

Date of Request: July 17, 2012
Due Date: July 27, 2012

Request No. DPS-426 (JJA-04)
NMPC Req. No. NM-591

NIAGARA MOHAWK POWER CORPORATION
Case No. 12-E-0201 and 12-G-0202 - Niagara Mohawk Power Corporation
d/b/a National Grid - Electric and Gas Rates

Request for Information

FROM: Jerry Ancona
TO: Infrastructure and Operations Panel
SUBJECT: NY Spare Transformers - Transformer Replacement Program
REFERENCE: [Book 27, Exhibit EIOP-6, pgs. 7-8 of 127]

REQUEST:

With respect to NY Spare Transformers/Transformer Replacement Program, please provide the following:

- 1) For *each* of the eight spares mentioned on pg. 7 of 127 (of EIOP-6), the: (a) primary and secondary (and tertiary, if any) voltage ratings; (b) the MVA rating(s); (c) the individual cost; and (d) the location at which it is or will be stored and/or installed;
- 2) Following the delivery of the aforementioned eight spares, a description of each transformer (rated at 34.5 kV and above on the *primary* side) for which no spare will exist; including a listing of that transformer's: (a) primary and secondary voltage ratings; (b) MVA rating(s); (c) location; (d) unique impedances and/or other special requirements if relevant; and (e) potential for contributing to loss of load as a result of an N-1 loss of that transformer;
- 3) For each Niagara Mohawk *spare* transformer (rated at 34.5 kV and above on the *primary* side) including the eight aforementioned new spares, the transformer's: (a) primary and secondary voltage ratings; (b) the MVA rating(s); (c) the location at which it is stored and/or installed; (d) whether the spare is electrically connected serving load*, electrically connected with no load, or not electrically connected but tested on a regular basis; (e) whether it is a mobile spare or "non-mobile"; (f) the number of in-service transformers for which it acts as a spare; (g) whether the spare is a "one-of-a-kind", or whether it is a duplicate; and (h) special features, limitations, and attributes (*this list should include transformers that are currently serving load, but which can be removed from service and relocated without resulting in loss of load at its original location for an N-1 contingency);

- 4) Estimates of the typical time needed to replace a failed transformer with a spare for various classes (voltages and sizes) of transformers;
- 5) A list of particularly problematic transformers which may take longer than typical to install a replacement spare due to physical, transportation, retrofit or other special problems (including their location, primary/secondary/tertiary (if any) voltages, MVA rating(s), specific replacement issues/challenges, and estimated replacement times);
- 6) An estimate of the full lead time needed to procure a new replacement transformer for various classes (voltages and MVA ratings) commencing with the failure of an existing transformer;
- 7) For the next 10 years (through 2022), an estimate of new transformers (rated at 34.5 kV and above on the *secondary* side) likely to be needed for both load growth and replacements listed in terms of: (a) number of each type/class needed; (b) primary and secondary (and tertiary, if any) voltage ratings; (b) MVA rating(s); (c) whether anticipated for load growth or replacements; and (d) unique/special features and attributes needed;
- 8) An update copy (if any) of the Company's spare transformer analysis as was specified in SG047, and which was due in 2009;
- 9) An explanation of whether the Company has made any accommodations to provide/loan spare transformers (34.5 kV and above on the *primary* side) to customers or other utilities for their transformer failures;
- 10) An explanation of whether the Company has arrangements with other utilities or vendors to temporarily borrow/rent or permanently procure replacement transformers (or jointly share in the procurement of spare transformers) in the event of a Company transformer failure;
- 11) An explanation of whether the Company has undertaken or plans to undertake an initiative to focus on expediting replacement of failed transformers (and other major transmission equipment) by reviewing industry best practices, preparing as much as practical in advance, and working to improve the change-out process with comprehensive operational drills.

RESPONSE:

1a – 1d. Please refer to the table below for the requested information:

Voltage (kV)	MVA	Cost	Storage/Installed Location
115-69-13.8	33.6/44.8/56	\$885,137	Riverside Substation - Albany, NY
115-34.5	30/40/50	\$714,178	Henry Clay Blvd. Service Center - Liverpool, NY
115-23	30/40/50	\$865,912	Gardenville Substation - West Seneca, NY
115-13.8	24/32/40	\$923,491	Henry Clay Blvd. Service Center - Liverpool, NY
115-34.5	15/20/25	\$454,232	Gardenville Substation - West Seneca, NY
115-23	10/12.5	\$360,768	Henry Clay Blvd. Service Center - Liverpool, NY
115-46	7.5/9.375	\$378,091	Henry Clay Blvd. Service Center - Liverpool, NY
115-5.04	7.5/9.375	\$465,595	Henry Clay Blvd. Service Center - Liverpool, NY

Note – prices do not include sales tax.

2a – 2e.

Please refer to Attachment 1 for the requested information.

3a – 3h.

Please refer to Attachment 2 for the requested information.

4. The typical time to replace a failed transformer with a spare unit is as follows:

<u>Size</u>	<u>Estimated time</u>
230/345kV	1 month
115kV	2-3 weeks
34.5/69kV	1-2 weeks

Actual installation times can vary greatly depending on factors such as the extent of damage to surrounding equipment, relocation of conduits, addition of control cables for alarms or protection schemes, travel limitations for the spare transformer over roadways, and, in the case of bulk transformers, the time to assemble and disassemble all ancillary equipment.

5. Please refer to Attachment 3 for a list of transformers that present particular installation challenges due to their configuration. The list includes transformers that are “throat connected” or “self-contained.” Units that are “throat connected” to a metalclad present challenges because each installation is unique. “Self-contained” stations are cases where primary and secondary side breakers are mounted in cubicles that are physically connected to the transformer tank.

6. The typical lead time for a transformer following the failure of an existing unit is as follows:

<u>Size</u>	<u>Typical Primary Voltage</u>	<u>Estimated time</u>
Large power	230/345kV	12-18 months
Medium power	115kV	8-12 months
Small power	34.5kV	6-8 months

7. Please refer to Attachment 4 for the requested information.
8. The results of the updated analysis are provided in Attachment 5, partial sanction paper USSCT 11088. The methodology to determine the optimal number of transformer spares to hold is provided in Attachment 6.
- 9 and 10.

The Company participates in the STEP program sponsored by the Edison Electric Institute Initiative where we commit large banks to other utilities in the event of a terrorist attack. In addition, spare units in the service territory of the Company's New England affiliates may be available in the event a spare is not available. The number of spares for the Niagara Mohawk service territory does not depend on spares being available in New England.

11. The Company presently has a program in place that identifies transformers with condition issues and places them on a "watch list." Transformers on the watch list will receive a risk score and are prioritized for placement on a replacement list. As part of this process, any transformer that will be placed on either list will be reviewed to determine the appropriate contingency plan in the event of an unexpected failure. The review of possible transformer spares and mobile transformer capability is performed for the transformers on either list. In addition, the ability to perform field ties and operate units as an open delta on single-bank units with delta high side windings is reviewed as a possible solution if a problem arises.

The Company is currently involved with the development of a project titled "Contingency Planning Criteria: On site or off site spare equipment/components and mobile transformers/substations," through our membership with CEATI Life Cycle Maintenance of Station Equipment and Apparatus. This project is supported by other utility members and involves a review of industry best practices. The objective of the project is to execute a literature search and utility survey to identify criteria used by utilities to determine requirements for spare equipment, components and how mobile facilities can enhance the process.

National Grid annually reviews the DOT permit requirements for transportation of mobile substations during emergencies to assist in the replacement of failed transformers. In addition, substations are periodically evaluated for mobile substation

installations requirements with regards to access roads, where to physically spot mobile substations to facilitate the electrical connections, and accessibility of heavy equipment to facilitate the replacement of failed transformers. Physical drills of moving equipment are not performed.

Name of Respondent:

Kara Morris
Eileen Duarte
Bill Lobko

Date of Reply:

July 27, 2012

In Service Transformers With No Spares Available

JJA-04
Attachment 1

(a)	(b)	(c)	(d)	(e)	
Voltage (kV)	MVA	Location	Unique impedances and/or other special requirements*	Potential for contributing to loss of load (MVA)	Mobile Available
69-13.8	15	Gloversville Station 4 LTC TRF	n/a	12.70	Y
69-13.8	15	Northville Station 1 LTC TRF	n/a	4.50	Y
69-13.2	10	Florida Station 134 1 LTV TRF	n/a	12.30	Y
69-13.8	7.5	York Center Station 53 1 LTC TRF	n/a	4.60	Y
69-13.8	7.5	Sharon Station 363 1 LTC TRF	n/a	6.10	Y
69-13.8	7.5	Middleburg Station 2 LTC TRF	n/a	7.00	Y
69-13.8	7.5	Delanson 1 LTC TRF	n/a	9.70	Y
69-13.8	7.5	Mayfield 1 LTC TRF	n/a	6.20	Y
69-13.8	7.5	Grand Street Station 1 LTC TRF	n/a	5.70	Y
69-4.16	10	Hill Street 311 1 LTC TRF	n/a	7.50	Y
69-4.16	10	Gloversville 1 LTC TRF	n/a	6.30	Y
69-4.16	10	Johnstown 2 LTC TRF	n/a	4.30	Y
69-4.16	5	Market Hill 1LTC TRF	n/a	4.50	Y
69-4.16	5	Market Hill 2LTC TRF	n/a	4.10	Y
69-4.16	5	Johnstown Station 61 TB 1	n/a	2.90	Y
46-13.8	7.5	Clinton Station 1 LTC TRF	n/a	9.60	Y
46-13.8	10	Sherman Sta. 333 1 LTC TRF	n/a	6.60	Y
46-13.8	10	Poland Sta 621 1 TRF	n/a	1.90	Y
46-13.8	10	Tupper Lake 1 TRF	n/a	0.00	Y
46-4.8	5	Old Forge Station 2 LTC TRF	n/a	2.54	Y
34.5-23	7.5	Mine Rd Station 1 TRF	n/a	0.00	N
34.5-13.8	10	Delaware Ave 2 LTC TRF	n/a	4.70	Y
34.5-13.8	10	Wilton Sta 1 LTC TRF	n/a	12.55	Y
34.5-13.8	10	Birch Ave 1 LTC TRF	n/a	11.92	Y

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Voltage (kV)	MVA	Location	Unique impedances and/or other special requirements*	Potential for contributing to loss of load (MVA)	Mobile Available
34.5-13.8	10	Bolton Sta 1 LTC TRF	n/a	12.60	Y
34.5-13.8	10	Depot Road 425 1 LTC TRF	n/a	3.40	Y
34.5-13.8	7.5	Veterans Hospital 1 and 2 TRF	n/a	0.00	Y
34.5-13.8	7.5	Ashley Sta 1 LTC TRF	n/a	3.26	Y
34.5-13.8	7.5	Brunswick Sta 1 LTC TRF	n/a	9.00	Y
34.5-13.8	7.5	Commerce Ave 1 LTC TRF	n/a	6.20	Y
34.5-13.8	7.5	Chestertown 1 LTC TRF	n/a	6.17	Y
34.5-13.8	7.5	Corinth Station 1 LTC TRF	n/a	7.77	Y
34.5-13.8	5	Ballina Sta 1 LTC TRF	n/a	6.70	Y
34.5-13.8	5	Colosse Sta 1 LTC TRF	n/a	4.40	Y
34.5-13.8	5	Fort Gage Sta 2 LTC TRF	n/a	5.78	Y
34.5-13.8	5	Butts Road 2 TRF	n/a	1.46	Y
34.5-13.8	5	Chasm Falls 852 1 TRF	n/a	1.20	Y
34.5-13.8	5	Emerald Equipment System Station 234 (Rollaway Bearing) 1 TRF	n/a	1.00	Y
34.5-13.8	5	French Mountain 1054 1 TRF	n/a	4.72	Y
34.5-13.8	5	Hudson Falls 88 2 TRF	n/a	4.47	Y
34.5-13.8	5	Liberty St 94 4 LTC TRF	n/a	1.55	Y
34.5-13.8	5	Fisher Ave 270 1 LTC	n/a	7.40	Y
34.5-13.8	5	Fort Covington Sta. 896 2 LTC TRF	n/a	1.99	Y
34.5-13.8	5	Granby Center Sta. 293 1 LTC TRF	n/a	6.10	Y
34.5-13.8	5	Vandalia Sta. 104 1 TRF	n/a	2.00	Y
34.5-13.8	5	East Worcester Sta. 430 3 TRF	n/a	1.00	Y
34.5-13.8	3.75	French Creek 1 TRF	n/a	4.78	Y

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Voltage (kV)	MVA	Location	Unique impedances and/or other special requirements*	Potential for contributing to loss of load (MVA)	Mobile Available
34.5-13.8	3.75	Geneseo Sta 55 1 TRF	n/a	2.50	Y
34.5-13.8	3.75	North Eden Sta 82 1 TRF	n/a	4.30	Y
34.5-13.8	3.75	Station 146 1 TRF	n/a	2.61	Y
34.5-13.8	3.75	West Albion 79 1 TRF	n/a	6.01	Y
34.5-13.8	3.75	Station 207 Wade Rd 1 TRF [Slade]	n/a	0.00	Y
34.5-13.8	3.75	Butts Rd Sta 72 1 TRF	n/a	3.73	Y
34.5-13.8	3.75	Sheppard Rd 29 1 TRF	n/a	4.80	Y
34.5-4.4	12	Fayette St. Sta.1 and 2 LTC TRF	n/a	8.30	Y
34.5-4.4	12	Fayette St. Sta.1 and 2 LTC TRF	n/a	4.10	Y
34.5-4.4	10	Partridge Street 1 LTC TRF	n/a	4.90	Y
34.5-4.4	10	Partridge Street 2 LTC TRF	n/a	6.30	Y
34.5-4.4	7.5	Ash Street 223 7 LTC TRF	n/a	6.50	Y
34.5-4.4	7.5	Ash Street 223 8 LTC TRF	n/a	4.50	Y
34.5-4.4	7.5	Ash Street 223 9 LTC TRF	n/a	0.00	Y
34.5-4.4	7.5	Elsmere 407 1 LTC TRF	n/a	4.60	Y
34.5-4.4	7.5	Westvale 133 1 LTC TRF	n/a	3.80	Y
34.5-4.4	5	Frewsburg Sta 69 1 LTC TRF	n/a	7.47	Y
34.5-4.4	5	Buckley Rd Sta 140 1 LTC TRF	n/a	3.20	Y
34.5-4.4	5	Attica Sta 12 1 TRF	n/a	7.80	Y
34.5-4.4	5	Schuylerville Sta 39 3 TRF	n/a	4.72	Y
34.5-4.4	3.75	Emmet St. Sta 256 1 LTC TRF	n/a	1.80	Y
34.5-4.4	3.75	Emmet St. Sta 256 2 LTC TRF	n/a	3.50	Y
34.5-4.4	3.75	Parish Sta 49 1 TRF	n/a	2.00	Y
115-12	24/32/40	Ash Street Station 223	n/a	0.00	Y

