SS must run the appropriate ARCOS scenario whenever a line barn is opened or closed and place an announcement that the barn has been opened /closed on the Operating District Message Board.
 - The Line Barn is responsible for the updates of Broadcast Message System and PORD.
4. Opening the line barn, means that the local barn has assumed the duties of trouble dispatch only. This responsibility includes tracking and documenting 911 response in CAD Look UP. Per EOP G014, all switching and tagging must continue to be directed by the controller, CRCC.
5. If the magnitude of the storm warrants, controllership may be delegated to field forces. Again this requires agreement between the CRCC SS and the field supervisor. Per EOP G014 this information must be documented when controllership is delegated to an individual. It must also be documented when controllership is relinquished back to CRCC. When delegated, the "new" controller is responsible for all documentation per EOP G014.

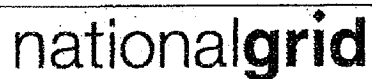
NOTE: Generally, CRCC will delegate controllership of single phase distribution to field forces as deemed necessary and agreed to by the CRCC SS and field personnel. CRCC will normally retain controllership of 3 phase to facilitate tying circuits, sectionalizing, etc.

Approved by

Derek D. Olson
Manager CRCC

Page 1 of 2

02/14/06



CRCC MEMOS & PROCEDURES

SECTION 3: CRCC

TOPIC 3.9: Decentralization During Storms

- In major storms, (ice storm or Labor Day Storm), consideration will be given to delegating 3 phase distribution circuits on a circuit by circuit basis.

6. Trouble Dispatch Responsibility will not be accepted back by CRCC from the Barn until PORD and 911 Documentation is updated to the time of transfer of responsibility.

Approved by

Derek D. Olson
Manager CRCC

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02/14/06

nationalgrid NY ELECTRIC EMERGENCY PROCEDURES MANUAL	Doc No.: EEP.01
	Page: 1 of 6
	Date: 08/01/10 Supercedes: 02/01/10
SUBJECT: CLASSIFICATION OF EMERGENCIES	SECTION: EEP.01

RESPONSIBILITY

It is the responsibility of each Divisional Director Electric Customer Operations or Supt. T&D to closely monitor all emergencies and to evaluate their severity. The importance of evaluation cannot be overstated and must be made at the earliest possible moment of occurrence.

The Director Electric Customer Operations or Supt. T&D has the responsibility to implement emergency procedures within the Region associated with the emergency severity. The respective Vice President-Division Customer Operations as well as the Senior VP Customer Operations and the Emergency Planning shall be immediately notified by the Region of Class III, IV, and V emergencies. A major storm number will be issued by Emergency Planning, by region affected, for every Class IV or V storm event.

MAJOR EVENT

JUSTIFICATION DOCUMENTATION FOR PSC RELIABILITY AND DEFERRAL

Emergency (Major Storm) Evaluation for Class III or Greater Events - The Director Electric Customer Operations or Manager T&D shall evaluate the event from its onset to determine if a major storm classification may be applicable. This evaluation shall be based upon the following criteria:

1. The weather event has caused either ten percent (10%) of the customers in an *Operating Region to experience interrupted service at one point in time during the event; (Reliability and Deferral) or
2. Customers within an *Operating Region have experienced interrupted service for at least twenty-four (24) hours. (Reliability) or
At least 1% or more of customers within an *Operating Region have experienced interrupted service for at least twenty-four (24) hours. (Deferral)

*Note: The New York Operating Regions are Frontier, Genesee, Southwest, Central, Northern, Mohawk, Capital, and Northeast.

To justify that an event has qualified as a major storm for PSC reliability or PSC deferral, Electric Customer Operations will need to fax the following information to Asset Strategy and Performance (fax: 315-460-9124) for review and concurrence. A major storm work order number shall be issued by Emergency Planning on a regional basis.

nationalgrid NY ELECTRIC EMERGENCY PROCEDURES MANUAL	Doc No.: EEP.01
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SUBJECT: CLASSIFICATION OF EMERGENCIES	SECTION: EEP.01

Once all supporting documentation has been reviewed and accepted, an event will be qualified as a major storm for either reliability purposes and/or deferral treatment. Asset Strategy and Performance shall notify Distribution Finance of the results of the review. Distribution Finance shall process the deferral requirements when it is determined the event is qualified. Asset Strategy and Performance shall be responsible for obtaining and retention of all supporting documentation for the classification of major storms for PSC reliability and deferral:

- A. When an event causes ten percent (10%) of the customers in an *Operating Region to experience interrupted service, the documented validation by the Regional Control Center of facility lockouts comprising the ten percent of customers (at one point in time) shall be provided. The validation should include the date and time of the lockout, Operating Region involved, customers affected and restored date and time if restoration of the facility has occurred.
- B. When an event causes an *Operating Region to experience interrupted customer service for more than twenty-four (24) hours, copies of the associated actual interruption (SIR System) tickets completed by the line crews shall be provided for either Reliability or Deferral qualification. In order to process the deferral storm successfully, interruption tickets for 1 percent of the regions customers out of service greater than 24 hours are required. The Power-On order sheets sent by the Regional Control Center are not acceptable. However, the Power On order # should be noted on the interruption ticket. The event qualifies only on SIR interruption tickets. In order to eliminate reporting mistakes, durations and customers affected are to be verified by Electric Customer Operations before sending the interruption tickets to Asset Strategy and Performance for review and concurrence.

Note: Power-On/Portis reporting sheets cannot be accepted at this time as a valid source for justifying the evaluation of events.

- C. If an event necessitates that Mutual Aid assistance will be required by National Grid or other reasons as determined necessary by the Director Distribution Engineering Services, a Work Order Number will be issued by Emergency Planning for that event. However, documentation as noted above to qualify an event as a major storm is still required.

For all major storms the divisions shall capture the following information required in Attachment 1, by region and submit to Director Emergency Planning upon storm completion. Distribution Engineering Services shall provide the information to Distribution Construction for review prior to forwarding to Finance. Each Division requested to provide assistance in National Grid NY service territory must also complete the bottom section of Attachment 1 and submit to Director Emergency Planning upon completion of the storm.

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SUBJECT: CLASSIFICATION OF EMERGENCIES	SECTION: EEP.01

For all storms where a storm Work Order Number is issued that is not a Class V Emergency, Electric Customer Operations is to provide the Director Emergency Planning with a storm summary report. If the storm is classified as a Class V Emergency, then the requirements of EEP.08 are to be followed, unless directed otherwise by the Director Emergency Planning.

**PRELIMINARY -
WEATHER REPORTS**

It is of great importance that the weather be monitored closely, particularly during periods of impending adverse conditions. Forecasts may be obtained from weather websites, Regional Control Centers, and National Grid's retained weather service provider.

Weather reports as well as severity and tracking should be communicated to NE.

STANDBY

Forecasts of severe weather may dictate the need to alert key supervision convene a storm conference call or place personnel on standby status. The respective Vice Presidents Division Operations shall be notified.

nationalgrid NY ELECTRIC EMERGENCY PROCEDURES MANUAL	Doc No.: EEP.01
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SUBJECT: CLASSIFICATION OF EMERGENCIES	SECTION: EEP.01

CLASSIFICATIONS Whenever failure of electric service does occur, the Emergency Organization is alerted progressively to the class necessary. The classification of an emergency is dependent upon how geographically widespread the emergency is.

The following are guidelines to determine the severity of emergencies and their classifications:

- CLASS I The severity within a District is such that complete restoration can be accomplished by the District manpower in an eight (8) hour period. Events in this classification typically possess any of the following characteristics: gusty winds, heat, rain, freezing rain, snow and/or lightning resulting in minor line problems, light system outages, and possible occasional damaged circuits that are relatively local in nature.
- CLASS II The severity within a District is such that complete restoration cannot be accomplished by District personnel resources in an eight (8) hour period. Assistance from other Districts within a Region is required to accomplish complete restoration within an eight (8) hour period. Events in this classification typically possess any of the following characteristics: gusty winds, heat, rain, freezing rain, snow and/or lightning resulting in minor line problems, light system outages, and possible occasional damaged circuits that are relatively local in nature.
- CLASS III The severity within a Region is such that complete restoration can be accomplished with its own Regional manpower in an eight (8) to twenty-four (24) hour period. Events in this classification typically possess any of the following characteristics: gusty winds, heat, rain, freezing rain, snow and/or lightning resulting in minor line problems, light system outages, and possible occasional damaged circuits that are relatively local in nature.

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CLASS IV The severity within one or more Regions is such that complete restoration cannot be accomplished by their manpower in a twenty-four (24) hour period. Requires assistance from other Regions. Events in this classification can possess any of the following characteristics: high winds over a prolonged period, heavy rain, freezing rain, sleet, wet snow, ice, and/or heavy lightning resulting in moderate system outages with damaged circuits.

CLASS V The severity is such that complete restoration cannot be accomplished in a twenty-four (24) hour period by utilizing Company personnel resources. Requires mutual assistance from other utilities, contractors, etc. Events in this classification include: severe storms such as hurricanes, prolonged high wind events, heavy icing, accumulation of heavy or wet snow, severe lightning, flooding, straight-line wind events, or other conditions which produce widespread outages, high customer call volume, extensive damage and a large number of circuit lockouts.

PSC CLASSIFICATIONS

CLASS I Restoration using normal division resources -
PSC Class I = NG Class I, II or III

CLASS II Restoration using company resources -
PSC Class II = NG Class IV

CLASS III Restoration requiring outside mutual assistance -
PSC Class III = NG Class V

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Attachment 1

NEW YORK MAJOR STORM DAILY DATA FORM

nationalgrid

Date: _____		Page ____ of ____
Major Storm Number: _____		
Region (please circle): SW FR GEN N CEN MV NE CAP		
Line Restoration Contractors/Mutual Aid/National Grid Crews (non-NY) – provide name of organization and number of crews utilized on current date:		
Name	Number of Crews	Date
Line Clearance Contractors/Mutual Aid – provide name of organization and number of crews utilized on current date:		
Name	Number of Crews	Date
Name of non-line restoration/non-line clearance contractors utilized during event and functions they performed on current date:		
Name	Number of Crews	Date
Assistance Request to be completed by Division providing assistance – If requested to provide assistance to another NY division, please provide what was requested and from where, and what was provided. If request was not completely met, provide an explanation for the difference, i.e. weather, staffing, vacation, work schedule, etc.		

Date of Request: August 20, 2010
Due Date: August 30, 2010

Request No. VVP-41
NMPC Req. No. NM 1048 DPS-639

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Vijay Puran

TO: Infrastructure and Operations Panel

Request:

1. Provide the studies referenced on page 28 of 167 of the IOP rebuttal testimony that the Company maintains demonstrate that Maplewood plus the Central and Mohawk Valley areas show the combined need for at least 18 breaker replacements, and possibly as many as 22.

Response:

The Company's rebuttal testimony states that "full documentation will be available in the fall upon completion of area studies in progress." All that is available at this time are the fault study results from the Aspen fault current analysis software used to perform the calculations. The table below lists the 18 breakers that the program shows are at or above their interrupting capability plus four others that are very close to their capability. These screening level study results are being confirmed in the ongoing area studies.

	Station	Breaker	% of Capability
1	Ash St	R80	113
2	Ash St	R8105	113
3	Ash St	R8305	113
4	Ash St	R70	111
5	Oswego	R30	127
6	Oswego	R20	133
7	Oswego	R50	132
8	Oswego	R85	132
9	Teall	R15	125
10	Teall	R8105	104
11	Temple	R805	112
12	Temple	R815	112
13	Temple	R825	112
14	Temple	R835	112
15	Maplewood	R15	117
16	New Scotland	R19	100
17	New Scotland	R20	100
18	Geres Lock	R815	100

19	New Scotland	R3	99
20	New Scotland	R9	99
21	New Scotland	R13	99
22	New Scotland	R7	98

Name of Respondent:
Joseph J. Hipius

Date of Reply:
8/30/10

Date of Request: August 20, 2010
Due Date: August 30, 2010

Request No. VVP-42
NMPC Req. No. NM 1049 DPS-640

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Vijay Puran

TO: Infrastructure and Operations Panel

Request:

1. Please provide workpapers to support the \$500,000 average circuit breaker installed replacement cost referenced on page 41 of 167 of the IOP rebuttal testimony. Include a detailed description of (a) the breaker specifications and (b) the specific retrofit and ancillary equipment work assumed in developing the estimate.
2. Please explain how the cost estimates for (a) different site conditions, (b) each separate voltage class, (c) current interrupting capability (d) along with the expected mix of each type were taken into account in determining the \$500,000 average circuit breaker replacement cost.

Response:

1. There are no specific workpapers to support the \$500,000 per breaker estimate. The Company's response to question (1c) of IR DPS-399 (VVP-22) outlines the assumptions made in order to develop budgetary estimates for breaker replacements.

Breaker types used to determine study grade cost estimates were Mitsubishi 115kV, 230kV and 345kV, SF6 Gas Circuit Breakers with 50kA of interrupting capability, up to (6) sets of CTs, local annunciators and field service. Summary manufacturer specifications are provided in Attachment 1 (VVP-42_Attach 1_Breaker Spec). In addition, the most recent breaker pricing sheets are provided in Attachment 2 (VVP-42_Attach 2_Breaker Pricing).

Note: Attachment 1 references a 345kV Gas Circuit breaker. The 115kV and 230kV SF6 Gas Circuit Breakers are of similar design and specification.

2. The \$500,000 per breaker cost estimate is for budgetary purposes only. Cost adjustments associated with varying requirements such as site conditions, voltages and interrupting capabilities are incorporated during full engineering reviews on a site by site basis.

Name of Respondent:
Kelley Csizmesia

Date of Reply:
8/31/10

Date of Request: August 20, 2010
Due Date: August 30, 2010

Request No. DAG-60
NMPC Req. No. NM 1052 DPS-643

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Denise Gerbsch

TO: 1

Request: Follow up to RAV-154

In its response to IR RAV-154, James Malloy provided information on behalf of the Company related to various employee expenses in calendar years 2008 and 2009 for National Grid USA Service Company and National Grid officers and directors, that have been reimbursed by the Company. This information has been provided by the Company in its responses to Massachusetts Attorney General (AG) data requests in the current on-going Massachusetts Docket No. DPU 10-55 involving Boston Gas Co., Essex Gas Co., and Colonial Gas Co.

1. Referring to Attachment AG-32-19, the Company provides information related to "entertainment" expenses in calendar years 2008 and 2009, which includes the employee identification number, the business purpose of the expenditure, and the amount allocated to the Massachusetts gas companies (pages 64-77 of the pdf file in the Company's response to RAV-154). In the same format as already established in its response to the Massachusetts AG data request, which the Company indicates is the data that is stored and retrievable in the Company's expense report system, please provide the percent and associated dollar amount that has been allocated to (a) Niagara Mohawk electric and (b) Niagara Mohawk gas expense, for each itemized expense.

2. Referring to Attachment AG-32-20, the Company provides information related to "miscellaneous" expenses in calendar years 2008 and 2009, which includes the employee identification number, the business purpose of the expenditure, and the amount allocated to the Massachusetts gas companies (pages 79-97 of the pdf file in the Company's response to RAV-154). In the same format as already established in its response to the Massachusetts AG data request, which the Company indicates is the data that is stored and retrievable in the Company's expense report system, please provide the percent and associated dollar amount that has been allocated to (a) Niagara Mohawk electric and (b) Niagara Mohawk gas expense, for each itemized expense.

3. Referring to Attachment AG-32-21, the Company provides information related to "lodging" expenses in calendar years 2008 and 2009, which includes the employee identification number, the business purpose of the expenditure, and the amount allocated to the Massachusetts gas companies (pages 99-110 of the pdf file in the Company's response to RAV-154). In the same format as already established in its response to the Massachusetts AG data request, which the Company indicates is the data that is stored and retrievable in the Company's expense report system, please provide the percent and associated dollar amount that has been allocated to (a) Niagara Mohawk electric and (b) Niagara Mohawk gas expense, for each itemized expense.

4. Referring to Attachment AG-32-22, the Company provides information related to “transportation air” expenses in calendar years 2008 and 2009, which includes the employee identification number, the business purpose of the expenditure, and the amount allocated to the Massachusetts gas companies (pages 112-128 of the pdf file in the Company’s response to RAV-154). In the same format as already established in its response to the Massachusetts AG data request, which the Company indicates is the data that is stored and retrievable in the Company’s expense report system, please provide the percent and associated dollar amount that has been allocated to (a) Niagara Mohawk electric and (b) Niagara Mohawk gas expense, for each itemized expense.

5. Referring to Attachment AG-32-42, the Company provides information related to “hotel” expenses in calendar years 2008 and 2009, which includes the employee identification number, the business purpose of the expenditure, and the amount allocated to the Massachusetts gas companies (pages 149-179 of the pdf file in the Company’s response to RAV-154). In the same format as already established in its response to the Massachusetts AG data request, which the Company indicates is the data that is stored and retrievable in the Company’s expense report system, please provide the percent and associated dollar amount that has been allocated to (a) Niagara Mohawk electric and (b) Niagara Mohawk gas expense, for each itemized expense.

6. Referring to Attachment AG-32-43, the Company provides information related to “airfare” expenses in calendar years 2008 and 2009, which includes the employee identification number, the business purpose of the expenditure, and the amount allocated to the Massachusetts gas companies (pages 181-206 of the pdf file in the Company’s response to RAV-154). In the same format as already established in its response to the Massachusetts AG data request, which the Company indicates is the data that is stored and retrievable in the Company’s expense report system, please provide the percent and associated dollar amount that has been allocated to (a) Niagara Mohawk electric and (b) Niagara Mohawk gas expense, for each itemized expense.

7. Referring to Attachment AG-32-44, the Company provides information related to “other” expenses in calendar years 2008 and 2009, which includes the employee identification number, the business purpose of the expenditure, and the amount allocated to the Massachusetts gas companies (pages 208-246 of the pdf file in the Company’s response to RAV-154). In the same format as already established in its response to the Massachusetts AG data request, which the Company indicates is the data that is stored and retrievable in the Company’s expense report system, please provide the percent and associated dollar amount that has been allocated to (a) Niagara Mohawk electric and (b) Niagara Mohawk gas expense, for each itemized expense.

8. Referring to Attachment AG-32-45, the Company provides information related to “EXother” expenses in calendar years 2008 and 2009, which includes the employee identification number, the business purpose of the expenditure, and the amount allocated to the Massachusetts gas companies (pages 248-257 of the pdf file in the Company’s response to RAV-154). In the same format as already established in its response to the Massachusetts AG data request, which the Company indicates is the data that is stored and retrievable in the Company’s expense report system, please provide the percent and associated dollar amount that has been allocated to (a) Niagara Mohawk electric and (b) Niagara Mohawk gas expense, for each itemized expense.

9. Referring to Attachment AG-32-46, the Company provides information related to "Busmtg" expenses in calendar years 2008 and 2009, which includes the employee identification number, the business purpose of the expenditure, and the amount allocated to the Massachusetts gas companies (pages 259-270 of the pdf file in the Company's response to RAV-154). In the same format as already established in its response to the Massachusetts AG data request, which the Company indicates is the data that is stored and retrievable in the Company's expense report system, please provide the percent and associated dollar amount that has been allocated to (a) Niagara Mohawk electric and (b) Niagara Mohawk gas expense, for each itemized expense.

10. Referring to Attachment AG-32-47, the Company provides information related to "Transp" expenses in calendar years 2008 and 2009, which includes the employee identification number, the business purpose of the expenditure, and the amount allocated to the Massachusetts gas companies (pages 272-318 of the pdf file in the Company's response to RAV-154). In the same format as already established in its response to the Massachusetts AG data request, which the Company indicates is the data that is stored and retrievable in the Company's expense report system, please provide the percent and associated dollar amount that has been allocated to (a) Niagara Mohawk electric and (b) Niagara Mohawk gas expense, for each itemized expense.

11. Referring to Attachment AG-32-48, the Company provides information related to "EXPHCA" expenses in calendar years 2008 and 2009, which includes the employee identification number, the business purpose of the expenditure, and the amount allocated to the Massachusetts gas companies (pages 320-323 of the pdf file in the Company's response to RAV-154). In the same format as already established in its response to the Massachusetts AG data request, which the Company indicates is the data that is stored and retrievable in the Company's expense report system, please provide the percent and associated dollar amount that has been allocated to (a) Niagara Mohawk electric and (b) Niagara Mohawk gas expense, for each itemized expense.

12. Referring to Attachment AG-32-49, the Company provides information related to "EXUTIL" expenses in calendar years 2008 and 2009, which includes the employee identification number, the business purpose of the expenditure, and the amount allocated to the Massachusetts gas companies (pages 325-331 of the pdf file in the Company's response to RAV-154). In the same format as already established in its response to the Massachusetts AG data request, which the Company indicates is the data that is stored and retrievable in the Company's expense report system, please provide the percent and associated dollar amount that has been allocated to (a) Niagara Mohawk electric and (b) Niagara Mohawk gas expense, for each itemized expense.

13. Referring to Attachment AG-32-50, the Company provides information related to "EXFURN" expenses in calendar years 2008 and 2009, which includes the employee identification number, the business purpose of the expenditure, and the amount allocated to the Massachusetts gas companies (pages 333-335 of the pdf file in the Company's response to RAV-154). In the same format as already established in its response to the Massachusetts AG data request, which the Company indicates is the data that is stored and retrievable in the Company's expense report system, please provide the percent and associated dollar amount that has been allocated to (a) Niagara Mohawk electric and (b) Niagara Mohawk gas expense, for each itemized expense.

14. Referring to Attachment AG-32-51, the Company provides information related to "EXHMLV" expenses in calendar years 2008 and 2009, which includes the employee identification number, the business purpose of the expenditure, and the amount allocated to the Massachusetts gas companies (pages 337-338 of the pdf file in the Company's response to RAV-154). In the same format as already established in its response to the Massachusetts AG data request, which the Company indicates is the data that is stored and retrievable in the Company's expense report system, please provide the percent and associated dollar amount that has been allocated to (a) Niagara Mohawk electric and (b) Niagara Mohawk gas expense, for each itemized expense.

15. Referring to Attachment AG-32-52, the Company provides information related to "EXLEASE" expenses in calendar years 2008 and 2009, which includes the employee identification number, the business purpose of the expenditure, and the amount allocated to the Massachusetts gas companies (pages 340-343 of the pdf file in the Company's response to RAV-154). In the same format as already established in its response to the Massachusetts AG data request, which the Company indicates is the data that is stored and retrievable in the Company's expense report system, please provide the percent and associated dollar amount that has been allocated to (a) Niagara Mohawk electric and (b) Niagara Mohawk gas expense, for each itemized expense.

16. Referring to Attachment AG-32-53, the Company provides information related to "EXINSU" expenses in calendar years 2008 and 2009, which includes the employee identification number, the business purpose of the expenditure, and the amount allocated to the Massachusetts gas companies (page 345 of the pdf file in the Company's response to RAV-154). In the same format as already established in its response to the Massachusetts AG data request, which the Company indicates is the data that is stored and retrievable in the Company's expense report system, please provide the percent and associated dollar amount that has been allocated to (a) Niagara Mohawk electric and (b) Niagara Mohawk gas expense, for each itemized expense.

Response:

1. – 16. Please see Attachment 1 through 16 to this response for the percent and associated dollar amount that has been allocated to Niagara Mohawk electric and gas expense for each itemized expense. In the Company's supplemental testimony filed on August 30, 2010, the Company removed all of the allocated electric expenses from the historic test year.

Name of Respondent:
James M. Molloy

Date of Reply:
August 31, 2010

Massachusetts Information Request AG-32-12 - Entertainment
Allocation to Niagara Mohawk Power Corporation

Employee Id	Expense Purpose	Cal Yr	Total Voucher Amount	Voucher Type	Trip Start Date	Trip End Date	Project	Activity	Cost Type	Cost Type Description	Work Order Amount	Allocation Code	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
9803	Energy North POC Meeting	2008	1243.65	TR	11/26/2007	11/27/2007	K00059	002004	481	ENTER-NON A/P	\$ 122.62	G0100	0.000%	\$ -	0.000%	\$ -	\$ -
9803	Lunch Mtg with Energy Risk Portfolio Team - LI	2008	184.79	NT			K00059	002004	481	ENTER-NON A/P	\$ 154.72	G0100	0.000%	\$ -	0.000%	\$ -	\$ -
9803	Dinner & Prep w/ Investment Committee Mtg Speaker	2008	629	NT			K00059	002004	481	ENTER-NON A/P	\$ 620.00	G0100	0.000%	\$ -	0.000%	\$ -	\$ -
9803	Lunch Mtg to discuss employee relocation	2008	56.99	NT			K00059	002004	481	ENTER-NON A/P	\$ 56.99	G0100	0.000%	\$ -	0.000%	\$ -	\$ -
9803	Lunch Meeting	2008	90.03	NT			K99109	002031	481	ENTER-NON A/P	\$ 90.03	G5100	22.520%	\$ 20.27	5.420%	\$ 4.88	\$ -
9803	Welcome lunch for Julie Vernon Parry	2008	40.55	NT			K99109	002031	481	ENTER-NON A/P	\$ 40.55	G5100	22.520%	\$ 9.13	5.420%	\$ 2.20	\$ -
9803	Farewell Dinner for Peter Kalae	2008	510.5	NT			K99109	002031	481	ENTER-NON A/P	\$ 510.50	G5100	22.520%	\$ 114.96	5.420%	\$ 27.67	\$ -
9803	Mtg w/ Directors review staff PA's	2008	63.13	NT			K99109	002031	481	ENTER-NON A/P	\$ 63.13	G5100	22.520%	\$ 14.22	5.420%	\$ 3.42	\$ -
9803	Westboro Meeting	2008	995.17	TR	05/19/2008	05/19/2008	K99109	002031	481	ENTER-NON A/P	\$ 360.63	G5100	22.520%	\$ 81.21	5.420%	\$ 19.55	\$ -
9803	Lunch Mtg with Energy Risk Portfolio Team - LI	2008	220.75	NT			K99109	002031	481	ENTER-NON A/P	\$ 220.75	G5100	22.520%	\$ 49.71	5.420%	\$ 11.96	\$ -
9803	Lunch with Mentee Student Josephine Leone	2008	35.8	NT			K99109	002031	481	ENTER-NON A/P	\$ 35.80	G5100	22.520%	\$ 8.06	5.420%	\$ 1.94	\$ -
9803	Dinner for David Bonar Secondment	2009	1120.22	NT			K99109	002031	481	ENTER-NON A/P	\$ 1,120.22	G5100	23.550%	\$ 263.81	5.770%	\$ 64.64	\$ 263.81
9803	Year End Lunch with Energy Portfolio Risk & Credit	2009	186.58	NT			K99109	002031	481	ENTER-NON A/P	\$ 186.58	G5100	23.550%	\$ 43.94	5.770%	\$ 10.77	\$ 43.94
9803	Lunch Meeting with Julie Vernon-Perry	2009	29.93	NT			K99109	002031	481	ENTER-NON A/P	\$ 29.93	G5100	23.550%	\$ 7.05	5.770%	\$ 1.73	\$ 7.05
9803	Finance Conference in UK	2009	2868.24	TR	06/08/2009	06/12/2009	K99109	002031	481	ENTER-NON A/P	\$ 34.90	G5100	23.550%	\$ 8.22	5.770%	\$ 2.01	\$ 8.22
9803	Interim Graduation Lunch	2009	544.06	NT			K99109	002031	481	ENTER-NON A/P	\$ 544.06	G5100	23.550%	\$ 128.13	5.770%	\$ 31.39	\$ 128.13
9803	Lunch Mtg with Energy Risk Portfolio Team - LI	2009	134.65	NT			K99109	002031	481	ENTER-NON A/P	\$ 134.65	G5100	23.550%	\$ 31.71	5.770%	\$ 7.77	\$ 31.71
9803	Meeting with FERC	2009	599.45	TR	08/25/2009	08/25/2009	K99109	002031	481	ENTER-NON A/P	\$ 96.15	G5100	23.550%	\$ 22.64	5.770%	\$ 5.55	\$ 22.64
9803	Lunch Meeting with Alex Zhukovsky and Tom Warmath	2009	40.48	NT			K99109	002031	481	ENTER-NON A/P	\$ 40.48	G5100	23.550%	\$ 9.53	5.770%	\$ 2.34	\$ 9.53
9803	Massachusetts DPU meeting	2009	613.22	TR	07/30/2009	07/30/2009	K99109	002031	481	ENTER-NON A/P	\$ 42.93	G5100	23.550%	\$ 10.11	5.770%	\$ 2.48	\$ 10.11
9803	Meeting with Rhode Island DPU for Finance Petition	2009	572.69	TR	09/10/2009	09/10/2009	K99109	002031	481	ENTER-NON A/P	\$ 47.01	G5100	23.550%	\$ 11.07	5.770%	\$ 2.71	\$ -
10320	LI T&D Year End Meeting	2008	1580.54	NT			K05002	002005	481	ENTER-NON A/P	\$ 1,580.54	AR700	0.000%	\$ -	0.000%	\$ -	\$ -
10320	IEEE Conference	2008	45.5	TR	04/22/2008	04/23/2008	K05002	002005	481	ENTER-NON A/P	\$ 45.50	AR700	0.000%	\$ -	0.000%	\$ -	\$ -
10320	Dinner with S. Holliday	2008	559.44	NT			K05002	002005	481	ENTER-NON A/P	\$ 559.44	AR700	0.000%	\$ -	0.000%	\$ -	\$ -
10320	Storm Appreciation	2008	78.81	NT			K05002	002005	481	ENTER-NON A/P	\$ 78.81	AR700	0.000%	\$ -	0.000%	\$ -	\$ -
10320	John Pettigrew EDMOM Meeting	2008	99.57	TR	06/18/2008	06/19/2008	K05002	002005	481	ENTER-NON A/P	\$ 25.05	AR700	0.000%	\$ -	0.000%	\$ -	\$ -
10320	Transformation Meetings	2008	831.33	TR	07/30/2008	07/31/2008	K02702	00N022	481	ENTER-NON A/P	\$ 565.88	G5400	41.250%	\$ 233.43	0.000%	\$ -	\$ -
10320	Transformation Meeting - Union	2008	565.59	TR	08/06/2008	08/06/2008	K02702	00N022	481	ENTER-NON A/P	\$ 13.31	G5400	41.250%	\$ 5.49	0.000%	\$ -	\$ -
10320	Steering Committee/Union Leadership/Trans. Wksp.	2008	3530.11	TR	09/29/2008	10/02/2008	K02702	00N022	481	ENTER-NON A/P	\$ 2,505.60	G5400	41.250%	\$ 1,033.56	0.000%	\$ -	\$ 1,033.56
10320	October Meetings	2008	50.05	NT			K05002	002005	481	ENTER-NON A/P	\$ 32.05	AR700	0.000%	\$ -	0.000%	\$ -	\$ -
10320	LI T&D Year End Appreciation Lunch	2008	1025.49	NT			K05002	002005	481	ENTER-NON A/P	\$ 1,025.49	AR700	0.000%	\$ -	0.000%	\$ -	\$ -
10320	Various Meetings - EDMOM/Transformation	2009	97.26	TR	02/18/2009	02/24/2009	K02702	00N022	481	ENTER-NON A/P	\$ 147.42	G5400	41.250%	\$ 60.81	0.000%	\$ -	\$ 60.81
10320	Transformation Dinner	2009	294.47	TR	05/19/2009	05/19/2009	K02702	00N022	481	ENTER-NON A/P	\$ 294.47	G5400	40.990%	\$ 120.70	0.000%	\$ -	\$ 120.70
10320	Developing Leaders Forum	2009	1199.01	TR	05/17/2009	05/22/2009	K05002	002005	480	ENTER-NON A/P	\$ 68.07	AR700	0.000%	\$ -	0.000%	\$ -	\$ -
10320	LIPA Customer Sat	2009	83.59	NT			K05002	002005	480	ENTER-NON A/P	\$ 63.59	AR700	0.000%	\$ -	0.000%	\$ -	\$ -
10320	Steve Holliday Lunch Meeting	2009	364.8	NT			K05002	002005	481	ENTER-NON A/P	\$ 364.80	AR700	0.000%	\$ -	0.000%	\$ -	\$ -
10320	Local 1049 Business Mtg - Transformation Update	2009	42.99	NT			K05002	002005	481	ENTER-NON A/P	\$ 42.99	AR700	0.000%	\$ -	0.000%	\$ -	\$ -
10320	Upstate Union Transformation Dinner	2009	1225	TR	10/05/2009	10/06/2009	K02702	00N022	481	ENTER-NON A/P	\$ 460.00	G5400	40.990%	\$ 188.55	0.000%	\$ -	\$ -
10475	Staff Breakfast Meeting	2008	103.33	NT			K00201	002937	481	ENTER-NON A/P	\$ 103.33	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
10475	Lunch Meeting Expense	2008	85.08	NT			K00201	002937	481	ENTER-NON A/P	\$ 85.08	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
10475	Travel Expenses	2008	5797.29	TR	04/25/2008	05/01/2008	K00201	002937	481	ENTER-NON A/P	\$ 884.26	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
10475	General Expenses	2008	785.46	NT			K00201	002937	481	ENTER-NON A/P	\$ 493.46	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
10475	Meeting with Isosock & Barkley 080608	2008	417.01	NT			K00201	002937	481	ENTER-NON A/P	\$ 273.66	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
10475	Interview's in Waltham	2008	995.65	TR	10/16/2008	10/17/2008	K00201	002937	481	ENTER-NON A/P	\$ 122.69	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
10475	Staff luncheon	2008	209.4	NT			K00201	002937	481	ENTER-NON A/P	\$ 209.40	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
10475	SEC Reporting Skill form 20-F	2008	2087.19	TR	11/02/2008	11/05/2008	K00201	002937	481	ENTER-NON A/P	\$ 529.32	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
11530	Corporate Affairs offsite-reception	2008	5745.8	NT			K00210	002004	481	ENTER-NON A/P	\$ 5,745.80	G4000	0.000%	\$ -	0.000%	\$ -	\$ -
11530	Feb offsite-additional expenses	2008	723.33	NT			K00210	002004	481	ENTER-NON A/P	\$ 38.35	G4000	0.000%	\$ -	0.000%	\$ -	\$ -
11530	Brand Launch meeting	2008	75.94	NT			K00210	002004	481	ENTER-NON A/P	\$ 75.94	G4000	0.000%	\$ -	0.000%	\$ -	\$ -
11530	Welcome lunch for Vicky Handsley	2008	29.95	NT			K00216	002031	481	ENTER-NON A/P	\$ 29.95	G5100	22.520%	\$ 6.74	5.420%	\$ 1.62	\$ 6.74
11530	Thank you/goodbye for Isabel Cabrera	2008	112.12	NT			K00216	002031	481	ENTER-NON A/P	\$ 112.12	G5100	22.520%	\$ 25.25	5.420%	\$ 6.08	\$ 25.25
11721	Year End Luncheon	2008	1242.15	NT			K00036	002004	481	ENTER-NON A/P	\$ 1,242.15	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
11721	Discuss Integration	2008	48.5	NT			K00036	002004	481	ENTER-NON A/P	\$ 48.50	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
11721	Discuss Integration and Accounting Issues	2008	744.8	NT			K00036	002004	481	ENTER-NON A/P	\$ 744.80	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
11721	Discuss Presentation	2008	77.45	NT			K00036	002004	481	ENTER-NON A/P	\$ 77.45	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
11721	Finance Shared Service Celebration	2008	1929.89	NT			K00036	002004	481	ENTER-NON A/P	\$ 1,929.89	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
11721	Discuss Legacy KeySpan Accounting	2008	61.4	NT			K00036	002004	481	ENTER-NON A/P	\$ 61.40	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
11721	Discuss Integration	2008	25.7	NT			K00036	002004	481	ENTER-NON A/P	\$ 25.70	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
11721	Finance Off-Site	2008	339	TR	06/11/2008	06/13/2008	K00036	002004	481	ENTER-NON A/P	\$ 84.09	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
11721	Shared Service Conference and Meetings in UK	2008	5620.92	TR	09/08/2008	09/12/2008	K00036	002004	481	ENTER-NON A/P	\$ 84.09	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
11721	Trip to Westborough	2008	1611.38	TR	09/22/2008	09/24/2008	K00036	002004	481	ENTER-NON A/P	\$ 1,082.71	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
11721	Finance Team Happy Hour	2008	3330.81	NT			K00036	002004	481	ENTER-NON A/P	\$ 3,330.81	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
11721	Discuss Bank Rec Progress	2008	47.7	NT			K00036	002004	481	ENTER-NON A/P	\$ 47.70	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
11721	Discuss Service Company Rules	2008	25.65	NT			K00036	002004	481	ENTER-NON A/P	\$ 25.65	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
11721	Week one of ERP Project	2008	967.19	TR	12/08/2008	12/10/2008	K00036	002004	481	ENTER-NON A/P	\$ 357.12	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
11721	End of Year Lunch	2009	2405.86	NT			K00036	002004	481	ENTER-NON A/P	\$ 2,405.86	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
11721	Working Dinner for Accounting Staff	2009	448.73	NT			K00036	002004	481	ENTER-NON A/P	\$ 225.00	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
11721	Working Dinner for Accounting Staff	2009	448.73	NT			K00036	002004	480	ENTER-NON A/P	\$ 223.73	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
11721	Holiday Lunch for Melville Teams	2009	1884	NT			K00036	002004	481	ENTER-NON A/P	\$ 1,884.00	G0800	0.000%	\$ -	0.000%	\$ -	\$ -