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Voltage (kV)	MVA	Location	Unique impedances and/or other special requirements*	Potential for contributing to loss of load (MVA)	Mobile Available
115-12	24/32/40	Ash Street Station 223	n/a	0.00	Y
115-12	25/33.33	Gibson Station 106	n/a	0.00	Y
115-12	25/33.33	Gibson Station 106	n/a	0.00	Y
115-12	7.5	Lockport Station	n/a	0.00	N
115-12	30/40	Harper Station	n/a	0.00	Y
115-12	30/40	Harper Station	n/a	0.00	Y
115-13.8	2.5/3.13	Sunday Creek Station 876	n/a	1.26	Y
115-13.8-4.8	5/5.6	Saint Johnsville Station 335	n/a	0.00	Y
115-13.8-4.8	7.5/9.375	Saint Johnsville Station 335	n/a	0.00	Y
115-34.5	7.5/9.375	Homer Hill Switch Structure	n/a	0.00	Y
115-34.5	7.5/9.375	Homer Hill Switch Structure	n/a	0.00	Y
115-23	20/26.7/33.3	Taylorville Station 770	n/a	0.00	Y
115-23	15/20/25	McIntyre Station 969	n/a	0.00	Y
115-23	15/20/25	Black River Station 70	n/a	0.00	Y
115-23	15/20/25	North Carthage Station 816	n/a	0.00	Y
115-23	16/20/22.4	Kenmore Terminal Station 158	n/a	0.00	Y
115-23	12/16/2020	McIntyre Station 969	n/a	0.00	Y
115-23	16/20/22.4	Kenmore Terminal Station 158	n/a	0.00	Y
115-23	25	Station 078	n/a	0.00	Y
115-23	15	Station 078	n/a	0.00	Y
115-23	15	Station 078	n/a	0.00	Y
115-23	15/25	Indian River Station 323	n/a	4.94	Y
115-23	15/20/25	Coffeen Street Station 760	n/a	0.00	Y
115-23	15/20/25	Coffeen Street Station 760	n/a	0.00	Y

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Voltage (kV)	MVA	Location	Unique impedances and/or other special requirements*	Potential for contributing to loss of load (MVA)	Mobile Available
115-24	12/16/2020	Lowville Station 773	n/a	0.00	Y
115-23-4.16	7.5	Station 078	n/a	0.00	Y
115-23-4.16	7.5	Station 078	n/a	0.00	Y
115-23	7.5/9.375	Balmat Station 904	n/a	6.00	Y
115-23	7.5/9.4	Battle Hill Station 949	n/a	0.00	Y
115-23	7.5/9.375/10.5	Boonville Station 707	n/a	0.00	Y
115-4.16	3.75/4.687	Station 139 - Martin Rd	n/a	0.00	Y
115-4.16	3.75/4.687	Station 139 - Martin Rd	n/a	0.00	Y
115-4.16	3.75	Station 142	n/a	4.00	Y
115-4.16	3.75	Station 154	n/a	0.00	Y
115-4.16	3.75	Station 154	n/a	0.00	Y
115-4.16	3.75/4.687	Station 055	n/a	0.00	Y
115-4.16	3.75/4.687	Station 055	n/a	0.00	Y
115-5	3.75/4.68	Otten Station 412	n/a	1.14	Y
115-5	3.75	Comstock Station 48	n/a	0.92	Y
115-4.16	7.5/9.4	Station 061	n/a	0.00	Y
115-4.16	7.5/9.4	Station 054	n/a	3.10	Y
115-4.16	7.5/9.375	Station 129 - Brompton Rd	n/a	0.00	Y
115-4.16	7.5/9.375	Station 061	n/a	0.00	Y
115-4.33-2.5	7.5/9.375	Station 129 - Brompton Rd	n/a	0.00	Y
115-4.16	7.5/9.375	Station 054	n/a	0.00	Y
115-4.16	12.5	Station 133 - Dupont	n/a	7.00	Y
115-4.16	7.5/9/375	Station 214 - Youngs St	n/a	7.60	Y
115-4.16	7.5	Station 155 - Worthington	n/a	4.12	Y

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(a)	(b)	(c)	(d)	(e)	
Voltage (kV)	MVA	Location	Unique impedances and/or other special requirements*	Potential for contributing to loss of load (MVA)	Mobile Available
115-4.36	5/6.25/7	Lapp Station 26	n/a	2.30	Y
115-2.4	10/12.5	Sealright Station 273	n/a	5.50	Y
115-4.16	7.5/9.375	Valley Station 594	n/a	0.00	Y
115-4.16	7.5/9.375	Valley Station 594	n/a	0.00	Y
115-4.4	7.5/9.375	Menands Station 101	n/a	0.00	Y
230-23	60/80/100	Sawyer Avenue Station	n/a	0.00	N
230-23	60/80/100	Sawyer Avenue Station	n/a	0.00	N
230-23	60/80/100	Sawyer Avenue Station	n/a	0.00	N
240-24	50.4/67.2/84	Elm Street Station	n/a	0.00	N
240-24	50.4/67.2/84	Elm Street Station	n/a	0.00	N
240-24	50.4/67.2/84	Elm Street Station	n/a	0.00	N
345-230-13.2	340/443	Edic Station 662	n/a	0.00	N

* - National Grid uses typical industry standard impedances for these transformers

Spare Transformer Information

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Equipment ID	Voltage (kV)	MVA	Storage/Installed Location	Electrically connected serving load, w/ no load, or not electrically connected but tested on a regular basis	Mobile spare or "non-mobile"	No. of in-service trfs for which it acts as a spare	"One-of-a-kind" or duplicate	Special features, limitations, & attributes
On order	115-69-13.8	33.6/44.8/56	Riverside	Not electrically connected	Non-mobile	6	Duplicate	n/a
On order	115-46	7.5/9.375	Henry Clay Boulevard	Not electrically connected	Non-mobile	3	Duplicate	n/a
On order	115-34.5	15/20/25	Gardenville	Not electrically connected	Non-mobile	13	Duplicate	n/a
On order	115-23	30/40/50	Gardenville	Not electrically connected	Non-mobile	10	Duplicate	n/a
On order	115-34.5	30/40/50	Henry Clay Boulevard	Not electrically connected	Non-mobile	19	Duplicate	n/a
On order	115-23	10/12.5	Henry Clay Boulevard	Not electrically connected	Non-mobile	3	Duplicate	n/a
On order	115-13.8	24/32/40	Henry Clay Boulevard	Not electrically connected	Non-mobile	11	Duplicate	n/a
On order	115-5.04	7.5/9.375	Henry Clay Boulevard	Not electrically connected	Non-mobile	2	Duplicate	n/a
On order	115-13.8	7.5/9.375	Henry Clay Boulevard	Not electrically connected	Non-mobile	38	Duplicate	n/a
On order	115-34.4-13.8	30/40/50	Riverside	Not electrically connected	Non-mobile	19	Duplicate	n/a
On order	115-4.33	7.5/9.375	Gardenville	Not electrically connected	Non-mobile	11	Duplicate	n/a
0210079	345-115	268/358/448	Clay Station 229	Not electrically connected	Non-mobile	1	One-of-a-kind	n/a
0210248	115-13.8	13.4/17.9/22.4	Curry Road Station 365	Not electrically connected	Non-mobile	122	Duplicate	n/a
0210319	115-13.8	15/20/25	Gardenville 230 Station	Not electrically connected	Non-mobile	122	Duplicate	n/a
0210271	230-115	200/267/333	Gardenville 230 Station	Not electrically connected	Non-mobile	5	Duplicate	n/a
0210272	230-115	200/267/333	Gardenville 230 Station	Not electrically connected	Non-mobile	5	Duplicate	n/a
0210114	113-34.5	15/20	Golah Station	Not electrically connected	Non-mobile	13	Duplicate	n/a
0221057	115-4.8	2.5/3.13	Madison Station 654	Not electrically connected	Non-mobile	1	One-of-a-kind	n/a
0222253	115-34.5	18/24/30	Mallory Road Station 40	Not electrically connected	Non-mobile	17	Duplicate	n/a
0245942	115-34.5	10	Oswego Switch Yard	Not electrically connected	Non-mobile	16	Duplicate	n/a
0210269	230-115	75/100/125	Packard Station	Not electrically connected	Non-mobile	6	Duplicate	n/a
0210274	230-115	200/267/333	Porter Station 657	Not electrically connected	Non-mobile	5	Duplicate	n/a
0210237	115-13.8	15/20/25	Riverside Station 288	Not electrically connected	Non-mobile	122	Duplicate	n/a
0222430	115-34.5	6.7/8.9	Rotterdam Station 138	Not electrically connected	Non-mobile	7	Duplicate	n/a
0222274	115-13.8	18	S/C - Henry Clay Blvd.	Not electrically connected	Non-mobile	56	Duplicate	n/a
0210320	115-13.8	20/26.67/33.33	S/C - Henry Clay Blvd.	Not electrically connected	Non-mobile	56	Duplicate	n/a
0210289	115-23	15/20/25	S/C - Henry Clay Blvd.	Not electrically connected	Non-mobile	13	Duplicate	n/a
0210137	115-34.5	12.5/16.67	S/C - Henry Clay Blvd.	Not electrically connected	Non-mobile	13	Duplicate	n/a
0210249	115-34.5	15/20/25	S/C - Henry Clay Blvd.	Not electrically connected	Non-mobile	19	Duplicate	n/a
0210201	115-46	20/26/33	S/C - Henry Clay Blvd.	Not electrically connected	Non-mobile	11	Duplicate	n/a
0221134	115-34.5	7.5/9.375	Voorhees Station 83	Not electrically connected	Non-mobile	2	Duplicate	n/a
On order	69-13.8	12/16/20	Riverside	Not electrically connected	Non-mobile	9	Duplicate	n/a
0220479	34.5-13.8	5	S/C - Fredonia	Not electrically connected	Non-mobile	5	Duplicate	n/a

Spare Transformer Information

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Equipment ID	Voltage (kV)	MVA	Storage/Installed Location	Electrically connected serving load, w/ no load, or not electrically connected but tested on a regular basis	Mobile spare or "non-mobile"	No. of in-service trfs for which it acts as a spare	"One-of-a-kind" or duplicate	Special features, limitations, & attributes
0247756	34.5-13.8	.333	Dewey Ave Storage Yard	Not electrically connected	Non-mobile	1	One-of-a-kind	n/a
0247757	34.5-13.8	.333	Dewey Ave Storage Yard	Not electrically connected	Non-mobile	1	One-of-a-kind	n/a
0247758	34.5-13.8	.333	Dewey Ave Storage Yard	Not electrically connected	Non-mobile	1	One-of-a-kind	n/a
0247755	34.5-13.8	.333	Gardenville 230 Station	Not electrically connected	Non-mobile	1	One-of-a-kind	n/a
0247881	34.5-13.8	.75	Riverside Station 288	Not electrically connected	Non-mobile	7	Duplicate	n/a
0250194	34.5-13.8	3.750	Dewey Ave Storage Yard	Not electrically connected	Non-mobile	8	Duplicate	n/a
0221739	34.5-4.16	.833	S/C - North Albany	Not electrically connected	Non-mobile	2	Duplicate	n/a
0220097	34.5-4.16	2.5	Gardenville 230 Station	Not electrically connected	Non-mobile	3	Duplicate	n/a
0210257	34.5-4.8	5/6.25	S/C - Henry Clay Blvd.	Not electrically connected	Non-mobile	13	Duplicate	n/a
0210298	34.5-4.8	5	Riverside Station 288	Not electrically connected	Non-mobile	3	Duplicate	n/a
0210250	34.5-4.8	1.5/1.725	Gardenville 230 Station	Not electrically connected	Non-mobile	9	Duplicate	n/a
0245684	34.5-4.8	.5	S/C - Batavia	Not electrically connected	Non-mobile	21	Duplicate	n/a
0245663	34.5-4.8	1	Dewey Ave Storage Yard	Not electrically connected	Non-mobile	11	Duplicate	n/a
0221298	34.5-4.8	1.25	S/C - Potsdam	Not electrically connected	Non-mobile	16	Duplicate	n/a
0220440	34.5-4.8	1.5	Lyndonville Station 95	Not electrically connected	Non-mobile	15	Duplicate	n/a
0220441	34.5-4.8	1.5	Lyndonville Station 95	Not electrically connected	Non-mobile	15	Duplicate	n/a
0210117	34.5-4.8	2.5	S/C - Potsdam	Not electrically connected	Non-mobile	22	Duplicate	n/a
0220349	34.5-4.8	3.75	Gardenville 230 Station	Not electrically connected	Non-mobile	8	Duplicate	n/a
0210235	46-4	10/13.3/14.9	S/C - Champion Road	Not electrically connected	Non-mobile	6	Duplicate	n/a
0210254	34.4	3.75/4.2	S/C - Henry Clay Blvd.	Not electrically connected	Non-mobile	6	Duplicate	n/a
0210297	34.4-13.2-7.62	7.5/8.4	Riverside Station 288	Not electrically connected	Non-mobile	3	Duplicate	n/a
0210104	34.4-4.16	5/6.25	Ballston Station 12	Not electrically connected	Non-mobile	4	Duplicate	n/a
0250351	34.5 -.277/.480	2.0	Riverside Station 288	Not electrically connected	Non-mobile	1	One-of-a-kind	n/a
0220328	34.5-0.48	1.5/1.725	Dewey Ave Storage Yard	Not electrically connected	Non-mobile	1	One-of-a-kind	n/a
0221865	69-4.8	2.5	Canajoharie Station 31	Not electrically connected	Non-mobile	3	Duplicate	n/a

* - This list does not include transformers that are currently serving load, but which can be removed from service and relocated without resulting in loss of load at its original location for an N-1 contingency. That is not part of the planning criteria at National Grid.