Massachusetts Information Request AG-32-19 - Entertainment
Allocation to Niagara Mohawk Power Corporation

Employee Id	Expense Purpose	Cal Yr	Total Voucher Amount	Voucher Type	Trip Start Date	Trip End Date	Project	Activity	Cost Type	Cost Type Description	Work Order Amount	Allocation Code	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
11737	Attend Global Energy Mtg	2008		TR	11/25/2007	11/26/2007	K01651	002031	481	ENTER-NON A/P	\$ 64.39	G5500	36.530%	\$ 23.52	0.000%	\$ -	\$ -
11737	Year End Luncheon w/Direct Reports	2008	408.82	NT			K01651	002031	481	ENTER-NON A/P	\$ 408.82	G5500	36.530%	\$ 149.34	0.000%	\$ -	\$ -
11737	Attend various migs in NE	2008		TR	01/15/2008	01/16/2008	K01651	002031	481	ENTER-NON A/P	\$ 227.69	G5500	36.530%	\$ 83.18	0.000%	\$ -	\$ -
11737	Dinner w/Michael Netter	2008	115.45	NT			K01651	002031	481	ENTER-NON A/P	\$ 115.45	G5500	36.530%	\$ 42.17	0.000%	\$ -	\$ -
11737	Attend Exec. Offsite (UK)	2008		TR	02/24/2008	02/28/2008	K01651	002031	481	ENTER-NON A/P	\$ 70.00	G5500	36.530%	\$ 25.57	0.000%	\$ -	\$ -
11737	Attend March Group Exec	2008		TR	03/24/2008	03/26/2008	K01651	002031	481	ENTER-NON A/P	\$ 56.50	G5500	36.070%	\$ 20.38	0.000%	\$ -	\$ -
11737	Attend Global Transformation Mtg	2008		TR	03/30/2008	04/01/2008	K01651	002031	481	ENTER-NON A/P	\$ 101.00	G5500	36.070%	\$ 36.43	0.000%	\$ -	\$ -
11737	Attend various migs. at Jones Rd.	2008		TR	04/07/2008	04/08/2008	K01651	002031	481	ENTER-NON A/P	\$ 763.50	G5500	36.070%	\$ 275.39	0.000%	\$ -	\$ -
11737	Adjustment to Voucher #0237804	2008		TR	02/24/2008	02/28/2008	K01651	002031	481	ENTER-NON A/P	\$ 1.13	G5500	36.070%	\$ 0.41	0.000%	\$ -	\$ -
11737	Attend Sr. Exec Offsite	2008		TR	04/28/2008	05/01/2008	K01651	002031	481	ENTER-NON A/P	\$ 72.40	G5500	36.070%	\$ 26.11	0.000%	\$ -	\$ -
11737	NG Board Mtg	2008		TR	04/22/2008	04/23/2008	K01651	002031	481	ENTER-NON A/P	\$ 64.70	G5500	36.070%	\$ 23.34	0.000%	\$ -	\$ -
11737	Breakfast mtg	2008	55.6	NT			K01651	002031	481	ENTER-NON A/P	\$ 55.60	G5500	36.070%	\$ 20.05	0.000%	\$ -	\$ -
11737	Attend Acct Exec Offsite	2008		TR	05/07/2008	05/08/2008	K01651	002031	481	ENTER-NON A/P	\$ 36.51	G5500	36.070%	\$ 13.17	0.000%	\$ -	\$ -
11737	Breakfast & Parking	2008	106.02	NT			K01651	002031	481	ENTER-NON A/P	\$ 62.02	G5500	36.070%	\$ 22.37	0.000%	\$ -	\$ -
11737	Global Trans Dinners	2008		NT			K01651	002031	481	ENTER-NON A/P	\$ 177.63	G5500	36.070%	\$ 64.07	0.000%	\$ -	\$ -
11737	KeySpan Park Outing	2008	724.24	NT			K01651	002031	481	ENTER-NON A/P	\$ 724.24	G5500	36.070%	\$ 261.23	0.000%	\$ -	\$ -
11737	Visit RI Office, B. Hassan Retirement, FD&G Migs	2008		TR	09/11/2008	09/12/2008	K01651	002031	481	ENTER-NON A/P	\$ 17.00	G5500	36.070%	\$ 6.13	0.000%	\$ -	\$ -
11737	Lunch during Annual Contractor's Trip (7/08)	2008	238.68	TR	07/28/2008	07/31/2008	K01651	002031	481	ENTER-NON A/P	\$ 238.68	G5500	36.070%	\$ 86.09	0.000%	\$ -	\$ -
11737	Dinner while at C&M Offsite	2008	259.32	TR	10/27/2008	10/29/2008	K01651	002031	481	ENTER-NON A/P	\$ 259.32	G5800	24.350%	\$ 63.14	6.680%	\$ 17.32	\$ 63.14
11737	Lunch in NYC (11/1/08)	2008	116.45	NT			K01651	002031	481	ENTER-NON A/P	\$ 116.45	G5800	24.350%	\$ 28.36	6.680%	\$ 7.78	\$ 28.36
11737	Lunch & Dinner Expenses	2008	236.72	TR	10/07/2008	10/07/2008	K01651	002031	481	ENTER-NON A/P	\$ 236.72	G5800	24.350%	\$ 57.64	6.680%	\$ 15.81	\$ 57.64
11737	Lunch in NYC (11/21/08)	2008	75.67	NT			K01651	002031	481	ENTER-NON A/P	\$ 75.67	G5800	24.350%	\$ 18.43	6.680%	\$ 5.05	\$ 18.43
11737	Lunch (12/8/08)	2008	39.6	NT			K01651	002031	481	ENTER-NON A/P	\$ 39.60	G5800	24.350%	\$ 9.64	6.680%	\$ 2.65	\$ 9.64
11737	Various Dinners & Parking	2009	507.82	NT			K01651	002031	481	ENTER-NON A/P	\$ 464.07	G5800	24.350%	\$ 113.00	6.680%	\$ 31.00	\$ 113.00
11737	Dinner w/N. Stavropoulos	2009	189.31	NT			K01651	002031	481	ENTER-NON A/P	\$ 189.31	G5800	24.350%	\$ 46.10	6.680%	\$ 12.65	\$ 46.10
11737	Lunch w/Connie Saizaga	2009	58.77	NT			K01651	002031	481	ENTER-NON A/P	\$ 58.77	G5800	24.350%	\$ 14.31	6.680%	\$ 3.93	\$ 14.31
11737	Dinner w/G. Mayhew	2009	83.27	NT			K01651	002031	481	ENTER-NON A/P	\$ 83.27	G5800	24.350%	\$ 20.28	6.680%	\$ 5.56	\$ 20.28
11737	Lunch & Parking (NYC mtg)	2009	97.6	NT			K01651	002031	481	ENTER-NON A/P	\$ 71.60	G5800	23.930%	\$ 17.13	6.740%	\$ 4.83	\$ 17.13
11737	Thank You Dinner for J. Marazzo	2009	1278.24	NT			K01651	002031	481	ENTER-NON A/P	\$ 1,278.24	G5800	23.930%	\$ 305.88	6.740%	\$ 86.15	\$ 305.88
11737	Dinner - inadvertently left off of voucher 0269357	2009	58.63	TR	05/01/2009	05/01/2009	K01651	002031	481	ENTER-NON A/P	\$ 58.63	G5800	23.930%	\$ 14.03	6.740%	\$ 3.95	\$ 14.03
11737	Breakfast Meeting	2009	54.8	NT			K01651	002031	481	ENTER-NON A/P	\$ 54.80	G5800	23.930%	\$ 13.11	6.740%	\$ 3.69	\$ 13.11
11737	DOE Smart Grid Standards Meeting	2009	94.03	NT			K01651	002031	481	ENTER-NON A/P	\$ 94.03	G5800	23.930%	\$ 22.50	6.740%	\$ 6.34	\$ 22.50
11737	Outing at KeySpan/National Grid Park	2009	895.67	TR	05/18/2009	05/18/2009	K01651	002031	481	ENTER-NON A/P	\$ 43.30	G5800	23.930%	\$ 10.36	6.740%	\$ 2.92	\$ 10.36
11737	Attend Various Meetings at Res Woods	2009	744.83	TR			K01651	002031	481	ENTER-NON A/P	\$ 744.83	G5800	23.930%	\$ 178.24	6.740%	\$ 50.20	\$ 178.24
11737	G. Mayhew Visit Customer & Mkis Team	2009	1474.29	TR	07/20/2009	07/22/2009	K01651	002031	481	ENTER-NON A/P	\$ 123.43	G5800	23.930%	\$ 29.54	6.740%	\$ 8.32	\$ 29.54
11737	Luncheon during Cust. Svc. Week Events	2009	41.61	NT			K01651	002031	481	ENTER-NON A/P	\$ 41.61	G5800	23.930%	\$ 9.96	6.740%	\$ 2.80	\$ 9.96
11737	Lunch - 10/26/09	2009	39.14	NT			K01651	002031	481	ENTER-NON A/P	\$ 39.14	G5800	23.930%	\$ 9.37	6.740%	\$ 2.64	\$ -
11737	Bkfst - re LI Influencers	2009	34.03	NT			K01651	002031	481	ENTER-NON A/P	\$ 34.03	G5800	23.930%	\$ 8.14	6.740%	\$ 2.29	\$ -
11737	Advanced Energy Conference	2009	45.02	NT			K01651	002031	481	ENTER-NON A/P	\$ 45.02	G5800	23.930%	\$ 10.77	6.740%	\$ 3.03	\$ -
11737	Lunch - 12/3/09	2009	137.91	NT			K01651	002031	481	ENTER-NON A/P	\$ 68.40	G5800	23.930%	\$ 16.37	6.740%	\$ 4.61	\$ -
12570	Dinner with Hisecock and Barclay	2009	58.45	NT			K01651	002031	481	ENTER-NON A/P	\$ 58.45	G5800	23.930%	\$ 13.99	6.740%	\$ 3.94	\$ -
12570	Business meetings in Westboro and Providence	2008	752.83	TR			K00470	002031	481	ENTER-NON A/P	\$ 752.83	G5100	28.440%	\$ 214.10	0.000%	\$ -	\$ -
12570	Legal Dept Meeting	2008	550.33	TR	01/16/2008	01/18/2008	K00470	002031	481	ENTER-NON A/P	\$ 172.57	G5100	28.440%	\$ 49.08	0.000%	\$ -	\$ -
12570	Breakfast Meeting	2008	655.48	TR	03/02/2008	03/04/2008	K00470	002031	481	ENTER-NON A/P	\$ 88.25	G5100	28.440%	\$ 25.10	0.000%	\$ -	\$ -
12570	Lunch with C&D	2008	20	NT			K00470	002031	481	ENTER-NON A/P	\$ 20.00	G5100	28.440%	\$ 5.69	0.000%	\$ -	\$ -
12570	Meet with Attorneys in Waltham	2008	60.77	NT			K00470	002031	481	ENTER-NON A/P	\$ 60.77	G5100	28.440%	\$ 17.28	0.000%	\$ -	\$ -
12570	Lunch with Gerry Luteran	2008	366.31	TR	07/01/2008	07/02/2008	K00470	002031	481	ENTER-NON A/P	\$ 123.70	G5100	22.520%	\$ 27.86	5.420%	\$ 6.70	\$ -
12570	Lunch with Outside Lawyers	2008	95.16	NT			K00470	002031	480	ENTER-NON A/P	\$ 62.02	G5100	22.520%	\$ 13.97	5.420%	\$ 3.36	\$ -
12570	St. Joseph's College	2008	74.78	NT			K00470	002031	481	ENTER-NON A/P	\$ 95.16	G5100	22.520%	\$ 21.43	5.420%	\$ 5.16	\$ -
12570	Ravenwood Closing	2008	787.62	NT			K00470	002031	481	ENTER-NON A/P	\$ 74.78	G5100	22.520%	\$ 16.84	5.420%	\$ 4.05	\$ 16.84
12570	Lunch with Lawyers from Linklaters	2008	380	NT			K00470	002031	481	ENTER-NON A/P	\$ 787.62	G5100	22.520%	\$ 177.37	5.420%	\$ 42.69	\$ 177.37
12570	Dinner with Mark Noble and DGC's	2008	860	NT			K00470	002031	481	ENTER-NON A/P	\$ 180.00	G5100	22.520%	\$ 85.58	5.420%	\$ 20.60	\$ 85.58
12570	Lunch with Joe Fegan from C&D	2008	62.02	NT			K00470	002031	481	ENTER-NON A/P	\$ 660.00	G5100	22.520%	\$ 148.63	5.420%	\$ 35.77	\$ 148.63
12570	Dinner w/Helen Mahy and Colin Owyang	2008	446.57	NT			K00470	002031	481	ENTER-NON A/P	\$ 62.02	G5100	22.520%	\$ 13.97	5.420%	\$ 3.36	\$ 13.97
15999	Business Lunch	2008	622.78	NT			K99169	002004	481	ENTER-NON A/P	\$ 446.57	G5100	22.520%	\$ 100.57	5.420%	\$ 24.20	\$ 100.57
15999	Business Lunches	2008	188.41	NT			K99169	002004	481	ENTER-NON A/P	\$ 622.78	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
15999	Lunches & Misc	2008	120.73	NT			K99169	002004	481	ENTER-NON A/P	\$ 168.41	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
15999	Lunches & Misc	2008	120.73	NT			K99169	002004	480	ENTER-NON A/P	\$ 18.79	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
15999	Miscellaneous	2008	251.08	NT			K99169	002004	481	ENTER-NON A/P	\$ 40.68	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
15999	Boston Meeting	2008	1095.96	TR	07/25/2008	07/25/2008	K99169	002004	481	ENTER-NON A/P	\$ 26.66	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
15999	Interviews	2008	397.81	NT			K99169	002004	481	ENTER-NON A/P	\$ 7.98	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
15999	Lunch w/Arthur	2008	22.85	NT			K99169	002004	481	ENTER-NON A/P	\$ 397.81	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
15999	Miscellaneous Expenses	2008	92.74	NT			K99169	002004	481	ENTER-NON A/P	\$ 22.85	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
15999	Monthly Expenses - October 2008	2008	631.88	NT			K99169	002004	481	ENTER-NON A/P	\$ 43.39	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
15999	Miscellaneous Expenses	2009	43.39	NT			K99169	002004	481	ENTER-NON A/P	\$ 140.82	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
15999	Trip to Syracuse office - Syracuse, NY	2009	975.74	TR	11/19/2008	11/21/2008	K99169	002004	481	ENTER-NON A/P	\$ 43.39	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
15999	Trip to Westborough, MA office	2009	788.66	TR	11/12/2008	11/14/2008	K99169	002004	481	ENTER-NON A/P	\$ 183.11	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
15999	Breakfast for Tax Dept Staff - United Way Campaign	2009	138.15	NT			K99169	002004	480	ENTER-NON A/P	\$ 47.00	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
											\$ 138.15	G5100	22.520%	\$ 31.11	5.420%	\$ 7.49	\$ 31.11

Massachusetts Information Request AG-32-19 - Entertainment
Allocation to Niagara Mohawk Power Corporation

Employee Id	Expense Purpose	Cal Yr	Total Voucher Amount	Voucher Type	Trip Start Date	Trip End Date	Project	Activity	Cost Type	Cost Type Description	Work Order Amount	Allocation Code	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
89853	Rm Working Lunch	2008	48.1 NT				NAU120	003952	481	ENTER-NON A/P	\$ 48.10	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Meeting NY Paving	2008	119.6 NT				NAU120	003952	481	ENTER-NON A/P	\$ 119.60	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Working Lunch Meeting NYP	2008	29.98 NT				NAU120	003952	481	ENTER-NON A/P	\$ 29.98	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Contract Management Trip NE	2008	560.24 TR		06/13/2008	06/13/2008	NAU120	003952	481	ENTER-NON A/P	\$ 28.07	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Investment Planning Trip NE	2008	578.92 TR		05/06/2008	05/07/2008	NAU120	003952	481	ENTER-NON A/P	\$ 46.75	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Working Lunch Construction NYC	2008	19.05 NT				NAU120	003952	481	ENTER-NON A/P	\$ 19.05	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Network Strategy Roadshow	2008	1078.63 TR		06/05/2008	06/06/2008	NAU120	003952	481	ENTER-NON A/P	\$ 62.92	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Working Lunch RM Teams US & UK	2008	101.35 NT				NAU120	003952	481	ENTER-NON A/P	\$ 101.35	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Dinner Resource Management Team UK	2008	535.91 NT				NAU120	003952	481	ENTER-NON A/P	\$ 535.91	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	M&S Pre-Bid NE	2008	347.47 TR		09/22/2008	09/23/2008	NAU120	003952	481	ENTER-NON A/P	\$ 133.30	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	PASS 55 Meeting	2008	842.76 TR		10/14/2008	10/16/2008	NAU120	003952	481	ENTER-NON A/P	\$ 59.06	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Business Lunch With Hallen Construction	2009	126.4 NT				NAU120	003952	481	ENTER-NON A/P	\$ 126.40	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Business Dinner Investment Planning	2009	113.4 NT				NAU120	003952	481	ENTER-NON A/P	\$ 113.40	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Business Lunch NYP	2009	49.28 NT				NAU120	003952	481	ENTER-NON A/P	\$ 49.28	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Recruiting Dinner Simon Harneit	2009	73.11 NT				NAU120	003952	481	ENTER-NON A/P	\$ 73.11	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Gas Investment Planning Trip Albany	2009	311.64 TR		01/13/2009	01/14/2009	NAU120	003952	481	ENTER-NON A/P	\$ 91.90	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Business Dinner	2009	148 NT				K03466	002004	481	ENTER-NON A/P	\$ 148.00	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Recognition Dinner Phase II Initiatives Syracuse	2009	487.18 NT				K03466	002004	481	ENTER-NON A/P	\$ 487.18	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Global Procurement Management Meeting	2009	140 NT				K03466	002004	481	ENTER-NON A/P	\$ 140.00	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Global Asset management Meetings	2009	2770.75 TR		07/13/2009	07/16/2009	K03466	002004	481	ENTER-NON A/P	\$ 121.45	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Meetings Syracuse	2009	188.14 TR		07/21/2009	07/22/2009	K03466	002004	481	ENTER-NON A/P	\$ 63.84	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Phase II Strategic Initiative Recognition Luncheon	2009	126.4 NT				K03466	002004	481	ENTER-NON A/P	\$ 126.40	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Trip Waltham	2009	511.54 TR		06/16/2009	06/17/2009	K03466	002004	481	ENTER-NON A/P	\$ 162.70	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Trip Waltham	2009	466.89 TR		06/09/2009	06/10/2009	K03466	002004	481	ENTER-NON A/P	\$ 60.75	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	US Procurement Conference	2009	41.61 TR		10/26/2009	10/26/2009	K03466	002004	481	ENTER-NON A/P	\$ 41.61	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	UK Procurement Conference	2009	2632.38 TR		10/12/2009	10/15/2009	K03466	002004	481	ENTER-NON A/P	\$ 91.20	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Trip to Westport for holiday party	2008	1581.8 TR		01/17/2008	01/18/2008	K00005	002031	481	ENTER-NON A/P	\$ 183.21	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Engineering Diverstive Meeting	2008	79.91 NT				K00005	002031	481	ENTER-NON A/P	\$ 79.91	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Travel Expenses for Holiday Party in Syracuse	2008	1076.33 TR		01/09/2008	01/10/2008	K00005	002031	481	ENTER-NON A/P	\$ 37.25	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Trip to New England-Meeting with Legal Department	2008	907.35 TR		03/03/2008	03/04/2008	K00005	002031	481	ENTER-NON A/P	\$ 125.39	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Exit lunch meeting with Steve Greenspan	2008	43.25 NT				K00005	002031	481	ENTER-NON A/P	\$ 43.25	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Meeting at Millennium	2008	75.94 NT				K00201	002937	481	ENTER-NON A/P	\$ 71.60	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Meeting with D. Rucobono re: Performance Review	2008	39 NT				K00005	002031	481	ENTER-NON A/P	\$ 39.00	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Reilly retirement dinner	2008	157.5 NT				K00201	002937	481	ENTER-NON A/P	\$ 157.50	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Meetings in UK with National Grid Legal	2008	6752.94 TR		08/02/2008	08/07/2008	K00201	002937	481	ENTER-NON A/P	\$ 305.85	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Business Meetings in Waltham/Westborough	2008	761.74 TR		09/22/2008	09/25/2008	K00201	002937	481	ENTER-NON A/P	\$ 107.40	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Dinner Meeting with Legal Dept.	2008	50 NT				K00201	002937	481	ENTER-NON A/P	\$ 50.00	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	EEI Conference	2008	2245.59 TR		10/29/2008	10/31/2008	K00201	002937	481	ENTER-NON A/P	\$ 401.23	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Meeting with Real Estate Group	2008	191.53 NT				K00201	002937	481	ENTER-NON A/P	\$ 191.53	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Environmental Interview	2008	96.74 NT				K00201	002937	481	ENTER-NON A/P	\$ 96.74	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
											\$ 333,981.81			\$ 28,628.20		\$ 10,930.77	\$ 18,253.08

Massachusetts Information Request AG-32-47 - Transp
Allocation to Niagara Mohawk Power Corporation

Calendar Yr	Exp Empl Id	Exp Type	Exp Type Descr	Regulatory Acct	Regulatory Acct Descr	Billing Pool	Expense \$	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
2009	100711508	TRANSP	Jeff's Transportation - Waltham to Logan	921000	A&G-Office Supplies	00201	\$ 47.50	40.682%	\$ 19.32	0.000%	\$ -	\$ -
2009	100711508	TRANSP	Jeff's Transportation-Logan to Waltham	921000	A&G-Office Supplies	00233	\$ 47.50	54.013%	\$ 25.66	0.000%	\$ -	\$ -
2009	100711508	TRANSP	Jeff's Transportation-Logan to Waltham	921000	A&G-Office Supplies	00201	\$ 47.50	40.682%	\$ 19.32	0.000%	\$ -	\$ -
2009	100711508	TRANSP	Silverline cars from Warwick to Shareholder Dinner	921000	A&G-Office Supplies	00233	\$ 255.42	54.013%	\$ 137.96	0.000%	\$ -	\$ -
2009	100711508	TRANSP	Silverline cars from Warwick to Shareholder Dinner	921000	A&G-Office Supplies	00201	\$ 255.43	40.682%	\$ 103.91	0.000%	\$ -	\$ -
2009	100711508	TRANSP	Silverline Cars from Warwick to London	921000	A&G-Office Supplies	00233	\$ 109.34	54.013%	\$ 59.06	0.000%	\$ -	\$ -
2009	100711508	TRANSP	Silverline Cars from Warwick to London	921000	A&G-Office Supplies	00201	\$ 109.34	40.682%	\$ 44.48	0.000%	\$ -	\$ -
2009	100711508	TRANSP	Silverline Cars from Walton Hall to Sofitel, London	921000	A&G-Office Supplies	00233	\$ 165.99	54.013%	\$ 89.66	0.000%	\$ -	\$ -
2009	100711508	TRANSP	Silverline Cars from Walton Hall to Sofitel, London	921000	A&G-Office Supplies	00201	\$ 166.00	40.682%	\$ 67.53	0.000%	\$ -	\$ -
2009	100711508	TRANSP	Silverline cars from Heathrow to Warwick Hilton	921000	A&G-Office Supplies	00233	\$ 120.48	54.013%	\$ 65.07	0.000%	\$ -	\$ -
2009	100711508	TRANSP	Silverline cars from Heathrow to Warwick Hilton	921000	A&G-Office Supplies	00201	\$ 120.49	40.682%	\$ 49.02	0.000%	\$ -	\$ -
2009	100711508	TRANSP	Jeff's Transportation - Logan to home	921000	A&G-Office Supplies	00233	\$ 47.50	54.013%	\$ 25.66	0.000%	\$ -	\$ -
2009	100711508	TRANSP	Jeff's Transportation - Logan to home	921000	A&G-Office Supplies	00201	\$ 47.50	40.682%	\$ 19.32	0.000%	\$ -	\$ -
2009	100711508	TRANSP	Jeff's Transportation - home to Logan	921000	A&G-Office Supplies	00233	\$ 53.50	54.013%	\$ 28.90	0.000%	\$ -	\$ -
2009	100711508	TRANSP	Jeff's Transportation - home to Logan	921000	A&G-Office Supplies	00201	\$ 53.50	40.682%	\$ 21.76	0.000%	\$ -	\$ -
2009	100711508	TRANSP	Exec Car Service - 3 trips	921000	A&G-Office Supplies	00233	\$ 379.68	54.013%	\$ 205.08	0.000%	\$ -	\$ -
2009	100711508	TRANSP	Exec Car Service - 3 trips	921000	A&G-Office Supplies	00201	\$ 379.68	40.682%	\$ 154.46	0.000%	\$ -	\$ -
							\$ 189,911.20		\$ 62,857.06		\$ 9,178.09	\$ 39,099.58

Massachusetts Information Request AG-32-48 - EXPHCA
Allocation to Niagara Mohawk Power Corporation

Calendar Yr	Exp Empl Id	Exp Type	Exp Type Descr	Regulatory Acct	Regulatory Acct Descr	Billing Pool	Expense \$	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTV
			Verizon Aug. Acct - # 781									
			259									
			0625									
			797									
2009	100056326	EXPHCA	0013 @ 9 Oakdale Lane Lincoln, MA	921000	A&G-Office Supplies	00233	\$ 142.69	54.013%	\$ 77.07	0.000%	\$ -	\$ 77.07
			Verizon phone/internet Act. # 781 259									
2009	100056326	EXPHCA	0625 797 0013	921000	A&G-Office Supplies	00233	\$ 208.14	54.013%	\$ 112.42	0.000%	\$ -	\$ 112.42
			Verizon - @ 9 Oakdale Rd., Lincoln, MA									
2009	100056326	EXPHCA	Acct. # 781 259 0625 797 0013	921000	A&G-Office Supplies	00233	\$ 153.66	54.013%	\$ 83.00	0.000%	\$ -	\$ -
			Verizon bill (acct.# 781 259 0625 79 97									
2009	100056326	EXPHCA	0013) for Oakland Rd., Lincoln, MA	921000	A&G-Office Supplies	00233	\$ 112.29	54.013%	\$ 60.65	0.000%	\$ -	\$ -
			Acct. # 781 259 0625 797 0013 Acct. # 80									
			2056 495 1018 @ 9 Oakdale La. Lincoln,									
2009	100056326	EXPHCA	MA	921000	A&G-Office Supplies	00233	\$ 112.27	54.013%	\$ 60.64	0.000%	\$ -	\$ -
							\$ 17,583.09		\$ 7,376.02		\$ 929.37	\$ 3,933.86

Massachusetts Information Request AG-32-49 - EXUTIL
Allocation to Niagara Mohawk Power Corporation

Calendar Yr	Exp Empl Id	Exp Type	Exp Type Descr	Regulatory Acct	Regulatory Acct Descr	Billing Pool	Expense \$	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
2009	100053543	EXUTIL	Medway Oil	921000	A&G-Office Supplies	00201	\$ 352.50	40.682%	\$ 143.40	0.000%	\$ -	\$ 143.40
2009	100053543	EXUTIL	Strawberry Hill Landscaping	921000	A&G-Office Supplies	00201	\$ 346.00	40.682%	\$ 140.76	0.000%	\$ -	\$ 140.76
2009	100053543	EXUTIL	NStar Monthly Electric Bill	921000	A&G-Office Supplies	00201	\$ 150.20	40.682%	\$ 61.10	0.000%	\$ -	\$ 61.10
2009	100053543	EXUTIL	NStar electric	921000	A&G-Office Supplies	00201	\$ 151.58	40.682%	\$ 61.67	0.000%	\$ -	\$ 61.67
2009	100053543	EXUTIL	Monthly Dover Trucking Trash pick up	921000	A&G-Office Supplies	00201	\$ 40.46	40.682%	\$ 16.46	0.000%	\$ -	\$ 16.46
2009	100053543	EXUTIL	Monthly Comcast cable bill	921000	A&G-Office Supplies	00201	\$ 117.07	40.682%	\$ 47.63	0.000%	\$ -	\$ 47.63
2009	100053543	EXUTIL	Dover Trucking - trash pick up	921000	A&G-Office Supplies	00201	\$ 40.44	40.682%	\$ 16.45	0.000%	\$ -	\$ 16.45
2009	100053543	EXUTIL	Strawberry Hill Landscaping	921000	A&G-Office Supplies	00201	\$ 138.00	40.682%	\$ 56.14	0.000%	\$ -	\$ 56.14
2009	100053543	EXUTIL	NStar Electric	921000	A&G-Office Supplies	00201	\$ 125.11	40.682%	\$ 50.96	0.000%	\$ -	\$ 50.96
2009	100053543	EXUTIL	Dover Trucking - Trash	921000	A&G-Office Supplies	00201	\$ 40.43	40.682%	\$ 16.45	0.000%	\$ -	\$ 16.45
2009	100053543	EXUTIL	Strawberry Hill Landscaping and Irrigation, Inc.	921000	A&G-Office Supplies	00201	\$ 138.00	40.682%	\$ 56.14	0.000%	\$ -	\$ 56.14
2009	100053543	EXUTIL	NSTAR Electric Bill	921000	A&G-Office Supplies	00201	\$ 132.35	40.682%	\$ 53.84	0.000%	\$ -	\$ 53.84
2009	100053543	EXUTIL	NStar electric	921000	A&G-Office Supplies	00201	\$ 205.84	40.682%	\$ 83.74	0.000%	\$ -	\$ 83.74
2009	100053543	EXUTIL	Monthly Trash invoice	921000	A&G-Office Supplies	00201	\$ 40.66	40.682%	\$ 16.54	0.000%	\$ -	\$ 16.54
2009	100053543	EXUTIL	Medway Oil Co.	921000	A&G-Office Supplies	00201	\$ 382.13	40.682%	\$ 155.46	0.000%	\$ -	\$ 155.46
2009	100053543	EXUTIL	Dover Water Company	921000	A&G-Office Supplies	00201	\$ 255.17	40.682%	\$ 103.81	0.000%	\$ -	\$ 103.81
2009	100053543	EXUTIL	Strawberry Hill Landscaping	921000	A&G-Office Supplies	00201	\$ 184.00	40.682%	\$ 74.85	0.000%	\$ -	\$ -
2009	100053543	EXUTIL	NStar Electric	921000	A&G-Office Supplies	00201	\$ 126.00	40.682%	\$ 51.26	0.000%	\$ -	\$ -
2009	100053543	EXUTIL	Dover Trucking-Trash Removal	921000	A&G-Office Supplies	00201	\$ 40.75	40.682%	\$ 16.58	0.000%	\$ -	\$ -
2009	100053543	EXUTIL	NSTAR Electric Bill	921000	A&G-Office Supplies	00201	\$ 137.18	40.682%	\$ 55.81	0.000%	\$ -	\$ -
2009	100053543	EXUTIL	Dover Trucking - Monthly waste pickup	921000	A&G-Office Supplies	00201	\$ 40.77	40.682%	\$ 16.59	0.000%	\$ -	\$ -
2009	100053543	EXUTIL	N-Star Electricity Bill	921000	A&G-Office Supplies	00201	\$ 126.83	40.682%	\$ 51.60	0.000%	\$ -	\$ -
2009	100053543	EXUTIL	Medway Oil	921000	A&G-Office Supplies	00201	\$ 524.44	40.682%	\$ 213.35	0.000%	\$ -	\$ -
2009	100053543	EXUTIL	Dover Trucking monthly bill	921000	A&G-Office Supplies	00201	\$ 261.06	40.682%	\$ 106.20	0.000%	\$ -	\$ -
2009	100056326	EXUTIL	NSTAR - June - Acct.# 2056 495 1018 @ 9 Oakdale Rd., Lincoln, MA	921000	A&G-Office Supplies	00233	\$ 94.05	54.013%	\$ 50.80	0.000%	\$ -	\$ 50.80
2009	100056326	EXUTIL	NSTAR - Acct.# 2056 495 1018 July bill @ 9 Oakdale Rd., Lincoln, MA	921000	A&G-Office Supplies	00233	\$ 162.30	54.013%	\$ 87.66	0.000%	\$ -	\$ 87.66
2009	100056326	EXUTIL	NSTAR Aug. bill acct.# 2056 495 1018	921000	A&G-Office Supplies	00233	\$ 308.98	54.013%	\$ 166.89	0.000%	\$ -	\$ 166.89
2009	100056326	EXUTIL	NSTAR Acct # 20564951018 - @ 9 Oakdale Lane Lincoln, MA	921000	A&G-Office Supplies	00233	\$ 280.74	54.013%	\$ 151.64	0.000%	\$ -	\$ 151.64
2009	100056326	EXUTIL	NSTAR Electric - @ 9 Oakdale Rd., Lincoln, MA Acct. # 20564951018	921000	A&G-Office Supplies	00233	\$ 324.58	54.013%	\$ 175.32	0.000%	\$ -	\$ -
2009	100056326	EXUTIL	Oil for 9 Oakland Rd., Lincoln, MA	921000	A&G-Office Supplies	00233	\$ 458.00	54.013%	\$ 247.38	0.000%	\$ -	\$ -
2009	100056326	EXUTIL	NSTAR Nov. bill (acct. # 2056 495 1018) for 9 Oakland Rd., Lincoln, MA	921000	A&G-Office Supplies	00233	\$ 322.61	54.013%	\$ 174.25	0.000%	\$ -	\$ -
2009	100056326	EXUTIL	Eastern Propane & Oil Acct. # 2028298 for 9 Oakland Rd., Lincoln, MA	921000	A&G-Office Supplies	00233	\$ 86.39	54.013%	\$ 46.66	0.000%	\$ -	\$ -
2009	100056326	EXUTIL	NSTAR - Acct. # 80 2056 495 1018 @ 9 Oakdale La. Lincoln, MA	921000	A&G-Office Supplies	00233	\$ 328.20	54.013%	\$ 177.27	0.000%	\$ -	\$ -
							\$ 90,262.58		\$ 34,293.97		\$ 5,046.85	\$ 17,406.23

Massachusetts Information Request AG-32-50 - EXFURN
Allocation to Niagara Mohawk Power Corporation

Calendar Yr	Exp Empl Id	Exp Type	Exp Type Descr	Regulatory Acct	Regulatory Acct Descr	Billing Pool	Expense \$	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
2009	100051366	EXFURN		921000	A&G-Office Supplies	00200	\$ 166.65	0.000%	\$ -	13.066%	\$ 21.77	\$ -
2009	100051366	EXFURN	Furniture Rental	921000	A&G-Office Supplies	00203	\$ 166.65	44.671%	\$ 74.44	0.000%	\$ -	\$ -
2009	100051366	EXFURN	Furniture Rental	921000	A&G-Office Supplies	00200	\$ 166.65	0.000%	\$ -	13.066%	\$ 21.77	\$ -
2009	100051366	EXFURN	Jan '10 Furniture Rental	921000	A&G-Office Supplies	00203	\$ 166.65	44.671%	\$ 74.44	0.000%	\$ -	\$ -
2009	100051366	EXFURN	Jan '10 Furniture Rental	921000	A&G-Office Supplies	00200	\$ 166.65	0.000%	\$ -	13.066%	\$ 21.77	\$ -
2008	100054644	EXFURN	Furniture rental Sep 25 to Oct 24	921000	A&G-Office Supplies	00380	\$ 890.70	44.016%	\$ 392.05	9.015%	\$ 80.30	\$ 392.05
2008	100054644	EXFURN		921000	A&G-Office Supplies	00380	\$ 1,498.00	44.016%	\$ 659.36	9.015%	\$ 135.05	\$ 659.36
2008	100054644	EXFURN	Churchill: Sep 25 to Oct 24	921000	A&G-Office Supplies	00380	\$ 890.70	44.016%	\$ 392.05	9.015%	\$ 80.30	\$ 392.05
2008	100054644	EXFURN	Churchill: Oct 25 to Nov 24	921000	A&G-Office Supplies	00380	\$ 890.70	44.016%	\$ 392.05	9.015%	\$ 80.30	\$ 392.05
2008	100054644	EXFURN	Churchill: Nov 25 to Dec 24	921000	A&G-Office Supplies	00380	\$ 890.70	44.016%	\$ 392.05	9.015%	\$ 80.30	\$ 392.05
2008	100054644	EXFURN	Churchill: Dec 25 to Jan 24	921000	A&G-Office Supplies	00380	\$ 890.70	44.016%	\$ 392.05	9.015%	\$ 80.30	\$ 392.05
2008	100054644	EXFURN	Beethoven: Oct 12 to Nov 11	921000	A&G-Office Supplies	00380	\$ 298.00	44.016%	\$ 131.17	9.015%	\$ 26.87	\$ 131.17
2008	100054644	EXFURN	Beethoven: Nov 12 to Dec 11	921000	A&G-Office Supplies	00380	\$ 298.00	44.016%	\$ 131.17	9.015%	\$ 26.87	\$ 131.17
2008	100054644	EXFURN	Beethoven: Dec 12 to Jan 11	921000	A&G-Office Supplies	00380	\$ 298.00	44.016%	\$ 131.17	9.015%	\$ 26.87	\$ 131.17
2009	100054644	EXFURN		921000	A&G-Office Supplies	00380	\$ 890.70	44.016%	\$ 392.05	9.015%	\$ 80.30	\$ 392.05
2009	100054644	EXFURN		921000	A&G-Office Supplies	00380	\$ 890.70	44.016%	\$ 392.05	9.015%	\$ 80.30	\$ 392.05
2009	100054644	EXFURN		921000	A&G-Office Supplies	00380	\$ 890.70	44.016%	\$ 392.05	9.015%	\$ 80.30	\$ 392.05
							\$ 24,300.87		\$ 10,435.19		\$ 1,468.87	\$ 5,226.62

Massachusetts Information Request AG-32-51 - EXHMLV
Allocation to Niagara Mohawk Power Corporation

Calendar Yr	Exp Empl Id	Exp Type	Exp Type Descr	Regulatory Acct	Regulatory Acct Descr	Billing Pool	Expense \$	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
			Andrew Ryan-Smith's home leave									
2009	100053543	EXHMLV	expenses for Christmas Holidays	921000	A&G-Office Supplies	00201	\$ 1,907.60	27.305%	\$ 520.87	0.000%	\$ -	\$ -
2008	100054644	EXHMLV		921000	A&G-Office Supplies	00380	\$ 4,664.00	44.016%	\$ 2,052.91	9.015%	\$ 420.47	\$ 2,052.91
							\$ 63,037.62		\$ 19,074.13		\$ 1,379.88	\$ 13,923.09

Massachusetts Information Request AG-32-52 - EXLEASE
Allocation to Niagara Mohawk Power Corporation

Calendar Yr	Exp Empl Id	Exp Type	Exp Type Descr	Regulatory Acct	Regulatory Acct Descr	Billing Pool	Expense \$	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
2009	100056326	EXLEASE	November rental @ 9 Oakdale Rd., Lincoln, MA	921000	A&G-Office Supplies	00233	\$ 4,300.00	54.013%	\$ 2,322.56	0.000%	\$ -	\$ -
2009	100056326	EXLEASE	12/09 rent pd in advance for - 9 Oakland Rd., Lincoln, MA	921000	A&G-Office Supplies	00233	\$ 4,300.00	54.013%	\$ 2,322.56	0.000%	\$ -	\$ -
2009	100056326	EXLEASE	Dec. 09 house lease @ 9 Oakdale La. Lincoln, MA	921000	A&G-Office Supplies	00233	\$ 4,300.00	54.013%	\$ 2,322.56	0.000%	\$ -	\$ -
2009	100059394	EXLEASE	Rent for December and January	928000	Regulatory Comm Exp	00239	\$ 5,700.00	27.305%	\$ 1,556.40	4.594%	\$ 261.86	\$ -
2009	100059394	EXLEASE	Rent	928000	Regulatory Comm Exp	00239	\$ 2,850.00	27.305%	\$ 778.20	4.594%	\$ 130.93	\$ -
							\$ 633,509.01		\$ 236,752.72		\$ 24,044.36	\$ 144,586.80

Massachusetts Information Request AG-32-53 - EXINSU
Allocation to Niagara Mohawk Power Corporation

Calendar Yr	Exp Empl Id	Exp Type	Exp Type Descr	Regulatory Acct	Regulatory Acct Descr	Billing Pool	Expense \$	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
2009	100053313	EX-INSU	Personal Liability Policy ("Umbrella")	921000	A&G-Office Supplies	00380	394	43.749%	\$ 172.37	8.961%	\$ 35.31	\$ -
2009	100053313	EX-INSU	Non-Auto Insurance	921000	A&G-Office Supplies	00380	279	43.749%	\$ 122.06	8.961%	\$ 25.00	\$ -
2009	100053313	EX-INSU	Personal Liability	921000	A&G-Office Supplies	00380	394	44.016%	\$ 173.42	9.015%	\$ 35.52	\$ 173.42
2009	100053313	EX-INSU	Auto Insurance	921000	A&G-Office Supplies	00380	279	44.016%	\$ 122.80	9.015%	\$ 25.15	\$ 122.80
							\$ 1,346.00		\$ 590.66		\$ 120.98	\$ 296.23

Massachusetts Information Request AG-32-20 - Miscellaneous
Allocation to Niagara Mohawk Power Corporation

Employee Id	Expense Purpose	Cal Yr	Total Voucher Amount	Trip Start Date	Trip End Date	Project	Activity	Cost Type	Cost Type Description	Work Order Amount	Allocation Code	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
7179	Trip to UK - 9/9/08 - 9/12/08	2008	9764.31	39700		39703 K00081	002004	480	OTHER EE-NON A/P	\$ 18.00	N4800	0.000%	\$ -	0.000%	\$ -	\$ -
7179	Local Travel to Meetings	2008	45.18			K00081	002004	480	OTHER EE-NON A/P	\$ 5.00	N4800	0.000%	\$ -	0.000%	\$ -	\$ -
7179	Travel to UK - 9/29-10/3/08	2008	10390.22	39720		39724 K00081	002004	480	OTHER EE-NON A/P	\$ 18.30	N4800	0.000%	\$ -	0.000%	\$ -	\$ -
7179	Local Travel to Meetings	2008	24.84			K00081	002004	480	OTHER EE-NON A/P	\$ 5.00	N4800	0.000%	\$ -	0.000%	\$ -	\$ -
7179	Travel to Westboro - 11/6/08	2008	839.3	39758		39758 K00081	002004	480	OTHER EE-NON A/P	\$ 38.00	N4800	0.000%	\$ -	0.000%	\$ -	\$ -
7179	Travel to Waltham - October 30, 2008	2008	835.75	39751		39751 K00081	002004	480	OTHER EE-NON A/P	\$ 78.00	N4800	0.000%	\$ -	0.000%	\$ -	\$ -
7179	Travel to UK Nov 10	2008	9665.62	39762		39765 K00081	002004	480	OTHER EE-NON A/P	\$ 207.04	N4800	0.000%	\$ -	0.000%	\$ -	\$ -
7179	Miscellaneous	2008	31.94			K00081	002004	480	OTHER EE-NON A/P	\$ 31.94	N4800	0.000%	\$ -	0.000%	\$ -	\$ -
7179	Travel to Westboro - 11/20/08	2008	877.4	39772		39772 K00081	002004	480	OTHER EE-NON A/P	\$ 78.00	N4800	0.000%	\$ -	0.000%	\$ -	\$ -
7179	Travel to Boston/NY - 12/1/08	2008	2771.2	39783		39783 K00081	002004	480	OTHER EE-NON A/P	\$ 38.00	N4800	0.000%	\$ -	0.000%	\$ -	\$ -
7179	Travel to UK - Dec 9	2008	9166.99	39791		39794 K00081	002004	480	OTHER EE-NON A/P	\$ 16.65	N4800	0.000%	\$ -	0.000%	\$ -	\$ -
7592	Meeting with CEO of Sierra Pacific Resources	2008	1765.63	39428		39429 K00004	002031	480	OTHER EE-NON A/P	\$ 50.00	G5700	0.000%	\$ -	0.000%	\$ -	\$ -
7592	Attendance at Exnet Utility M&A Conference	2008	1595			K00004	002031	480	OTHER EE-NON A/P	\$ 1,595.00	G5700	0.000%	\$ -	0.000%	\$ -	\$ -
7592	Attendance at Climate Change Seminar	2008	2044.92	39552		39553 K00004	002031	480	OTHER EE-NON A/P	\$ 1,014.90	G5700	0.000%	\$ -	0.000%	\$ -	\$ -
7592	AGA Leadership Council Meeting	2008	911.23	39541		39541 K00004	002031	480	OTHER EE-NON A/P	\$ 467.38	G5700	0.000%	\$ -	0.000%	\$ -	\$ -
7592	Meetings and Leadership Conference in the UK	2008	4812.61	39565		39569 K00004	002031	480	OTHER EE-NON A/P	\$ 89.84	G5700	0.000%	\$ -	0.000%	\$ -	\$ -
7592	Meetings with Edward Astle	2008	915.62	39561		39562 K00004	002031	480	OTHER EE-NON A/P	\$ 8.95	G5700	0.000%	\$ -	0.000%	\$ -	\$ -
7592	Attend Spectra and Kinder Morgan meetings	2008	1825.43	39581		39582 K00004	002031	480	OTHER EE-NON A/P	\$ 38.00	G5700	0.000%	\$ -	0.000%	\$ -	\$ -
7592	Subscription to Enerfax Daily	2008	795			K00004	002031	480	OTHER EE-NON A/P	\$ 795.00	G5700	0.000%	\$ -	0.000%	\$ -	\$ -
7592	Biennial Attorney Registration	2008	350			K00004	002031	480	OTHER EE-NON A/P	\$ 350.00	G5700	0.000%	\$ -	0.000%	\$ -	\$ -
7592	Cran's New York Subscription	2008	69.95			K00004	002031	480	OTHER EE-NON A/P	\$ 69.95	G5700	0.000%	\$ -	0.000%	\$ -	\$ -
7592	ED&G QPR Meeting	2008	669.22	39644		39645 K00004	002031	480	OTHER EE-NON A/P	\$ 3.50	G5700	0.000%	\$ -	0.000%	\$ -	\$ -
7592	Attend and Speak at AGA Legal Forum	2008	5504.61	39647		39652 K00004	002031	480	OTHER EE-NON A/P	\$ 909.85	G5700	0.000%	\$ -	0.000%	\$ -	\$ -
7592	American Bar Association Dues	2008	514			K00004	002031	480	OTHER EE-NON A/P	\$ 514.00	G5700	0.000%	\$ -	0.000%	\$ -	\$ -
7592	Annual Dues for Society of Gas Lighting	2008	300			K00004	002031	480	OTHER EE-NON A/P	\$ 300.00	G5700	0.000%	\$ -	0.000%	\$ -	\$ -
7592	New York State Bar Association Dues	2008	425			K00004	002031	480	OTHER EE-NON A/P	\$ 425.00	G5700	0.000%	\$ -	0.000%	\$ -	\$ -
7592	Attendance at Forbes Media Energy Conference	2008	1200			K00004	002031	480	OTHER EE-NON A/P	\$ 1,200.00	G5700	0.000%	\$ -	0.000%	\$ -	\$ -
7592	Offsite Meeting to Discuss LIPA Project	2009	2261.9			K00004	002031	480	OTHER EE-NON A/P	\$ 2,261.90	G5700	0.000%	\$ -	0.000%	\$ -	\$ -
7942	Membership Dues	2008	2709.38			K00001	002031	480	OTHER EE-NON A/P	\$ 2,709.38	G5100	28.440%	\$ 770.55	0.000%	\$ -	\$ -
7942	Attend EEI Board Meeting	2008	2286.89	39456		39457 K00001	002031	480	OTHER EE-NON A/P	\$ 19.00	G5100	28.440%	\$ 5.40	0.000%	\$ -	\$ -
7942	Attend National Grid Executive Committee Mtg.	2008	662.63	39463		39464 K00001	002031	480	OTHER EE-NON A/P	\$ 71.78	G5100	28.440%	\$ 20.41	0.000%	\$ -	\$ -
7942	Service Fees	2008	30			K00001	002031	480	OTHER EE-NON A/P	\$ 30.00	G5100	28.440%	\$ 8.53	0.000%	\$ -	\$ -
7942	Club Membership	2008	315			K00001	002031	480	OTHER EE-NON A/P	\$ 315.00	G5100	28.440%	\$ 89.59	0.000%	\$ -	\$ -
7942	Hydrogen Economy Publication	2008	347			K00001	002031	480	OTHER EE-NON A/P	\$ 347.00	G5100	28.440%	\$ 98.69	0.000%	\$ -	\$ -
7942	Membership Fee	2008	306			K00001	002031	480	OTHER EE-NON A/P	\$ 306.00	G5100	28.440%	\$ 87.03	0.000%	\$ -	\$ -
7942	Renew Subscription	2008	49			K00001	002031	480	OTHER EE-NON A/P	\$ 49.00	G5100	28.440%	\$ 13.94	0.000%	\$ -	\$ -
7942	Registration	2008	1890			K00001	002031	480	OTHER EE-NON A/P	\$ 1,890.00	G5100	28.440%	\$ 537.52	0.000%	\$ -	\$ -
7942	ABNY Breakfast	2008	65			K00001	002031	480	OTHER EE-NON A/P	\$ 65.00	G5100	22.520%	\$ 14.64	5.420%	\$ 3.52	\$ -
7942	Membership Fee	2008	350			K00001	002031	480	OTHER EE-NON A/P	\$ 350.00	G5100	22.520%	\$ 78.82	5.420%	\$ 18.97	\$ -
7942	Registration Fee	2008	70			K00001	002031	480	OTHER EE-NON A/P	\$ 70.00	G5100	22.520%	\$ 15.76	5.420%	\$ 3.79	\$ -
7942	Energy Business Report on Smart Grid	2008	347			K00001	002031	480	OTHER EE-NON A/P	\$ 347.00	G5100	22.520%	\$ 78.14	5.420%	\$ 18.81	\$ -
7942	Registration Fee	2008	250			K00001	002031	480	OTHER EE-NON A/P	\$ 250.00	G5100	22.520%	\$ 56.30	5.420%	\$ 13.55	\$ -
7942	Registration Fee	2008	250	39652		39653 K00001	002031	480	OTHER EE-NON A/P	\$ 250.00	G5100	22.520%	\$ 56.30	5.420%	\$ 13.55	\$ -
7942	Purchase Energy Report	2008	547			K00001	002031	480	OTHER EE-NON A/P	\$ 547.00	G5100	22.520%	\$ 123.18	5.420%	\$ 29.65	\$ -
7942	Registration Fee	2008	70			K00001	002031	480	OTHER EE-NON A/P	\$ 70.00	G5100	22.520%	\$ 15.76	5.420%	\$ 3.79	\$ -
7942	Membership Renewal	2008	250			K00001	002031	480	OTHER EE-NON A/P	\$ 250.00	G5100	22.520%	\$ 56.30	5.420%	\$ 13.55	\$ -
7942	Membership Fee	2008	500			K00001	002031	480	OTHER EE-NON A/P	\$ 500.00	G5100	22.520%	\$ 112.60	5.420%	\$ 27.10	\$ -
7942	LI Business News	2008	53			K00001	002031	480	OTHER EE-NON A/P	\$ 53.00	G5100	22.520%	\$ 11.94	5.420%	\$ 2.87	\$ -
7942	Biomass and Biofuels Report	2008	747			K00001	002031	480	OTHER EE-NON A/P	\$ 747.00	G5100	22.520%	\$ 168.22	5.420%	\$ 40.49	\$ -
7942	Membership Renewal	2008	400			K00001	002031	480	OTHER EE-NON A/P	\$ 400.00	G5100	22.520%	\$ 90.08	5.420%	\$ 21.68	\$ 90.08
7942	Christmas Cards	2008	4027.6			K00001	002031	480	OTHER EE-NON A/P	\$ 4,027.60	G5100	22.520%	\$ 907.02	5.420%	\$ 218.30	\$ 907.02
7942	Energy Report	2008	347			K00001	002031	480	OTHER EE-NON A/P	\$ 347.00	G5100	22.520%	\$ 78.14	5.420%	\$ 18.81	\$ -
7942	Attend National Grid Board Meeting	2008	16564.03	39768		39770 K00001	002031	480	OTHER EE-NON A/P	\$ 99.08	G5100	22.520%	\$ 22.31	5.420%	\$ 5.37	\$ 22.31
7942	Subscription Renewal	2008	89			K00001	002031	480	OTHER EE-NON A/P	\$ 89.00	G5100	22.520%	\$ 20.04	5.420%	\$ 4.82	\$ 20.04
7942	Presentation at Economist Energy Conference	2008	2488.48	39778		39784 K00001	002031	480	OTHER EE-NON A/P	\$ 38.00	G5100	22.520%	\$ 8.56	5.420%	\$ 2.06	\$ 8.56
7942	Order Publication	2008	497			K00001	002031	480	OTHER EE-NON A/P	\$ 497.00	G5100	22.520%	\$ 111.92	5.420%	\$ 26.94	\$ 111.92
8343	Manchester, New Hampshire	2008	788.23	39454		39454 K00208	002031	480	OTHER EE-NON A/P	\$ 10.00	G5100	28.440%	\$ 2.84	0.000%	\$ -	\$ -
8343	Home Office Supplies	2008	147.84			K00208	002031	480	OTHER EE-NON A/P	\$ 147.84	G5100	28.440%	\$ 41.99	0.000%	\$ -	\$ -
8343	Internet Access from home	2008	272.7			K00208	002031	480	OTHER EE-NON A/P	\$ 272.70	G5100	28.440%	\$ 77.56	0.000%	\$ -	\$ -
8343	EEL Meeting in Arizona & AGA Meeting in Houston	2008	1895.27	39455		39458 K00208	002031	480	OTHER EE-NON A/P	\$ 3.20	G5100	28.440%	\$ 0.91	0.000%	\$ -	\$ -
8343	Speaking engagement at Cazenovia	2008	1010.64	39548		39549 K00208	002031	480	OTHER EE-NON A/P	\$ 38.00	G5100	22.520%	\$ 8.56	5.420%	\$ 2.06	\$ -

Massachusetts Information Request AG-32-20 - Miscellaneous
Allocation to Niagara Mohawk Power Corporation

Employee Id	Expense Purpose	Cal Yr	Total Voucher Amount	Trip Start Date	Trip End Date	Project	Activity	Cost Type	Cost Type Description	Work Order Amount	Allocation Code	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTV
92080	Optimization 101 Meeting in Boston	2009	518.63	39986	39986	K05454	002478	480	OTHER EE-NON A/P	\$ 64.40	A9900	0.000%	\$ -	0.000%	\$ -	\$ -
92080	Travel to Res. Woods for Gas Port. Mgmt Strat. Mtg	2009	639.6	40018	40018	K05454	002478	480	OTHER EE-NON A/P	\$ 64.40	A9900	0.000%	\$ -	0.000%	\$ -	\$ -
92080	Travel to meeting in Boston, MA with DPU and AG	2009	464.55	40031	40031	K05454	002478	480	OTHER EE-NON A/P	\$ 64.40	A9900	0.000%	\$ -	0.000%	\$ -	\$ -
92080	Meeting at Connecticut Yankee Site in Haddam, CT	2009	301.94	40043	40043	K05454	002478	480	OTHER EE-NON A/P	\$ 184.50	A9900	0.000%	\$ -	0.000%	\$ -	\$ -
92080	Various trip from Hicksville to NYC for bus. event	2009	88.75			K05454	002478	480	OTHER EE-NON A/P	\$ 32.50	A9900	0.000%	\$ -	0.000%	\$ -	\$ -
92080	Lunch to celebrate Barrett Oil Delivery Success	2009	43.74			K05454	002478	480	OTHER EE-NON A/P	\$ 43.74	A9900	0.000%	\$ -	0.000%	\$ -	\$ -
92080	DFL Training, Birmingham, UK	2009	4461.54	40069	40074	K05454	002478	480	OTHER EE-NON A/P	\$ 38.00	A9900	0.000%	\$ -	0.000%	\$ -	\$ -
92080	Archer Contingent Energy Risk Seminar	2009	1746.17	40087	40090	K05454	002478	480	OTHER EE-NON A/P	\$ 131.00	A9900	0.000%	\$ -	0.000%	\$ -	\$ -
92080	Mtg in Waltham, Presentation Supply and Forecastin	2009	607.2	40128	40128	K05454	002478	480	OTHER EE-NON A/P	\$ 38.00	A9900	0.000%	\$ -	0.000%	\$ -	\$ -
92080	Safety Leadership Seminar in Waltham	2009	534.39	40122	40123	K05454	002478	480	OTHER EE-NON A/P	\$ 302.00	A9900	0.000%	\$ -	0.000%	\$ -	\$ -
92080	Mtg. in Boston, Presentation Supply & Forecasting	2009	511.6	40150	40150	K05454	002478	480	OTHER EE-NON A/P	\$ 64.40	A9900	0.000%	\$ -	0.000%	\$ -	\$ -
										\$ 194,436.14			\$ 23,974.89		\$ 8,257.72	\$ 17,521.84

Massachusetts Information Request AG-32-21 - Lodging
Allocation to Niagara Mohawk Power Corporation

Employee Id	Expense Purpose	Cal Yr	Total Voucher Amount	Trip Start Date	Trip End Date	Project	Activity	Cost Type	Cost Type Description	Work Order Amount	Allocation Code	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
89853	resource Management Trip to Utica	2008	287.68	39561	39562	NAU120	003952	477	TRAVEL-NON A/P	\$ 225.68	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	RM Tnp UK	2008	4141.16	39615	39617	NAU120	003952	477	TRAVEL-NON A/P	\$ 477.32	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Contract Trip NE	2008	148.51	39623	39624	NAU120	003952	477	TRAVEL-NON A/P	\$ 119.62	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	SRP Meeting NE	2008	789.44	39595	39596	NAU120	003952	477	TRAVEL-NON A/P	\$ 213.60	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Contract Strategy Meeting	2008	891.24	39651	39652	NAU120	003952	477	TRAVEL-NON A/P	\$ 240.24	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	GAM Conference	2008	3114.63	39636	39640	NAU120	003952	477	TRAVEL-NON A/P	\$ 479.33	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Network Strategy Roadshow	2008	1078.63	39604	39605	NAU120	003952	477	TRAVEL-NON A/P	\$ 120.00	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	PAS 55 Meetings Syracuse	2008	546.37	39657	39658	NAU120	003952	477	TRAVEL-NON A/P	\$ 100.57	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Investment Planning Tnp Syracuse	2008	239.84	39748	39749	NAU120	003952	477	TRAVEL-NON A/P	\$ 170.68	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	M&S Pre-Bid NE	2008	347.47	39713	39714	NAU120	003952	477	TRAVEL-NON A/P	\$ 191.98	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	PASS 55 Meeting	2008	842.76	39735	39737	NAU120	003952	477	TRAVEL-NON A/P	\$ 765.70	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Work Out Session UK Work Delivery	2009	3829.2	39769	39773	NAU120	003952	477	TRAVEL-NON A/P	\$ 1,402.50	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	X-LOB work out session AM Boston	2009	1043.22	39783	39786	NAU120	003952	477	TRAVEL-NON A/P	\$ 517.51	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	IP trip NE	2009	308.13	39757	39788	NAU120	003952	477	TRAVEL-NON A/P	\$ 269.91	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Tnp Syracuse	2009	139.3	39861	39861	NAU120	003952	477	TRAVEL-NON A/P	\$ 139.30	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Gas Investment Planning Trip Albany	2009	311.64	39826	39827	NAU120	003952	477	TRAVEL-NON A/P	\$ 219.74	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Tnp West boro/Waltham	2009	220.79	39945	39946	K03466	002004	477	TRAVEL-NON A/P	\$ 185.39	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Trip Waltham	2009	185.39	39918	39919	K03466	002004	477	TRAVEL-NON A/P	\$ 185.39	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Trip Syracuse	2009	124.3	39952	39953	K03466	002004	477	TRAVEL-NON A/P	\$ 124.30	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Meetings Syracuse	2009	124.3	39861	39862	K03466	002004	477	TRAVEL-NON A/P	\$ 124.30	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Global Asset management Meetings	2009	2770.75	40007	40010	K03466	002004	477	TRAVEL-NON A/P	\$ 156.98	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Meetings Syracuse	2009	188.14	40015	40016	K03466	002004	477	TRAVEL-NON A/P	\$ 124.30	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Trip Waltham	2009	511.54	39980	39981	K03466	002004	477	TRAVEL-NON A/P	\$ 348.84	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Trip Waltham	2009	466.89	39973	39974	K03466	002004	477	TRAVEL-NON A/P	\$ 348.84	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Global Procurement Leadership Meeting	2009	556.17	39965	39968	K03466	002004	477	TRAVEL-NON A/P	\$ 556.17	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Developing Future Leaders training	2009	4023.92	40069	40074	K03466	002004	477	TRAVEL-NON A/P	\$ 938.58	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Trip to Westboro for holiday party	2008	1581.8	39464	39465	K00005	002031	477	TRAVEL-NON A/P	\$ 130.54	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Travel Expenses for Holiday Party in Syracuse	2008	1076.33	39456	39457	K00005	002031	477	TRAVEL-NON A/P	\$ 134.47	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Trip to New England-Meeting with Legal Department	2008	907.35	39510	39511	K00005	002031	477	TRAVEL-NON A/P	\$ 130.54	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Ravenswood Sale-Meeting at Skadden	2008	2832.33			K00005	002031	477	TRAVEL-NON A/P	\$ 2,811.00	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Meetings in UK with National Grid Legal	2008	6752.94	39662	39667	K00201	002937	477	TRAVEL-NON A/P	\$ 1,902.88	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Ravenswood divestiture closing	2008	673.39			K00201	002937	477	TRAVEL-NON A/P	\$ 455.87	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Business Meetings in Waltham/Westborough	2008	761.74	39713	39716	K00201	002937	477	TRAVEL-NON A/P	\$ 575.94	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	Trip to Waltham-meetings and interviews	2008	600.71	39742	39742	K00201	002937	477	TRAVEL-NON A/P	\$ 503.17	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
93394	EEL Conference	2008	2245.59	39750	39752	K00201	002937	477	TRAVEL-NON A/P	\$ 1,761.79	G0800	0.000%	\$ -	0.000%	\$ -	\$ -
										\$ 399,727.44			\$ 31,770.43		\$ 15,412.39	\$ 15,730.99