Unique Transformer Installations

Substation Name	Voltage (kV)	MVA	Specific Replacement Issues/ Challenges	Estimated replacement times*
Buffalo Station 61 TB1	115-4.16-2.4	7.5/9.375	Throat connected	1-2 days
Buffalo Station 61 TB2	115-4.16-2.4	7.5/9.375	Throat connected	1-2 days
Buffalo Station 140 TB1	115-13.2	18/20.2/33.6	Throat connected	1-2 days
Buffalo Station 140 TB2	115-13.8	18/20.2/33.6	Throat connected	1-2 days
Buffalo Station 212 TB1	115-13.2	15/20/25	Throat connected	1-2 days
Buffalo Station 212 TB2	115-13.2	15/20/25	Throat connected	1-2 days
University Station 81 TB 1	115-13.8	12/13.4	Throat connected	1-2 days
State Street TB 1	23-4.8	3/3.75	Throat connected	1-2 days
State Street TB 2	23-4.8	3/3.75	Throat connected	1-2 days
Mill Street TB 1	23-4.8	5/6.25	Throat connected	1-2 days
Mill Street TB 2	23-4.8	5/6.25	Throat connected	1-2 days
Mill Street TB 3	23-4.8	5/6.25	Throat connected	1-2 days
Alder Creek TB 2	43.8/13.8	3.75/4.2	Throat connected	1-2 days
Arnold TB 1	43.8/13.8	5/6.250	Throat connected	1-2 days
Arnold TB 2	46-4.16	5/6.250	Throat connected	1-2 days
Conkling TB 1	43.8/4.36	5/6.25	Throat connected	1-2 days
Levitt TB 1	115-4.8	7.5/9.375	Throat connected	1-2 days
Oneida TB 3	115-13.8	12/16/22.4	Throat connected	1-2 days
Oneida TB 4	115-13.8	15/20/25	Throat connected	1-2 days
Pleasant TB 1	43.8-4.360	5/6.25	Throat connected	1-2 days
Pleasant TB 2	43.8-4.36	5/6.25	Throat connected	1-2 days
Terminal TB 2	115-13.8	27/36/45	Throat connected	1-2 days
Valley TB 1	115-4.16	7.5/9.375	Throat connected	1-2 days
Valley TB 2	115-4.16	7.5/9.375	Throat connected	1-2 days
West Herkimer TB 1	46-13.8	5/6.25/7	Throat connected	1-2 days
Whitesboro TB 2	46-4.16	5/6.25	Throat connected	1-2 days
Buckley TB 1	34.5-4.8	5/6.25	Throat connected	1-2 days
Galeville TB 1	34.5-4.16	5	Throat connected	1-2 days
Dorwin TB 2	34.5-4.16	5	Throat connected	1-2 days
Lorings TB 1	34.5-13.8	3.75/4.69/5.25	Throat connected	1-2 days
Tuller Hill TB 1	115-13.8	5/6.25	Throat connected	1-2 days
East Syracuse TB 1	34.5-4.16	5/6.3	Throat connected	1-2 days
Midler TB 1	34.5-4.16	5/6.25	Throat connected	1-2 days
Park Street TB 1	34.5-4.16	5/6.25	Throat connected	1-2 days
Ash Street TB 1	115-12	24/32/40	Throat connected	1-2 days
Ash Street TB 2	115-12	24/32/40	Throat connected	1-2 days
Ash Street TB 7	34.5-4.16	7.5/9.375	Throat connected	1-2 days
Ash Street TB 8	34.5-4.16	7.5/9.4	Throat connected	1-2 days
Ash Street TB 9	34.5-4.16	7.5/9.4	Throat connected	1-2 days
Fayette Street TB 1	34.5-4.16	12/16/20	Throat connected	1-2 days

Unique Transformer Installations

Substation Name	Voltage (kV)	MVA	Specific Replacement Issues/ Challenges	Estimated replacement times*
Fayette Street TB 2	34.5-4.16	12/16/20	Throat connected	1-2 days
Glenwood TB 1	34.5-4.16	5/6.25	Throat connected	1-2 days
Hinsdale TB 1	34.5-4.16	5/6.25	Throat connected	1-2 days
Niles TB 2	34.5-13.8	3.75/4.69/5.25	Throat connected	1-2 days
Temple TB 1	115-13.8	24/32/40/44.8	Throat connected	1-2 days
Temple TB 2	115-13.8	24/32/40/44.8	Throat connected	1-2 days
Granby TB 1	34.5-13.8	5/6.25	Throat connected	1-2 days
Sandy Creek TB 2	34.5-13.8	5/6.25	Throat connected	1-2 days
Ashley TB 1	34.5-13.2	7.5/9.375	Self-Contained **	1-2 days
Birch Ave TB 1	34.5-13.2	10/12.5	Self-Contained **	1-2 days
Buckley Corners TB 1	115-13.2	8.4/10.5	Self-Contained **	1-2 days
McClellan St TB 1	34.5-13.2	10/12.5	Self-Contained **	1-2 days
Unionville TB 1	34.5-13.2	10/12.5	Self-Contained **	1-2 days
Newark St TB 1	34.5-13.2	10/12.5	Self-Contained **	1-2 days
Newark St TB 2	34.5-13.2	10/12.5	Self-Contained **	1-2 days
Oathout TB 1	34.5-13.2	10/12.5	Self-Contained **	1-2 days
Weaver St TB 1	34.5-13.2	10/12.5	Self-Contained **	1-2 days
Avenue A TB 1	34.5-4.16	6.3	Throat connected	1-2 days
Avenue A TB 2	34.5-4.16	6.3	Throat connected	1-2 days
Delmar TB 1	34.5-4.8	6.3	Throat connected	1-2 days
Delmar TB 2	34.5-4.8	6.3	Throat connected	1-2 days
Delaware Ave TB 1	34.5-4.16	7	Throat connected	1-2 days
Emmet St TB 1	34.5-4.16	10	Throat connected	1-2 days
Emmet St TB 2	34.5-4.16	10	Throat connected	1-2 days
Genessee St TB 1	34.5-4.16	7	Throat connected	1-2 days
Genessee St TB 2	34.5-4.16	7	Throat connected	1-2 days
Henry St TB 1	34.5-4.16	6.3	Throat connected	1-2 days
Henry St TB 2	34.5-4.16	6.3	Throat connected	1-2 days
Karner TB 1	34.5-4.16	5	Throat connected	1-2 days
Karner TB 2	34.5-4.16	5	Throat connected	1-2 days
Market Hill TB 1	34.5-4.16	6.3	Throat connected	1-2 days
Market Hill TB 2	34.5-4.16	6.3	Throat connected	1-2 days
McCrea St TB 1	34.5-4.16	3.8	Throat connected	1-2 days
Newtonville TB 1	34.5-4.16	6.3	Throat connected	1-2 days
Newtonville TB 2	34.5-4.16	7	Throat connected	1-2 days
Partridge St TB 1	34.5-4.16	12.5	Throat connected	1-2 days
Partridge St TB 2	34.5-4.16	12.5	Throat connected	1-2 days
Scotia TB 1	34.5-4.16	5.6	Throat connected	1-2 days
Scotia TB 2	34.5-4.16	6.3	Throat connected	1-2 days
Seminole	34.5-4.16	5.12	Throat connected	1-2 days

Unique Transformer Installations

Substation Name	Voltage (kV)	MVA	Specific Replacement Issues/ Challenges	Estimated replacement times*
Tibbits TB 1	34.5-4.16	6.3	Throat connected	1-2 days
Trinity TB 4	34.5-4.16	56	Throat connected	1-2 days
Trinity TB 6	34.5-4.16	56	Throat connected	1-2 days
Trinity TB 7	34.5-4.16	9.4	Throat connected	1-2 days

Notes:

* - Estimate based on time to install a mobile sub or pick up load on field ties.

** - Self-contained substations where a 34.5kV breaker cubicle and a low side metalclad cubicle are directly connected to the transformer tank.

New Transformers Expected Over The Next Ten Years

(a)	(b)	(c)		(d)	(e)
Quantity	Voltage (kV)	MVA	Location	Growth (G) or Replacement (R)	Unique/special features & attributes needed
2	115-13.8	24/32/40	Teall Ave.	R	12 single phase units replaced with two 3-phase banks
2	115-34.5	24/32/40	Teall Ave.	R	12 single phase units replaced with two 3-phase banks
2	115-23	30/40/50	Seneca Terminal	R	n/a
2	230-23	60/80/100	Seneca Terminal	R	n/a
2	115-23	30/40/50	Kensington Terminal	R	n/a
2	115-23	20/26/33	Batavia	R	n/a
2	230-115-13.8	200/267/333	Rotterdam	R	n/a
3	115-34.5-13.8	15/20/25	Rotterdam	R & G	3 single phase units replaced with one 3-phase bank
1	115	239	Inghams	R	n/a
2	115-34.5	15/20/25	Lighthouse Hill	R & G	n/a
2	69-34.5	7.5/9.375	Golah Station	R	n/a
2	115-13.2	24/32/40	Oneida	R	n/a
1	115-13.2	30/40/50	Greenbush	R	n/a
1	345-115	268.8/358/448	Five Mile Road	G	n/a
2	230-115-25	200/267/333 - 67	Gardenville	R	n/a
1	230-115	200/267/333	Eastover Rd	G	n/a
2	115-13.2	24/32/40	Wetzel	G	n/a
2	115-13.2	24/32/40	Frankhauser	G	n/a
1	115-115	156/156	Inghams	R	Phase angle regulator
1	115-13.2	15/20/25	N. Leroy	R	n/a
1	115-12	*	Lockport	R	n/a
1	345-115	*	Oswego	R	n/a
1	115-34.5	*	Oswego	R	n/a
2	115-46	*	Boonville	R	n/a
1	115-23	*	Boonville	R	n/a
1	115-34.5	30/40/50	New Buffalo	G	n/a
1	230-23	60/80/100	Sawyer	G	n/a

New Transformers Expected Over The Next Ten Years

(a)	(b)	(c)		(d)	(e)
Quantity	Voltage (kV)	MVA	Location	Growth (G) or Replacement (R)	Unique/special features & attributes needed
1	230-23	50.4/67.2/84	Elm	G	n/a
1	115-34.5-8.6	*	Menands Station 101	G	n/a
2	115-34.5	15/20/25	Mountain Station	G	n/a
1	115-34.5	15/20/25	Sanborn	G	n/a
2	115-34.5	*	Ash Street Station	G	n/a
1	115-34.5	*	Mallory	G	n/a

*Projects exist, but are still in a very preliminary stage; details such as replacement size has not been determined.

US Sanction Paper

Title:	Spare Transmission Power Transformers—NY	Sanction Paper #:	USSCT 11088
Project #:	C39883	Sanction Type:	Partial Sanction
Operating Company:	Niagara Mohawk Power Corporation	Date of Request:	08.16.11
Author:	Kara Morris and Lucy Zhang	Sponsor:	Cheri Warren
Utility Service:	Electricity T&D		

1 Executive Summary

1.1. Sanctioning Summary:

This paper requests a partial sanction of C39883 in the amount **\$5.46M** and a tolerance of +/-25% for final engineering and the purchase of eight spare transformers.

*This sanction amount is **\$5.46M** broken down into:*

\$5.41M Capex

\$0.05M Opex

\$0.00M Removal

NOTE the potential investment of **\$6.22M** and a tolerance of +/-10%, contingent upon submittal and approval of a Project Sanction paper following completion of transformer purchasing and final design.

1.2. Brief Description:

This partial sanction paper is based on PWS11017, "Spare Transmission Power Transformers," which was approved in June 2011. The primary driver of this partial sanction paper is reliability. Spare transformers are required to mitigate the risk of an extended loss of supply to transmission customers and distribution networks in the event of a failure. Long lead times to procure new transformers, typically 9 months, make it necessary to have spare transformers available in case of transformer failure.

This paper requests approval of \$5.46M in the range of \$4.10M to \$6.83M for the procurement of eight spare transformers for New York and the final engineering of transformer pads. Recent transformer failures in New York (see Appendix 5.2) have demonstrated the necessity of holding adequate numbers of spare transformers. It is recommended that spares be purchased to mitigate the risk of extended outages and to maintain reliability. Additionally, it is recommended that the spares be purchased over two years to take advantage of current transformer procurement contracts.