Massachusetts Information Request AG-32-22 - Transportation Air
Allocation to Niagara Mohawk Power Corporation

Employee Id	Expense Purpose	Cal Yr	Total Voucher Amount	Trip Start Date	Trip End Date	Project	Activity	Cost Type	Cost Type Description	Work Order Amount	Allocation Code	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
24762	Trip P4G CoFacilitate Inn @ Fox Hollow Woodbury	2008	653.82	39617	39618	K99210	002031	471	AIR-NON A/P	\$ 401.17	G5800	24.350%	\$ 97.68	6.680%	\$ 26.80	\$ -
24762	Trip 6/11-12/08 Mtgs MetroTech / Hicksville	2008	1009.16	39610	39611	K99210	002031	471	AIR-NON A/P	\$ 401.17	G5800	24.350%	\$ 97.68	6.680%	\$ 26.80	\$ -
24762	7/1/08 J.Caroselli Strategy Staff Mtg - MetroTech	2008	425.17	39630	39630	K99210	002031	471	AIR-NON A/P	\$ 401.17	G5800	24.350%	\$ 97.68	6.680%	\$ 26.80	\$ -
24762	Trip 6/25-27/08 Hub Dr/Uniondale/NYC/Bklyn/LI	2008	1802.45	39624	39626	K99210	002031	471	AIR-NON A/P	\$ 481.94	G5800	24.350%	\$ 117.35	6.680%	\$ 32.19	\$ -
24762	Trip 7/15/08 Hix/Bklyn: Funct'l Review/Other Mtgs	2008	425.17	39644	39644	K99210	002031	471	AIR-NON A/P	\$ 401.17	G5800	24.350%	\$ 97.68	6.680%	\$ 26.80	\$ -
24762	Trip 7/23-24/08 MetroTech/Uniondale Meetings	2008	1009.9	39652	39653	K99210	002031	471	AIR-NON A/P	\$ 401.17	G5800	24.350%	\$ 97.68	6.680%	\$ 26.80	\$ -
24762	Trip 8/25/08 J.Caroselli Financial Review/Other Mtg	2008	425.17	39685	39685	K99210	002031	471	AIR-NON A/P	\$ 401.17	G5800	24.350%	\$ 97.68	6.680%	\$ 26.80	\$ -
24762	Trip 8/19/08 Cust. Sat'n Exec Cmte -LIPA Uniondale	2008	425.17	39679	39679	K99210	002031	471	AIR-NON A/P	\$ 401.17	G5800	24.350%	\$ 97.68	6.680%	\$ 26.80	\$ -
24762	Trip 8/7/08 LIPA Monthly & AE Mtgs-Uniondale	2008	425.17	39667	39667	K99210	002031	471	AIR-NON A/P	\$ 401.17	G5800	24.350%	\$ 97.68	6.680%	\$ 26.80	\$ -
24762	Trip 10/9/08 DPSC; J.Caroselli Staff & One on One	2008	425.17	39730	39730	K99210	002031	471	AIR-NON A/P	\$ 401.17	G5800	24.350%	\$ 97.68	6.680%	\$ 26.80	\$ 97.68
24762	9/19/08 CustSatExec/Uniondale Fly Down/Drive B.	2008	405.92	39710	39710	K99210	002031	471	AIR-NON A/P	\$ 219.59	G5800	24.350%	\$ 53.47	6.680%	\$ 14.67	\$ 53.47
24762	Trip 10/3/08 S.Zelkowitz/Scorecard/Social Policy	2008	425.17	39724	39724	K99210	002031	471	AIR-NON A/P	\$ 401.17	G5800	24.350%	\$ 97.68	6.680%	\$ 26.80	\$ 97.68
24762	Trip 9/9-10/08 Mtgs.ESS Staff Mtg/OneonOnes/Otr	2008	996.3	39700	39701	K99210	002031	471	AIR-NON A/P	\$ 401.17	G5800	24.350%	\$ 97.68	6.680%	\$ 26.80	\$ 97.68
24762	Trip 9/4/08 Caroselli Staff Mtg/LIPA IS Cmte/Other	2008	425.17	39695	39695	K99210	002031	471	AIR-NON A/P	\$ 401.17	G5800	24.350%	\$ 97.68	6.680%	\$ 26.80	\$ 97.68
24762	Trip 10/21-22/08 Metrotech/Hicksville/New HydePa	2008	711.62	39742	39743	K99210	002031	471	AIR-NON A/P	\$ 363.17	G5800	24.350%	\$ 88.43	6.680%	\$ 24.26	\$ 88.43
24762	Trip U.K. 11/9-11/08 Social Policy Cmte/Other Mtg	2008	6741.93	39761	39763	K99210	002031	471	AIR-NON A/P	\$ 5,843.20	G5800	24.350%	\$ 1,422.82	6.680%	\$ 390.33	\$ 1,422.82
24762	Trip 10/30/08 Canarsie, LIPA-Uniondale, NY	2008	425.17	39751	39751	K99210	002031	471	AIR-NON A/P	\$ 363.17	G5800	24.350%	\$ 88.43	6.680%	\$ 24.26	\$ 88.43
24762	Trip 10/27/08 LIPA Ops Mtg - Hicksville	2008	423.17	39748	39748	K99210	002031	471	AIR-NON A/P	\$ 363.17	G5800	24.350%	\$ 88.43	6.680%	\$ 24.26	\$ 88.43
24762	Trip 10/13-14/08 MetroTech & Buffalo various mtgs	2008	872.59	39734	39735	K99210	002031	471	AIR-NON A/P	\$ 570.59	G5800	24.350%	\$ 138.94	6.680%	\$ 38.12	\$ 138.94
24762	Trip 11/17-18/08 Brooklyn/Uniondale/Hicksville Mtg	2009	909.87	39769	39770	K99210	002031	471	AIR-NON A/P	\$ 363.17	G5800	24.350%	\$ 88.43	6.680%	\$ 24.26	\$ 88.43
24762	Trip 1/30/09 Uniondale NY: LIPA Retail Services	2009	491.37	39843	39843	K99210	002031	471	AIR-NON A/P	\$ 363.37	G5800	24.350%	\$ 88.48	6.680%	\$ 24.27	\$ 88.48
24762	3/10-12/09 Senior Exec Offsite Marriott Uniondale	2009	279.29	39882	39884	K99210	002031	471	AIR-NON A/P	\$ 241.29	G5800	24.350%	\$ 58.75	6.680%	\$ 16.12	\$ 58.75
24762	NY 3/4/09 LIPA/Uniondale Synchronize Goals/Obj.	2009	425.37	39876	39876	K99210	002031	471	AIR-NON A/P	\$ 363.37	G5800	24.350%	\$ 88.48	6.680%	\$ 24.27	\$ 88.48
24762	Trip 2/27/09 CustSatExecCmte & Retail Svcs - LIP	2009	425.37	39871	39871	K99210	002031	471	AIR-NON A/P	\$ 363.37	G5800	24.350%	\$ 88.48	6.680%	\$ 24.27	\$ 88.48
24762	Trip 2/19/09 Univ of Buffalo Tour & Other Mtgs	2009	333.04	39863	39863	K99210	002031	471	AIR-NON A/P	\$ 239.20	G5800	24.350%	\$ 58.25	6.680%	\$ 15.98	\$ 58.25
24762	Trip 2/11-12/09 Various Mtgs at Hix & Melville	2009	642.68	39855	39856	K99210	002031	471	AIR-NON A/P	\$ 363.37	G5800	24.350%	\$ 88.48	6.680%	\$ 24.27	\$ 88.48
24762	Participate in Town Hall Mtgs @ 2 Melville Offices	2009	746.94	39898	39899	K99210	002031	471	AIR-NON A/P	\$ 401.37	G5800	23.930%	\$ 96.05	6.740%	\$ 27.05	\$ 96.05
24762	C&M Strategic Alignment Session	2009	425.37	39906	39906	K99210	002031	471	AIR-NON A/P	\$ 401.37	G5800	23.930%	\$ 96.05	6.740%	\$ 27.05	\$ 96.05
24762	To MetroTech Office/Steve Holiday Mtg/C&M Tower	2009	724.6	39903	39904	K99210	002031	471	AIR-NON A/P	\$ 401.37	G5800	23.930%	\$ 96.05	6.740%	\$ 27.05	\$ 96.05
24762	LIPA Meetings	2009	418.79	39937	39937	K99210	002031	471	AIR-NON A/P	\$ 394.79	G5800	23.930%	\$ 94.47	6.740%	\$ 26.61	\$ 94.47
24762	Trip to Staten Island for a conference	2009	222.2	39931	39931	K99210	002031	471	AIR-NON A/P	\$ 198.20	G5800	23.930%	\$ 47.43	6.740%	\$ 13.36	\$ 47.43
24762	Mike Calviou Visit	2009	425.37	39932	39932	K99210	002031	471	AIR-NON A/P	\$ 401.37	G5800	23.930%	\$ 96.05	6.740%	\$ 27.05	\$ 96.05
24762	Travel to NY for LIPA Meetings	2009	425.37	39927	39927	K99210	002031	471	AIR-NON A/P	\$ 401.37	G5800	23.930%	\$ 96.05	6.740%	\$ 27.05	\$ 96.05
24762	Trip to MetroTech, NY	2009	418.77	39952	39952	K99210	002031	471	AIR-NON A/P	\$ 394.77	G5800	23.930%	\$ 94.47	6.740%	\$ 26.61	\$ 94.47
24762	Trip to Hicksville, NY	2009	418.77	39951	39951	K99210	002031	471	AIR-NON A/P	\$ 394.77	G5800	23.930%	\$ 94.47	6.740%	\$ 26.61	\$ 94.47
24762	Trip to NY - Hicksville Office	2009	435.81	39944	39944	K99210	002031	471	AIR-NON A/P	\$ 411.81	G5800	23.930%	\$ 98.55	6.740%	\$ 27.76	\$ 98.55
24762	Trip to Uniondale	2009	418.77	39959	39959	K99210	002031	471	AIR-NON A/P	\$ 394.77	G5800	23.930%	\$ 94.47	6.740%	\$ 26.61	\$ 94.47
24762	Trip to Hicksville, NY	2009	775.63	39946	39947	K99210	002031	471	AIR-NON A/P	\$ 479.86	G5800	23.930%	\$ 114.83	6.740%	\$ 32.34	\$ 114.83
24762	Trip to Uniondale - LIPA	2009	694.31	39961	39962	K99210	002031	471	AIR-NON A/P	\$ 394.77	G5800	23.930%	\$ 94.47	6.740%	\$ 26.61	\$ 94.47
24762	Trip to MetroTech	2009	379.99	39954	39954	K99210	002031	471	AIR-NON A/P	\$ 355.99	G5800	23.930%	\$ 85.19	6.740%	\$ 23.99	\$ 85.19
24762	Trip to NY - Uniondale	2009	626.95	39967	39968	K99210	002031	471	AIR-NON A/P	\$ 394.77	G5800	23.930%	\$ 94.47	6.740%	\$ 26.61	\$ 94.47
24762	Trip to Hicksville and Uniondale	2009	418.77	39965	39965	K99210	002031	471	AIR-NON A/P	\$ 394.77	G5800	23.930%	\$ 94.47	6.740%	\$ 26.61	\$ 94.47
24762	Trip to Hicksville 6/19	2009	575.29	39983	39983	K99210	002031	471	AIR-NON A/P	\$ 404.96	G5800	23.930%	\$ 96.91	6.740%	\$ 27.29	\$ 96.91
24762	Hicksville Trip for 2 Mtgs.	2009	628.76	39982	39982	K99210	002031	471	AIR-NON A/P	\$ 404.96	G5800	23.930%	\$ 96.91	6.740%	\$ 27.29	\$ 96.91
24762	Trip to Uniondale, NY 6/9/09	2009	418.77	39973	39973	K99210	002031	471	AIR-NON A/P	\$ 394.77	G5800	23.930%	\$ 94.47	6.740%	\$ 26.61	\$ 94.47
24762	Uniondale, NY	2009	418.77	39969	39969	K99210	002031	471	AIR-NON A/P	\$ 394.77	G5800	23.930%	\$ 94.47	6.740%	\$ 26.61	\$ 94.47
24762	Uniondale, NY	2009	805.88	39974	39975	K99210	002031	471	AIR-NON A/P	\$ 394.77	G5800	23.930%	\$ 94.47	6.740%	\$ 26.61	\$ 94.47
24762	Travel to Brooklyn - 2 Days	2009	859.99	40000	40001	K99210	002031	471	AIR-NON A/P	\$ 404.96	G5800	23.930%	\$ 96.91	6.740%	\$ 27.29	\$ 96.91
24762	Travel to New York	2009	466.96	39990	39990	K99210	002031	471	AIR-NON A/P	\$ 442.96	G5800	23.930%	\$ 106.00	6.740%	\$ 29.86	\$ 106.00
24762	To Attend LIPA Meetings	2009	946.65	39993	39995	K99210	002031	471	AIR-NON A/P	\$ 404.96	G5800	23.930%	\$ 96.91	6.740%	\$ 27.29	\$ 96.91
24762	Trip to MTC/Brooklyn	2009	655.61	40009	40010	K99210	002031	471	AIR-NON A/P	\$ 317.20	G5800	23.930%	\$ 75.91	6.740%	\$ 21.38	\$ 75.91
24762	Travel to Buffalo, NY	2009	623.1	40010	40011	K99210	002031	471	AIR-NON A/P	\$ 327.20	G5800	23.930%	\$ 78.30	6.740%	\$ 22.05	\$ 78.30
24762	Travel to MetroTech Office	2009	379.2	40021	40021	K99210	002031	471	AIR-NON A/P	\$ 355.20	G5800	23.930%	\$ 85.00	6.740%	\$ 23.94	\$ 85.00
24762	Travel to Hicksville, NY	2009	615.58	40015	40016	K99210	002031	471	AIR-NON A/P	\$ 317.20	G5800	23.930%	\$ 75.91	6.740%	\$ 21.38	\$ 75.91
24762	Trip to MetroTech & Uniondale	2009	381.2	40037	40037	K99210	002031	471	AIR-NON A/P	\$ 357.20	G5800	23.930%	\$ 85.48	6.740%	\$ 24.08	\$ 85.48
24762	MetroTech Trip	2009	410.9	40046	40046	K99210	002031	471	AIR-NON A/P	\$ 357.20	G5800	23.930%	\$ 85.48	6.740%	\$ 24.08	\$ 85.48
24762	Travel to MetroTech	2009	381.2	40052	40052	K99210	002031	471	AIR-NON A/P	\$ 357.20	G5800	23.930%	\$ 85.48	6.740%	\$ 24.08	\$ 85.48

Massachusetts Information Request AG-32-22 - Transportation Air
Allocation to Niagara Mohawk Power Corporation

Employee Id	Expense Purpose	Cal Yr	Total Voucher Amount	Trip Start Date	Trip End Date	Project	Activity	Cost Type	Cost Description	Work Order Amount	Allocation Code	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
89853	RM Trip NE	2008	994.32	39532	39533	NAU120	003952	471	AIR-NON A/P	\$ 400.85	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	RM Trip NE	2008	644.45	39490	39490	NAU120	003952	471	AIR-NON A/P	\$ 400.85	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	RM trip NE	2008	825.82	39477	39478	NAU120	003952	471	AIR-NON A/P	\$ 400.85	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Contractor Meetings NE	2008	632.85	39570	39570	NAU120	003952	471	AIR-NON A/P	\$ 400.85	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	RM Trip NE	2008	525.85	39549	39549	NAU120	003952	471	AIR-NON A/P	\$ 400.85	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	RM Trip NE	2008	537.85	39546	39546	NAU120	003952	471	AIR-NON A/P	\$ 400.85	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	RM trip NE	2008	620.85	39540	39540	NAU120	003952	471	AIR-NON A/P	\$ 400.85	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Tri-pod/GDX/UK Meeting	2008	947.87	39552	39554	NAU120	003952	471	AIR-NON A/P	\$ 400.85	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	RM Trip NE	2008	431.17	39603	39603	NAU120	003952	471	AIR-NON A/P	\$ 401.17	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	RM Trip UK	2008	4141.16	39615	39617	NAU120	003952	471	AIR-NON A/P	\$ 2,585.90	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Contract Management Trip NE	2008	560.24	39612	39612	NAU120	003952	471	AIR-NON A/P	\$ 401.17	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	RM Training Braintree	2008	434.67	39589	39589	NAU120	003952	471	AIR-NON A/P	\$ 401.17	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Investment Planning Trip NE	2008	578.92	39574	39575	NAU120	003952	471	AIR-NON A/P	\$ 401.17	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Investment Planning Trip NE	2008	740.92	39598	39598	NAU120	003952	471	AIR-NON A/P	\$ 401.17	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	SRP Meeting NE	2008	789.44	39595	39596	NAU120	003952	471	AIR-NON A/P	\$ 401.17	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Investment Planning Staff Meeting	2008	544.17	39643	39643	NAU120	003952	471	AIR-NON A/P	\$ 401.17	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Investment Planning meeting	2008	656.2	39645	39646	NAU120	003952	471	AIR-NON A/P	\$ 439.17	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Contract Strategy Meeting	2008	891.24	39651	39652	NAU120	003952	471	AIR-NON A/P	\$ 401.17	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	GAM Conference	2008	3114.63	39636	39640	NAU120	003952	471	AIR-NON A/P	\$ 2,491.30	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Network Strategy Roadshow	2008	1078.63	39604	39605	NAU120	003952	471	AIR-NON A/P	\$ 824.50	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Contractor Meetings NE	2008	631	39661	39661	NAU120	003952	471	AIR-NON A/P	\$ 417.00	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	PAS 55 Meetings Syracuse	2008	546.37	39657	39658	NAU120	003952	471	AIR-NON A/P	\$ 417.00	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Manager Interviews Construction NE	2008	642.56	39710	39710	NAU120	003952	471	AIR-NON A/P	\$ 401.17	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Contractor Meeting Syracuse	2008	458.71	39701	39701	NAU120	003952	471	AIR-NON A/P	\$ 387.00	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Investment Planning Staff Meeting NE	2008	431.17	39706	39706	NAU120	003952	471	AIR-NON A/P	\$ 401.17	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Contractor Meetings NE	2008	431.17	39696	39696	NAU120	003952	471	AIR-NON A/P	\$ 401.17	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	New Service Meeting NE	2008	633.17	39743	39743	NAU120	003952	471	AIR-NON A/P	\$ 401.17	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Work Out Session UK Work Delivery	2009	3829.2	39769	39773	NAU120	003952	471	AIR-NON A/P	\$ 2,233.20	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	X-LOB work out session AM Boston	2009	1043.22	39783	39786	NAU120	003952	471	AIR-NON A/P	\$ 401.17	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Contractor Negotiations NE	2009	642.17	39794	39794	NAU120	003952	471	AIR-NON A/P	\$ 401.17	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Robert Mango's Recruiting Trip	2009	475.7	39868	39868	NAU120	003952	471	AIR-NON A/P	\$ 475.70	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Trip Syracuse	2009	407.2	39842	39842	NAU120	003952	471	AIR-NON A/P	\$ 377.20	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	GDX Meeting Waltham	2009	651.37	39867	39868	NAU120	003952	471	AIR-NON A/P	\$ 401.37	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Trip Waltham	2009	621.38	39899	39899	NAU120	003952	471	AIR-NON A/P	\$ 401.37	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Trip Syracuse	2009	251.8	39895	39895	NAU120	003952	471	AIR-NON A/P	\$ 157.20	G0900	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Meetings Syracuse & Waltham	2009	557.1	39994	39995	K03466	002004	471	AIR-NON A/P	\$ 277.20	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Global Asset management Meetings	2009	2770.75	40007	40010	K03466	002004	471	AIR-NON A/P	\$ 2,141.30	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Meetings Waltham	2009	540.2	40014	40014	K03466	002004	471	AIR-NON A/P	\$ 317.20	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Meetings Waltham	2009	540.2	40002	40002	K03466	002004	471	AIR-NON A/P	\$ 317.20	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Meetings Waltham	2009	618.2	40023	40023	K03466	002004	471	AIR-NON A/P	\$ 357.20	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Trip Waltham	2009	589.58	40030	40030	K03466	002004	471	AIR-NON A/P	\$ 357.20	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Meetings Waltham	2009	584.54	40050	40050	K03466	002004	471	AIR-NON A/P	\$ 357.20	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Meetings Syracuse	2009	289.54	40056	40056	K03466	002004	471	AIR-NON A/P	\$ 187.20	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Developing Future Leaders training	2009	4023.92	40069	40074	K03466	002004	471	AIR-NON A/P	\$ 2,375.80	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Power Advocate Conference	2009	482.54	40066	40066	K03466	002004	471	AIR-NON A/P	\$ 377.20	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Meetings Waltham	2009	604.54	40078	40078	K03466	002004	471	AIR-NON A/P	\$ 377.20	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Meetings Waltham	2009	523.71	40105	40105	K03466	002004	471	AIR-NON A/P	\$ 387.20	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	UK Procurement Conference	2009	2632.38	40098	40101	K03466	002004	471	AIR-NON A/P	\$ 2,398.10	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Meetings Waltham	2009	424.54	40091	40091	K03466	002004	471	AIR-NON A/P	\$ 387.20	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Meetings Waltham	2009	597.32	40086	40086	K03466	002004	471	AIR-NON A/P	\$ 349.20	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
89853	Procurement Meetings Syracuse	2009	409.8	40081	40081	K03466	002004	471	AIR-NON A/P	\$ 247.30	G0200	0.000%	\$ -	0.000%	\$ -	\$ -
										\$ 1,285,021.05			\$ 119,410.80		\$ 40,656.93	\$ 56,267.52

Massachusetts Information Request AG-32-42 - Hotel

Calendar Yr

Calendar Yr	Exp Empl Id	Exp Type	Exp Type Descr	Regulatory Acct	Regulatory Acct Descr	Billing Pool	Expense \$	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
2009	100054831	HOTEL	Renaissance Hotel	928000	Regulatory Comm Expenses	00239	\$ 123.17	27.306%	\$ 33.63	4.594%	\$ 5.66	\$ 33.63
2009	100054831	HOTEL	Lodging while at EEI Rate School	928000	Regulatory Comm Expenses	00239	\$ 930.95	27.306%	\$ 254.21	4.594%	\$ 42.77	\$ 254.21
2009	100054831	HOTEL	Trip to UK for U.S. Strategy presentation to the Exec Committee	928000	Regulatory Comm Expenses	00239	\$ 528.91	27.305%	\$ 144.42	4.594%	\$ 24.30	\$ -
2009	100054831	HOTEL	Trip to make Exec Committee presentation	928000	Regulatory Comm Expenses	00239	\$ 802.22	27.305%	\$ 219.05	4.594%	\$ 36.85	\$ -
2009	100054831	HOTEL	Hotel stay in UK for Exec Committee Mtg	928000	Regulatory Comm Expenses	00239	\$ 597.94	27.305%	\$ 163.27	4.594%	\$ 27.47	\$ -
							\$ 490,362.76		\$ 153,478.00		\$ 29,533.26	\$ 66,652.89

Massachusetts Information Request AG-32-43 - Airfare
Allocation to Niagara Mohawk Power Corporation

Calendar Yr	Exp Empl Id	Exp Type	Exp Type Descr	Regulatory Acct	Regulatory Acct Descr	Billing Pool	Expense \$	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
2008	100048185	AIRFARE	Airfare to Brooklyn, NY for business meeting on 3/18/08	921000	A&G-Office Supplies	00231	\$ 362.85	50.876%	\$ 184.60	0.000%	\$ -	\$ -
			Airfare for trip to MetroTech for FMT Meeting with Steve									
2008	100048185	AIRFARE	Lucas on 2/26-2/27/08	921000	A&G-Office Supplies	00231	\$ 362.85	50.876%	\$ 184.60	0.000%	\$ -	\$ -
2008	100048185	AIRFARE	Return from NY business trip via US Airways	921000	A&G-Office Supplies	00231	\$ 181.43	50.876%	\$ 92.30	0.000%	\$ -	\$ -
2008	100048185	AIRFARE	Final flight back to UK at expiration of work contract	921000	A&G-Office Supplies	00231	\$ 5,357.40	52.101%	\$ 2,791.26	0.000%	\$ -	\$ -
2009	100048687	AIRFARE	British Airway Flights for trip to UK (4/20 - 4/24/09)	921000	A&G-Office Supplies	00236	\$ 2,535.90	44.212%	\$ 1,121.17	9.055%	\$ 229.63	\$ 1,121.17
2009	100048687	AIRFARE	Cost of Airfare to attend AGA Seminar in June	921000	A&G-Office Supplies	00236	\$ 294.20	44.212%	\$ 130.07	9.055%	\$ 26.64	\$ 130.07
2009	100048687	AIRFARE	Airfare for 8/30 - 9/10 trip to UK	921000	A&G-Office Supplies	00236	\$ 1,823.00	44.212%	\$ 805.98	9.055%	\$ 165.07	\$ 805.98
2009	100048687	AIRFARE	Airfare from Logan to London	921000	A&G-Office Supplies	00236	\$ 2,152.70	44.210%	\$ 951.71	9.055%	\$ 194.93	\$ -
2009	100048687	AIRFARE	Airfare for trip to UK 1/4/10 - 1/7/10	921000	A&G-Office Supplies	00236	\$ 2,461.70	44.210%	\$ 1,088.32	9.055%	\$ 222.91	\$ -
2009	100049837	AIRFARE	US Airways r/t from Logan to Laguardia	921000	A&G-Office Supplies	00380	\$ 865.66	44.016%	\$ 381.03	9.015%	\$ 78.04	\$ 381.03
2009	100049837	AIRFARE	US Airways, Logan to Laguardia, NY	921000	A&G-Office Supplies	00380	\$ 363.37	43.763%	\$ 159.02	8.963%	\$ 32.57	\$ 159.02
			R/T Airfare Boston Logan to Stockholm, Sweden - booked									
2009	100049837	AIRFARE	thru Travel Leaders, British Airways	921000	A&G-Office Supplies	00380	\$ 7,412.70	43.763%	\$ 3,244.02	8.963%	\$ 664.40	\$ 3,244.02
2008	100050973	AIRFARE	R/T Boston-Laguardia	921000	A&G-Office Supplies	00203	\$ 400.85	41.563%	\$ 166.61	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	r/t Boston-London Heathrow	921000	A&G-Office Supplies	00203	\$ 8,801.81	41.563%	\$ 3,658.30	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	r/t Boston-London Heathrow (UK mtgs)	921000	A&G-Office Supplies	00203	\$ 9,844.42	41.563%	\$ 4,091.64	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	r/t Boston-LGA - mtgs in Hx	921000	A&G-Office Supplies	00203	\$ 400.85	41.563%	\$ 166.61	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	r/t Boston-LGA (Hx mtgs)	921000	A&G-Office Supplies	00203	\$ 400.85	41.563%	\$ 166.61	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	r/t Boston-LGA (3/11/08) mtgs in NY	921000	A&G-Office Supplies	00203	\$ 362.85	41.563%	\$ 150.81	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	r/t Boston-London Heathrow (Global Transformation mtg)	921000	A&G-Office Supplies	00203	\$ 7,607.43	41.563%	\$ 3,161.88	0.000%	\$ -	\$ -
			r/t Boston - London Heathrow (Global Transformation									
2008	100050973	AIRFARE	mtg)	921000	A&G-Office Supplies	00203	\$ 9,836.00	41.563%	\$ 4,088.14	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	r/t Boston-LGA (Hx mtgs)	921000	A&G-Office Supplies	00203	\$ 400.85	41.563%	\$ 166.61	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	r/t Boston-Wash DC (Sir John Parker event)	921000	A&G-Office Supplies	00203	\$ 693.00	43.767%	\$ 303.31	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	r/t Boston-London (Leadership Offsite)	921000	A&G-Office Supplies	00203	\$ 10,916.15	43.767%	\$ 4,777.67	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	r/t Boston-LGA (mtgs in Hx)	921000	A&G-Office Supplies	00203	\$ 400.85	43.767%	\$ 175.44	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	r/t Boston-LGA (LIPA mtgs)	921000	A&G-Office Supplies	00203	\$ 401.17	43.767%	\$ 175.58	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	Syracuse Roadshow (o/w Syr-Boston)	921000	A&G-Office Supplies	00201	\$ 337.50	0.000%	\$ -	0.000%	\$ -	\$ -
			Roadshows & UK (Boston-LGA-Buffalo-Boston-London-									
2008	100050973	AIRFARE	Boston)	921000	A&G-Office Supplies	00201	\$ 8,867.40	0.000%	\$ -	0.000%	\$ -	\$ -
			Roadshows & UK (Boston-LGA-Buffalo-Boston-London-									
2008	100050973	AIRFARE	Boston)	588000	Dist Oper-Misc Expenses	00203	\$ 408.59	43.767%	\$ 178.83	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	L.I. Generating Plant site visits - r/t Boston-LGA	921000	A&G-Office Supplies	00201	\$ 401.17	0.000%	\$ -	0.000%	\$ -	\$ -
			Global Transformation Board - r/t Boston-London									
2008	100050973	AIRFARE	Heathrow	921000	A&G-Office Supplies	00201	\$ 11,537.20	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	Global Transformation Board -r/t Boston-London	921000	A&G-Office Supplies	00201	\$ 10,954.30	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	r/t Boston-Syracuse (Roadshow)	588000	Dist Oper-Misc Expenses	00203	\$ 507.50	43.767%	\$ 222.12	0.000%	\$ -	\$ -
			r/t Boston-London (Global Transformation Board on July									
2008	100050973	AIRFARE	30)	921000	A&G-Office Supplies	00201	\$ 7,243.90	0.000%	\$ -	0.000%	\$ -	\$ -
			r/t Boston-London (Global Transformation Board - and									
2008	100050973	AIRFARE	home visit) Aug 6-10, 2008	921000	A&G-Office Supplies	00201	\$ 5,572.40	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	r/t Boston - LGA (mtgs on LI)	921000	A&G-Office Supplies	00201	\$ 401.17	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	r/t Boston - LGA (mtgs on LI)	921000	A&G-Office Supplies	00201	\$ 401.17	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	r/t Boston-LGA (for July 23) LI mtgs	921000	A&G-Office Supplies	00201	\$ 401.17	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	Tzell Travel - fee	921000	A&G-Office Supplies	00201	\$ 38.00	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100050973	AIRFARE	r/t Boston-LGA	921000	A&G-Office Supplies	00201	\$ 363.17	0.000%	\$ -	0.000%	\$ -	\$ -
			r/t Boston-London Heathrow -- Global Transformation Bd									
2008	100050973	AIRFARE	Mtgs in Warwick UK	921000	A&G-Office Supplies	00201	\$ 9,957.90	0.000%	\$ -	0.000%	\$ -	\$ -

Massachusetts Information Request AG-32-43 - Airfare
Allocation to Niagara Mohawk Power Corporation

Calendar Yr	Exp Empl Id	Exp Type	Exp Type Descr	Regulatory Acct	Regulatory Acct Descr	Billing Pool	Expense \$	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
2009	100051366	AIRFARE	Airfare to Boston on Continental - meetings in Waltham	921000	A&G-Office Supplies	00203	\$ 94.66	44.671%	\$ 42.29	0.000%	\$ -	\$ 42.29
2009	100051366	AIRFARE	Airfare to Boston on Continental - meetings in Waltham	921000	A&G-Office Supplies	00200	\$ 94.65	0.000%	\$ -	13.066%	\$ 12.37	\$ -
2009	100051366	AIRFARE	Airfare from Boston to LGA on US Air - meetings in Waltham	921000	A&G-Office Supplies	00203	\$ 53.19	44.671%	\$ 23.76	0.000%	\$ -	\$ 23.76
2009	100051366	AIRFARE	Airfare from Boston to LGA on US Air - meetings in Waltham	921000	A&G-Office Supplies	00200	\$ 53.20	0.000%	\$ -	13.066%	\$ 6.95	\$ -
2009	100051366	AIRFARE	Newark to Boston - meetings in Reservoir Woods	921000	A&G-Office Supplies	00203	\$ 200.40	44.671%	\$ 89.52	0.000%	\$ -	\$ 89.52
2009	100051366	AIRFARE	Newark to Boston - meetings in Reservoir Woods	921000	A&G-Office Supplies	00200	\$ 200.39	0.000%	\$ -	13.066%	\$ 26.18	\$ -
2009	100051366	AIRFARE	Newark to Boston - meetings in Res Woods	921000	A&G-Office Supplies	00203	\$ 200.40	44.671%	\$ 89.52	0.000%	\$ -	\$ -
2009	100051366	AIRFARE	Newark to Boston - meetings in Res Woods	921000	A&G-Office Supplies	00200	\$ 200.39	0.000%	\$ -	13.066%	\$ 26.18	\$ -
2009	100051366	AIRFARE	Newark to Boston - meetings in Res Woods	921000	A&G-Office Supplies	00203	\$ 200.40	44.671%	\$ 89.52	0.000%	\$ -	\$ -
2009	100051366	AIRFARE	Newark to Boston - meetings in Res Woods	921000	A&G-Office Supplies	00200	\$ 200.39	0.000%	\$ -	13.066%	\$ 26.18	\$ -
2009	100051366	AIRFARE	Airfare to Washington, DC - EE Awards Dinner	921000	A&G-Office Supplies	00203	\$ 192.19	44.671%	\$ 85.85	0.000%	\$ -	\$ -
2009	100051366	AIRFARE	Airfare to Washington, DC - EE Awards Dinner	921000	A&G-Office Supplies	00200	\$ 192.18	0.000%	\$ -	13.066%	\$ 25.11	\$ -
2009	100051366	AIRFARE	Airfare to Denver, CO - Autovation Conference in Denver, CO	921000	A&G-Office Supplies	00203	\$ 156.66	44.671%	\$ 69.98	0.000%	\$ -	\$ -
2009	100051366	AIRFARE	Airfare to Denver, CO - Autovation Conference in Denver, CO	921000	A&G-Office Supplies	00200	\$ 156.66	0.000%	\$ -	13.066%	\$ 20.47	\$ -
2009	100051366	AIRFARE	Airfare to California - meetings with utilities	921000	A&G-Office Supplies	00203	\$ 526.58	44.671%	\$ 235.23	0.000%	\$ -	\$ -
2009	100051366	AIRFARE	Airfare to California - meetings with utilities	921000	A&G-Office Supplies	00200	\$ 526.57	0.000%	\$ -	13.066%	\$ 68.80	\$ -
2009	100051366	AIRFARE	Airfare to Boston - Meetings in Res Woods	921000	A&G-Office Supplies	00203	\$ 213.06	44.671%	\$ 95.18	0.000%	\$ -	\$ -
2009	100051366	AIRFARE	Airfare to Boston - Meetings in Res Woods	921000	A&G-Office Supplies	00200	\$ 213.06	0.000%	\$ -	13.066%	\$ 27.84	\$ -
2009	100051366	AIRFARE	Airfare to Boston - meetings in Res Woods	921000	A&G-Office Supplies	00203	\$ 229.23	44.671%	\$ 102.40	0.000%	\$ -	\$ -
2009	100051366	AIRFARE	Airfare to Boston - meetings in Res Woods	921000	A&G-Office Supplies	00200	\$ 229.22	0.000%	\$ -	13.066%	\$ 29.95	\$ -
2009	100051366	AIRFARE	Airfare Santa Ana, CA to San Francisco, CA - meeting with PG&E	921000	A&G-Office Supplies	00203	\$ 23.20	44.671%	\$ 10.36	0.000%	\$ -	\$ -
2009	100051366	AIRFARE	Airfare Santa Ana, CA to San Francisco, CA - meeting with PG&E	921000	A&G-Office Supplies	00200	\$ 23.20	0.000%	\$ -	13.066%	\$ 3.03	\$ -
2009	100051366	AIRFARE	Continental Airlines one way airfare - Newark to Tokyo	921000	A&G-Office Supplies	00203	\$ 2,197.48	44.671%	\$ 981.64	0.000%	\$ -	\$ -
2009	100051366	AIRFARE	Continental Airlines one way airfare - Newark to Tokyo	921000	A&G-Office Supplies	00200	\$ 2,197.48	0.000%	\$ -	13.066%	\$ 287.12	\$ -
2009	100051366	AIRFARE	Airfare - Tokyo to Osaka	921000	A&G-Office Supplies	00203	\$ 84.02	44.671%	\$ 37.53	0.000%	\$ -	\$ -
2009	100051366	AIRFARE	Airfare - Tokyo to Osaka	921000	A&G-Office Supplies	00200	\$ 84.03	0.000%	\$ -	13.066%	\$ 10.98	\$ -
2009	100051366	AIRFARE	Airfare - Tokyo to JFK Airport	921000	A&G-Office Supplies	00203	\$ 2,601.61	44.671%	\$ 1,162.17	0.000%	\$ -	\$ -
2009	100051366	AIRFARE	Airfare - Tokyo to JFK Airport	921000	A&G-Office Supplies	00200	\$ 2,601.60	0.000%	\$ -	13.066%	\$ 339.93	\$ -
2009	100051366	AIRFARE	Airfare - Osaka to Tokyo	921000	A&G-Office Supplies	00203	\$ 83.66	44.671%	\$ 37.37	0.000%	\$ -	\$ -
2009	100051366	AIRFARE	Airfare - Osaka to Tokyo	921000	A&G-Office Supplies	00200	\$ 83.66	0.000%	\$ -	13.066%	\$ 10.93	\$ -
2009	100051366	AIRFARE	Travel to Waltham - meetings in Reservoir Woods	921000	A&G-Office Supplies	00203	\$ 246.31	44.671%	\$ 110.03	0.000%	\$ -	\$ -
2009	100051366	AIRFARE	Travel to Waltham - meetings in Reservoir Woods	921000	A&G-Office Supplies	00200	\$ 246.31	0.000%	\$ -	13.066%	\$ 32.18	\$ -
2009	100051366	AIRFARE	airfare to Boston - meetings in Reservoir Woods	921000	A&G-Office Supplies	00203	\$ 246.31	44.671%	\$ 110.03	0.000%	\$ -	\$ -
2009	100051366	AIRFARE	airfare to Boston - meetings in Reservoir Woods	921000	A&G-Office Supplies	00200	\$ 246.31	0.000%	\$ -	13.066%	\$ 32.18	\$ -
2008	100051448	AIRFARE	Tzell Fee	921000	A&G-Office Supplies	00282	\$ 38.00	32.064%	\$ 12.18	6.567%	\$ 2.50	\$ -
2008	100051448	AIRFARE	Tzell Agent Fee	921000	A&G-Office Supplies	00282	\$ 38.00	32.064%	\$ 12.18	6.567%	\$ 2.50	\$ -
2008	100051448	AIRFARE	Tzell Agent Fee	921000	A&G-Office Supplies	00282	\$ 38.00	32.064%	\$ 12.18	6.567%	\$ 2.50	\$ -
2008	100051448	AIRFARE	Boston LGA Boston	921000	A&G-Office Supplies	00282	\$ 362.65	32.064%	\$ 116.28	6.567%	\$ 23.82	\$ -
2008	100051448	AIRFARE	Boston LGA Boston	921000	A&G-Office Supplies	00282	\$ 362.65	32.064%	\$ 116.28	6.567%	\$ 23.82	\$ -
2008	100051448	AIRFARE	Boston, Charlston, Phoenix, Boston -- EEI CEO Mtg	921000	A&G-Office Supplies	00282	\$ 503.70	32.064%	\$ 161.51	6.567%	\$ 33.08	\$ -
2008	100051448	AIRFARE	Boston London Boston	921000	A&G-Office Supplies	00282	\$ 8,852.72	32.064%	\$ 2,838.54	6.567%	\$ 581.36	\$ -
2008	100051448	AIRFARE	This was because the ticket was billed as 666 and 315 was paid last month.	921000	A&G-Office Supplies	00282	\$ 351.00	32.064%	\$ 112.54	6.844%	\$ 24.02	\$ -

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Calendar	Yr	Exp Empl Id	Exp Type	Exp Type Descr	Regulatory	Regulatory Acct Descr	Billing	Expense \$	NIMO	NIMO Electric	NIMO	NIMO Gas	NIMO Electric
					Acct		Pool		Electric	Allocated \$	Gas %	Allocated \$	Included in
									%				HTY
2009	100711508	AIRFARE	r4 Boston-London		921000	A&G-Office Supplies	00201	\$ 3,627.95	40.682%	\$ 1,475.92	0.000%	\$ -	\$ -
								\$ 1,277,875.47		\$ 398,848.60		\$ 65,598.02	\$ 161,301.95

Massachusetts Information Request AG-32-44 - Other
Allocation to Niagara Mohawk Power Corporation

Calendar Yr	Exp Empl Id	Exp Type	Exp Type Descr	Regulatory Acct	Regulatory Acct Descr	Billing Pool	Expense \$	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
2008	100010804	OTHER	Hotel taxes - Crowne Plaza Southbury	921000	A&G-Office Supplies	00354	\$ 18.60	30.558%	\$ 5.68	6.259%	\$ 1.16	\$ 5.68
2008	100010804	OTHER	Hotel snack	921000	A&G-Office Supplies	00354	\$ 2.50	30.558%	\$ 0.76	6.259%	\$ 0.16	\$ 0.76
2008	100010804	OTHER	Ground transport - Limo 18 - LaGuardia airport to Hicksville office	921000	A&G-Office Supplies	00354	\$ 178.15	30.558%	\$ 54.44	6.259%	\$ 11.15	\$ 54.44
2008	100010804	OTHER	Ground transport - Limo 18 - Brooklyn office to LaGuardia Airport	921000	A&G-Office Supplies	00354	\$ 172.15	30.558%	\$ 52.61	6.259%	\$ 10.77	\$ 52.61
2008	100010804	OTHER	American Gas Association Safety Leadership Summit registration fee - November 18, Orlando, Florida	921000	A&G-Office Supplies	00354	\$ 625.00	30.558%	\$ 190.99	6.259%	\$ 39.12	\$ 190.99
2008	100010804	OTHER	Limo 18 Metrotech to LaGuardia	921000	A&G-Office Supplies	00354	\$ 168.40	30.558%	\$ 51.46	6.259%	\$ 10.54	\$ 51.46
2008	100010804	OTHER	Limo 18 LaGuardia to Brooklyn Marriott hotel - Safety Leadership Workshop, Brooklyn	921000	A&G-Office Supplies	00354	\$ 174.40	30.558%	\$ 53.29	6.259%	\$ 10.92	\$ 53.29
2008	100010804	OTHER	Hotel taxes	921000	A&G-Office Supplies	00354	\$ 58.20	30.558%	\$ 17.78	6.259%	\$ 3.64	\$ 17.78
2008	100010804	OTHER	Travel agent fee to book Brooklyn Marriott - December 15 (Cancelled reservation)	921000	A&G-Office Supplies	00354	\$ 15.00	30.558%	\$ 4.58	6.259%	\$ 0.94	\$ 4.58
2008	100010804	OTHER	Travel agent fees to book shuttle flights for December 15 and to make a change to flight and to cancel flights (after hours - Sunday cancellation)	921000	A&G-Office Supplies	00354	\$ 91.00	30.558%	\$ 27.81	6.259%	\$ 5.70	\$ 27.81
2008	100010804	OTHER	Travel Agent fee - Jet Blue Orlando to Boston	921000	A&G-Office Supplies	00354	\$ 38.00	30.558%	\$ 11.61	6.259%	\$ 2.38	\$ 11.61
2008	100010804	OTHER	Limo 18 ground transport - Logan Airport to home	921000	A&G-Office Supplies	00354	\$ 130.40	30.558%	\$ 39.85	6.259%	\$ 8.16	\$ 39.85
2008	100010804	OTHER	Limo 18 ground transport - home to Logan Airport - Executive & Safety meetings, UK	921000	A&G-Office Supplies	00354	\$ 130.40	30.558%	\$ 39.85	6.259%	\$ 8.16	\$ 39.85
2008	100010804	OTHER	Limo 18 ground transport from Berystede Hotel to Club Quarters, UK	921000	A&G-Office Supplies	00354	\$ 185.12	30.558%	\$ 56.57	6.259%	\$ 11.59	\$ 56.57
2008	100010804	OTHER	Limo 18 Amtak Station, NY to hotel	921000	A&G-Office Supplies	00354	\$ 158.40	30.558%	\$ 48.40	6.259%	\$ 9.91	\$ 48.40
2008	100010804	OTHER	Hotel taxes - three nights	921000	A&G-Office Supplies	00354	\$ 115.27	30.558%	\$ 35.22	6.259%	\$ 7.21	\$ 35.22
2008	100010804	OTHER	Hotel Taxes	921000	A&G-Office Supplies	00354	\$ 38.57	30.558%	\$ 11.79	6.259%	\$ 2.41	\$ 11.79
2008	100010804	OTHER	Hotel Snack	921000	A&G-Office Supplies	00354	\$ 11.66	30.558%	\$ 3.56	6.259%	\$ 0.73	\$ 3.56
2008	100010804	OTHER	Hotel snack	921000	A&G-Office Supplies	00354	\$ 10.92	30.558%	\$ 3.34	6.259%	\$ 0.68	\$ 3.34
2008	100010804	OTHER	Breakfast for Northboro EOC	588000	Dist Oper-Misc Expenses	00232	\$ 14.97	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100010804	OTHER	Travel agent fee for hotel booking, Brooklyn Marriott for Adam Mallalieu (2/19)	921000	A&G-Office Supplies	00353	\$ 15.00	45.227%	\$ 6.78	9.263%	\$ 1.39	\$ -
2008	100010804	OTHER	Purchase of (10) \$100 American Express gift cards to use as thank you recognition for employees who responded to the fire at Port Jefferson Power Station, New York	921000	A&G-Office Supplies	00353	\$ 1,065.45	45.227%	\$ 481.87	9.263%	\$ 98.69	\$ -
2008	100010804	OTHER	Hotel taxes - Westin Waltham	921000	A&G-Office Supplies	00353	\$ 25.12	45.227%	\$ 11.36	9.263%	\$ 2.33	\$ -
2008	100010804	OTHER	Hotel taxes - Desmond	921000	A&G-Office Supplies	00353	\$ 19.46	45.227%	\$ 8.80	9.263%	\$ 1.80	\$ -
2008	100010804	OTHER	Limo 18 ground transport from Hicksville office to Brooklyn office	921000	A&G-Office Supplies	00353	\$ 158.40	45.227%	\$ 71.64	9.263%	\$ 14.67	\$ -
2008	100010804	OTHER	Limo 18 ground transport from Brooklyn office to Amtrak Penn Station	921000	A&G-Office Supplies	00353	\$ 167.40	45.227%	\$ 75.71	9.263%	\$ 15.51	\$ -
2008	100010804	OTHER	Limo 18 ground transport from Amtrak Penn Station to Hicksville office	921000	A&G-Office Supplies	00353	\$ 167.40	45.227%	\$ 75.71	9.263%	\$ 15.51	\$ -
2008	100010804	OTHER	Hotel snack	921000	A&G-Office Supplies	00353	\$ 3.50	45.227%	\$ 1.58	9.263%	\$ 0.32	\$ -
2008	100010804	OTHER	Ground transport - Limo 18 from Hicksville office to airport, LIPA meeting	921000	A&G-Office Supplies	00353	\$ 158.40	45.227%	\$ 71.64	9.263%	\$ 14.67	\$ -
2008	100010804	OTHER	Ground transport - Limo 18 from airport to Hicksville office - LIPA meeting	921000	A&G-Office Supplies	00353	\$ 164.40	45.227%	\$ 74.35	9.263%	\$ 15.23	\$ -
2008	100010804	OTHER	Ground transport - Limo 18 from airport to Hicksville office	921000	A&G-Office Supplies	00353	\$ 173.40	45.227%	\$ 78.42	9.263%	\$ 16.06	\$ -
2008	100010804	OTHER	Ground transport - Lim 18 from Metrotech to LaGuardia - Executive Committee meeting	921000	A&G-Office Supplies	00353	\$ 167.40	45.227%	\$ 75.71	9.263%	\$ 15.51	\$ -
2008	100010804	OTHER	Cab from hotel to train station - London	921000	A&G-Office Supplies	00353	\$ 50.00	45.227%	\$ 22.61	9.263%	\$ 4.63	\$ -
2008	100010804	OTHER	Travel Agent fee - 8908111340229	921000	A&G-Office Supplies	00353	\$ 38.00	45.227%	\$ 17.19	9.308%	\$ 3.54	\$ -
2008	100010804	OTHER	Travel Agent fee - 8908111018204	921000	A&G-Office Supplies	00353	\$ 38.00	45.227%	\$ 17.19	9.308%	\$ 3.54	\$ -

Massachusetts Information Request AG-32-44 - Other
Allocation to Niagara Mohawk Power Corporation

Calendar	Yr	Exp Empl Id	Exp Type	Exp Type Descr	Regulatory Acct	Regulatory Acct Descr	Billing Pool	Expense \$	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
	2009	100048687	OTHER	Tzell Service Fee	921000	A&G-Office Supplies	00236	\$ 15.00	44.553%	\$ 6.68	9.125%	\$ 1.37	\$ 6.68
	2009	100048687	OTHER	Tzell Service Fee	921000	A&G-Office Supplies	00236	\$ 15.00	44.553%	\$ 6.68	9.125%	\$ 1.37	\$ 6.68
	2009	100048687	OTHER	Tzell Service Charge	921000	A&G-Office Supplies	00236	\$ 15.00	44.553%	\$ 6.68	9.125%	\$ 1.37	\$ 6.68
	2009	100048687	OTHER	Acela from Providence to NYC	921000	A&G-Office Supplies	00236	\$ 104.00	44.553%	\$ 46.34	9.125%	\$ 9.49	\$ 46.34
	2009	100048687	OTHER	Acela from NYC to Providence	921000	A&G-Office Supplies	00236	\$ 133.00	44.553%	\$ 59.26	9.125%	\$ 12.14	\$ 59.26
	2009	100048687	OTHER	Tristar Car Service from Airport to Hotel	921000	A&G-Office Supplies	00236	\$ 263.72	44.212%	\$ 116.60	9.055%	\$ 23.88	\$ 116.60
	2009	100048687	OTHER	Travel Leaders Service Fee	921000	A&G-Office Supplies	00236	\$ 38.00	44.212%	\$ 16.80	9.055%	\$ 3.44	\$ 16.80
	2009	100048687	OTHER	Round trip car service to/from airport/home	921000	A&G-Office Supplies	00236	\$ 330.00	44.212%	\$ 145.90	9.055%	\$ 29.88	\$ 145.90
	2009	100048687	OTHER	Car Service from Office to Airport	921000	A&G-Office Supplies	00236	\$ 309.01	44.212%	\$ 136.62	9.055%	\$ 27.98	\$ 136.62
	2009	100048687	OTHER	Beverages	921000	A&G-Office Supplies	00236	\$ 2.28	44.212%	\$ 1.01	9.055%	\$ 0.21	\$ 1.01
	2009	100048687	OTHER	Travel Leaders Service Fee	921000	A&G-Office Supplies	00236	\$ 15.00	44.212%	\$ 6.63	9.055%	\$ 1.36	\$ 6.63
	2009	100048687	OTHER	Travel Leaders Fee	921000	A&G-Office Supplies	00236	\$ 38.00	44.212%	\$ 16.80	9.055%	\$ 3.44	\$ 16.80
	2009	100048687	OTHER	Travel Leader Service Fee	921000	A&G-Office Supplies	00236	\$ 15.00	44.212%	\$ 6.63	9.055%	\$ 1.36	\$ 6.63
	2009	100048687	OTHER	Port Jefferson Ferry	921000	A&G-Office Supplies	00236	\$ 51.00	44.212%	\$ 22.55	9.055%	\$ 4.62	\$ 22.55
	2009	100048687	OTHER	Airport Connection for AGA Seminar	921000	A&G-Office Supplies	00236	\$ 160.00	44.212%	\$ 70.74	9.055%	\$ 14.49	\$ 70.74
	2009	100048687	OTHER	Airport Connection for AGA Conference	921000	A&G-Office Supplies	00236	\$ 160.00	44.212%	\$ 70.74	9.055%	\$ 14.49	\$ 70.74
	2009	100048687	OTHER	Acela Fee for June 3 for I&D Training on June 4	921000	A&G-Office Supplies	00236	\$ 208.00	44.212%	\$ 91.96	9.055%	\$ 18.83	\$ 91.96
	2009	100048687	OTHER	Travel Leaders Service Fee	921000	A&G-Office Supplies	00236	\$ 38.00	44.212%	\$ 16.80	9.055%	\$ 3.44	\$ 16.80
	2009	100048687	OTHER	Refreshments	921000	A&G-Office Supplies	00236	\$ 7.67	44.212%	\$ 3.39	9.055%	\$ 0.69	\$ 3.39
	2009	100048687	OTHER	Hotel food & Beverages for Sullivan, Woycik, Gullick, Mango)	921000	A&G-Office Supplies	00236	\$ 66.69	44.212%	\$ 29.49	9.055%	\$ 6.04	\$ 29.49
	2009	100048687	OTHER	various dates	921000	A&G-Office Supplies	00236	\$ 15.00	44.212%	\$ 6.63	9.055%	\$ 1.36	\$ 6.63
	2009	100048687	OTHER	Change fee for Amtrak - FERC meeting	921000	A&G-Office Supplies	00236	\$ 181.21	44.212%	\$ 80.12	9.055%	\$ 16.41	\$ 80.12
	2009	100048687	OTHER	Car Service to Logan Airport	921000	A&G-Office Supplies	00236	\$ 181.81	44.212%	\$ 80.38	9.055%	\$ 16.46	\$ 80.38
	2009	100048687	OTHER	Car Service from Logan to home	921000	A&G-Office Supplies	00236	\$ 42.00	44.212%	\$ 18.57	9.055%	\$ 3.80	\$ 18.57
	2009	100048687	OTHER	Cab from Alveston Manor to Warwick	921000	A&G-Office Supplies	00236	\$ 38.00	44.210%	\$ 16.80	9.055%	\$ 3.44	\$ -
	2009	100048687	OTHER	Travel Leaders Service Fee	921000	A&G-Office Supplies	00236	\$ 193.00	44.210%	\$ 85.33	9.055%	\$ 17.48	\$ -
	2009	100048687	OTHER	Acela Train roundtrip from Providence/NYC	921000	A&G-Office Supplies	00236	\$ 15.00	44.210%	\$ 6.63	9.055%	\$ 1.36	\$ -
	2009	100048687	OTHER	Travel Leaders Service fee for 11/4 stay in Melville Marriott	921000	A&G-Office Supplies	00236	\$ 38.00	44.210%	\$ 16.80	9.055%	\$ 3.44	\$ -
	2009	100048687	OTHER	Travel Leaders Service Fee	921000	A&G-Office Supplies	00236	\$ 14.06	44.210%	\$ 6.22	9.055%	\$ 1.27	\$ -
	2009	100048687	OTHER	Refreshments	921000	A&G-Office Supplies	00236	\$ 179.00	44.210%	\$ 79.14	9.055%	\$ 16.21	\$ -
	2009	100048687	OTHER	Car Service to Logan Airport	921000	A&G-Office Supplies	00236	\$ 179.00	44.210%	\$ 79.14	9.055%	\$ 16.21	\$ -
	2009	100048687	OTHER	Car Service from Logan to home	921000	A&G-Office Supplies	00236	\$ 38.00	44.210%	\$ 16.80	9.055%	\$ 3.44	\$ -
	2008	100050973	OTHER	Tzell travel fee - cxd trip	921000	A&G-Office Supplies	00201	\$ 38.00	37.997%	\$ 14.44	0.000%	\$ -	\$ 14.44
	2008	100050973	OTHER	Cancelled UK flight. \$50 penalty plus \$38 Tzell fee	921000	A&G-Office Supplies	00201	\$ 88.00	37.997%	\$ 33.44	0.000%	\$ -	\$ 33.44
	2008	100050973	OTHER	Team Gifts	921000	A&G-Office Supplies	00203	\$ 606.89	41.563%	\$ 252.24	0.000%	\$ -	\$ -
	2008	100050973	OTHER	Tzell fee for hotel reservation	921000	A&G-Office Supplies	00203	\$ 15.00	41.563%	\$ 6.23	0.000%	\$ -	\$ -
	2008	100050973	OTHER	Tickets to show for Direct Reports (post-holiday gathering)	921000	A&G-Office Supplies	00203	\$ 783.20	41.563%	\$ 325.52	0.000%	\$ -	\$ -
	2008	100050973	OTHER	Coast to Coast - rain jackets - gifts	921000	A&G-Office Supplies	00203	\$ 19.02	41.563%	\$ 7.91	0.000%	\$ -	\$ -
	2008	100050973	OTHER	Tzell fee to reserve hotel	921000	A&G-Office Supplies	00203	\$ 15.00	41.563%	\$ 6.23	0.000%	\$ -	\$ -
	2008	100050973	OTHER	Refreshments - Albany	921000	A&G-Office Supplies	00203	\$ 17.00	41.563%	\$ 7.07	0.000%	\$ -	\$ -
	2008	100050973	OTHER	fuel for car	921000	A&G-Office Supplies	00203	\$ 67.00	41.563%	\$ 27.85	0.000%	\$ -	\$ -
	2008	100050973	OTHER	Refreshment for Alliance of Black Professionals Mtg -- JP agreed to	921000	A&G-Office Supplies	00203	\$ 405.05	41.563%	\$ 168.35	0.000%	\$ -	\$ -
	2008	100050973	OTHER	Sponsor for ED	921000	A&G-Office Supplies	00203	\$ 25.00	43.767%	\$ 10.94	0.000%	\$ -	\$ -
	2008	100050973	OTHER	Fee at airport to catch earlier flight	921000	A&G-Office Supplies	00203	\$ 38.00	0.000%	\$ -	0.000%	\$ -	\$ -
	2008	100050973	OTHER	Tzell travel fee to change UK flight time	921000	A&G-Office Supplies	00201	\$ 6.50	0.000%	\$ -	0.000%	\$ -	\$ -
	2008	100050973	OTHER	Harvard Business Review Article - April 07	921000	A&G-Office Supplies	00201	\$ 36.00	0.000%	\$ -	0.000%	\$ -	\$ -
	2008	100050973	OTHER	Parking at Logan	921000	A&G-Office Supplies	00201	\$ 48.00	0.000%	\$ -	0.000%	\$ -	\$ -
	2008	100050973	OTHER	Parking at Logan	921000	A&G-Office Supplies	00201	\$ 108.00	0.000%	\$ -	0.000%	\$ -	\$ -
	2008	100050973	OTHER	Parking at Boston Logan - UK trip	921000	A&G-Office Supplies	00201	\$ 642.52	0.000%	\$ -	0.000%	\$ -	\$ -
	2008	100050973	OTHER	Hyatt Regency Birmingham UK (GTB Mtgs)	921000	A&G-Office Supplies	00201	\$ 709.08	0.000%	\$ -	0.000%	\$ -	\$ -
	2008	100050973	OTHER	Global Transformation Bd Mtg in UK	921000	A&G-Office Supplies	00201	\$ 4,003.48	44.212%	\$ 1,770.02	9.055%	\$ 362.52	\$ 1,770.02
	2009	100051351	OTHER	Year-End Celebration-US Finance/Tax&Treasury - 05/07/09-	921000	A&G-Office Supplies	00236	\$ 4,003.48	44.212%	\$ 1,770.02	9.055%	\$ 362.52	\$ 1,770.02
	2009	100051351	OTHER	Luciano's Rest - Bklyn	921000	A&G-Office Supplies	00236	\$ 4,003.48	44.212%	\$ 1,770.02	9.055%	\$ 362.52	\$ 1,770.02