US Sanction Paper

1.3. Summary of Projects:

Project Number	Project Title	Estimate Amount (\$)
C39883	Spare Transmission Power Transformers—NY	5.46M
Total		\$5.46M

1.4. Associated Projects:

N/A

1.5. Prior Sanctioning History (including relevant approved Strategies):

Date	Governance Body	Sanctioned Amount	Paper Title	Sanction Type
06/08/11	AMIC 11017	\$500k +/- 25%	Spare Transmission Power Transformers	PWS
03/15/11	AMIC 11019	\$2.90m +/- 10%	Purchase of Four Spare Transformers	Sanction
09/29/09	AMIC 0967	\$3.05m +/- 10%	Purchase of Two New Spare Transformers for New York	Sanction
08/21/07	AMIC 07135	\$4.04m +/- 5%	Application by NMPC and NECO to Purchase Spare Transmission Power Transformers	Sanction
12/01/06	SG047	\$6.83m +/- 25%	Strategy for Spare Transmission Power Transformers	Strategy

1.6. Next Planned Sanction Review:

Date (Month/Year)	Purpose of Sanction Review
December/2011	Project sanction

US Sanction Paper

1.7. Category:

Category	Reference to Mandate, Policy, or NPV Assumptions
☐ Mandatory	The 2006 Strategy for Spare Transmission Power Transformers (SG047) set the criteria for holding spare transformers. Per National Grid's Asset Management Transmission Policy Framework, "US Transmission is committed to improving asset operating and cost efficiency and appropriately addressing safety, reliability, risk and environmental performance."
☒ Policy-Driven	
☐ Justified NPV	

1.8. Asset Management Risk Score

Asset Management Risk Score, C39883: 38

Primary Risk Score Driver: (Policy Driven Projects Only)

☒ Reliability ☐ Environment ☐ Health & Safety

1.9. Complexity Level: (if applicable)

☐ High Complexity ☐ Medium Complexity ☒ Low Complexity

Complexity Score: 15

1.10. Business Plan:

Business Plan Name & Period	Project included in approved Business Plan?	Over / Under Business Plan	Project Cost relative to approved Business Plan (\$)
BP13 - 17 Asset & Planning - Step 0	☒ Yes ☐ No	☐ Over ☐ Under	0.00

1.11. If cost > approved Business Plan how will this be funded?

N/A

US Sanction Paper

1.12. Current Planning Horizon:

Company Name	Current planning horizon						
	Prior YRs	Yr 1 11/12 11/12	Yr 2 12/13 12/13	Yr 3 13/14 13/14	Yr 4 14/15 14/15	Yr 5+ 15/16	Total
Proposed Capex Investment	0.00	3.24	2.17	0.00	0.00	0.00	5.41
Proposed Opex Investment	0.00	0.03	0.02	0.00	0.00	0.00	0.05
Proposed Removal Investment	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CIAC / Reimbursement	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	3.27	2.19	0.00	0.00	0.00	5.46

1.13. Resources:

Resource Sourcing			
Engineering & Design Resources to be provided	☒ Internal	☐ Contractor	
Construction/Implementation Resources to be provided	☒ Internal	☐ Contractor	
Resource Delivery			
Availability of internal resources to deliver project:	☐ Red	☐ Amber	☒ Green
Availability of external resources to deliver project:	☐ Red	☐ Amber	☒ Green
Operational Impact			
Outage impact on network system:	☐ Red	☐ Amber	☒ Green
Procurement impact on network system:	☐ Red	☐ Amber	☒ Green

1.14. Key Issues (include mitigation of Red or Amber Resources):

1	The installation of additional transformer pads, oil containment, and conduit/cable will be necessary for storage of spare transformers.
2	No outages will be necessary for this partial sanction paper.

US Sanction Paper

1.15. Key Milestones:

Milestone	Target Date: (Month/Year)
Start Preliminary Engineering (kick-off meeting)	Aug, 2011
Planning Sanction	Sep, 2011
Order Transformers	Nov, 2011
Design complete	Mar, 2012
Project Sanction	Apr, 2012
Construction Start (foundations)	Jun, 2012
Construction Complete - CC	Sep, 2012
Submit Facility Rating to ISO	N/A
Transformer Delivery	Oct, 2012
Project Closure Report	Dec, 2012

1.16. Climate Change:

Are financial incentives (e.g. carbon credits) available?	☐ Yes	☒ No
Contribution to National Grid's 2050 80% emissions reduction target:	☒ Neutral	☐ Positive ☐ Negative
Impact on adaptability of network for future climate change:	☒ Neutral	☐ Positive ☐ Negative

1.17. List References:

1	06/08/11 Spare Transmission Power Transformers PWS (AMIC 11017)
2	12/01/06 Strategy for Spare Transmission Power Transformers (SG 047)

US Sanction Paper

2. Recommendations:

The **US Sanctioning Committee** is invited to:

- (a) APPROVE up to the investment of **\$5.46M** and a tolerance of +/-25% for final engineering and the purchase of eight transformers for NY for the reasons stated above.
- (b) NOTE the potential investment **\$6.22M** to and a tolerance of +/-10%, contingent upon submittal and approval of a Project Sanction paper following completion of final engineering and design.
- (c) NOTE that Kara Morris is the Project Manager under the supervision of Lorraine Barney, who has the approved financial delegation to undertake the activities stated in (a).

Signature..... Date.....

Cheri Warren, Vice President Asset Management

I hereby approve the recommendations made in this paper.

Signature.....Date.....

Chris Root, Senior Vice President Network Strategy

3. Decisions

The US Sanctioning Committee (USSC) approved this paper at a USSC meeting held on September 14, 2011.

Signature.....Date.....

Lee S. Eckert
US Chief Financial Officer
Chairman, US Sanctioning Committee

US Sanction Paper

4. Sanction Paper Detail

Title:	Spare Transmission Power Transformers—NY	Sanction Paper #:	USSCT 11088
Project #:	C39883	Sanction Type:	Partial
Operating Company:	Niagara Mohawk Power Corporation	Date of Request:	08.16.11
Author:	Kara Morris and Lucy Zhang	Sponsor:	Cheri Warren

4.1. Background

This partial sanction paper is based on PWS 11017, “Spare Transmission Power Transformers,” which was approved by the USSC in June 2011. PWS 11017 is based on the November 2006 “Strategy for spare transmission power transformers” (SG 047). Four sanction papers have been approved since SG 047 was approved, and a total of eleven spare transformers have been purchased. This partial sanction paper recommends new spare transformer levels based on current transformer group sizes and uses statistical analysis and National Grid Subject Matter Expert input to identify the minimum number of transformers needed to cover an N-1 contingency.

4.2. Drivers

The primary driver of this partial sanction paper is reliability; spare transformers are necessary to avoid the risk of an extended loss of supply to transmission customers and distribution networks in the event of a failure. Long lead times to procure new transformers, typically 9 months, and the potential for long-term outages make it necessary to procure transformers in case of transformer failure.

4.3. Project Description

This partial sanction paper recommends holding an additional eight spare transformers in New York. The number of spares recommended in this partial sanction paper is the minimum number necessary to cover an N-1 contingency. These numbers were determined using the APT Spares modeling program, the Poisson method, and expert input (for analysis results, see Appendix 5.4).

4.4. Benefits Summary

This partial sanction paper proposes adequate transformer spares holding levels, which will allow timely replacement of transformers after failure. Timely replacement allows National Grid to meet its high reliability targets.

US Sanction Paper

4.5. Business Issues

This is an updated view of the need for National Grid to hold spare transformers in New York. This project is currently included in the latest approved business plan.

Currently, eight transformer families in NY are insufficiently spared. There are no spare transformers for seven of these eight transformer families and mobiles either don't exist or are incompatible with these families (Appendix 5.3). This partial sanction paper recommends the purchase of eight spare transformers. Each purchased spare fills a need for which sufficient transformation is not available to address the next contingency at: 1) substations where neither a spare transformer nor mobile is available or 2) where the current spare(s) does not adequately cover the current transformer population.

Unplanned outages can cause major disruptions in National Grid's service to its customers and significant disruption to planned work. Transformer failure may result in increased loading on parallel units which can increase the risk of multiple failures. Order and delivery of a transformer for replacement of a failed unit takes approximately 9 months. Availability of spare transformers allows circuits to be restored to normal configuration in shorter time periods and provides for the availability of mobile substations for maintenance activities.

4.6. Options Analysis

Recommended Option: Procure 8 spares in NY over a two-year period

This option recommends spare transformer levels (Table 1) based on APT Spares modeling, the Poisson method, and expert analysis. The recommended spare transformer levels would be achieved within two years to prevent the risk of an extended loss of supply to customers in the event of a failure. This option was selected because it provides for adequate reliability and mitigates the current risk due to inadequate spares coverage. Additionally, National Grid has negotiated a contract to procure some of the recommended transformers at prices that are lower than recent historical costs. The contract is for three years plus two option years. An expedited schedule is recommended to take advantage of current negotiated prices. The purchasing plan would place the order for all 8 transformers at once with a 30% down payment. As the design drawings are completed, an additional 30% per approved transformer drawing set would be paid. After each transformer's factory testing is accepted, another 30% would be paid. The final 10% per transformer will be paid once each is delivered and accepted by National Grid personnel.

Cost: \$5.46m (assume 60% spend FY2012, 40% spend FY2013)

Table 1: Recommended transformer construction prioritization

New York
115-69 kV 24/32/40 MVA AUTO/LTC GY-GY
115-46 kV 7.5/9.375 MVA D-GY
115-34.5 kV 15/20/25 MVA D-GY
115-23 kV 30/40/50 MVA w/LTC D-GY
115-34.5 kV 55 MVA w/LTC D-GY
115-23 kV 10/12.5 MVA D-GY

US Sanction Paper

115-13.8 kV 24/32/40 MVA w/LTC D-Y

115-4.8 kV 7.5/9.375 MVA w/LTC GY-D

*prioritizations for alternatives provided in Appendix 5.5

Alternative 1: Do Nothing

This option would result in insufficient spare transformer levels for replacement after failure. Existing spares levels would decrease, causing increased chances of congestion and overloaded circuits and decreased availability of mobile substations for maintenance.

Cost: \$0

Alternative 2: Procure 8 spares in NY over a five-year period

This option recommends spare transformer levels based on APT Spares modeling, the Poisson method, and expert analysis. The recommended spares levels would be achieved within five years. This option would not address the near-term risk due to insufficient transformer levels for the families described in Table 1, but would provide for sufficient spares coverage in the long-term.

Cost: \$6.17M

Alternative 3: Two year plan, deferred for two years

This option would defer transformer purchasing for two years, but would purchase transformers during a two-year period. This option was not chosen because of the immediate need to purchase transformer spares. Deferring some spares purchases was considered, however, and this strategy is reflected in the recommended Option 2. Spares purchases that were considered, but deferred can be seen in Appendix 5.3.

Cost: \$6.60M

4.7. Safety, Environmental and Project Planning Issues

Safety

Employees and/or contractors installing transformer pads or transformers will be in close proximity to energized substation equipment and must be aware of possible dangers of contact with them. Proper clothing and PPE shall be worn by all working on the project.

During testing and once energized, employees/contractors shall follow proper procedure to avoid the danger of contact with energized equipment. Proper clearances must be observed. Personnel shall also ensure they are following the latest procedures for the work they are undertaking. This will be accomplished by ensuring oversight with adequate supervision.

US Sanction Paper

Environment

System spare transformers will be properly stored and adhere to existing environmental policies and procedures for containment and monitoring where required.

Planning

The storage locations for the spare transformers are in the process of being finalized. The Facilities and Substation Engineering groups are working with Environmental to ensure that the chosen sites identified in Appendix 5.3 are properly designed by the date of receipt of spare transformers.

No outages will be necessary for the execution of this partial sanction paper.

No public outreach will be necessary as construction will occur on land currently owned by National Grid.

Estimate of congestion impacts: congestion issues are expected to decrease. Additionally, this analysis provides spare transformer coverage such that mobile transformers can be used for maintenance activities and not to replace failed transformers.

4.8. Execution Risk Appraisal

Number	Status (Active, Dormant, Retired)	Category	Detailed Description of Risk / Opportunity	Cause/Trigger	Probability	Impact		Score		Strategy	Risk Owner
						Cost	Schedule	Cost	Schedule		
1	Dormant	Environmental	Oil leaking is possible if the containment vessel is punctured	Internal fault, improper transportation	1	3	3	3	4	Accept	Substation O&M
2	Active	Contracting and procurement	Delayed contracting/procurement could increase the time to deliver project	Work prioritization	3	3	3	9	3	Mitigate	Procurement
3	Dormant	Construction	Inadequate internal/external resources to deliver project	Resource allocation	2	3	3	6	3	Accept	Construction

US Sanction Paper

4.9. Permitting

Permit Name	Probability Required	Duration	Status	Estimated Completion Date
N/A				

4.10. Investment Recovery

This proposed strategy is in line with recommendations from [the NY Public Service Commission](#) for the Company to review the purchase of spare transformers in place of a larger transformer replacement program.

Transformer failure could possibly result in sustained outages which could result in reliability-based penalties.

4.10.1. Investment Recovery and Regulatory Implications

Niagara Mohawk Power Corporation

Niagara Mohawk received approval of new rates for calendar year 2011 which included a forecast capital budget for FY 2011 and FY 2012. Embedded in both the approved rates for Transmission and Distribution service are fixed levels of annual capital investment recovery. To the extent the annual capital projects are closed to plant in service in 2011, the company recovers the associated costs within the new rates. If the plant enters service beyond 2011, recovery may occur under present rates or recovery may be delayed until a new rate case is filed and new rates are approved by the New York Public Service Commission.

4.10.2. Customer Impact

This investment has no direct effect on National Grid's customers.

4.10.3. CIAC / Reimbursement

N/A

4.11. Financial Impact to National Grid

4.11.1. Cost Summary Table

Project #	Project Description	Project Estimate Level	\$M	Prior YR Spending	YR1 11/12	YR2 12/13	YR3 13/14	YR4+	Total
C39883	Spare	+/-25%	Capex	0.00	3.24	2.17	0.00	0.00	5.41
	Transmission	+/-25%	Opex	0.00	0.03	0.02	0.00	0.00	0.05
	Power Transformers	+/-25%	Removal	0.00	0.00	0.00	0.00	0.00	0.00
	—NY	+/-25%	Total	0.00	3.27	2.19	0.00	0.00	5.46

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4.11.2. Project Budget Summary Table

Project Budget Summary Table								
Project Costs Per Business Plan		Prior Year Spending*	YR1 11/12	YR2 12/13	YR3 13/14	YR4 14/15	YR5+	Total
	Capex	0.00	3.24	2.17	0.00	0.00	0.00	5.41
	Opex	0.00	0.03	0.02	0.00	0.00	0.00	0.05
	Removal	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Cost in B Plan	0.00	3.27	2.19	0.00	0.00	0.00	5.46
*P/Y Actuals								
Variance (Business Plan-Project Estimate)		Prior Year Spending*	YR1 11/12	YR2 12/13	YR3 13/14	YR4 14/15	YR5+	Total
	Capex	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Opex	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Removal	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total Variance	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4.11.3. Cost Assumptions

Cost assumptions are study grade (+/-25%). Sanction-grade estimates (+/-10%) will be made at the project sanction level. The costs of individual transformers, including the cost of installing transformer pads, can be seen in Appendix 5.3. The potential costs for each of the options (Appendix 5.6) includes the cost of transformers, transformer pads, capital overhead (18%), and taxes (8%). The estimates do not include inflation. Additionally, fluctuations in copper prices are expected for the five-year option, but are not included in these estimates.

4.11.4. Net Present Value / Cost Benefit Analysis

Not financially driven.

4.11.5. Additional Impacts

N/A

US Sanction Paper

4.12. Statements of Support

4.12.1. Supporters

Role	Name	Responsibilities
Investment Planning	Ray Morey	Endorses relative to 5-year business plan or emergent work
Project Manager	Kara Morris, under supervision of Lorraine Barney	Endorses Cost, Scope, Schedule, and Quality and support of all stakeholders
Resource Planning	Mark Phillips	Endorses Resources, cost estimate, schedule, and Portfolio Alignment
Director – Substation Engineering and Design	John Gavin	Substations
Manager – Transmission Asset Owner	Peter Altenburger	Asset Management Transmission
Director – Construction	Fred Raymond	In-House Construction
Director – Complex Project Management	Daniel Glenning	Project Management – Line

4.12.2. Reviewers

Reads paper for content / language. Recommends edits if necessary

Reviewer List	Name
Finance	Steve Bern
Regulatory	Peter Zschokke
Procurement	Tom Morgan
Jurisdictional Delegates	Al Chieco

5. Appendices

5.1. Project Cost Breakdown

Project Cost Breakdown		
Cost Category	Company Name (\$ Amount)	Description of Cost Category
Engineering	NEPC (\$0.10M)	Engineering and final design of transformer pads
Labor	NEPC (\$0.10M)	Construction of transformer pads
Material	NEPC (\$4.23M)	Transformers
Other costs	NEPC (\$1.03M)	
Total:	\$5.46M	

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5.2. Bethlehem Transformer 2: failed transformer replaced with spare

Bethlehem LTC Transformer 2: phase 3 HV winding failure



On February 8, 2011, Transformer 2 at Bethlehem substation was removed from service and replaced with a system spare. DGA indicated that an active arc had occurred inside the main tank and it was determined that the failed phase three high-voltage winding was not field repairable.

US Sanction Paper

5.3. Spare purchasing prioritization, including cost of transformers and pads

State	Substation/spare	Approx. Cost	Reason to buy
NY	115-69 kV 24/32/40 MVA AUTO/LTC GY-GY	\$775,000	- Number of transformers in family: 6 w/ LTC - Reason for purchase: no spare and no mobile - Storage location: Riverside Station
NY	115-46 kV 7.5/9.375 D-GY	\$350,000	- Number of transformers in family: 3 - Reason for purchase: no spare and no mobile - Storage location: Henry Clay Blvd
NY	115-34.5 15/20/25 D-GY	\$600,000	- Number of transformers in family: 13 - Reason for purchase: two spares, one mobile exist—one spare for Nicolville Station only, second is in deteriorating condition - Storage location: Gardenville Station
NY	115-23 kV 30/40/50 MVA w/LTC D-GY	\$850,000	- Number of transformers in family: 10 w/ LTC - Reason for purchase: no spare, mobile can't spare LTC - Storage location: Gardenville Station
NY	115-34.5 KV 55MVA w/LTC D-GY	\$850,000	- Number of transformers in family: 17 + 2 w/ LTC - Reason for purchase: no spare, mobile can't spare LTC - Storage location: Henry Clay Blvd
NY	115-23 kV 10/12.5 D-GY	\$500,000	- Number of transformers in family: 3 - Reason for purchase: no spare and 1 mobile—mobile does not fit all three stations - Storage location: Henry Clay Blvd
NY	115-13.8 kV 24/32/40 MVA w/ LTC D-Y	\$640,000	- Number of transformers in family: 11 w/ LTC - Reason for purchase: no spare, mobile w/o LTC - Storage location: Henry Clay Blvd
NY	115-4.8 kV 7.5/9.375 MVA w/LTC GY-D	\$500,000	- Number of transformers in family: 2 - Reason for purchase: no spare and no mobile - Storage location: Henry Clay Blvd

* overhead costs not included in estimates above

US Sanction Paper

5.4. The results of the Poisson and APT-Spares analyses

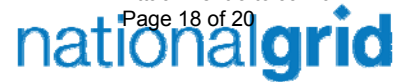
Current and proposed spares holding in New York

Class	Family (MVA Rating)	Vector Group	Max MVA	In Service Total	LTC	Current Number of Spares Held	APT Analysis	Poisson Analysis	Proposed Holding	# Additional Spares to Procure
115- 11.5/12.4										
	115-12 24/32/40	GY-ZZ	40	2	LTC	0	1	1	0	0
	115-12 25/33.33	D-GY	33.3	2	LTC	0	1	1	0	0
	115-12 7.5	D-GY	7.5	1	TRF	0	1	1	0	0
	115-12 30/40	GY-D	40	2	LTC	0	1	1	0	0
115-13.8/13.2										
	115-13.8/13.2 2.5/3.13 (Sunday Creek)	D-GY	3.13	1	TRF	0	1	1	0	0
	115-13.8 kV 7.5/10.5 115-13.8 kV 7.5/8.4 115-13.8 kV 7.5/9.375 115-13.8 kV 5/5.6 115-13.8 kV 5	D-GY	10.5	26	LTC	1	2	2	2	1 *
	115-13.8 kV 10/12.5 115-13.8 kV 12 115-13.8 kV 12/13.4	D-GY	13.4	12	LTC					
	115/13.8 kV 15/20/25 115-13.8 kV 12/13.4/22.4 115-13.8 kV 12/16/20 115-13.8 kV 12/16/20/22.4 115-13.8 kV 15 115-13.8 kV 25 115-13.8 kV 15/20/30 115-13.8 kV 13.4/17.9/22.4	D-GY	30	122	LTC	6	4	3	4	0
	115-13.8 kV 10/12.5 115-13.8 kV 15 115-13.8 kV 7.5/8.4	D-GY	15	5	TRF	1	1	1	0	0
	115-13.8 kV 18/24/30 115-13.8 kV 18/24/30/33.6 115-13.8 kV 20/26.67/33.33 115/13.8 kV 20.2/26.9/33.6	D-GY	33.6	56	LTC	3	4	4	3	0
	115-13.8 20/26.7/33.3	D-GY	33.3	2	TRF					
	115-13.8-4.8 kV 5/5.6 115-13.8-4.8 kV 7.5/9.375 (Saint Johnsville Station)	GY-GY	9.375	2	LTC	0	1	1	0	0
	115-13.8 kV 24/32/40 115-13.8 kV 24/32/40/44.8 115-13.8 kV 27/36/45 115-13.8 kV 33.6/44.8/56	D-GY	56	11	LTC	0	2	2	1	1

US Sanction Paper

Current and proposed spares holding in New York, continued

Class	Family (MVA Rating)	Vector Group	Max MVA	In Service Total	LTC	Current Number of Spares Held	APT Analysis	Poisson Analysis	Proposed Holding	# Additional Spares to Procure
115-69										
	115-69-12 kV 20	GY-GY	56	6	LTC	1	1	1	1	1
115-34.5										
	115-34.5 kV 7.5/9.375 115-34.5 kV 7.5/10 115-34.5 kV 7.5	D-GY	10	16	TRF	4	1	1	1	0
	115-34.5 kV 15/20 115-34.5 kV 15/20/25 115-34.5 kV 20/26.7	D-GY	26.7	13	TRF	2	2	2	2	1
	115-34.5 kV 30/40/50 115-34.5 kV 25/33.3/41.7/47 115-34.5 kV 15/20/30 115-34.5 kV 20/26.7/33.3	D-GY	50	17	TRF	0	2	2	1	1
	115-34.5 40/53.3/66.6 40/53/66/74.6 (Riverside Station 288)	D-GY	74.6	2	LTC					
	115-34.5 kV 30/40/50 115-34.5 kV 20/26.7/33.3 115-34.5 kV 30/40/50/56	D-GY	56	16	LTC	1	2	2	1	0
	115-34.5 kV 7.5/9.375	GY-D	9.375	2	LTC	0	1	1	0	0
	115-34.5-13.8 kV 30/40/50 115-34.5-13.2 kV 33.6/44.8/56	GY-D	56	2	LTC	1	1	1	0	0
	115-34.5 kV 20/26.67/33.33 (Akwasasne Station 825)	D-GY	33.33	1	LTC	1	1	1	0	0
	115-34.5-13.8 kV 30/40/50 115-34.5-4.8 kV 30 115-34.5-13.8 kV 20/26.7 115-34.5-4.8 kV 30/44.8/56	GY-GY	56	17	LTC	1	2	2	1	1*
115-46										
	115-46 kV 30/40/50 115-46 kV 20/26.7/33.3 115-46 kV 18/24/26.9	D-GY	50	5	LTC	1	1	1	1	0
	115-46 kV 21/28/35 115-46 kV 15/20/25 115-46 kV 20/26.7	D-GY	35	6	TRF					
	115-46 kV 7.5/9.375 115-46 kV 5	D-GY	9.375	3	TRF	0	1	1	1	1



US Sanction Paper

Current and proposed spares holding in New York, continued

Class	Family (MVA Rating)	Vector Group	Max MVA	In Service Total	LTC	Current Number of Spares Held	APT Analysis	Poisson Analysis	Proposed Holding	# Additional Spares to Procure
115-23/24	115-23 kV 30/40 115-23 kV 30 115-23 kV 30/40/50 115-23 kV 30/40/44.8 115-23.8 kV 37.5/50/63	D-GY	50	10	LTC	0	2	1	1	1
	115-23 kV 20/26.7/33.3 (Taylorville Station 770)	GY-D	33.3	1	LTC	0	1	1	0	0
	115-23 kV 15/20/25	D-GY	25	3	LTC					
	115-23 kV 16/20/22.4 115-23 kV 12/16/20 115-23 kV 25 115-23 kV 15 115-23 kV 15/20/25	D-GY	25	10	TRF	0	1	1	0	0
	115-23-4.16 kV 7.5	GY-GY	7.5	2	TRF	0	1	1	0	0
	115-23 kV 7.5/9.375 115-23 kV 10/11.2/14 115-23 kV 10/12/14	D-GY	14	3	TRF	0	1	1	1	1
	115-23 kV 7.5/9.375 115-23 kV 7.5/9.375/10.5	GY-D	10.5	3	TRF	0	1	1	0	0
115-4.16/2.4	115-4.16 kV 3.75/4.687	D-GY	3.75	2	LTC					
	115-4.16 kV 3.75 115-4.16 kV 3.75/4.687	D-GY	5	7	TRF	0	1	1	0	0
	115-4.16 7.5/9.375 115-4.16 kV 7.5/9.375	D-GY	9.375	7	LTC					
	115-4.16 kV 7.5 115-4.36 kV 5/6.25/7	D-GY	12.5	4	TRF	0	1	1	0	0
115-4.8	115-4.8 kV 3.75/4.68	GY-D	4.68	1	TRF	1	1	1	1	0
	115-4.8 kV 10/12.5 115-4.8 kV 7.5/9.375	GY-D	12.5	2	LTC	0	1	1	1	1
	115-2.4 10/12.5	D-D	12.5	3	TRF	0	1	1	0	0
	115-4.4 7.5/9.375	GY-GY	9.375	3	LTC	0	1	1	0	0
230-115	230-115kv 75/100/125 230-115kv 200/267/333 230-115kv 349	GY-GY GY-GY GY-GY	125 333 349	6 5 1	UTO/LT UTO/LT UTO/LT	1 2 0	1 1 1	1 1 1	0 0 0	0 0 0
230-24	230-23/24kv 60/80/100 (Sawyer Avenue station) 50.4/67.2/84 (Elm street station)	GY-D	100	6	LTC	0	1	1	0	0
345-115	345-115kv several MVA rating	GY-GY	448	13	AUTO	1	2	2	2	0
345-230	345-230-13.2 kV 340/443	GY-D	443	1	AUTO	0	1	1	0	0

US Sanction Paper

5.5. Transformer purchasing options

Recommended Option: Procure 8 spares in NY over a two-year period

FY 2012	115-69 kV 24/32/40 MVA AUTO/LTC GY-GY
	115-46 kV 7.5/9.375 MVA D-GY
	115-34.5 kV 15/20/25 MVA D-GY
	115-23 kV 30/40/50 MVA w/LTC D-GY
FY 2013	115-34.5 kV 55 MVA w/LTC D-GY
	115-23 kV 10/12.5 MVA D-GY
	115-13.8 kV 24/32/40 MVA w/LTC D-Y
	115-4.8 kV 7.5/9.375 MVA w/LTC GY-D

Alternative 1: Do Nothing

No spares purchased

Alternative 2: Procure 8 spares in NY over a five-year period

FY 2012	115-69 kV 24/32/40 MVA AUTO/LTC GY-GY
	115-46 kV 7.5/9.375 MVA D-GY
FY 2013	115-34.5 kV 15/20/25 MVA D-GY
	115-23 kV 30/40/50 MVA w/LTC D-GY
FY 2014	115-23 kV 10/12.5 MVA D-GY
FY 2015	115-13.8 kV 24/32/40 MVA w/LTC D-Y
FY 2016	115-4.8 kV 7.5/9.375 MVA w/LTC GY-D

Alternative 3: Two year plan, deferred for two years

Same purchases made as in Recommended Option, but deferred to Fiscal Year 2014 and 2015

US Sanction Paper

5.6. Transformer purchasing option costs

Recommended Option: Replace 8 spares in NY over a two-year period

Cost: \$6.22m

NY	Two year plan	Cost (\$m)	-25% (\$m)	+25% (\$m)
	Fiscal Year 2012 (+/- 25%)	3.70	2.78	4.63
	Fiscal Year 2013 (+/- 25%)	2.52	1.89	3.15
	Total	6.22	4.67	7.78

Alternative 1: Do Nothing

Cost: \$0

Alternative 2: Replace 8 spares in NY over a five-year period

Cost: \$6.37m

NY	Five year plan	Cost (\$m)	-25% (\$m)	+25% (\$m)
	Fiscal Year 2012 (+/- 25%)	1.37	1.02	1.71
	Fiscal Year 2013 (+/- 25%)	1.81	1.36	2.26
	Fiscal Year 2014 (+/- 25%)	1.72	1.29	2.14
	Fiscal Year 2015 (+/- 25%)	0.83	0.62	1.04
	Fiscal Year 2016 (+/- 25%)	0.65	0.49	0.82
	Total	6.37	4.78	7.97

Alternative 3: Two year plan, deferred for two years

Cost: \$6.47m

NY	Two year plan, deferred	Cost (\$m)	-25% (\$m)	+25% (\$m)
	Fiscal Year 2012 (+/- 25%)	0	0	0
	Fiscal Year 2013 (+/- 25%)	0	0	0
	Fiscal Year 2014 (+/- 25%)	3.85	2.89	4.82
	Fiscal Year 2015 (+/- 25%)	2.62	1.97	3.28
	Total	6.47	4.86	8.09

5.7. NPV Summary (if applicable)

N/A

5.8. Customer Outreach Plan (if applicable)

N/A

Methodology to determine the optimal number of transformer spares to hold

The transformers are grouped by voltage rate, MVA range, vector groups and LTC/no LTC. Because of the different impedance levels and transportation difficulty, the number of spares holding was calculated separately for New York and New England.