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Calendar Yr	Exp Empl Id	Exp Type	Exp Type Descr	Regulatory Acct	Regulatory Acct Descr	Billing Pool	Expense \$	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
2009	100053037	OTHER	Ferry service to LI. Cross Sound Ferry, trip to LI for visits to various NGrid sites on LI. 1 way credit issued for future travel	921000	A&G-Office Supplies	00380	\$ 93.84	43.763%	\$ 41.07	8.963%	\$ 8.41	\$ 41.07
2009	100053037	OTHER	car service \$93 each way, trip to NY for board dinner. Travel to and from LGA airport	921000	A&G-Office Supplies	00380	\$ 186.00	43.763%	\$ 81.40	8.963%	\$ 16.67	\$ 81.40
2009	100053037	OTHER	car service \$93 each way to and from La Guardia to MetroTech for Shared Services Staff monthly meetings	921000	A&G-Office Supplies	00380	\$ 186.00	43.763%	\$ 81.40	8.963%	\$ 16.67	\$ 81.40
2009	100053037	OTHER	UK Finance conference, mains converter for laptop.	921000	A&G-Office Supplies	00380	\$ 41.99	43.763%	\$ 18.38	8.963%	\$ 3.76	\$ 18.38
2009	100053037	OTHER	Trawl Inc. car service to and from La Guardia airport/trip to MetroTech meeting (DEGW).	921000	A&G-Office Supplies	00380	\$ 199.80	43.763%	\$ 87.44	8.963%	\$ 17.91	\$ 87.44
2009	100053037	OTHER	Travel leaders booking fee.	921000	A&G-Office Supplies	00382	\$ 38.00	27.009%	\$ 10.26	4.544%	\$ 1.73	\$ 10.26
2009	100053037	OTHER	travel agency fee for booking the flights.	921000	A&G-Office Supplies	00380	\$ 38.00	43.763%	\$ 16.63	8.963%	\$ 3.41	\$ 16.63
2009	100053037	OTHER	travel agency booking fee/ Travel Leaders	921000	A&G-Office Supplies	00382	\$ 38.00	27.009%	\$ 10.26	4.544%	\$ 1.73	\$ 10.26
2009	100053037	OTHER	Off site meeting with members of the group, Beechwood Hotel, amount includes booking of a work/conference room for entire day, lunch + refreshments for J. Callighan, M. Guerin, P. Burns, C. Deluga, T. Durando, S. Larson	921000	A&G-Office Supplies	00382	\$ 313.75	27.009%	\$ 84.74	4.544%	\$ 14.26	\$ 84.74
2009	100053037	OTHER	Travel agency fee for booking travel.	921000	A&G-Office Supplies	00380	\$ 38.00	43.763%	\$ 16.63	8.963%	\$ 3.41	\$ 16.63
2009	100053037	OTHER	travel agency booking fee/fee for changing flights have put in a dispute for this fee/waiting for an answer.	921000	A&G-Office Supplies	00380	\$ 38.00	43.763%	\$ 16.63	8.963%	\$ 3.41	\$ 16.63
2009	100053037	OTHER	travel agency booking fee.	921000	A&G-Office Supplies	00380	\$ 38.00	43.763%	\$ 16.63	8.963%	\$ 3.41	\$ 16.63
2009	100053037	OTHER	Roundtrip car fare from Buffalo airport to National Grid site at Dewey/Kensington and back to the airport. Trip to Buffalo for Roadshow in Kensington/Property Services.	921000	A&G-Office Supplies	00380	\$ 270.00	43.763%	\$ 118.16	8.963%	\$ 24.20	\$ 118.16
2009	100053037	OTHER	car service pickup from National Grid Hub Drive and bring to LGA airport/trip to NY for roadshow, Property Services.	921000	A&G-Office Supplies	00380	\$ 112.76	43.763%	\$ 49.35	8.963%	\$ 10.11	\$ 49.35
2009	100053037	OTHER	car service pickup from LGA and bring to Melville hotel/trip to NY for roadshow, Property Services.	921000	A&G-Office Supplies	00380	\$ 112.76	43.763%	\$ 49.35	8.963%	\$ 10.11	\$ 49.35
2009	100053037	OTHER	cab fare from hotel to company site/trip to NY for Property Service workshop in Melville.	921000	A&G-Office Supplies	00380	\$ 10.00	43.763%	\$ 4.38	8.963%	\$ 0.90	\$ 4.38
2009	100053037	OTHER	car service pickup from National Grid Hub Drive and bring to LGA airport/trip to NY for roadshow, Property Services	921000	A&G-Office Supplies	00380	\$ 295.60	43.763%	\$ 129.36	8.963%	\$ 26.49	\$ 129.36
2009	100053037	OTHER	school supplies	921000	A&G-Office Supplies	00380	\$ 46.98	43.749%	\$ 20.55	8.961%	\$ 4.21	\$ -
2009	100053037	OTHER	Hire car 1 day in San Diego	921000	A&G-Office Supplies	00380	\$ 104.00	43.749%	\$ 45.50	8.961%	\$ 9.32	\$ -
2009	100053037	OTHER	Driver Austin limo NY trip	921000	A&G-Office Supplies	00380	\$ 199.80	43.749%	\$ 87.41	8.961%	\$ 17.90	\$ -
2009	100053037	OTHER	Driver Austin limo NY trip	921000	A&G-Office Supplies	00380	\$ 199.80	43.749%	\$ 87.41	8.961%	\$ 17.90	\$ -
2009	100053037	OTHER	dental costs in excess of UK.	921000	A&G-Office Supplies	00380	\$ 127.00	43.749%	\$ 55.56	8.961%	\$ 11.38	\$ -
2009	100053037	OTHER	Presc. fees and dental treatment for children	921000	A&G-Office Supplies	00380	\$ 121.09	43.749%	\$ 52.98	8.961%	\$ 10.85	\$ -
2009	100053037	OTHER	hotel dinner breakfast 3 nites UK	921000	A&G-Office Supplies	00380	\$ 700.91	43.749%	\$ 306.64	8.961%	\$ 62.81	\$ -
2009	100053037	OTHER	Hire car and Insurance UK	921000	A&G-Office Supplies	00380	\$ 387.60	43.749%	\$ 169.57	8.961%	\$ 34.73	\$ -
2009	100053037	OTHER	Driver Austin limo NY trip to LAG	921000	A&G-Office Supplies	00380	\$ 155.88	43.749%	\$ 68.20	8.961%	\$ 13.97	\$ -
2009	100053037	OTHER	Driver Austin limo NY trip metro tech	921000	A&G-Office Supplies	00380	\$ 102.90	43.749%	\$ 45.02	8.961%	\$ 9.22	\$ -
2009	100053037	OTHER	2.99% Amer fees since 4/08	921000	A&G-Office Supplies	00380	\$ 1,372.76	43.749%	\$ 600.57	8.961%	\$ 123.01	\$ -
2009	100053313	OTHER	#MULTIVALUE	921000	A&G-Office Supplies	00380	\$ 76.00	44.016%	\$ 33.45	9.015%	\$ 6.85	\$ 33.45
2009	100053313	OTHER	Tzell Service Fee	921000	A&G-Office Supplies	00380	\$ 76.00	44.016%	\$ 33.45	9.015%	\$ 6.85	\$ 33.45
2009	100053313	OTHER	Tzell Booking Fee	921000	A&G-Office Supplies	00380	\$ 38.00	44.016%	\$ 16.73	9.015%	\$ 3.43	\$ 16.73
2009	100053313	OTHER	Tzell Travel Service Charge	921000	A&G-Office Supplies	00380	\$ 38.00	44.016%	\$ 16.73	9.015%	\$ 3.43	\$ 16.73
2009	100053313	OTHER	Tzell Travel Service Charge	921000	A&G-Office Supplies	00380	\$ 38.00	43.763%	\$ 16.63	8.963%	\$ 3.41	\$ 16.63
2009	100053313	OTHER	Tzell Booking Fee	921000	A&G-Office Supplies	00380	\$ 38.00	43.763%	\$ 16.63	8.963%	\$ 3.41	\$ 16.63
2009	100053313	OTHER	Tzell Travel Service Charge	921000	A&G-Office Supplies	00380	\$ 38.00	43.763%	\$ 16.63	8.963%	\$ 3.41	\$ 16.63
2009	100053313	OTHER	Ticket Change Tzell Booking Fee	921000	A&G-Office Supplies	00380	\$ 38.00	43.763%	\$ 16.63	8.963%	\$ 3.41	\$ 16.63
2009	100053313	OTHER	Hotel Wizard Other (Other Expenses)	921000	A&G-Office Supplies	00380	\$ 4.00	43.763%	\$ 1.75	8.963%	\$ 0.36	\$ 1.75
2009	100053313	OTHER	Travel Leaders Service Charge	921000	A&G-Office Supplies	00380	\$ 38.00	43.763%	\$ 16.63	8.963%	\$ 3.41	\$ 16.63
2009	100053313	OTHER	Travel Leaders Service Charge	921000	A&G-Office Supplies	00380	\$ 38.00	43.763%	\$ 16.63	8.963%	\$ 3.41	\$ 16.63
2009	100053313	OTHER	Hotel Wizard Other (Other Expenses)	921000	A&G-Office Supplies	00380	\$ 49.05	43.763%	\$ 21.47	8.963%	\$ 4.40	\$ 21.47

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Calendar Yr	Exp Empl Id	Exp Type	Exp Type Descr	Regulatory Acct	Regulatory Acct Descr	Billing Pool	Expense \$	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
2009	100054831	OTHER	TriStar Car Service fare from LHR airport to Mallory Court	928000	Regulatory Comm Expenses	00239	\$ 381.93	27.305%	\$ 104.29	4.594%	\$ 17.55	\$ -
2009	100054831	OTHER	TriStar Car Service fare from Intercontinental hotel to LHR airport	928000	Regulatory Comm Expenses	00239	\$ 106.95	27.305%	\$ 29.20	4.594%	\$ 4.91	\$ -
2009	100054831	OTHER	Travel Agent Fee	928000	Regulatory Comm Expenses	00239	\$ 38.00	27.305%	\$ 10.38	4.594%	\$ 1.75	\$ -
2009	100054831	OTHER	Travel Agent Fee	928000	Regulatory Comm Expenses	00239	\$ 38.00	27.305%	\$ 10.38	4.594%	\$ 1.75	\$ -
2009	100054831	OTHER	Travel Agen Fee	928000	Regulatory Comm Expenses	00239	\$ 38.00	27.305%	\$ 10.38	4.594%	\$ 1.75	\$ -
2009	100054831	OTHER	Taxi to dinner with Bill Bollbach to discuss team collaboration initiative	928000	Regulatory Comm Expenses	00239	\$ 16.50	27.305%	\$ 4.51	4.594%	\$ 0.76	\$ -
2009	100054831	OTHER	Subscription to The Electricity Journal > 1-09 to 12-09	928000	Regulatory Comm Expenses	00239	\$ 107.00	27.305%	\$ 29.22	4.594%	\$ 4.92	\$ -
2009	100054831	OTHER	Car Service to Logan airport to fly to UK for U.S. Strategy Presentation	928000	Regulatory Comm Expenses	00239	\$ 74.50	27.305%	\$ 20.34	4.594%	\$ 3.42	\$ -
2009	100054831	OTHER	Car Service from Logan airport aftr U.S. Strategy Presentation	928000	Regulatory Comm Expenses	00239	\$ 74.50	27.305%	\$ 20.34	4.594%	\$ 3.42	\$ -
2008	100054904	OTHER	Realtor's fee	928000	Regulatory Comm Expenses	00233	\$ 2,300.00	56.431%	\$ 1,297.91	0.000%	\$ -	\$ 1,297.91
2008	100054904	OTHER	Meals (13) at hotel	928000	Regulatory Comm Expenses	00233	\$ 280.92	56.431%	\$ 158.53	0.000%	\$ -	\$ 158.53
2009	100056326	OTHER	Belbin Associates -Team Roles w/Work Delivery Direct reports and Executive admin	921000	A&G-Office Supplies	00233	\$ 388.80	54.013%	\$ 210.00	0.000%	\$ -	\$ 210.00
2009	100056326	OTHER	mileage - UK allowance 20 cents per mile - W'boro to Marlboro, NEA Program Directorate Mt. - Lincoln	921000	A&G-Office Supplies	00233	\$ 13.20	54.013%	\$ 7.13	0.000%	\$ -	\$ -
2009	100056326	OTHER	mileage - UK allowance 20 cents per mile - Tx conf. - Lincoln to W'boro - Lincoln	921000	A&G-Office Supplies	00233	\$ 13.20	54.013%	\$ 7.13	0.000%	\$ -	\$ -
2009	100056326	OTHER	mileage - UK allowance 20 cents per mile Lincoln to W'boro to meet	921000	A&G-Office Supplies	00233	\$ 13.20	54.013%	\$ 7.13	0.000%	\$ -	\$ -
2009	100056326	OTHER	mileage - UK allowance 20 cents per mile - Lincoln to Sandy Pond, Ayer,MA JES review to and from	921000	A&G-Office Supplies	00233	\$ 8.40	54.013%	\$ 4.54	0.000%	\$ -	\$ -
2009	100056326	OTHER	mileage - UK allowance 20 cents per mile - Lexington to D.C. -D.C. to Lexington - attended Unlity Perspective Conference	921000	A&G-Office Supplies	00233	\$ 181.00	54.013%	\$ 97.76	0.000%	\$ -	\$ -
2009	100056326	OTHER	health ck up required by school - BUPA insurance not covered for Kathenne Hibbitt	921000	A&G-Office Supplies	00233	\$ 370.00	54.013%	\$ 199.85	0.000%	\$ -	\$ -
2009	100056326	OTHER	health ck up required by school - BUPA insurance not covered for Jasmine Hibbitt	921000	A&G-Office Supplies	00233	\$ 180.00	54.013%	\$ 97.22	0.000%	\$ -	\$ -
2009	100056326	OTHER	health ck up required by school - BUPA insurance not covered for Amy Hibbitt	921000	A&G-Office Supplies	00233	\$ 200.00	54.013%	\$ 108.03	0.000%	\$ -	\$ -
2009	100056326	OTHER	Waltham to Natick, MA - Business Mtg. w/Nick Winsor to Lincoln, MA	921000	A&G-Office Supplies	00233	\$ 6.00	54.013%	\$ 3.24	0.000%	\$ -	\$ -
2009	100056326	OTHER	Waltham-Marlboro, MA for NEPA mtg. in Marlboro, MA to Lincoln, MA	921000	A&G-Office Supplies	00233	\$ 14.00	54.013%	\$ 7.56	0.000%	\$ -	\$ -
2009	100056326	OTHER	Waltham office to No. Attleboro office - NEEWS Mtgt	921000	A&G-Office Supplies	00233	\$ 19.00	54.013%	\$ 10.26	0.000%	\$ -	\$ -
2009	100056326	OTHER	Lincoln, MA to Marlboro, MA NEA Mtg. back to Lincoln, MA	921000	A&G-Office Supplies	00233	\$ 14.00	54.013%	\$ 7.56	0.000%	\$ -	\$ -
2009	100056326	OTHER	Lincoln, MA to Ayer,MA to for mtg -to Waltham	921000	A&G-Office Supplies	00233	\$ 13.00	54.013%	\$ 7.02	0.000%	\$ -	\$ -
2009	100711139	OTHER	Travel agent fee for car rental	925000	Injuries & Damages Insurance	00354	\$ 15.00	31.110%	\$ 4.67	6.259%	\$ 0.94	\$ 4.67
2009	100711139	OTHER	Limo 18 - Waltham office to Logan Airport	925000	Injuries & Damages Insurance	00354	\$ 96.80	31.110%	\$ 30.11	6.259%	\$ 6.06	\$ 30.11
2009	100711139	OTHER	Limo 18 - Melville office to LaGuardia Airport	925000	Injuries & Damages Insurance	00354	\$ 158.40	31.110%	\$ 49.28	6.259%	\$ 9.91	\$ 49.28
2009	100711139	OTHER	Limo 18 - Logan Airport to home	925000	Injuries & Damages Insurance	00354	\$ 117.20	31.110%	\$ 36.46	6.259%	\$ 7.34	\$ 36.46
2009	100711139	OTHER	Limo 18 - LaGuardia Airport to hotel	925000	Injuries & Damages Insurance	00354	\$ 164.40	31.110%	\$ 51.14	6.259%	\$ 10.29	\$ 51.14
2009	100711139	OTHER	Hotel taxes	925000	Injuries & Damages Insurance	00354	\$ 15.85	31.110%	\$ 4.93	6.259%	\$ 0.99	\$ 4.93
2009	100711139	OTHER	US Air excess baggage fee	925000	Injuries & Damages Insurance	00354	\$ 15.00	31.590%	\$ 4.74	6.470%	\$ 0.97	\$ 4.74
2009	100711139	OTHER	Limo 18 hired car Framingham (home) to Logan Airport, Boston --	925000	Injuries & Damages Insurance	00354	\$ 110.20	31.590%	\$ 34.81	6.470%	\$ 7.13	\$ 34.81
2009	100711139	OTHER	EEL conference, Virginia	925000	Injuries & Damages Insurance	00354	\$ 110.20	31.590%	\$ 34.81	6.470%	\$ 7.13	\$ 34.81
2009	100711139	OTHER	Limo 18 Airport to home	925000	Injuries & Damages Insurance	00354	\$ 75.12	31.590%	\$ 23.73	6.470%	\$ 4.86	\$ 23.73
2009	100711139	OTHER	Hotel taxes	925000	Injuries & Damages Insurance	00354	\$ 19.65	31.590%	\$ 6.21	6.470%	\$ 1.27	\$ 6.21
2009	100711139	OTHER	Hotel taxes	925000	Injuries & Damages Insurance	00354	\$ 15.00	31.590%	\$ 4.74	6.470%	\$ 0.97	\$ 4.74
2009	100711139	OTHER	Excess baggage fee - US Air	925000	Injuries & Damages Insurance	00354	\$ 15.00	31.590%	\$ 4.74	6.470%	\$ 0.97	\$ 4.74
2009	100711139	OTHER	Refreshments for Safety & Health meeting, Waltham	925000	Injuries & Damages Insurance	00354	\$ 21.89	31.590%	\$ 6.92	6.470%	\$ 1.42	\$ 6.92

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2009	100711139	OTHER	Limo 18 Metrotech office to hotel - Inn at Fox Hollow, Woodbury, NY	925000	Injuries & Damages Insurance	00354	\$ 202.17	31.590%	\$ 63.87	6.470%	\$ 13.08	\$ 63.87
2009	100711139	OTHER	Limo 18 Melville office to LaGuardia airport	925000	Injuries & Damages Insurance	00354	\$ 186.99	31.590%	\$ 59.07	6.470%	\$ 12.10	\$ 59.07
2009	100711139	OTHER	Limo 18 LaGuardia Airport to Metrotech office	925000	Injuries & Damages Insurance	00354	\$ 203.96	31.590%	\$ 64.43	6.470%	\$ 13.20	\$ 64.43
2009	100711139	OTHER	Hotel taxes	925000	Injuries & Damages Insurance	00354	\$ 20.81	31.590%	\$ 6.57	6.470%	\$ 1.35	\$ 6.57
2009	100711139	OTHER	Cell phone case	925000	Injuries & Damages Insurance	00354	\$ 33.59	31.590%	\$ 10.61	6.470%	\$ 2.17	\$ 10.61
2009	100711139	OTHER	Airport snack	925000	Injuries & Damages Insurance	00354	\$ 3.47	31.590%	\$ 1.10	6.470%	\$ 0.22	\$ 1.10
2009	100711139	OTHER	Limo 18 for job candidate, John Fischer - Waltham to Logan Airport	925000	Injuries & Damages Insurance	00354	\$ 96.80	31.590%	\$ 30.58	6.470%	\$ 6.26	\$ 30.58
2009	100711139	OTHER	Limo 18 for job candidate, John Fischer from Logan Airport to Waltham	925000	Injuries & Damages Insurance	00354	\$ 96.80	31.590%	\$ 30.58	6.470%	\$ 6.26	\$ 30.58
2009	100711139	OTHER	Coffee - Chad Martin & John Duckworth	925000	Injuries & Damages Insurance	00354	\$ 4.18	31.590%	\$ 1.32	6.470%	\$ 0.27	\$ 1.32
2009	100711139	OTHER	Auto detailing for company executive SUV	925000	Injuries & Damages Insurance	00354	\$ 200.00	31.590%	\$ 63.18	6.470%	\$ 12.94	\$ 63.18
2009	100711139	OTHER	Travel agent fee for hotel booking - John Fischer	925000	Injuries & Damages Insurance	00354	\$ 15.00	31.590%	\$ 4.74	6.470%	\$ 0.97	\$ -
2009	100711139	OTHER	Hotel taxes - The Liaison Hotel, Washington, DC - AGA Safety Leadership Summit	925000	Injuries & Damages Insurance	00354	\$ 37.56	31.590%	\$ 11.87	6.470%	\$ 2.43	\$ -
2009	100711139	OTHER	Hotel snack	925000	Injuries & Damages Insurance	00354	\$ 19.72	31.590%	\$ 6.23	6.470%	\$ 1.28	\$ -
2009	100711139	OTHER	Excess baggage fee - Washington DC - AGA Safety Leadership Summit	925000	Injuries & Damages Insurance	00354	\$ 25.00	31.590%	\$ 7.90	6.470%	\$ 1.62	\$ -
2009	100711139	OTHER	Excess baggage fee - Logan Airport - Washington DC - Safety Leadership Summit	925000	Injuries & Damages Insurance	00354	\$ 25.00	31.590%	\$ 7.90	6.470%	\$ 1.62	\$ -
2009	100711139	OTHER	Conference fee - AGA Safety Leadership Summit - Washington DC	925000	Injuries & Damages Insurance	00354	\$ 625.00	31.590%	\$ 197.44	6.470%	\$ 40.44	\$ -
2009	100711139	OTHER	Cab from Washington National Airport to Liaison Hotel, Washington DC - Safety Leadership Summit	925000	Injuries & Damages Insurance	00354	\$ 20.00	31.590%	\$ 6.32	6.470%	\$ 1.29	\$ -
2009	100711139	OTHER	Cab fare - Liaison Hotel to Washington National Airport - AGA Safety Leadership Summit	925000	Injuries & Damages Insurance	00354	\$ 30.00	31.590%	\$ 9.48	6.470%	\$ 1.94	\$ -
2009	100711139	OTHER	Airport snack	925000	Injuries & Damages Insurance	00354	\$ 3.08	31.590%	\$ 0.97	6.470%	\$ 0.20	\$ -
2009	100711139	OTHER	Travel agent fee - Brooklyn Marriott hotel booking	925000	Injuries & Damages Insurance	00354	\$ 15.00	31.590%	\$ 4.74	6.470%	\$ 0.97	\$ -
2009	100711139	OTHER	Hotel taxes - 2 nights	925000	Injuries & Damages Insurance	00354	\$ 112.90	31.590%	\$ 35.66	6.470%	\$ 7.30	\$ -
2009	100711139	OTHER	Coffee - Starbucks	925000	Injuries & Damages Insurance	00354	\$ 2.12	31.590%	\$ 0.67	6.470%	\$ 0.14	\$ -
							\$ 198,114.67		\$ 71,016.50		\$ 10,695.97	\$ 31,320.39

Massachusetts Information Request AG-32-45 - Exother
Allocation to Niagara Mohawk Power Corporation

Calendar Yr	Exp Empl Id	Exp Type	Exp Type Descr	Regulatory Acct	Regulatory Acct Descr	Billing Pool	Expense \$	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
2009	100053037	EXOTHER	waste bills includes tv pickup fees.	921000	A&G-Office Supplies	00380	\$ 160.00	43.763%	\$ 70.02	8.963%	\$ 14.34	\$ 70.02
2009	100053037	EXOTHER	waste bills	921000	A&G-Office Supplies	00380	\$ 110.00	43.763%	\$ 48.14	8.963%	\$ 9.86	\$ 48.14
2009	100053037	EXOTHER	Eye test and glasses for son	921000	A&G-Office Supplies	00380	\$ 306.00	43.763%	\$ 133.91	8.963%	\$ 27.43	\$ 133.91
			dental reimbursement for difference in UK and US dental coverage									
2009	100053037	EXOTHER	waste bills	921000	A&G-Office Supplies	00380	\$ 4,147.00	43.763%	\$ 1,814.85	8.963%	\$ 371.70	\$ 1,814.85
2009	100053037	EXOTHER	waste bills	921000	A&G-Office Supplies	00380	\$ 55.00	43.749%	\$ 24.06	8.961%	\$ 4.93	\$ -
2009	100053037	EXOTHER	waste bills	921000	A&G-Office Supplies	00380	\$ 165.00	43.749%	\$ 72.19	8.961%	\$ 14.79	\$ -
2009	100053037	EXOTHER	heating oil	921000	A&G-Office Supplies	00380	\$ 299.13	43.749%	\$ 130.87	8.961%	\$ 26.80	\$ -
			Additional transportation costs for personal goods (wine) that needed to be shipped separately from main shipment									
2008	100053313	EXOTHER	Marriott Residence Inn-House was not ready to move into	921000	A&G-Office Supplies	00380	\$ 1,254.00	44.016%	\$ 551.96	44.016%	\$ 551.96	\$ 551.96
2008	100053543	EXOTHER	Invoice for License Fees for Linda Ryan-Smith	921000	A&G-Office Supplies	00201	\$ 90.00	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100053543	EXOTHER	Invoice for License Fees for Andrew J. Ryan-Smith	921000	A&G-Office Supplies	00201	\$ 60.00	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100053543	EXOTHER	Dover Trucking-Refuse Collection 1st installment	921000	A&G-Office Supplies	00201	\$ 24.36	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100053543	EXOTHER	Dover Trucking Trash Pickup invoice	921000	A&G-Office Supplies	00201	\$ 43.02	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100053543	EXOTHER	Strawberry Hill landscaping and Irrigation, Inc.	921000	A&G-Office Supplies	00201	\$ 92.00	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100053543	EXOTHER	meal at Heathrow Airport prior to flight to US	921000	A&G-Office Supplies	00201	\$ 32.14	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100053543	EXOTHER	Meal at Heathrow Airport for family prior to flying to US	921000	A&G-Office Supplies	00201	\$ 46.74	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100053543	EXOTHER	Lunch-waiting to move into house	921000	A&G-Office Supplies	00201	\$ 18.44	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100053543	EXOTHER	Lunch in London while getting VISAs for US move	921000	A&G-Office Supplies	00201	\$ 19.30	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100053543	EXOTHER	Hertz Car Lease until purchased car arrived	921000	A&G-Office Supplies	00201	\$ 7,895.61	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100053543	EXOTHER	Dover trucking, Inc. - Weekly Waste Removal	921000	A&G-Office Supplies	00201	\$ 43.40	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100053543	EXOTHER	Bill for 4 mandatory medical exams prior to coming to US	921000	A&G-Office Supplies	00201	\$ 671.53	0.000%	\$ -	0.000%	\$ -	\$ -
2008	100053543	EXOTHER	Wellesley Driving School invoice for requirement of MA law for expats	921000	A&G-Office Supplies	00201	\$ 195.00	37.997%	\$ 74.09	37.997%	\$ 74.09	\$ 74.09
2008	100053543	EXOTHER	Dover Trucking Inc. weekly waste removal bill	921000	A&G-Office Supplies	00201	\$ 42.69	37.997%	\$ 16.22	37.997%	\$ 16.22	\$ 16.22
2008	100053543	EXOTHER	Bear Hill Mobil-fill up of company pool car	921000	A&G-Office Supplies	00201	\$ 74.92	37.997%	\$ 28.47	37.997%	\$ 28.47	\$ 28.47
2008	100053543	EXOTHER	prior to returning to the pool	921000	A&G-Office Supplies	00201	\$ 138.00	37.997%	\$ 52.44	37.997%	\$ 52.44	\$ 52.44
2008	100053543	EXOTHER	Strawberry Hill Landscaping	921000	A&G-Office Supplies	00201	\$ 42.36	37.997%	\$ 16.10	37.997%	\$ 16.10	\$ 16.10
2008	100053543	EXOTHER	Dover Trucking - Trash Pick up	921000	A&G-Office Supplies	00201	\$ 248,460.24		\$ 100,346.64		\$ 25,178.76	\$ 45,964.97

Massachusetts Information Request AG-32-46 - Busmtg
Allocation to Niagara Mohawk Power Corporation

Calendar Yr	Exp Empl Id	Exp Type	Exp Type Desc	Regulatory Acct	Regulatory Acct Desc	Billing Pool	Expense \$	NIMO Electric %	NIMO Electric Allocated \$	NIMO Gas %	NIMO Gas Allocated \$	NIMO Electric Included in HTY
2009	100054480	BUSMTG	Luncheon introducing Janet Ahern to staff members (she is a new Director CCS). In attendance: Mais, Hagan, Ahern, Bell, Corbosiero, Rivera, Allsworth, Giroux, Edstrom	901000	Cust Acct-Supervision	00200	\$ 78.70	0.000%	\$ -	13.394%	\$ 10.54	\$ -
2009	100054480	BUSMTG	Web Strategy Team @ Nbro Call Center All Day - lunch for Ahmad; Small; Touramont; Chacko; Liberman; Malaga; Diebler; Geib; Mais; concemi; Hagan; Tatro; Butler; Blood	901000	Cust Acct-Supervision	00203	\$ 124.09	44.671%	\$ 55.43	0.000%	\$ -	\$ 55.43
2009	100054480	BUSMTG	Web Strategy Team @ Nbro Call Center All Day - lunch for Ahmad; Small; Touramont; Chacko; Liberman; Malaga; Diebler; Geib; Mais; concemi; Hagan; Tatro; Butler; Blood	901000	Cust Acct-Supervision	00200	\$ 124.09	0.000%	\$ -	13.066%	\$ 16.21	\$ -
2009	100054480	BUSMTG	Team Bldg Mtg/Dinner w/Rudy Wynter; Mais; Earle; Cummins; Dimitrov; Kiley; Cianfone; Ahmed; ahern; Marino; Moran; Maggoire; Girardot; Gans; Concemi	901000	Cust Acct-Supervision	00203	\$ 509.81	44.671%	\$ 227.74	0.000%	\$ -	\$ 227.74
2009	100054480	BUSMTG	Team Bldg Mtg/Dinner w/Rudy Wynter; Mais; Earle; Cummins; Dimitrov; Kiley; Cianfone; Ahmed; ahern; Marino; Moran; Maggoire; Girardot; Gans; Concemi	901000	Cust Acct-Supervision	00200	\$ 509.81	0.000%	\$ -	13.066%	\$ 66.61	\$ -
2009	100054551	BUSMTG	Staff Meeting	921000	A&G-Office Supplies	00231	\$ 52.11	52.595%	\$ 27.41	0.000%	\$ -	\$ 27.41
2009	100054551	BUSMTG	Metro 9 - Team meeting	921000	A&G-Office Supplies	00231	\$ 493.19	52.595%	\$ 259.39	0.000%	\$ -	\$ 259.39
2009	100054551	BUSMTG	Meeting with IBM Regulatory Federal Stimulus	921000	A&G-Office Supplies	00231	\$ 70.00	52.595%	\$ 36.82	0.000%	\$ -	\$ 36.82
2009	100054551	BUSMTG	Meeting with IBM - Grid Wise Alliance	921000	A&G-Office Supplies	00231	\$ 46.44	52.595%	\$ 24.43	0.000%	\$ -	\$ 24.43
2009	100054551	BUSMTG	Lunch with Nassau County Red Cross	921000	A&G-Office Supplies	00231	\$ 113.00	52.595%	\$ 59.43	0.000%	\$ -	\$ 59.43
2009	100054551	BUSMTG	I & M Strategy Prep Mtg for JP	921000	A&G-Office Supplies	00231	\$ 187.00	52.595%	\$ 98.35	0.000%	\$ -	\$ 98.35
2009	100054551	BUSMTG	Doubletree - Wbro	921000	A&G-Office Supplies	00231	\$ 30.00	52.585%	\$ 15.78	0.000%	\$ -	\$ 15.78
2009	100054551	BUSMTG	Inclusion and Diversity Dinner	921000	A&G-Office Supplies	00231	\$ 220.00	52.595%	\$ 115.71	0.000%	\$ -	\$ 115.71
2009	100054551	BUSMTG	NH FY10 RER/Veg Mgmt Plan Mtg	921000	A&G-Office Supplies	00231	\$ 79.00	52.595%	\$ 41.55	0.000%	\$ -	\$ -
2009	100054551	BUSMTG	Meeting with IBM at GridWeek	921000	A&G-Office Supplies	00231	\$ 91.00	52.595%	\$ 47.86	0.000%	\$ -	\$ -
2009	100054551	BUSMTG	Meeting re Talent Mgmt	921000	A&G-Office Supplies	00231	\$ 108.15	52.595%	\$ 56.88	0.000%	\$ -	\$ -
2009	100054551	BUSMTG	lunch mtg w/ nhy staff	921000	A&G-Office Supplies	00231	\$ 32.05	52.595%	\$ 16.86	0.000%	\$ -	\$ -
2009	100054551	BUSMTG	Ivy Rest - rate case hearings in Boston	921000	A&G-Office Supplies	00231	\$ 70.00	52.595%	\$ 36.82	0.000%	\$ -	\$ -
2009	100054551	BUSMTG	Dinner Mtg	921000	A&G-Office Supplies	00231	\$ 80.00	52.595%	\$ 42.08	0.000%	\$ -	\$ -
2009	100054551	BUSMTG	Dinner mtg	921000	A&G-Office Supplies	00231	\$ 114.00	52.595%	\$ 59.96	0.000%	\$ -	\$ -
2009	100054551	BUSMTG	Dinner Meeting w/ E Mada	921000	A&G-Office Supplies	00231	\$ 112.00	52.595%	\$ 58.91	0.000%	\$ -	\$ -
2009	100054551	BUSMTG	Breakfast at Tour de Trees	921000	A&G-Office Supplies	00231	\$ 15.55	52.595%	\$ 8.18	0.000%	\$ -	\$ -
2009	100054551	BUSMTG	Bertucci's - rate case work	921000	A&G-Office Supplies	00231	\$ 90.00	52.595%	\$ 47.34	0.000%	\$ -	\$ -
2009	100054551	BUSMTG	Bertucci's - rate case work	921000	A&G-Office Supplies	00231	\$ 93.00	52.595%	\$ 48.91	0.000%	\$ -	\$ -
2009	100054551	BUSMTG	Bertucci's - NY Mgmt Audit	921000	A&G-Office Supplies	00231	\$ 70.00	52.595%	\$ 36.82	0.000%	\$ -	\$ -
2009	100054551	BUSMTG	Dinner w/ Jennifer Grimsley	921000	A&G-Office Supplies	00231	\$ 80.00	52.595%	\$ 42.08	0.000%	\$ -	\$ -
2009	100054551	BUSMTG	Dinner Meeting in Waltham	921000	A&G-Office Supplies	00231	\$ 180.00	52.595%	\$ 94.67	0.000%	\$ -	\$ -
2009	100054551	BUSMTG	Deposit for team dinner meeting	921000	A&G-Office Supplies	00231	\$ 531.25	52.595%	\$ 279.41	0.000%	\$ -	\$ -
2009	100054551	BUSMTG	All day working meeting - lunch provided	921000	A&G-Office Supplies	00231	\$ 93.24	52.595%	\$ 49.04	0.000%	\$ -	\$ -
							\$ 234,069.13		\$ 83,485.06		\$ 7,400.36	\$ 31,452.00

Date of Request: August 20, 2010
Due Date: August 30, 2010

Request No. JJA-74
NMPC Req. No. NM 1054 DPS-645

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Jerry Ancona

TO: Infrastructure and Operations Panel

Request:

Subject: Northeast Region Reinforcement Follow-Up

Reference: [Niagara Mohawk Rebuttal Testimony, 8/6/2010, Book 4 - IOP, pgs. 5- 12 of 167]

With respect to this strategy/program/project and the associated Niagara Mohawk rebuttal testimony as referenced above, please provide the following:

(A) Given that the Company's transmission planning design criteria is based upon single contingency (N-1) evaluations (as per the response to IR DPS-421 (JJA-032)), please indicate both the rationale and the authorization for proposing capital project expenditures based upon N-1-1 evaluations;

(B) Regarding the Company's quote from its TP28, Transmission Planning Guide: "When the expected restoration for a particular contingency is expected to be greater than 24 hours, analysis should be performed to determine the potential impacts if a second design contingency were to occur prior to restoration of the failed equipment." Please explain how this specifically mandates or authorizes installation of additional equipment pre-emptively, as opposed to simply providing operational and planning information to facilitate operational plans that can be developed in the event the contingency occurs;

(C) Please indicate what steps the Company has taken and/or plans to take – including consultations/collaborations with other utilities – to help expedited replacement of a failed transformer with a spare or mobile substation to minis outage time;

(D) With respect to the Company stating that "if no spare is available, the time the system will be without the transformer will be longer," please indicate all Niagara Mohawk transmission transformers (i.e., those with 345 kV, 230 kV and/or 115 kV on the primary side) that do not have a suitable spare or mobile substation for replacement;

(E) For transmission transformers (as identified in "D" above), please explain in detail why a suitable spare or mobile substation is not available, and in each case what the Company's plans are to remedy this situation;

(F) Please explain on what basis the Company is inferring (pg. 9) that NERC standards for planning the bulk system for N-1-1 contingencies applies to any and/or all of the Company's transmission transformers;

(G) With respect to the Company stating that "Certain sections of the Con Edison system are designed and operated for the occurrence of a second contingency," please explain:

1) Whether the Con Edison transmission planning criteria specifically and formally define its "double contingency" criteria areas as well as "single contingency;"

2) How the Niagara Mohawk system compares with Con Edison's double contingency areas versus Con Edison's single contingency areas;

3) Whether other investor owned electric utilities in New York have specific double contingency rules formally included within their transmission planning criteria;

(H) Please explain whether Niagara Mohawk has performed a detailed economic analysis on whether the incremental reliability value of adopting an N-1-1 transmission planning criteria is commensurate with the incremental costs, and if so, please provide the results of that study.

(I) With regard to the projected load for Advanced Micro Devices growing to 74 MW, please provide:

1) An estimated timeline for this load increase;

2) A detailed description of the impact on the transmission system in terms of potential N-1 planning criteria violations;

3) The source that projected this level of load growth.

(J) With respect to the Company stating that "Without Turner Road, several N-1 contingencies would trigger the potential need to reconnector 20-25 miles of 115 kV lines, at substantial cost," please provide:

1) An explanation of why the response to IR DPS-486 (JJA-65) indicates no N-1 criteria violations;

2) Whether the evaluation referring to "several N-1 contingencies" assumes that the new Spier-Rotterdam 115 kV line is in service;

3) A description of the specific criteria violation associated with the "several N-1 contingencies" in terms of : (a) the specific limiting contingency defined by a specific transmission element that results in the criteria violation; and (b) the specific transmission element that is over-loaded by that contingency (or is over-loaded with all elements in service);

4) A description of the specific relevant assumptions associated with the "several N-1 contingencies" in terms of : (a) real and reactive load and loss levels and local generation, that drive the prediction of the criteria violation, including specific assumptions used for the AMD real and reactive load;

5) A detailed description and cost estimate of the referenced reconnectoring of 20-25 miles of 115 kV lines "at substantial cost."

Response:

- A. This request mischaracterizes the response to IR DPS-421 (JJA-32). The request in IR DPS-421 (JJA-32) described several scenarios and asked for clarification that the Company's planning criteria addressed the scenarios. In response, the Company stated that the "descriptions of the provisions of TGP28 with respect to the areas of inquiry in this request are generally accurate." However, nowhere in the response does it state that the Company's transmission planning design criteria is based solely upon single contingency (N-1) evaluations. Indeed, use of N-1-1 evaluations is also consistent with the provisions of TGP28.

The rationale for proposing capital projects based on N-1-1 evaluations is that equipment failures, construction, maintenance, storms, and many other factors cause the transmission system to operate with one or more elements out of service very frequently. In other words, the system is frequently in an N-1 (or more) state. To ensure that the system is sufficiently robust to enable system operators to maintain reliability, transmission planners study N-1-1 contingencies and initiate projects to address certain N-1-1 contingencies, as specified in various planning criteria.

As evidenced by the presence of N-1-1 testing requirements in various industry standards and criteria, and by the prevalence of this practice throughout the country, N-1-1 testing is firmly established as Good Utility Practice. Some examples include:

- NERC Standards require N-1-1 testing for all Bulk Electric System elements. Compliance is mandatory.
 - The New York State Reliability Council Reliability Rules, which utilize the Northeast Power Coordinating Council criteria as a foundation, require N-1-1 testing for elements of the Bulk Power System. The New York State Public Service Commission has ordered compliance with these rules.
- B. As noted previously, TGP28 requires N-1-1 analysis. If the results of the analysis indicate that operating actions, operating constraints or adaptive measures that do not unduly interfere with reliable and economical system operation can sufficiently address the N-1-1 contingency of concern, then such approaches may be considered. However, if such measures are not available and load shedding or overloading of equipment cannot be avoided, then capital projects are initiated.
- C. On July 11, 2006, Niagara Mohawk Power Corporation entered into a Spare Transformer Equipment Program (STEP) Sharing Agreement managed by the Edison Electric Institute (EEI). The STEP program permits the transfer of certain large, long lead time spare transformers among participants in the case of specific triggering events as outlined in Case 07-E-0683 (Petition of Niagara Mohawk Power Corporation d/b/a National Grid for Authority to Transfer Certain Utility Property and for Related Relief).

The Company's affiliates have recently been involved in a transformer spares working group in conjunction with a number of New England utilities. The aim of this working group was to identify opportunities to help expedite replacement of a failed transformer with a spare to minimize outage time. However, because of the differences in voltage ratios, impedances, vector groups, etc. it became evident that such an approach would not work very easily. The Company has not considered a similar approach with other utilities in New York and it is likely that a similar problem would exist.

The Company would welcome discussions with Staff on the sharing of spare transformers between Niagara Mohawk and National Grid affiliate companies.

- D. Please refer to Attachment 1 (JJA-74_Attachment 1) for a list of transformers currently in service and the number of 'spares' and mobile units currently available. It should be noted that in some cases, the term 'spare' refers to a transformer that has been decommissioned after many years of service but remains in a standby state and is available for use in an emergency. These back-up spares may not be reliable in the longer-term.
- E. As noted on page 39 (of 167) of the Infrastructure and Operations Panel rebuttal testimony, the Company agrees with Staff's recommendation to conduct a detailed analysis to determine the appropriate number of additional spare transformers that are needed for back-up and or replacement of transformers that do fail. This detailed analysis is currently underway using a statistical approach for the larger populations of transformers and a criticality approach for one-off or smaller populations. For one-off or small populations the Company would only recommend a spare transformer where customer load could not be picked-up following a failure or in the case of inter-bus transformers where Planning standards indicate a need.

The Company does not have any mobile transformers with high side windings of 345 kV and 230 kV, though we do have some spares. Since we do not have mobile transformers at those voltages, there is no quick remedy when a failure occurs. However, the Company does generally have sufficient transformation capacity in the system to carry it over until a spare arrives and is installed.

- F. As noted in the IOP's rebuttal testimony, NERC planning standard TPL-003-0a requires N-1-1 testing for Bulk Electric System (BES) elements. Some of the Company's transformers are BES elements (at least one side connected to a BES station) and some are not. For any given N-1-1 contingency, NERC standards apply if both transformers that trip are BES elements, or if the first is a BES element and another BES element exceeds its ratings after the second element (BES or non-BES) trips. If an N-1-1 contingency is not covered by NERC standards, it may still be covered by NPCC, NYSRC, and/or TGP28 criteria.
- G1. The Company is not in a position to interpret or explain Con Edison's planning criteria. The reference was made solely to point out that other utilities invoke multiple contingencies in their planning processes.
- G2. The Company does not have the information necessary to conduct the requested comparison.

- G3. The Company does not have the requested information. At a minimum, every transmission owner in the State is subject to NERC, NPCC and NYSRC standards and criteria and must plan their systems to reflect the N-1-1 contingencies those documents specify.
- H. The Company has not performed a detailed economic analysis of the type described in the question. To the extent that NERC, NPCC and NYSRC standards and criteria are involved, the Company is committed to full compliance by law and Commission order.
- I1. Global Foundries (GF) projects a 74 MW peak demand by 2012. GF has replaced Advanced Micro Devices in terms of building a chip manufacturing plant in Luther Forest.
- I2. Table A below shows only critical single-contingency thermal criteria violations with Global Foundries interconnected at 74MW without system reinforcement for summer peak 2012 conditions. This is not an exhaustive list of criteria violations. Rather, these concerns are in addition to those which have already been identified, such as long-restoration contingencies which overload the remaining 230-115kV transformer at Rotterdam with any combination of two Rotterdam 230-115kV transformers out as detailed in the Company's response to IR DPS-486 JJA-65.

It should be noted that except for the Mohican/Battenkill-North Troy contingency, the contingency loadings shown do not assume Indeck Corinth out of service; generally, the loadings would be higher for that condition.

Table A: Summer 2012 without reinforcement (Without Turner Rd/Without New Spier-Rotterdam) with Luther Forest Station in service and Global Foundries load at 74MW		
Contingency	Affected Facility	Flow (% LTE Rating)
Rotterdam 77G 115kV Bus	Rotterdam-Woodlawn #35 115kV	111
Rotterdam 99G 115kV Bus	Rotterdam 230-115kV #7	140
	Reynolds Rd 345-115kV #2	101
	Wynantskill-Reynolds Rd #13 115kV	100
	Curry Rd-Rotterdam #11 115kV	105
	North Troy-Reynolds Rd #16 115kV	101
Mohican/Battenkill-North Troy #3/#10 115kV Double Circuit (Note 1)	Spier-Rotterdam #1 115kV	122
	Spier-Rotterdam #2 115kV	136

Note 1 – Indeck Corinth out of service.

- I3. Global Foundries supplied the projected growth in demand for their facility.
- J1. The contingencies which were previously described in IR DPS-486 (JJA-65) were not an exhaustive list. They are among the most critical to consider. For the purpose of succinctness, additional single contingencies, such as those in Table A above, were not presented in the response to IR JJA-65.
- J2. The issue was evaluated with and without the proposed new Spier-Rotterdam transmission line. Table B below illustrates the same information as in Table A, only with the new Spier-Rotterdam in-service.

Table B: Summer 2012 Without Turner Rd/With New Spier-Rotterdam with Luther Forest Station in service and Global Foundries load at 74MW		
Contingency	Affected Facility	Flow (% LTE Rating)
Rotterdam 77G 115kV Bus	Rotterdam-Woodlawn #35 115kV	100
Rotterdam 99G 115kV Bus	Rotterdam 230-115kV #7	140
	Reynolds Rd 345-115kV #2	101
	Wynantskill-Reynolds Rd #13 115kV	99
	Curry Rd-Rotterdam #11 115kV	105
	North Troy-Reynolds Rd #16 115kV	99
Mohican/Battenkill-North Troy #3/#10 115kV Double Circuit (Note 1)	Spier-Rotterdam #1 115kV	<90
	Spier-Rotterdam #2 115kV	<90

Note 1 – Indeck Corinth out of service

- J3. This information is tabulated above in Tables A and B; without and with the proposed new Spier-Rotterdam 115kV respectively.
- J4a. While a wide range of load and generation levels were examined, the assumptions corresponding to summer peak 2012 and the conditions in Table A are as follows for Niagara Mohawk's Eastern Division (Capital and Northeast Regions):

Load: 2372MW +976MVAR,
 Losses: 104MW,
 Generation 1327.4MW,
 Global Foundries Load: 74MW + 24.3MVAR.

- J5. The estimate was developed as follows. Table C below shows the effect of the addition of Turner Rd on conditions shown in Table B above. By comparison of Tables B and C, the facilities in bold text below are relieved by the addition of Turner Road. This avoids the cost of reconductoring 21.2 circuit-miles of the Rotterdam-Woodlawn/Curry #35/#11 115kV double circuit.

An order of magnitude estimate of the cost to reductor the #35/#11 is provided below:

Approximate cost to reductor the #35/#11 115kV double circuit: Both circuits of the 10.6 mile double circuit line would need to be reducted between Rotterdam and Woodlawn to increase the conductor rating and balance physical load between both circuits. An approximate cost for this work, which upgrades 21.2 circuit miles of conductor, is \$1,000,000/circuit mile or \$21,200,000.

Table C: Summer 2012 With Turner Rd/With New Spier-Rotterdam with Luther Forest Station in service and Global Foundries load at 74MW.

Rotterdam 77G 115kV Bus	Rotterdam-Woodlawn #35 115kV	<90
Rotterdam 99G 115kV Bus	Rotterdam 230-115kV #7	<90
	Reynolds Rd 345-115kV #2	<90
	Wynantkill-Reynolds Rd #13 115kV	<90
	Curry Rd-Rotterdam #11 115kV	<90
	North Troy-Reynolds Rd #16 115kV	<90
Mohican/Battenkill-North Troy #3/#10 115kV Double Circuit (Note 1)	Spier-Rotterdam #1 115kV	<90
	Spier-Rotterdam #2 115kV	<90

Note 1 – Indeck Corinth out of service

Name of Respondent:

Joseph J. Hipius
Mark S. Forchilli

Date of Reply:

8/31/10

Spare and Mobile Transformer Availability for Installed Transformers

JJA-74
Attachment 1

Description	MVA rating range	High Side Vector	Low Side Vector	LTC	Total Population	Number of Spares Available	Number of Mobile Transf. Available
115 to 13.8/13.2KV	2.5/3.13	Delta	Wye Grounded	N	1		
115 to 13.8/13.2KV	0.5	Delta	Wye Grounded	Y	1		
115 to 13.8/13.2KV	5-12.5	Delta	Wye Grounded	Y	33		2
115 to 13.8/13.2KV	5-12.5	Delta	Wye Grounded	N	2	1	
115 to 13.8/13.2KV	12-22.4	Delta	Wye Grounded	Y	64	1	
115 to 13.8/13.2KV	15-33.3	Delta	Wye Grounded	Y	123	7	1
115 to 13.8/13.2KV	24-56	Delta	Wye Grounded	Y	13		
115 to 34.5kv	7.5-12.5	Delta	Wye Grounded	N	17	2	
115 to 34.5kv	15-33.3	Delta	Wye Grounded	N	27	3	
115 to 34.5kv	25-50	Delta	Wye Grounded	Y	14	1	
115 to 34.5kv	25-50	Delta	Wye Grounded	N	9		
115 to 34.5kv	40/53/66/74.6	Delta	Wye Grounded	Y	2		
115 to 34.5kv	15-33.3	Wye Grounded	Wye Grounded	Y	3		
115 to 34.5kv	15-33.3	Wye Grounded	Wye Grounded	N	12	2	
115 to 34.5kv	50/75	Wye Grounded	Wye Grounded	Y	1		
115 to 46kv	18-50	Delta	Wye Grounded	Y	5	1	
115 to 46kv	5-9.375	Delta	Wye Grounded	N	3		
115 to 46kv	15-35	Delta	Wye Grounded	N	6		1
115 to 69kv	20-56	Wye Grounded	Wye Grounded	Y	6	1	
115 to 12 kv	24/32/40	Wye Grounded	ZZ	Y	2		
115 to 12 kv	25/33.33	Delta	Wye Grounded	Y	2		
115 to 12 kv	30/40	Wye Grounded	Delta	Y	2		
115 to 12 kv	7.5	Delta	Wye	N	1		
115-4.16kv	3.75	Delta	Wye Grounded	Y	2		
115-4.16kv	3.75-5	Delta	Wye Grounded	N	7		
115-4.8kv	2.5-4.68	Wye Grounded	Delta	N	2		
115-4.16kv	7.5/9.375	Delta	Wye Grounded	Y	3	1	
115-4.16kv	7.5-12.5	Delta	Wye Grounded	N	8	1	
115-2.4kv	10/12.5	Delta	Delta	N	3		
115-4.4kv	7.5/9.375	Wye Grounded	Wye Grounded	Y	3		
14-4.8kv	7.5-12.5	Wye Grounded	Delta	Y	2		
115-23kv	30-50	Delta	Wye Grounded	Y	9		
115-23kv	7.5-22.5	Delta	Wye Grounded	N	7		
115-23kv	7.5-10.5	Wye Grounded	Delta	N	3		
115-23kv	7.5	Wye Grounded	Wye Grounded	N	2		
115-23kv	15-25	Delta	Wye Grounded	Y	3	1	
115-23kv	15-25	Delta	Wye Grounded	N	6		
115-23kv	20-63	Delta	Wye Grounded	Y	2		
230-23kv	45 or 60	Wye Grounded	Delta	Y	6		
230-115kv	75-125	Wye Grounded	Wye Grounded	Y	6	3	
230-115kv	200-298	Wye Grounded	Wye Grounded	Y	5	2	
230-115kv	349	Wye Grounded	Wye Grounded	Y	1		
230				REACT	3		
345-13.8kv single phase transformer	90/95/100	Wye Grounded	Delta	N	3	1	
345-115kv	224-448	Wye Grounded	Wye Grounded	Y	13	1	
345-230kv	340/443	Wye Grounded	Delta	N	1		
115kv single phase transformer					51	Use three phase transformer to spare the single phase transformers if failure happens	

Date of Request: August 20, 2010
Due Date: August 30, 2010

Request No. JJA-75
NMPC Req. No. NM 1055 DPS-646

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Jerry Ancona

TO: Infrastructure and Operations Panel

Request:

Subject: Reliability Criteria Compliance Program Follow-Up

Reference: [Niagara Mohawk Rebuttal Testimony, 8/6/2010, Book 4 - IOP, pgs. 14 – 21 of 167]

With respect to this strategy/program/project and the associated Niagara Mohawk rebuttal testimony as referenced above, please provide the following:

(A) Whether any other investor owned electric utility in New York State treats generator outages as part of base conditions in transmission planning studies (as opposed to N-1 contingencies). If so, provide the specific qualifications they employ;

(B) Please explain whether Niagara Mohawk has performed a detailed economic analysis on whether the incremental reliability value of treating generator outages as a part of base conditions in transmission planning studies (as opposed to an N-1 contingency) is commensurate with the incremental costs, and if so, please provide the results of that study;

(C) With respect to the Company stating that: "there have been cases where generators have gone off line and never returned to service because of equipment failures that the owners considered too expensive to repair," please explain whether the Company believes its proposal to treat loss of a generator as a base condition will result in an unnecessary preemptive installation of equipment driven by speculation that a certain generator may retire;

(D) Please provide a list of N-1 criteria violations predicted to occur with the Olean generator in service and with the Warren-Falconer #171 line considered out-of- service as part of the base assumptions – including the load level assumed for Jamestown BPU and other pertinent assumptions;

(E) Presuming the Southwest Area Substation were to be constructed, please explain on what basis the reconductoring of the Warren-Falconer 115 kV line #171 would be justified;

(F) For the Mortimer-Golah #109 project, please provide a detailed description along with associated pertinent assumptions of N-1 criteria violations that are predicted to occur with the Seneca Power generator in service.

Response:

(A) The Company does not know the modeling approaches used by the other investor-owned utilities in New York State with respect to generators out of service in the base cases used in their studies.

(B) The Company has not performed detailed economic analysis of the type described. The Company views its practice of taking a generator out of service in the base case as important to ensuring that its studies sufficiently stress the system to identify potential vulnerabilities so that they may be addressed. Planning the system with sufficiently stressed cases is necessary in order to design a system that provides the necessary flexibility for system operators to provide safe and reliable service to customers. Since a planning study cannot and does not attempt to identify every combination of generation dispatch, line outages, equipment outages (due to either maintenance or forced outages due to failures that routinely occur on a power system), it is important to begin the study with a stressed base case that is appropriate for that area of study and then apply the design contingencies to that base case. The Company also notes that a study of the type indicated cannot yield meaningful results that would generically apply system-wide, as each area of the system is unique, with generators contributing differently to system reliability. The incremental costs would be localized and the incremental benefits would be very difficult to quantify in economic terms.

(C) The Company does not believe that its practice of taking a generator out of service as a base case condition results in "unnecessary preemptive installation of equipment driven by speculation that a certain generator may retire." While unit retirement, especially one forced by unanticipated equipment failure, is one circumstance that would leave the system without the support of a generator, less severe forced outages that might take a generator down for a week or more, without retirement, are not unusual, and should be factored into planning. Interruptions of fuel supply, tightened air quality regulations, plant economics, downstream transmission constraints, labor disputes, and any number of other events could have short or long term impacts on the availability of a generator. It is the full range of possibilities that the Company is concerned with, not just permanent retirement.

The purpose behind studying the system with a key generator out of service is to stress the system and identify its weaknesses, so they can be addressed. Doing so ensures that the system is planned to be robust, and that system operators will be able to reliably run the system for a wide range of conditions, including some that may not be explicitly studied in planning studies.

(D) Using a 2011 summer peak system representation, with 75 MW and up to 21 MVar of generation at Indeck Olean in service, voltage problems in the Falconer/Homer Hill area will develop for two separate single contingencies. This analysis assumes that the Andover capacitor bank is in service at 10 MVar, and line #157 was open at Andover, per the existing arrangement. The town of Jamestown is modeled as a 78 MW, 39 MVar load, which is consistent with typical summer peak demands that Niagara Mohawk sees from this customer; however, it is less than the 100 MW the Company is required to make available, per existing agreements. The existing 27

MVAr capacitor bank at Homer Hill and the two existing 25 MVAr capacitor banks at Falconer are modeled in service. It was also assumed that line #171 is out of service in the base case. No proposed upgrades were included in the base case.

For an outage of the Dunkirk bus section M2, the area voltage will fall to 77%. The voltage at Falconer was at 82% and Homer Hill was at 88%. It is expected that the Homer Hill voltage would be low enough for the under voltage relaying at Indeck Olean to operate. If the generation did trip off, the area voltage would fall below 70%.

For an outage of the Homer Hill bus south bus section, the voltage at the load buses along line #157 would be at 89%.

(E) Construction of the Southwest Station is not, by itself, sufficient to resolve all of the issues in the Southwest area. Reconductoring of line #171 is one of several projects that, together, yield a satisfactory solution. The following discussion is for a summer 2011 case with no generation at Indeck Olean and line #171 out of service pre-contingency. This analysis assumes that the Andover capacitor bank is in service at 10 MVAr, and line #157 was open at Andover, per the existing arrangement. The town of Jamestown is modeled as a 78 MW, 39 MVAr load, which is consistent with typical summer peak demands that Niagara Mohawk sees from this customer; however, it is less than the 100 MW the Company is required to make available, per existing agreements. The existing 27 MVAr capacitor bank at Homer Hill and the two existing 25 MVAr capacitor banks at Falconer are modeled in service.

If the Southwest Station were constructed, area voltages with all lines in service are above 95%. However, for an outage of the 345/115 kV transformer, the voltage at the load buses along line #157 would be at 88%. For a double circuit tower outage of the Southwest Station – Homer Hill circuits, the voltage would fall below 75%. A fault on the Dunkirk 115 kV bus section M2 would result in voltages between Dunkirk and Falconer at 85%. N-1-1 contingency testing was not performed so other outage combinations, may result in voltage outside of acceptable limits.

If the projects to add a second capacitor bank at Homer Hill, increase the Andover capacitor bank to 15 MVAr and close line #157 at Andover were added to the base cases most, but not all, of these N-1 issues would be addressed. For a fault on Dunkirk 115 kV bus section M2, voltages between Dunkirk and Falconer will still fall to 87%. The Company also does N-1-1 planning when considering loss of a long lead time item. For outages of the 345/115 kV transformer or the 230/115 kV transformers at Dunkirk, followed by other area design contingencies, voltage problems would be present. This includes outages around Dunkirk and on the circuits between Gardenville and Southwest Station as the second outage. The impact of an N-1-1 outage involving the Homer City – Southwest 345 kV circuit as the first outage was also considered when developing the area upgrades.

These existing N-1 and N-1-1 concerns, including problems that may develop later within the 10 year horizon of planning studies, can be addressed by having line #171 in service. To make sure that the line will be in service pre-contingency, it will need to be reconducted because First Energy may otherwise choose to open the line to avoid potential overload. If not reconducted, relaying at the First Energy end could trip the line if the loading exceeds limits, making it an undependable source of support for the Southwest area. Reconductoring and having line #171 in

service is thus part of a larger set of projects that will bring the whole area into compliance with all N-1 and N-1-1 criteria through the 10 year planning horizon.

(F) Using a 2011 summer peak system representation, with 50 MW, 19.5 MVAR of generation at Seneca Power, voltage problems in the Golah area will develop for two contingencies. For an outage of the Mortimer – Golah 115 kV line #110, the voltage at Golah and along radial line #116 will fall to 88%. For a fault on Mortimer bus section 2, 115/69 kV TB #3 or the Mortimer 69 kV bus, circuits #110, #114, #2, #25, both 75 MVAR capacitor banks and 115/69 kV TB #3 will be taken out of service. For this bus outage, the 115 kV voltage in the Golah area would be below 75%. The system response was very similar if only line #110 and TB #3 were taken out. Mortimer TB #3 is the only source to the Mortimer – Golah 69 kV circuit #109. Thus, when the transformer is out of service, the 69 kV line is out of service. Therefore, even with the Seneca Power generation in service, there are several N-1 contingency situations that could result in unacceptable system performance. However, as discussed in response to question B, the full requirements and system reinforcements should still be based on the system performance when the system is stressed, i.e. with the most critical unit assumed out.

Name of Respondent:

Joseph J. Hipius
Jeffery M. Maher

Date of Reply:

8/30/10

Date of Request: April 8, 2010
Due Date: April 19, 2010

Request No. MM-162
NMPC Req. No. NM 479 MI-162

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Multiple Intervenors

Request:

With respect to the electric line repair work, identified on page 12, line 3, of the direct testimony of the Revenue Requirements Panel:

- a. identify each project that the utility intends to defer as an austerity measure;
- b. set forth the estimated cost savings and revenue requirement reduction associated with each austerity measure during the rate years ending December 31, 2011, December 31, 2012, and December 31, 2013; and
- c. identify the date on which each austerity measure was implemented (i.e., the date on which the utility decided to defer the project).

Response:

As described in page 12, line 4, these measures represent level 3 maintenance work in the short term. Since these costs were avoided in the test year and the Company can only defer these costs for a limited time, the Company has added these costs as a rate year adjustment. The rate year adjustments are presented on pages 214 to 218 of the infrastructure and operations panel testimony.

Name of Respondent:
James Molloy & Keith McAfee

Date of Reply:
April 14, 2010

Date of Request: April 19, 2010
Due Date: April 29, 2010

Request No. MM-200
NMPC Req. No. NM 571 MI-200

NIAGARA MOHAWK POWER CORPORATION d/b/a National Grid
Docket 10-E-0050 Niagara Mohawk Power Corporation
Rate Case

Request for Information

FROM: Multiple Intervenors

Request:

The utility provided a list of capital projects deferred as an austerity measure in its response to RAV-46(a). Regarding the set of capital projects described therein, set forth:

- (a) the total amount of capital investment, in dollars, that will continue to be deferred during the rate years ending December 31, 2011, December 31, 2012, and December 31, 2013; and
- (b) the total amount of capital investment, in dollars, that will be “reinstated” during the rate years ending December 31, 2011, December 31, 2012, and December 31, 2013; and

Response:

(a) & (b) – As an initial matter, the Company notes that the infrastructure investment plan presented in this case represents a minimum level of spending the Company can undertake consistent with its obligations to achieve applicable reliability targets in the near-term and to make small progress towards addressing some of the longer term reliability risks on the electric system. The capital plan presented in this case is nearly \$888 million lower than the Company’s prior five-year capital plan over the period FY10-FY14 (see, e.g., Exhibit __ (IOP-2), comparing the rate case filing with the Company’s January 2009 Capital Investment Plan). While perhaps not satisfying the specific definition of an austerity measure established in the Commission’s Case 09-M-0435, the Company’s capital plan nevertheless will result in significant savings to customers as compared to previous plans, while still providing for safe and adequate service.

With respect to the specific austerity deferrals referenced in this request, they will result in an overall budget reduction that affects each year of the rate plan. Whether a specific project shown in RAV46 (a) is deferred to a point within the rate plan period or deferred beyond the rate plan period, there is no “incremental” effect to the rate plan. A specific deferred project would have only been “reinstated” at the point where the risk of not

performing that project would affect the Company's ability to continue to efficiently provide safe and adequate service. Besides specific projects, RAV46 (a) shows program or blanket projects which were scaled due to austerity as well. There would be no "reinstated" amount for these types of projects; there is only a budget level set for each fiscal year. In light of this, we have supplemented the project detail provided in Attachment 1, Exhibits 2 (Distribution and Sub-Transmission) and 3 (Transmission), of data request RAV46(a) with the budgeted levels for each project in the plan years to indicate whether future capital spending is anticipated and at what level for each given project number. See Attachment 1, Exhibits 2 (Distribution and Sub-Transmission) and 3 (Transmission) (MM-200_Attach 1_Deferral Projects). For clarity and ease of cross reference, the attachment to this response includes only the corresponding exhibits referenced in IR RAV46(a) (i.e., "Exhibit 2" and "Exhibit 3"); and there no pages relating to an "Exhibit 1."