The methods adopted for spare analysis use Poisson analysis algorithms and techniques to determine the quantity of spares needed to support the specified infrastructure availability requirement. At the same time, APT tools are used to take into account cost and storage information. For the family with less than or equal to three transformers, subject matter experts in Substation Engineering and Transmission and Distribution Planning were consulted to evaluate the necessity of holding spares.

- Poisson algorithm

$$\text{Probability} = \sum_{K=0}^S \frac{(N \times F \times R)^K \times e^{-N \times F \times R}}{K!}$$

Where:

N = Number of Units in Service

F = Failure Rate

R = Equipment Lead Time

S = Number of Spares

K = Number of Failures

Knowing the number of transformers in certain families, the lead time of the transformer family, and the availability criterion, the number of spares needed could be computed using the formula above. The availability cutoff value is set to 99.9%. The failure rate is based on our system level failure rate of 6 per year.

- APT tools method

APT is risk analysis software. It integrates the information of purchase price, storage price, cost per failure and failure rate to optimize the number of spare holdings. The key inputs for APT are summarized in the table on page 12. It is mainly categorized based on MVA rating. The purchase price is according to the most recent list of prices for different voltage groups and different MVA ratings transformers from procurement. The lowest price is input for the spare number simulation. A screenshot of the APT-Spares input table is provided on page 13.

- Expert and planning input

If the planning department or transformer experts suggests no necessity to hold a Spare, we will not hold any spare for the related family.

APT-Spares key inputs

Type	MVA		Purchase of new unit: delivery to site	Lead/weeks		Spare Install		Mobile Install		Mobile install plus 1 hr switch for spare install
	Low	High		Standard	Emergency	Cost to transport, install etc	Duration/days	Cost	Duration/hrs	
Power	0.0	5.0	150,000	16	12	150,000	2	150,000	12	13
Power	5.1	7.5	200,000	16	12	150,000	4	150,000	12	13
Power	7.6	10.0	200,000	20	16	200,000	4	200,000	12	13
Power	10.1	15.0	600,000	20	16	200,000	4	200,000	12	13
Power	15.1	20.0	900,000	26	22	200,000	10	400,000	20	21
Power	20.1	30.0	1,100,000	26	22	200,000	10	500,000	20	21
Power	30.1	75.0	AR	39	22	350,000	14	NA	NA	NA
Power	75.1	125.0	AR	39	22	350,000	21	NA	NA	NA
Power	125.1	333.0	AR	52	22	500,000	42	NA	NA	NA
Power	333.1	500.0	AR	52	22	500,000	49	NA	NA	NA
Type	MVA		Switch only probability	Proportion where we are unable to pick up load	CI	Expected life	Expected failure rate p.a.%	Chance of onsite refurb	Weeks for onsite refurb	Fixed Costs/ occasion
	Low	High								
Power	0.0	5.0	1.5	0.1	1,000	60	0.50%	10.0%	1	165,000
Power	5.1	7.5	1.5	0.1	1,500	60	0.50%	10.0%	1	165,000
Power	7.6	10.0	1.5	0.1	2,000	60	0.50%	5.0%	2	220,000
Power	10.1	15.0	3	0.05	3,000	60	0.50%	5.0%	2	210,000
Power	15.1	20.0	3	0.05	4,000	60	0.50%	5.0%	2	420,000
Power	20.1	30.0	0	0.02	6,000	60	0.50%	5.0%	2	510,000
Power	30.1	75.0	0	0.001	NA	60	0.50%	0.0%	NA	510,000
Power	75.1	125.0	0	0.001	NA	60	0.50%	0.0%	NA	510,000
Power	125.1	333.0	0	0.001	NA	60	0.50%	0.0%	NA	510,000
Power	333.1	500.0	0	0	NA	60	0.50%	0.0%	NA	510,000

APT-Spares screenshot

APT-Integrated Toolkit v3.4

Analysis Options Admin Window Help

New

Open

Save

Calculate

CueCard

Notes

Assists

Assets

Print

Help

SPARES - 115-34.5

Analysis

Data inputs

Results table

Installed usage

Number of units installed:

Number required for normal operation:

Annual operating hours per unit (continuous = 8760): /year

Purchase & ownership costs

Purchase price: \$

Cost of money tied up: %/year

Storage & maintenance: %/year

Limited useful life: years

Spares holding

Current holding policy: items

Impact of unavailability

Consequence of unavailability:

Impact of failure of a required unit: \$ /hour

for a further failure: \$ /hour

Fixed costs

Direct cost: \$ /occasion

Downtime duration: hours/occasion

Re-supply

Units:

Replacement leadtime: weeks

Leadtime if downtime costs are being incurred: weeks

Chance of refurbishing the failed unit: %

Refurbishment leadtime: weeks

Demand for spares

Total demand: /year

APT-Integrated Toolkit v3.4

12/22/2010

Date of Request: July 17, 2012
Due Date: July 27, 2012

Request No. DPS-427 (JJA-05)
NMPC Req. No. NM-592

NIAGARA MOHAWK POWER CORPORATION

Case No. 12-E-0201 and 12-G-0202 - Niagara Mohawk Power Corporation d/b/a
National Grid - Electric and Gas Rates

Request for Information

FROM: Jerry Ancona

TO: Infrastructure and Operations Panel

SUBJECT: Transmission Transformer Watch List

REFERENCE: [Book 27, Exhibit EIOP-6, pgs. 104-105 of 127]

REQUEST:

With respect to the intended transformer “watch list”, please provide the following:

- 1) The criteria by which transformers (of 115 kV or higher on the *primary* side) will be placed on the “watch list”; i.e., the sub-set of transformers that the Company expects to have a higher probability of failure compared to all transformers;
- 2) The methodologies, additional testing, guiding principles, etc., that subject matter experts will use to evaluate transformers on the watch list to determine which should be scheduled for replacement.

RESPONSE:

- 1) The Company uses three criteria to determine which transformers are placed on the “watch list.” First, the Company includes on its “watch list” any transformer rated 115 kV (primary side) or higher that is classified as a code 3 or a code 4 as defined in the table below. Second, the Company places on its watch list any transformer classified as a code 2 and that has a known type or design issue. Third, the Company places on its watch list any transformer classified as a code 2 with minor deterioration that would likely result in a high impact if the transformer fails; e.g., resulting in customer outages or PCB contamination near a water way.

The Company uses several inputs to determine the transformer condition codes shown below. These inputs are main tank and load tap changer Dissolved Gas Analysis (DGA), oil screen, Furan tests, electrical tests, known design issues, and the results of a twice yearly review of each transformer by a subject matter experts. Although age alone is not a reason to place a transformer on the watch list, it is considered in the evaluation of the health of a transformer due to deteriorated

insulation and possible through faults. The inputs which determine the impact of a transformer failure are the MVA rating, whether the unit contains PCB, and the number of transformers in the substation.

- 2) The Company calculates a risk score for all transformers on the watch list using the inputs described above. The Company uses those risk scores to prioritize transformers for replacement. Certain transformers on the watch list may be monitored more closely and may require additional DGA samples, diagnostic testing or an internal inspection depending on specific issues with those transformers. A review with the area planner will determine the long-term plan for the transformer and whether or not it will be retired, upgraded or replaced.

In addition, as part of this process, the Company reviews any transformer that is placed on either the watch list or the replacement list to determine the appropriate contingency plan in the event of an unexpected failure. The review of possible transformer spares and mobile substation capability is performed for each transformer on either list. In addition, the ability to perform field ties and operate units as an open delta on single phase bank units with delta high side windings are reviewed for a possible solution if a problem arises.

Code	Classification/Condition	Implication
1 Proactive	Asset expected to operate as designed for more than 10 years	Appropriate maintenance performed; regular inspections performed
2 Proactive	Some asset deterioration or known type/design issues Obsolescence of equipment such that spares/replacement parts are not available System may require a different capability at asset location	Asset likely to be replaced or re-furnished in 5-10 years; increased resources may be required to maintain/operate assets
3 Proactive	Asset condition is such that there is an increased risk of failure Test and assessment identifies definite deterioration which is on going	Asset likely to be replaced or refurbished in less than 5 years; increased resources may be required to maintain/operate assets
4 Reactive	Asset has sudden and unexpected change in condition such that it is of immediate concern; this may be detected through routine diagnostics, including inspections, annual testing, maintenance or following an event	Testing and assessment required to determine whether the asset may be returned to service or may be allowed to continue in service. Following Engineering analysis the asset will be either recoded to 1-2-3 or removed from the system

Name of Respondent:
Eileen Duarte

Date of Reply:
7/26/12

Date of Request: July 18, 2012
Due Date: July 30, 2012

Request No. DPS-438 (RMD-35)
NMPC Req. No. 619

NIAGARA MOHAWK POWER CORPORATION
Case No. 12-E-0201 and 12-G-0202 - Niagara Mohawk Power Corporation
d/b/a National Grid - Electric and Gas Rates

Request for Information

FROM: Richard Davi
TO: Revenue Requirements Panel
SUBJECT: Variable Pay – Corrections and Updates

Request:

This is a follow-up to RMD-13 and RMD-29.

- 1) Please provide the updated and corrected amount of RY Variable Pay in the same format as Attachment 1 to RMD-13. Include a verifiable link to Company corrections and updates exhibit and/or workpapers.
- 2) What is the RY revenue requirement impact, broken down between electric and gas, if the updated and corrected amount of Variable Pay from 1. above is allocated between expense and capital using the same methodology and percentages as base pay. The response should be in the same format as Attachment 2 to RMD-29, sheet 2 of 2.

Response:

Part 1) Please see Attachment 1 to DPS-438 (RMD-35) for the requested information updated for the Company's Corrections and Updates filing.

Part 2) Please see Attachment 2 to DPS-438 (RMD-35) for the requested information updated for the Company's Corrections and Updates filing.

Name of Respondent:
Mark Stiner

Date of Reply:
July 30, 2012

Niagara Mohawk Power Corp.
Variable Pay Costs
Rate Year Ending March 31, 2014
Response to RMD-35
(Originally Provided in Response to RMD-13)

Variable Pay Charged

to

Niagara Mohawk Power Corp. (Co. 36)

	Total			Expense			Capital			Other		
	Total	Electric	Gas	Total	Electric	Gas	Total	Electric	Gas	Total	Electric	Gas
1 Historic Test Year Ending December 31, 2011												
2 Exhibit RRP-3CU, Schedule 31												
3 Niagara Mohawk Power Corp.												
4 Labor Schedule	12,699.6	10,744.1	1,955.5	12,531.8	10,612.8	1,919.0	(862.8)	(862.4)	(0.4)	1,030.6	993.8	36.8
5 Adjustments (Schedule 31, pg. 3)	-	-	-	-	-	-	-	-	-	-	-	-
6 Total Niagara Mohawk Power Corp.	12,699.6	10,744.1	1,955.5	12,531.8	10,612.8	1,919.0	(862.8)	(862.4)	(0.4)	1,030.6	993.8	36.8
7 National Grid USA Service Co.	13,746.2	12,410.0	1,336.2	10,774.0	9,295.7	1,078.2	3,103.3	2,878.1	225.2	249.0	236.1	32.9
8 Keyspan Service Co.	2,922.4	2,266.2	656.2	2,915.8	2,266.2	649.6	6.5	-	6.5	0.0	-	0.0
9 All Other Companies	1.8	1.8	-	1.8	1.8	-	-	-	-	-	-	-
10 Total	29,370.0	25,422.1	3,947.9	25,823.4	22,176.5	3,646.9	2,247.0	2,015.7	231.3	1,299.6	1,229.9	69.7
11												
12												
13												
14 Adjusted Historic Test Year Ending December 31, 2011												
15 Exhibit RRP-3CU, Schedule 31												
16 Niagara Mohawk Power Corp.												
17 Labor Schedule	12,384.7	10,477.7	1,907.0	12,221.0	10,349.6	1,871.4	(841.4)	(841.0)	(0.4)	1,005.1	969.1	35.9
18 Adjustments (Schedule 31, pg. 3)	-	-	-	(958.5)	(958.5)	-	958.5	958.5	-	-	-	-
19 Total Niagara Mohawk Power Corp.	12,384.7	10,477.7	1,907.0	11,262.5	9,391.1	1,871.4	117.1	117.5	(0.4)	1,005.1	969.1	35.9
20 National Grid USA Service Co.	11,886.4	10,725.6	1,154.9	8,965.9	8,034.0	931.9	2,682.1	2,487.5	194.6	232.5	204.1	28.4
21 Keyspan Service Co.	2,621.1	2,032.5	588.5	2,615.2	2,032.5	582.7	5.9	-	5.9	0.0	-	0.0
22 All Other Companies	1.8	1.8	-	1.8	1.8	-	-	-	-	-	-	-
23 Total	26,887.9	23,237.6	3,650.4	22,845.3	19,459.4	3,386.0	2,805.1	2,665.0	200.1	1,237.5	1,173.2	64.3
24												
25 Adjustments to Historic Test Year Ending December 31, 2011												
26 Exhibit RRP-3CU, Schedule 31												
27 Niagara Mohawk Power Corp.												
28 Labor Schedule	(314.9)	(266.4)	(48.5)	(310.8)	(263.2)	(47.6)	21.4	21.4	0.0	(25.6)	(24.6)	(0.9)
29 Adjustments (Schedule 31, pg. 3)	-	-	-	(958.5)	(958.5)	-	958.5	958.5	-	-	-	-
30 Total Niagara Mohawk Power Corp.	(314.9)	(266.4)	(48.5)	(1,269.3)	(1,221.7)	(47.6)	979.9	979.9	0.0	(25.6)	(24.6)	(0.9)
31 National Grid USA Service Co.	(1,865.8)	(1,684.4)	(181.4)	(1,408.1)	(1,261.7)	(146.3)	(421.2)	(390.7)	(30.6)	(36.5)	(32.0)	(4.5)
32 Keyspan Service Co.	(301.3)	(233.6)	(67.6)	(300.6)	(233.6)	(67.0)	(0.7)	-	(0.7)	(0.0)	-	(0.0)
33 All Other Companies	(0.0)	(0.0)	-	(0.0)	(0.0)	-	-	-	-	-	-	-
34 Total	(2,482.1)	(2,184.4)	(297.5)	(2,978.0)	(2,717.1)	(260.9)	558.0	589.5	(31.2)	(62.1)	(56.7)	(5.4)
35												
36 Rate Year Ending March 31, 2014												
37 Exhibit RRP-3CU, Schedule 31												
38 Niagara Mohawk Power Corp.												
39 Labor Schedule	14,745.9	12,475.3	2,270.6	14,551.0	12,322.8	2,228.2	(1,001.8)	(1,001.4)	(0.5)	1,196.7	1,153.9	42.8
40 Adjustments (Schedule 31, pg. 3)	-	-	-	(1,169.3)	(1,169.3)	-	1,169.3	1,169.3	-	-	-	-
41 Total Niagara Mohawk Power Corp.	14,745.9	12,475.3	2,270.6	13,381.8	11,153.5	2,228.2	167.4	167.9	(0.5)	1,196.7	1,153.9	42.8
42 National Grid USA Service Co.	6,566.1	5,927.9	638.3	4,955.3	4,440.3	515.0	1,482.4	1,374.8	107.6	128.5	112.8	15.7
43 Keyspan Service Co.	2,197.1	1,703.8	493.3	2,192.2	1,703.8	488.4	4.9	-	4.9	0.0	-	0.0
44 All Other Companies	1.9	1.9	-	1.9	1.9	-	-	-	-	-	-	-
45 Sub-total	23,511.0	20,108.8	3,402.2	20,531.2	17,299.5	3,231.7	1,654.7	1,542.7	112.0	1,325.2	1,266.7	58.5
46 Exhibit RRP-3CU, Schedule 35												
47 I&I Additional Staff				7.4	6.2	1.3						
48 Niagara Mohawk Power Corp.												
49 USFP Additional Staff				58.9	48.5	10.4						
50 National Grid USA Service Co.				66.3	54.7	11.7						
51 Sub-total												
52 Total				20,597.5	17,354.1	3,243.3						
53												

Line Notes

3 Exhibit RRP-3CU, Schedule 31, pages 17
7 Exhibit RRP-3CU, Schedule 31, pages 18
8 Exhibit RRP-3CU, Schedule 31, pages 19
9 Exhibit RRP-3CU, Schedule 31, pages 6
16 Exhibit RRP-3CU, Schedule 31, pages 21
20 Exhibit RRP-3CU, Schedule 31, pages 22
21 Exhibit RRP-3CU, Schedule 31, pages 23
22 Exhibit RRP-3CU, Schedule 31, pages 6

38 Exhibit RRP-3CU, Schedule 31, pages 25
42 Exhibit RRP-3CU, Schedule 31, pages 26
43 Exhibit RRP-3CU, Schedule 31, pages 27
44 Exhibit RRP-3CU, Schedule 31, pages 7
45 Exhibit RRP-11CU, Workpapers to Exhibit RRP-3CU, Schedule 35, Workpaper 2
50 Exhibit RRP-11CU, Workpapers to Exhibit RRP-3CU, Schedule 35, Workpaper 2

Niagara Mohawk Power Corp.
Variable Pay Costs
Rate Year Ending March 31, 2014
Response to RMD-35, Attachment 2
(Originally Provided in Response to RMD-29)

		Variable Pay Charged											
		To											
		Niagara Mohawk Power Corp. (Co. 36)											
		Total			Expense			Capital			Other		
		Total	Electric	Gas	Total	Electric	Gas	Total	Electric	Gas	Total	Electric	Gas
1	Historic Test Year Ending December 31, 2011												
2													
3	Base Pay Ratios												
4	Management												
5	Niagara Mohawk Power Corp												
6	Regular Pay	50,442.8	42,874.4	7,568.4	33,287.6	28,475.6	4,811.9	15,384.6	12,678.5	2,706.1	1,770.6	1,720.3	50.3
7	Overtime	2,664.0	2,369.4	294.6	2,146.8	1,975.6	171.2	340.8	230.0	110.8	176.5	163.9	12.6
8	Total	53,106.8	45,243.8	7,863.0	35,434.4	30,451.2	4,983.1	15,725.4	12,908.4	2,817.0	1,947.1	1,884.2	62.9
9	Ratio	100.0%	85.2%	14.8%		57.1%	9.4%		24.3%	5.3%		9.5%	0.1%
10													
11	National Grid USA Service Co												
12	Regular Pay	64,250.1	57,812.3	6,437.8	49,068.3	43,889.8	5,178.4	14,001.3	12,901.7	1,099.7	1,180.5	1,020.8	159.7
13	Overtime	1,910.7	1,756.6	154.1	1,468.4	1,352.4	116.0	410.0	372.7	37.3	32.4	31.5	-0.8
14	Total	66,160.9	59,569.0	6,591.9	50,536.6	45,242.2	5,294.4	14,411.3	13,274.4	1,137.0	1,212.9	1,052.3	160.6
15	Ratio	100.0%	90.0%	10.0%		68.4%	8.0%		20.1%	1.7%		1.6%	0.2%
16													
17	Keyspan Service Co												
18	Regular Pay	20,624.7	14,595.9	6,028.8	20,225.2	14,551.9	5,673.3	395.8	40.1	355.5	3.7	3.7	(0.0)
19	Overtime	48.9	41.7	7.2	48.4	41.7	6.7	0.6	-	0.6	0.0	-	0.0
20	Total	20,673.6	14,637.6	6,036.1	20,273.6	14,593.6	5,680.0	396.4	40.3	356.1	3.7	3.7	(0.0)
21	Ratio	100.0%	70.8%	29.2%		70.6%	27.5%		0.2%	1.7%		0.0%	0.0%
22													
23	Represented Ratios												
24	Niagara Mohawk Power Corp												
25	Regular Pay	213,882.3	176,876.9	37,005.3	126,881.9	104,330.1	22,551.8	73,466.9	59,572.8	13,894.1	13,533.5	12,974.1	559.4
26	Overtime	55,213.7	49,797.0	5,416.8	36,041.1	33,119.8	2,921.2	16,175.6	13,911.4	2,264.1	2,997.1	2,765.7	231.4
27	Total	269,096.0	226,673.9	42,422.1	162,922.9	137,449.9	25,473.0	89,642.5	73,484.2	16,158.3	16,530.6	15,739.8	790.9
28	Ratio	100.0%	84.2%	15.8%		51.1%	9.5%		27.3%	6.0%		5.8%	0.3%
29													
30	National Grid USA Service Co												
31	Regular Pay	3,580.1	3,250.7	329.4	2,833.0	2,506.1	327.0	730.8	730.8	-	16.3	13.8	2.5
32	Overtime	132.7	121.7	11.0	98.1	87.4	10.7	32.6	32.6	-	2.1	1.7	0.3
33	Total	3,712.9	3,372.5	340.4	2,931.1	2,593.5	337.6	763.4	763.4	-	18.4	15.6	2.8
34	Ratio	100.0%	90.8%	9.2%		69.9%	9.1%		20.6%	0.0%		0.4%	0.1%
35													
36	Keyspan Service Co												
37	Regular Pay	282.0	36.1	245.9	261.1	36.1	225.0	20.9	-	20.9	0.0	-	0.0
38	Overtime	64.6	27.8	36.9	63.8	27.8	36.0	0.9	-	0.9	0.0	-	0.0
39	Total	346.6	63.8	282.8	324.9	63.8	261.0	21.8	-	21.8	0.0	-	0.0
40	Ratio	100.0%	18.4%	81.6%		18.4%	75.1%		0.0%	6.3%		0.0%	0.0%
41													

Niagara Mohawk Power Corp.
Variable Pay Costs
Rate Year Ending March 31, 2014
Response to RMD-35, Attachment 2
(Originally Provided in Response to RMD-29)

		Variable Pay Charged To											
		Niagara Mohawk Power Corp. (Co. 36)											
		Total			Expense			Capital			Other		
		Total	Electric	Gas	Total	Electric	Gas	Total	Electric	Gas	Total	Electric	Gas
42	Rate Year Ending March 31, 2014 Variable Pay												
43													
44	Original Filing												
45	Management												
46	Niagara Mohawk Power Corp.												
47	Labor Schedule	4,715.7	3,989.6	726.1	4,653.4	3,949.8	712.6	(320.4)	(320.2)	(0.1)	382.7	369.0	13.7
48	Adjustments (Sched 31, pg 5)	-	-	-	(374.2)	(374.2)	-	374.2	374.2	-	-	-	-
49	Total Niagara Mohawk Power Corp.	4,715.7	3,989.6	726.1	4,279.2	3,566.7	712.6	53.8	51.9	(0.1)	382.7	369.0	13.7
50	National Grid USA Service Co.	6,449.5	5,822.5	626.9	4,867.3	4,361.4	505.9	1,456.0	1,350.4	105.6	126.2	110.8	15.4
51	Keyspan Service Co.	2,183.2	1,693.0	490.2	2,178.3	1,693.0	485.3	4.9	-	4.9	0.0	-	0.0
52	All Other Companies	-	-	-	-	-	-	-	-	-	-	-	-
53	Sub-total	13,348.4	11,505.1	1,843.3	11,324.8	9,621.0	1,703.8	1,514.7	1,404.3	110.4	508.9	479.8	29.1
54	Represented												
55	Niagara Mohawk Power Corp.												
56	Labor Schedule	10,030.2	8,485.7	1,544.4	9,897.6	8,382.0	1,515.6	(681.4)	(681.1)	(0.3)	814.0	784.9	29.1
57	Adjustments (Sched 31, pg 5)	-	-	-	(795.1)	(795.1)	-	795.1	795.1	-	-	-	-
58	Total Niagara Mohawk Power Corp.	10,030.2	8,485.7	1,544.4	9,102.5	7,586.9	1,515.6	113.6	114.0	(0.3)	814.0	784.9	29.1
59	National Grid USA Service Co.	116.7	105.3	11.3	88.0	78.9	9.2	26.3	24.4	1.9	2.3	2.0	0.3
60	Keyspan Service Co.	13.9	10.8	3.1	13.9	10.8	3.1	0.0	-	0.0	0.0	-	0.0
61	All Other Companies	1.9	1.9	-	1.9	1.9	-	-	-	-	-	-	-
62	Sub-total	10,162.6	8,603.7	1,558.9	9,206.3	7,678.5	1,527.9	140.0	138.4	1.6	816.3	786.9	29.4
63													
64	Grand Total	23,511.0	20,108.8	3,402.2	20,531.2	17,299.5	3,231.7	1,654.7	1,542.7	112.0	1,325.2	1,266.7	58.5
65													
66	Reallocated Using Base Pay Ratios												
67	Management												
68	Niagara Mohawk Power Corp.	4,715.7	4,017.5	698.2	3,146.5	2,704.0	442.5	1,396.4	1,146.2	250.1	172.9	167.3	5.6
69	National Grid USA Service Co.	6,449.5	5,806.9	642.6	4,926.4	4,410.3	516.1	1,404.8	1,294.0	110.8	118.2	102.6	15.7
70	Keyspan Service Co.	2,183.2	1,545.8	637.4	2,141.0	1,541.1	599.8	41.9	4.3	37.6	0.4	0.4	(0.0)
71	All Other Companies	-	-	-	-	-	-	-	-	-	-	-	-
72	Sub-total	13,348.4	11,370.2	1,978.2	10,213.8	8,655.4	1,558.4	2,843.1	2,444.5	398.6	291.5	270.3	21.2
73	Represented												
74	Niagara Mohawk Power Corp.	10,030.2	8,448.9	1,581.2	6,072.7	5,123.2	949.5	3,341.3	2,739.0	602.3	616.2	586.7	29.5
75	National Grid USA Service Co.	116.7	106.0	10.7	92.1	81.5	10.6	24.0	21.0	-	0.6	0.5	0.1
76	Keyspan Service Co.	13.9	2.6	11.3	13.0	2.6	10.5	0.9	-	0.9	0.0	-	0.0
77	All Other Companies	1.9	1.9	-	1.9	1.9	-	-	-	-	-	-	-
78	Sub-total	10,162.6	8,559.4	1,603.2	6,179.7	5,209.2	970.5	3,366.1	2,763.0	603.1	616.7	587.2	29.6
79													
80	Grand Total	23,511.0	19,929.5	3,581.5	16,393.5	13,864.6	2,529.0	6,209.2	5,207.5	1,001.7	908.3	857.5	50.8
81													
82	Difference Due to Reallocation												
83	Management	-	(135.0)	135.0	(1,111.0)	(965.6)	(145.4)	1,328.4	1,040.2	288.2	(217.4)	(209.5)	(7.9)
84	Represented	-	(44.4)	44.4	(3,026.6)	(2,469.3)	(557.3)	3,226.1	2,624.6	601.5	(199.5)	(199.7)	0.2
85													
86	Additional Variable Pay from Other Initiatives												
87	DG Additional Staff				7.4	6.2	1.3						
88	USFP Additional Staff				58.9	48.5	10.4						
89	Sub-total				66.3	54.7	11.7						
90													
91	Grand Total Variable Pay Reallocated				16,459.9	13,919.2	2,540.6						