Name of Respondent:

Glen DiConza
Tom Sullivan

Date of Reply:

April 29, 2009

RAV-46 RESPONSE

Distribution & Sub-Transmission Changes to budgeted projects

(8,864,000)

TOTAL ADJUSTMENT

RAV-46

Attachment 1

Exhibit 2

Project Number	Project Description	Project Original FY18 Capital Budget	Budget Adjustment	Project Revised FY19 Capital Budget	Does project have dollars in Plan? If so when does cash flow begin (FY11-FY14)	Capital Amount BUDGETED:			
						Fiscal Year 2011	Fiscal Year 2012	Fiscal Year 2013	Fiscal Year 2014
C00469	Wilton - Install 34.5kV Circuit Brk	200,000	(200,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C00475	Seneca Terminal Sta Repl 23 kV Bkr	150,000	(150,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C00476	Kensington Terminal Station - Rpl 2	150,000	(150,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C00498	Western Rgn Stations - McG Ed 38kV,	300,000	(300,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C04338	Spares	1,494,000	(1,394,000)	100,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C06375	Bremen-Automate 115kV Switches	80,000	(80,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C06379	NR-Lowville-Automate 115kV switch	797,000	(797,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C15658	Sawyer Sta - Add Cable Positions	500,000	(150,000)	350,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C23353	Install Animal Fences & Line Guards	249,000	(149,000)	100,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C25321	NY Mobile Station Readiness Program	448,000	(448,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C25324	NY Asset Replacement Conceptual	151,000	(126,000)	25,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C25811	NY ARP Batts/Chargers Repl Prog	398,000	(20,000)	378,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C25999	NY ARP FOR TXD SUBSTATIONS	500,000	(200,000)	300,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C26050	NY ARP Caps & Switches	249,000	(199,000)	50,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C26561	S.Livingston-115-13.2KV- Bus & Bkr	1,494,000	(1,294,000)	200,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28124	Replace Schuyler 210 breaker	1,425,000	(1,425,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28146	Seneca Reactors Purchase	1,611,000	(1,111,000)	500,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28876	Butler Sub - Add 3rd Breaker, R530	299,000	(299,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C29026	North Collins - Replace TB1	498,000	(498,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C29027	North Eden - Replace TB1	597,000	(597,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C29028	South Newfane 71 - Replace TB1	498,000	(498,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C29048	Town of Elberta - DC in a box	398,000	(398,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C17991	NW HUF Relief	100,000	(100,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C26222	Buffalo State UG 23 kv	400,000	(399,000)	1,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C26818	Town of Elberta - DC in a box	398,000	(398,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28106	Swann Rd F10552 tie with F10557	299,000	(299,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28724	Lakeview 18251 - 18254 Feeder Tie	148,000	(148,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28725	Cloverbank 9153 -Lakeview 18254 Tie	108,000	(108,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28887	Station 43 - Load Relief	115,000	(115,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28890	Buffalo 23KV Reconductor - Seneca	250,000	(225,000)	25,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28899	Farmersville bank relief	5,000	(5,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C29045	Whitehaven Rd 64 - F6454 Relief	199,000	(199,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C29047	Wilson Sta 93 - Load Relief	996,000	(996,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C29185	23kV Cable Replacement Program	2,879,000	(160,000)	2,719,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C07469	Whitehall 18752 - Rebuild Route 4 o	398,000	(398,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C14063	IE - NE Targeted Pole Replace	1,494,000	(403,000)	1,091,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C16085	Quail Hollow - new 13.2kV feeders	50,000	(50,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C17992	NE HUF Relief	100,000	(100,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C25400	PIN 1248.14 State Route 149 DOT	498,000	(498,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28766	Wolf Rd 34453 - add feeder tie	203,000	(203,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28786	Liberty 9490 - replace getaway	121,000	(121,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28790	Alps - new dist sub - D Line work	200,000	(150,000)	50,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28845	Queensbury 29557 Exten. Bay St.	30,000	(30,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28875	Queensbury 29552 Exten Aviation Rd	20,000	(20,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28878	Butler - Construct Feeder 36253	299,000	(299,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C29110	Colvin 31387 Getaway cable repl	278,000	(278,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C29111	Cobleskill 21412 Getaway cable repl	62,000	(62,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C00253	Hinsdale Fdr Relief	224,000	(224,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C08918	IE - NC Targeted Pole Replace	1,494,000	(803,000)	691,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C08999	Erie Blvd 13.2kV - New Rome 76252	125,000	(125,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C17990	NC HUF Relief	100,000	(100,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C26776	Yahundasis 64656 Reconductor Rte 5	209,000	(141,000)	68,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28816	Carthage-High Falls#21	500,000	(499,000)	1,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C26922	NR-N Gouverneur 98352-CoRt 10	203,000	(203,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-

RAV-46 RESPONSE

Distribution & Sub-Transmission Changes to budgeted projects

(8,864,000)

TOTAL ADJUSTMENT

RAV-46

Attachment 1

Exhibit 2

Project Number	Project Description	Project Original FY10 Capital Budget	Budget Adjustment	Project Revised FY10 Capital Budget	Does project have dollars in Plan? If so when does cash flow begin (FY11-FY14)	Capital Amount BUDGETED			
						Fiscal Year 2011	Fiscal Year 2012	Fiscal Year 2013	Fiscal Year 2014
C26971	NR-Heuvelton 92372_McAdoo 92451	325,000	(325,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C27682	Fort Covington sub-T work TxD	90,000	(90,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28027	NR 89865 Blow Farm	16,000	(16,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28065	Union-L. Clear 35 Bloomindale tap	66,000	(66,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28289	Lehigh 66953 tie with LHH 6144	50,000	(50,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28344	CNY Network Protector Replacement	279,000	(88,000)	211,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28587	Southwood 52 Reconnector	374,000	(374,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28589	Southwood 51 Reconnector	413,000	(413,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28605	Jewett Rd 56 correct low voltage	547,000	(547,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28827	NR-David 97967 Jay St Exten.	199,000	(199,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28829	MV-Alder Creek Dustin Rd Ext/Conv.	897,000	(897,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28850	Tinker Tavern Step Down	348,000	(348,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C28855	Conkling Relief	154,000	(154,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C16655	Mainline Reconducting	2,241,000	(2,241,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
DBBPROG20	IE - UG Structures & Equip. - NY Placeholder	2,241,000	(1,541,000)	700,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
DBBPROG22	IE - Pockets of Poor Performance - NY Placeholder	597,000	(597,000)	-	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
DBBPROG24	IE - UG Cable Replacement - NY Placeholder	748,000	(702,000)	46,000	Project removed/deferred from current FY2011-FY2014 Plan	-	-	-	-
C00279	NR-Bloomindale-Replace Sta Struct	-	723,000	723,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C06360	Whitesboro R260-R290 replacement	-	10,000	10,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C06368	NR-Westville - TB#1, Fuses, & 8kr	-	627,000	627,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C15791	York Cen Sta 53 - New 115/113.2 TB	-	50,000	50,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C15805	E Batavia - Repl TB1 & TB2	-	1,469,000	1,469,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C20174	TxD Mobile Substations in NY	1,300,000	700,000	2,000,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C20211	Mobile Sub SW Rewind	-	452,000	452,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C24066	LTC Filtration Systems NY Dxt FY09	-	150,000	150,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C24419	Replace Metal Clad at Springfield	-	800,000	800,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C24559	Animal fences for NYED Substations	-	100,000	100,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C25262	Chestertown replace SW688 w/ brkr	-	200,000	200,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C25559	Southwood - Inst. Mobile Sub Access	30,000	10,000	40,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C25599	NY ARP Breakers & Reclosers	-	1,300,000	1,300,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C25684	NY ARP Spare Breaker & Redcloser	-	100,000	100,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C26879	Stoner - Install 4th Breaker R540	-	275,000	275,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C28126	NY PCB Bushing Spill Containment	-	141,000	141,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C28838	Clinton St Cooling/3rd Feeder Canaj	-	40,000	40,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C29209	Elm 23KV Shunt Reactor	-	160,000	160,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C29741	Liberty Str. Sub - Control Building	-	150,000	150,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C00492	Youngstown - Mountain #401 Line	350,000	875,000	875,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C06820	Line 218 - Reconnector	-	200,000	200,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C14951	DOT Reloc Conduit Babcock St	-	100,000	100,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C15081	City/DOT Babcock St-23KV Cables	-	206,000	206,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C15667	Regulators 34.5KV on Line 208 & 225	-	350,000	350,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C26396	DOT-Main St Buffalo Road Work	-	300,000	300,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C26406	F2471-Reconnector Mang Ave	-	100,000	100,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C26476	Mumford 5051 Tie with E. Golah 5155	-	660,000	660,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C26557	F13861 Extend & Transfer to F23251	-	300,000	300,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C26558	F13862 Extend & transfer to F23255	-	100,000	100,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C26559	F7654 - Extend & Transfer to 23251	-	500,000	500,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C26696	F20655 - Hendrix Cable Installation	249,000	446,000	695,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C26841	Heltz Rd. Conversion to 13.2 KV	-	260,000	260,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C27438	Oakfield-Caledonia 201-34.5kv Rbld.	-	200,000	200,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C27505	856 line refurbish	250,000	300,000	550,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C28012	F13862 reliability improvement	190,000	25,000	215,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C28085	Danien F1662 feeder tie	268,000	50,000	318,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C28715	W.Hamlin 8254 - Tie w/F8252 & F7458	556,000	110,000	666,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C28722	New Langford 18061 - New Regulators	36,000	4,000	40,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C28841	Station 97 - New F9755	448,000	92,000	540,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-

RAV-46 RESPONSE

MM-200

Distribution & Sub-Transmission Changes to budgeted projects

(8,864,000)

TOTAL ADJUSTMENT

RAV-46

Attachment 1

Exhibit 2

Project Number	Project Description	Project Original FY10 Capital Budget	Budget Adjustment	Project Revised FY10 Capital Budget	Does project have dollars in Plan? If so when does cash flow begin (FY11-FY14)	Capital Amount BUDGETED:			
						Fiscal Year 2011	Fiscal Year 2012	Fiscal Year 2013	Fiscal Year 2014
C28846	Station 61 - Relief	149,000	30,000	179,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C28943	NYDOT_Vharle Drive	-	100,000	100,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C29040	Byron Station Load Relief	712,000	157,000	869,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C29044	Long Road 209 - New FDR 20954	597,000	113,000	710,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C31067	DYOVILLE COLLEGE New 23 KV Service	-	276,000	276,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C31297	New Walmart Leroy Project	-	78,000	78,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C31340	REBUILD 2361 FOR NEW WALMART	-	94,000	94,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C07238	Capitalizeable B-Maintenance	-	50,000	50,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C07431	Watt 32052 - Conversion	-	435,000	435,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C16070	Rott - Schoharie #18 refurbishment	-	350,000	350,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C16078	Maplewood-Lib 2/13 repl cable	-	52,000	52,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C16451	Farman Rd 51 - Woodscape Phs 2 URD	-	50,000	50,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C20351	St. Peter's Hospital Taps	-	151,000	151,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C22224	LFTC POD 10 URD	-	10,000	10,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C25099	Park Place @ Malta, Ph I	-	150,000	150,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C26797	Battenkill-Cm Mt #5: Thompson Tap	-	10,000	10,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C26878	Stoner 35854 Getaway	24,000	38,000	62,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C27729	DOTNR-PIN # 1248,14- NY-Eastern Div	398,000	62,000	450,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C27857	V-344	159,000	19,000	178,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C28288	Canajoharie 03124 Clinton Rd	-	255,000	255,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C28447	Rotterdam-Schoharie #18 Middleburg	-	400,000	400,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C28524	V-16 James & State St Roof Replace	160,000	15,000	175,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C28527	V-66 James St Roof Replacement	157,000	20,000	177,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C29988	Church St 04351 Ductbank	-	154,000	154,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C30024	City of Albany - Delaware Ave	-	120,000	120,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C30405	Extend 3 phase for Wldewaters Proj	-	100,000	100,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C31385	DOT Colonie, Maxwell Rd.	-	135,000	135,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C06894	Seneca Hill Rebuild Rt 48	-	525,000	525,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C07810	Colony-Browns Falls #21 Rebuild	-	250,000	250,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C07813	Emeryville-Mine Rd #23 Rbl'd & SWS	-	742,000	742,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C09354	NR-Westville-TB#1(Fdr Rework)	100,000	55,000	155,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C12058	Piercefield-Tupper Lake #39 Rebuild	200,000	250,000	450,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C14626	NR-Paul Smiths 83462 Line Upgrade	149,000	25,000	174,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C14909	CR Rebuild New Haven Rt 3	-	554,000	554,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C15725	CR W. Cleveland Voltage	-	150,000	150,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C15729	North Syracuse Install Capacitors	175,000	50,000	225,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C15749	Hurricane Rd. Rebuild	-	371,000	371,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C24482	CR-Central Square 1562-Rebuild	-	853,000	853,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C24959	DestNY Expansion-subT New Swgr	-	50,000	50,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C25261	DOT- Taft Road Relocations	-	350,000	350,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C25404	Akwesasne Mohawk Casino Line Tap	-	250,000	250,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C26597	Galeville Load Relief	-	120,000	120,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C26777	Richville-Battle Hill#26 Retirement	-	1,000	1,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C27984	Balmat 90461-Cole Rd Relocation	-	217,000	217,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C28040	Niles 29451 Reconductoring	179,000	45,000	224,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C28292	Rathbun-Labrador #39 Underbuilt	-	150,000	150,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C28611	Harris Rd 51 Rebuild	210,000	25,000	235,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C28853	Cortland Relief	234,000	50,000	284,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C29102	DOTR PIN 3501.42 Bartel Rd	-	165,000	165,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C29444	Salina Landfill 34.5kv relocations	50,000	150,000	200,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C29496	NR-32356 RT 37 Conv.	486,000	161,000	647,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C29944	Devoe Rd. Rebuild	-	125,000	125,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C30132	Jefferson Commons	-	150,000	150,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C30586	Fayetteville Retirement	-	236,000	236,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C31603		-	97,000	97,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C31128	Hinsdale Fdr Relief	-	273,000	273,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-

RAV-46 RESPONSE

NM-200

Distribution & Sub-Transmission Changes to budgeted projects

(8,864,000)

TOTAL ADJUSTMENT

RAV-46

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Project Number	Project Description	Project Original FY10 Capital Budget	Budget Adjustment	Project Revised FY10 Capital Budget	Does project have dollars in Plan? If so when does cash flow begin (FY11-FY14)	Capital Amount BUDGETED:			
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C31177	St. Joe's Underground Relocation	-	172,000	172,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C31197	DOT PIN7116.05 Rt9N AuSable Forks	-	150,000	150,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C31349	DOT PIN 2042.33 St Rt26 & 46 Rome	-	110,000	110,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C31544	Pleasant Acres URD Phase 1	-	110,000	110,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C31546	Pleasant Acres Subdivision Part 2	-	144,000	144,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C31560	NR-SLU Hillside Dr	-	450,000	450,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C31672	Clinton St Beautification	-	110,000	110,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
C31730	Primary UG to 12 lots	-	120,000	120,000	No Spending beyond FY10 in current FY11-FY14 plan	-	-	-	-
CTASK0815	TASK - Sub-T Line NYE Co 36	-	(351,000)	(351,000)	N/A - Allowance for Schedule Change	-	-	-	-
CTASK0816	TASK - Sub-T NYE Co 36	(200,000)	(839,000)	(1,039,000)	N/A - Allowance for Schedule Change	-	-	-	-
CTASK0817	TASK - Sub-T Line NYC Co 36	-	(351,000)	(351,000)	N/A - Allowance for Schedule Change	-	-	-	-
CTASK0818	TASK - Sub-T NYC Co 36	(200,000)	(838,000)	(1,038,000)	N/A - Allowance for Schedule Change	-	-	-	-
CTASK0819	TASK - Sub-T Line NYW Co 36	-	(351,000)	(351,000)	N/A - Allowance for Schedule Change	-	-	-	-
CTASK0820	TASK - Sub-T NYW Co 36	(200,000)	(838,000)	(1,038,000)	N/A - Allowance for Schedule Change	-	-	-	-
CTASK0921	TASK - IE Line	996,000	(638,000)	61,000	N/A - Allowance for Schedule Change	-	-	-	-
CTASK0925	TASK - D-Line NC Co 36	398,000	(150,000)	248,000	N/A - Allowance for Schedule Change	-	-	-	-
CTASK0929	TASK - D-Line NE Co 36	398,000	(298,000)	99,000	N/A - Allowance for Schedule Change	-	-	-	-
CTASK0932	TASK - D-Line NW Co 36	398,000	(298,000)	99,000	N/A - Allowance for Schedule Change	-	-	-	-
C15660	Homer Hill Sta - Rep Cap Bank & Bkr	500,000	(300,000)	200,000	FY2012	-	200,000	-	-
C28894	Buffalo 23kV Reconnector - Kensing.	544,000	(519,000)	25,000	FY2012	-	500,000	2,300,000	-
C28903	Buffalo 23kV Reconnector - Kens2	117,000	(88,000)	29,000	FY2012	-	800,000	1,300,000	-
C06739	Charlton-Ballston #9 Rebuild/Recnfg	500,000	(450,000)	50,000	FY2012	-	1,000,000	-	-
C07519	Rebuild Greenbus-Delevie 7	200,000	(200,000)	-	FY2012	-	1,000,000	-	-
C16073	Newtonville-Patroon #16 Refurb	550,000	(500,000)	50,000	FY2012	-	1,300,000	-	-
C16236	Gloversville - Canaj. #6 Refurbish	1,500,000	(1,450,000)	50,000	FY2012	-	1,000,000	1,000,000	-
C27583	Spier-Glens Falls 8-pls	500,000	(450,000)	50,000	FY2012	-	750,000	500,000	-
C28018	Market Hill-Amsterdam 11, Tap Mohasc	437,000	(377,000)	60,000	FY2012	-	30,000	-	-
C26419	Reynolds - Add M/C & Equip	-	2,200,000	2,200,000	FY2012	-	1,100,000	-	-
C08153	PS&I Activity - New York	398,000	(298,000)	100,000	FY2011	100,000	105,000	110,000	115,000
C15669	Cuba 05 - Replace Transformer Bank	398,000	(358,000)	40,000	FY2011	25,000	-	-	-
C19851	REP SCADA (EMS Expansion)	748,000	(748,000)	-	FY2011	250,000	250,000	250,000	250,000
C20173	REP - Dist Subs Requiring RTUs	149,000	(149,000)	-	FY2011	150,000	150,000	150,000	150,000
C25801	IE - NY ARP Transformers	1,593,000	(753,000)	840,000	FY2011	1,500,000	1,500,000	1,500,000	2,000,000
C26054	NY ARP MetalClad Equipment	2,490,000	(1,490,000)	1,000,000	FY2011	250,000	1,875,000	2,225,000	3,000,000
C28770	Inman Rd - add M/C & 13.2kV Bus work	2,987,000	(2,887,000)	300,000	FY2011	1,000,000	2,187,000	-	-
C28931	Frankhauser-115-13.2KV- Bus & Bkrs	597,000	(497,000)	100,000	FY2011	300,000	2,000,000	-	-
C29049	Yongstown 88 - Station Rebuild	398,000	(398,000)	-	FY2011	750,000	-	-	-
C10967	IE - NW Dist Transformer Upgrades	597,000	(136,000)	461,000	FY2011	1,500,000	1,534,000	2,533,000	3,217,000
C17668	L630 & 631 Hendrix Ca + LBSwitches	500,000	(450,000)	50,000	FY2011	500,000	500,000	-	-
C27562	208 line refurbishment	800,000	(600,000)	200,000	FY2011	1,100,000	1,000,000	-	-
C27563	305 line refurbishment	1,000,000	(850,000)	150,000	FY2011	100,000	-	-	-
C27949	Buffalo Station 52 Rebuild - Fdrs	747,000	(100,000)	647,000	FY2011	1,000,000	-	-	-
C28606	F5769/5763 Rebuild r/o Floradale	228,000	(228,000)	-	FY2011	250,000	-	-	-
C28625	F20871 rebuild ties F4768/F2569	137,000	(137,000)	-	FY2011	162,000	-	-	-
C28652	Delameter F9352 new ties w/18251.53	478,000	(478,000)	-	FY2011	300,000	-	-	-
C28689	F9753 Rebuild/Conv tie w/F21754	389,000	(389,000)	-	FY2011	190,000	-	-	-
C28717	N.Leroy 0455 - Mumford 5052 Fdr Tie	444,000	(444,000)	-	FY2011	400,000	-	-	-
C28718	E.Batavia 2855 - N.Leroy 0456 Tie	484,000	(484,000)	-	FY2011	762,000	-	-	-
C28719	Batavia 0155 - Knapp Rd 22651 Tie	592,000	(592,000)	-	FY2011	532,000	-	-	-
C28726	Sweet Home F22457 tie with F2165	267,000	(267,000)	-	FY2011	60,000	-	-	-
C28892	Buffalo 23kV Reconnector - Huntley	960,000	(930,000)	30,000	FY2011	150,000	1,000,000	6,200,000	-
C28893	Buffalo 23kV Reconnector - Huntley2	1,168,000	(1,118,000)	50,000	FY2011	150,000	1,000,000	1,200,000	-
C28929	Frankhauser New Station - Line Work	309,000	(270,000)	39,000	FY2011	600,000	600,000	-	-
C07438	Chestertown 52 - Duell Hill Rd.	199,000	(199,000)	-	FY2011	150,000	-	-	-
C08606	Delmar 440, Jun, Vooch 52 Conversion	448,000	(17,000)	431,000	FY2011	600,000	-	-	-
C13146	FH - NE Feeder Hardening	2,340,000	(1,222,000)	1,118,000	FY2011	1,000,000	-	-	-

RAV-46 RESPONSE

MM-200

Distribution & Sub-Transmission Changes to budgeted projects

(8,864,000)
TOTAL ADJUSTMENT

RAV-46

Attachment 1

Exhibit 2

Project Number	Project Description	Project Original FY10 Capital Budget	Budget Adjustment	Project Revised FY10 Capital Budget	Does project have dollars in Plan? If so when does cash flow begin (FY11-FY14)	Capital Amount BUDGETED			
						Fiscal Year 2011	Fiscal Year 2012	Fiscal Year 2013	Fiscal Year 2014
C13266	IE - NE Redosier Installations	2,656,000	(24,000)	2,632,000	FY2011	1,650,000	2,000,000	2,000,000	3,333,000
C15828	IE - NE Dist Transformer Upgrades	597,000	(147,000)	450,000	FY2011	1,500,000	1,534,000	2,533,000	3,217,000
C18991	Port Henry 51 - Convert Westport	348,000	(348,000)	-	FY2011	350,000	-	-	-
C27564	Battenkill-Cambridge 34.5kv Refurb	250,000	(100,000)	150,000	FY2011	1,100,000	1,000,000	-	-
C28022	Sycaway-add new feeders	558,000	(408,000)	150,000	FY2011	270,000	-	-	-
C28023	Reynolds Rd - add new feeders	698,000	(620,000)	75,000	FY2011	630,000	-	-	-
C28765	Johnson 35251 - gateway replacement	84,000	(84,000)	-	FY2011	90,000	-	-	-
C28772	Inman Rd - add new feeders	263,000	(223,000)	40,000	FY2011	1,000,000	-	-	-
C28780	Seminole 33904 - add feeder tie	115,000	(115,000)	-	FY2011	100,000	-	-	-
C28781	Riverside 28854 - replace gateway	101,000	(101,000)	-	FY2011	155,000	-	-	-
C28844	Brook Rd 36957 Exten, Adams Road	498,000	(448,000)	50,000	FY2011	473,000	-	-	-
C29113	Brook Road 36954 Gateway cable repl	607,000	(300,000)	307,000	FY2011	400,000	-	-	-
C29434	Middleburg 51 - Tie to Schoharie	169,000	(169,000)	-	FY2011	120,000	-	-	-
C29438	Scofield Rd 53 - Tie to Corinth 51	698,000	(556,000)	143,000	FY2011	800,000	-	-	-
C13145	FH - NC Feeder Hardening	2,340,000	(1,222,000)	1,118,000	FY2011	1,000,000	-	-	-
C13267	IE - NC Redosier Installations	2,656,000	(186,000)	2,470,000	FY2011	1,650,000	2,000,000	2,000,000	3,333,000
C14846	IE - NC Dist Transformer Upgrades	597,000	(147,000)	450,000	FY2011	1,500,000	1,534,000	2,533,000	3,217,000
C22959	NR-W.Adams87554-Church St	39,000	(39,000)	-	FY2011	100,000	-	-	-
C26973	NR-State St 95463-Judson St Rebuild	166,000	(80,000)	86,000	FY2011	160,000	-	-	-
C26977	Doghouse Replacement - Central Div	498,000	(448,000)	50,000	FY2011	125,000	-	-	-
C28017	Trenton-Deerfield 21/27-46kv	500,000	(450,000)	50,000	FY2011	750,000	-	-	-
C28607	Lehigh 68952 Tie With Colosse 32151	398,000	(398,000)	-	FY2011	760,000	-	-	-
C28610	Peterboro Reconductor Main St	175,000	(175,000)	-	FY2011	200,000	-	-	-
C28616	Walesville Reconductor Utica St	61,000	(55,000)	6,000	FY2011	100,000	-	-	-
C28617	Lehigh 68954 Teelin Rd Relocate	178,000	(178,000)	-	FY2011	100,000	-	-	-
C28771	Trenton Whitesboro 25 Reconductor	1,260,000	(1,210,000)	50,000	FY2011	2,000,000	-	-	-
C28816	Chittenango Relief	299,000	(100,000)	199,000	FY2011	300,000	-	-	-
C28820	Park Load Relief	164,000	(124,000)	40,000	FY2011	124,000	-	-	-
C28832	Bartell 56 Orangeport	199,000	(199,000)	-	FY2011	250,000	-	-	-
C28848	Mexico Load Relief	339,000	(150,000)	189,000	FY2011	200,000	-	-	-
C28849	Phoenix Load Relief	279,000	(279,000)	-	FY2011	200,000	-	-	-
C28852	Starr 53 Step Down	253,000	(100,000)	153,000	FY2011	500,000	-	-	-
C29101	NR-N Gouverneur 98352-Rt58 Transfer	50,000	(50,000)	-	FY2011	300,000	-	-	-
C29742	DOTR I-81 bridge reconstruction Syr	187,000	(187,000)	-	FY2011	17,000	-	-	-
C26839	Mercury Vapor Replacement	1,992,000	(1,242,000)	750,000	FY2011	2,500,000	3,000,000	2,800,000	-
C06533	East Golah 51 - Second Bank	-	1,500,000	1,500,000	FY2011	1,379,000	-	-	-
C18595	DxT Substation Dmg/Fail Reserve C36	149,000	101,000	250,000	FY2011	100,000	110,000	125,000	150,000
C22151	NY RTU Program - DxT Subs	-	550,000	550,000	FY2011	1,800,000	1,800,000	1,800,000	2,000,000
C24240	Battery Strategy FY09 CO36 DxT	-	250,000	250,000	FY2011	125,000	125,000	125,000	125,000
C25139	Replace/Relocate 13.8KV SG @Oneida	750,000	1,550,000	2,300,000	FY2011	300,000	1,900,000	-	-
C25639	Buffalo Indoor Sub. #23 Refurb.	2,358,000	1,570,000	3,928,000	FY2011	650,000	-	-	-
C25659	Buffalo Indoor Sub. #52 Refurb.	2,551,000	236,000	2,787,000	FY2011	1,060,000	-	-	-
C25660	Buffalo Indoor Sub. #43 Refurb.	1,738,000	1,600,000	3,338,000	FY2011	950,000	-	-	-
C26418	Sycaway - Add M/C and 13.2kV Bus	747,000	3,000	750,000	FY2011	2,066,000	-	-	-
C26481	S. Newfane 71 - Replace Bank	100,000	550,000	650,000	FY2011	25,000	-	-	-
C26760	NY Small Capital Items	100,000	150,000	250,000	FY2011	100,000	100,000	100,000	100,000
C27323	NR-Morristown 2.5 MVA	299,000	245,000	544,000	FY2011	142,000	-	-	-
C27449	Swann Rd TB2 Replacement	1,245,000	850,000	2,095,000	FY2011	2,200,000	-	-	-
C28485	North Troy Metal Clad Repl.	750,000	1,750,000	2,500,000	FY2011	950,000	-	-	-
C28788	Alps - new dist sub - add feeder	-	100,000	100,000	FY2011	100,000	1,500,000	1,400,000	-
C06724	Buffalo Station 29 Rebuild - 23 kV	250,000	246,000	496,000	FY2011	89,000	-	-	-
C13268	IE - NW Redosier Installations	2,656,000	4,000	2,660,000	FY2011	1,700,000	2,000,000	2,000,000	3,334,000
C13282	IE - NW Cable Replacements	-	800,000	800,000	FY2011	1,000,000	2,000,000	1,000,000	1,500,000
C15724	NYS DOT Ridge Rd Bridge	-	170,000	170,000	FY2011	85,000	-	-	-
C16119	IE - NW ERR and Fuse	-	325,000	325,000	FY2011	400,000	400,000	400,000	400,000
C25940	Batavia-Attica 206-34.5kv	-	100,000	100,000	FY2011	2,500,000	500,000	-	-

RAV-46 RESPONSE

MM-206

Distribution & Sub-Transmission Changes to budgeted projects

(8,864,000)

TOTAL ADJUSTMENT

RAV-46

Attachment 1

Exhibit 2

Project Number	Project Description	Project Original FY10 Capital Budget	Budget Adjustment	Project Revised FY10 Capital Budget	Does project have dollars in Plan? If so when does cash flow begin (FY11-FY14)	Capital Amount BUDGETED:			
						Fiscal Year 2011	Fiscal Year 2012	Fiscal Year 2013	Fiscal Year 2014
C26379	Attica12-Rebuild,Xler F1263 to 0158	-	1,300,000	1,300,000	FY2011	800,000	800,000	-	-
C26639	Seneca Niagara Casino Relocation NF	-	400,000	400,000	FY2011	50,000	-	-	-
C27062	East Golah 51 - Secondary Breakers	-	1,000,000	1,000,000	FY2011	700,000	-	-	-
C27946	Buffalo Station 52 Rebuild - 23 kV	250,000	12,000	262,000	FY2011	200,000	-	-	-
C29485	Relocate and tap Line 856 to ECWA	-	113,000	113,000	FY2011	50,000	-	-	-
C30685	Wal-Mart Sheridan Dr. - New Service	-	498,000	498,000	FY2011	346,000	-	-	-
CNW021	West NY-Dist-Telecomm Blanket	-	8,000	8,000	FY2011	10,000	10,000	10,000	10,000
C06679	Boydtonville 51 Regulators	-	150,000	150,000	FY2011	50,000	-	-	-
C07477	Northville 52 - Convert N. Shore Rd	-	132,000	132,000	FY2011	100,000	-	-	-
C07482	Battenkill 34257 - Rebuild/convert	-	80,000	80,000	FY2011	125,000	-	-	-
C10164	Schuylerville 12- Reconducter Rt 29	-	200,000	200,000	FY2011	200,000	-	-	-
C11099	IE - NE Cable Replacements	-	500,000	500,000	FY2011	1,000,000	1,000,000	1,000,000	1,500,000
C11818	McClellan-Bevis #11 34.5kV Prel Eng	500,000	500,000	1,000,000	FY2011	700,000	-	-	-
C16072	Maplewood-Latham #9 Refurb	50,000	1,150,000	1,200,000	FY2011	400,000	-	-	-
C16079	Riv-Part #9 and #37 repl cable	800,000	310,000	1,110,000	FY2011	500,000	-	-	-
C16117	IE - NE ERR and Fuse	-	450,000	450,000	FY2011	400,000	400,000	400,000	400,000
C16234	Vischer - Woodlawn #3 refurbish	-	750,000	750,000	FY2011	100,000	-	-	-
C16237	Gloversville-Hill St #3 Refurbish	-	800,000	800,000	FY2011	100,000	-	-	-
C19272	Caroga - Gville 53 Feeder Tie	597,000	759,000	1,356,000	FY2011	175,000	-	-	-
C20691	Selkirk - Bethlehem Tie	-	50,000	50,000	FY2011	40,000	-	-	-
C24233	Primary service for Taconic Farms	-	350,000	350,000	FY2011	500,000	-	-	-
C26636	Greenbush-Rensselaer#10 Rebuild	500,000	36,000	536,000	FY2011	125,000	-	-	-
C26876	Corinth 52 - Eastern Ave. Rebuild	-	60,000	60,000	FY2011	900,000	-	-	-
C26877	Guy Park Retirement Dist. Line	-	255,000	255,000	FY2011	50,000	-	-	-
C26902	Lape - Snyders Lake Tie	-	255,000	255,000	FY2011	100,000	-	-	-
C28791	Krumkill 51 Russell Rd convert	374,000	1,000	375,000	FY2011	67,500	-	-	-
C28825	Krumkill Voorheesville Tie	60,000	190,000	250,000	FY2011	500,000	-	-	-
C28843	Church St 04358 exten.	199,000	141,000	340,000	FY2011	141,000	-	-	-
C29452	Crescent -School St/N. Troy 17/20	-	100,000	100,000	FY2011	100,000	-	-	-
C30825	372 Battenkill Bridge - DOT	-	145,000	145,000	FY2011	125,000	-	-	-
C31318	DOT Albany, Fuller Rd.	-	323,000	323,000	FY2011	100,000	-	-	-
C31543	DOT Amsterdam, Bridge St.	-	350,000	350,000	FY2011	320,000	-	-	-
C31602	Bolton 52 - Convert Valley Woods Rd	-	200,000	200,000	FY2011	250,000	-	-	-
CNE021	East NY-Dist-Telecomm Blanket	-	8,000	8,000	FY2011	10,000	10,000	10,000	10,000
C00194	NR-Distr-8043.08-CuNaph(soleowned)	-	538,000	538,000	FY2011	60,000	-	-	-
C00413	Schuyler-Valley 21/24	150,000	600,000	750,000	FY2011	1,000,000	-	-	-
C07804	Rathbun-Labrador #39 Rebuild	50,000	1,450,000	1,500,000	FY2011	1,000,000	1,000,000	-	-
C07814	Lowville-Boonville #22 Rebuild	200,000	600,000	800,000	FY2011	1,500,000	-	-	-
C13046	Lake Clear-Tupper Lake #38 Rebuild	420,000	280,000	700,000	FY2011	1,000,000	2,000,000	1,000,000	-
C13822	IE - NC Cable Replacements	-	150,000	150,000	FY2011	1,000,000	1,500,000	1,000,000	1,500,000
C16118	IE - NC ERR and Fuse	-	250,000	250,000	FY2011	400,000	400,000	400,000	400,000
C26969	Bombay-Spencer's Corners#22 Recond	-	750,000	750,000	FY2011	500,000	-	-	-
C28590	Gilbert Mills 51 Rebuild due to QRS	398,000	5,000	403,000	FY2011	550,000	-	-	-
C28608	McGraw 69 Low Voltage improvement	53,000	18,000	71,000	FY2011	450,000	-	-	-
C28847	Fairdale Load Relief	264,000	62,000	326,000	FY2011	300,000	-	-	-
C28854	Cortland 02 Relief	209,000	49,000	258,000	FY2011	100,000	-	-	-
C28942	WHITESBR-SCHUYLER 29/YAH-WHITSBRO 23	-	50,000	50,000	FY2011	450,000	-	-	-
C31554	DOT PIN3045.55 Rt104 Osw-Senba	-	8,000	8,000	FY2011	200,000	-	-	-
CNC021	Cent NY-Dist-Telecomm Blanket	-	8,000	8,000	FY2011	10,000	10,000	10,000	10,000
CN3620	NiMo Transformer Purchases	23,879,000	1,000	23,880,000	FY2011	26,800,000	29,900,000	32,500,000	34,500,000

/----- RAV-46 RESPONSE ----- \

MM-200

Distribution & Sub-Transmission Changes to budgeted projects
 (8,864,000)
 TOTAL ADJUSTMENT

RAV-46
 Attachment 1
 Exhibit 2

Project Number	Project Description	Project Original FY10 Capital Budget	Budget Adjustment	Project Revised FY10 Capital Budget	Does project have dollars in Plan? If so when does cash flow begin (FY11-FY14)	Capital Amount BUDGETEDs			
						Fiscal Year 2011	Fiscal Year 2012	Fiscal Year 2013	Fiscal Year 2014