Line Notes

6 - 7 Exhibit RRP-11CU, W/Ps to Exhibit RRP-3CU, Schedule 31, W/P 1, page 5
12 - 13 Exhibit RRP-11CU, W/Ps to Exhibit RRP-3CU, Schedule 31, W/P 2, page 3
18 - 19 Exhibit RRP-11CU, W/Ps to Exhibit RRP-3CU, Schedule 31, W/P 3, page 1
25 - 26 Exhibit RRP-11CU, W/Ps to Exhibit RRP-3CU, Schedule 31, W/P 1, page 6
31 - 32 Exhibit RRP-11CU, W/Ps to Exhibit RRP-3CU, Schedule 31, W/P 2, page 4
37 - 38 Exhibit RRP-11CU, W/Ps to Exhibit RRP-3CU, Schedule 31, W/P 3, page 4

46, 50 - 51 Exhibit RRP-1CU, Schedule 31, pages 25 - 27
56, 59 - 60 Exhibit RRP-3CU, Schedule 31, pages 25 - 27
61 Exhibit RRP-3CU, Schedule 31, pages 7
87 Exhibit RRP-11CU, Workpapers to Exhibit RRP-3CU, Schedule 35, Workpaper 2
88 Exhibit RRP-11CU, Workpapers to Exhibit RRP-3CU, Schedule 35, Workpaper 3

Date of Request: July 18, 2012
Due Date: July 30, 2012

Request No. DPS-440 (DAG-56)
NMPC Req. No. 621

NIAGARA MOHAWK POWER CORPORATION

Case No. 12-E-0201 and 12-G-0202 - Niagara Mohawk Power Corporation d/b/a
National Grid - Electric and Gas Rates

Request for Information

FROM: Denise Gerbsch
TO: Revenue Requirements Panel
SUBJECT: Expense Type #400 – Other, Follow up to DAG-14

Request:

The following questions refer to the below table-

- (a) Please provide the detail behind each charge listed in the table below. This should include a listing and description of all expenditures charged, a copy of the invoice(s) with the supporting detail (including the accounting string), the bill pool that the Company used to distribute the charge to the various affiliates, and support for the amount (or % of total charge) allocated to Niagara Mohawk. If for any of the items, the number of invoices is too voluminous, please provide the invoices for the 3 largest charge amounts.
- (b) For each item, please indicate if the Company has made any normalizing adjustments for the HY charge in deriving the RYE 3/14 forecast for expense type #400 – Other (or if the costs are now being reflected for the RY in another cost element). If an adjustment has been made, please identify explicitly where in the Company's filing, the adjustment can be seen and verified.

	<u>DAG-14</u>	<u>Vendor/Jrn Id</u>	<u>electric \$</u>	<u>gas \$</u>	<u>activity #</u>	<u>Orig BU</u>
(1)	Attach 1, pg 5	HSBC Corporate Credit Card	\$15,771	\$3,230	AG0110	Co 99
(2)	Attach 4, pg 7	Nat Grid Petty Cash Fund	\$657,831	\$76,571	AG0281	Co 99
(3)	Attach 4, pg 7	Nat Grid Petty Cash Fund	\$122,812	\$18,133	AG0282	Co 99
(4)	Attach 4, pg 8	Electrical Investigation & Consultir	\$33,614		AG0281	Co 36
(5)	Attach 4, pg 8	Electrical Investigation & Consultir	\$3,594		AG0284	Co 36
(6)	Attach 4, pg 12	Culver Company Inc	\$62,908	\$12,884	AG0485	Co 99
(7)	Attach 4, pg 14	Jrn Id #99389DS2	\$701,191	\$143,617	AG0276	Co 99
(8)	Attach 4, pg 14	Jrn Id #99389DS3	\$375,372	\$76,883	AG0276	Co 99
(9)	Attach 4, pg 14	Jrn Id #01682DS	\$1,121,539		AG0283	Co 0001
(10)	Attach 4, pg 14	Jrn Id #01682DS1	(\$674,338)		AG0283	Co 0001
(11)	Attach 6, pg10	Jrn Id #41630A	\$2,818,338		AG1007	Co 41
(12)	Attach 6, pg10	Jrn Id #41630A-2	(\$624,505)	\$624,505	AG1007	Co 41
(13)	Attach 9, pg 6	Kelliher Samets Volk	\$32,614		AG0164	Co 0005
(14)	Attach 9, pg 6	Kelliher Samets Volk		\$5,756	AG1164	Co 0005
(15)	Attach 15, pg 11	Christopher H Gilbert	\$5,000		AG0493	Co 36
(16)	Attach 15, pg 12	AT&T	\$612,040	\$125,358	AG0838	Co 36
(17)	Attach 15, pg 13	Equisales Associates, Inc	\$435,000		DM3000	Co 36
(18)	Attach 15, pg 14	Occidental Chemical Corporation	\$1,672,201		TO9000	Co 36
(19)	Attach 15, pg19	New York ISO	\$1,388,131		AG0090	Co 36
(20)	Attach 15, pg 20	Town of Boston	\$22,978		TM1195	Co 36
(21)	Attach 15, pg 24	HSBC Corporate Credit Card	\$53,087		AG0445	Co 99
(22)	Attach 15, pg 24	RR Donnelley	\$271,696	\$55,649	AG1001	Co 99
(23)	Attach 15, pg 24	Tension Envelope Corp	\$411,096	\$84,200	AG1001	Co 99
(24)	Attach 15, pg 25	JP Morgan Chase Bank	\$262,190	\$44,626	AG0730	Co 99
(25)	Attach 15, pg 25	Regulus Group LLC	\$624,824	\$117,636	AG0730	Co 99
(26)	Attach 15, pg 25	Arcos Inc	\$149,637	\$23,610	AG0040	Co 99
(27)	Attach 15, pg 26	Verizon Wireless	\$607,865		AG0435	Co 99
(28)	Attach 15, pg 27	HSBC Bank USA	\$68,354	\$14,000	AG0815	Co 99
(29)	Attach 15, pg 56	Nationwide Credit Inc	\$135,587	\$27,773	AG0990	Co 99
(30)	Attach 15, pg 58	BT Ins Inc	\$125,417	\$23,356	AG0865	Co 99
(31)	Attach 15, pg 58	Marriott International	\$74,322	\$12,699	AG0740	Co 99
(32)	Attach 15, pg 74	Jrn Id #AP0000000	\$2,647,010	\$505,291	AG0880	Co 36
(33)	Attach 15, pg 81	Jrn Id #PP99905293	\$806,381		DO3020	Co 36
(34)	Attach 15, pg 82	Jrn Id #PAFY11RES	\$1,074,393		DO3020	Co 36
(35)	Attach 15, pg 84	Jrn ID #AR00326613	\$298,551		AG0271	Co 36
(36)	Attach 15, pg 88	Jrn Id #PAFY11RES		\$348,663	G01000	Co 36
(37)	Attach 15, pg 93	Jrn ID #99618DS21	\$1,097,939	\$224,879	921000	Co 99
(38)	Attach 15, pg 93	Jrn ID #99614-17DS	\$627,000	\$0	AG0880	Co 99
(39)	Attach 15, pg 93	Jrn ID #99617_MK8	\$384,820	\$78,822	AG0990	Co 99
(40)	Attach 15, pg 94	Jrn ID #KSA0011253	\$125,298	\$67,822	921000	Co 431
(41)	Attach 15, pg 94	Jrn ID #KSA0013596	\$55,970	\$194,221	921000	Co 431
(42)	Attach 15, pg 95	Jrn ID #KSA0017082	\$91,871	\$82,704	921000	Co 431
(43)	Attach 15, pg 99	Jrn ID #KSA0011253	\$0	\$83,297	AG0146	Co 431
(44)	Attach 15, pg 99	Jrn ID #KSA00017082	\$0	\$216,721	AG0146	Co 431

Response:

- a. Please see Attachment 1 to DPS-440 (DAG-56) for the detail behind each charge listed in the table above, including accounting string, bill pool used and support for amount charged to Niagara Mohawk. Please see Attachment 2 to DPS-440 (DAG-56) for the copy of the invoices with supporting detail. For the following vendors, the number of invoices was too voluminous and we have provided invoices for the largest three charge amounts:

Nat Grid Petty Cash Fund (#2 and #3 on the above table)
AT&T (#16 on the above table)
Tension Envelope Corp (#23 on the above table)
JP Morgan Chase Bank (#24 on the above table)
Arcos Inc (#26 on the above table)

For Verizon Wireless (#27 on the above table), the size of the invoices was too voluminous and we have provided the summary sheets for all invoices.

Please see Attachment 3 to DPS-440 (DAG-56) for a copy of the journals with supporting detail.

Please see Attachment 4 to DPS-440 (DAG-56) for the detail behind the vendor HSBC Corporate Credit Card (#1 and #24 on the above table). This provides more detailed information that has been extracted from the Company's subledger system.

Please note, the Company will provide the supporting legacy KeySpan Oracle data for lines 40 through 44 on the table by Monday, August 6, 2012.

- b. Please see Attachment 1 to DPS-440 (DAG-56) for indication of whether a normalizing adjustment was made as well as the reference to where the adjustment was made in the filing.

Name of Respondent:
James M. Molloy

Date of Reply:
July 30, 2012

Niagara Mohawk Power Corporation
d/b/a National Grid
Case No. 12-E-0201 and 12-G-0202
Attachment 1 to DPS-440(DAG-56)
Page 1 of 21

DPS-440 (DAG-56)

Payables Details

Billing Pool	Nonutility Acct	Regulatory Acct Descr	Orig Business Unit	Orig Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payable \$	PDE Reference	Allocation Method	NIMO Electric	Allocation Size	NIMO Gas	Normalization	Exhibit Reference	Reasoning for Allocation to NIMO
00100	925000	Employee Pension & Benefits	00099	01/24/2011	22016	ARCOS INC	10	2011	\$2,590		83.000%	\$ 2,075.00	17.000%	\$ 425.00	No	N/A	Service directly attributable to NIMO
00100	925000	Employee Pension & Benefits	00099	01/28/2011	22184	ARCOS INC	10	2011	\$10,779		83.000%	\$ 8,531.29	17.000%	\$ 1,747.37	No	N/A	Service directly attributable to NIMO
00100	925000	Employee Pension & Benefits	00099	01/28/2011	22114	ARCOS INC	10	2011	\$9,791		83.000%	\$ 8,126.58	17.000%	\$ 1,664.48	No	N/A	Service directly attributable to NIMO
00100	925000	Employee Pension & Benefits	00099	01/28/2011	22184	ARCOS INC	10	2011	\$1,385		83.000%	\$ 1,149.18	17.000%	\$ 235.48	No	N/A	Service directly attributable to NIMO
00100	925000	Employee Pension & Benefits	00099	01/28/2011	22114	ARCOS INC	10	2011	\$1,196		83.000%	\$ 993.40	17.000%	\$ 203.24	No	N/A	Service directly attributable to NIMO
00100	925000	Employee Pension & Benefits	00099	01/28/2011	22184	ARCOS INC	10	2011	\$276		83.000%	\$ 229.45	17.000%	\$ 46.99	No	N/A	Service directly attributable to NIMO
00100	925000	Employee Pension & Benefits	00099	01/28/2011	22114	ARCOS INC	10	2011	\$236		83.000%	\$ 195.75	17.000%	\$ 40.99	No	N/A	Service directly attributable to NIMO
00100	925000	Employee Pension & Benefits	00099	02/14/2011	22236	ARCOS INC	11	2011	\$9,784		83.000%	\$ 8,120.62	17.000%	\$ 1,663.26	No	N/A	Service directly attributable to NIMO
00100	925000	Employee Pension & Benefits	00099	02/14/2011	22236	ARCOS INC	11	2011	\$1,164		83.000%	\$ 1,142.52	17.000%	\$ 231.96	No	N/A	Service directly attributable to NIMO
00100	925000	Employee Pension & Benefits	00099	02/14/2011	22236	ARCOS INC	11	2011	\$222		83.000%	\$ 184.58	17.000%	\$ 37.40	No	N/A	Service directly attributable to NIMO
925000		Employee Pension & Benefits	00099	04/29/2011	22306	ARCOS INC	1	2012	\$11,020		100.000%	\$ 11,019.61	0.000%	\$ -	No	N/A	Service directly attributable to NIMO
925000		Employee Pension & Benefits	00099	04/29/2011	22306	ARCOS INC	1	2012	\$1,232		0.000%	\$ -	100.000%	\$ 1,231.74	No	N/A	Service directly attributable to NIMO
925000		Employee Pension & Benefits	00099	04/29/2011	22306	ARCOS INC	1	2012	\$220		100.000%	\$ 219.64	0.000%	\$ -	No	N/A	Service directly attributable to NIMO
925000		Employee Pension & Benefits	00099	07/01/2011	22362	ARCOS INC	4	2012	\$9,978		100.000%	\$ 9,977.74	0.000%	\$ -	No	N/A	Service directly attributable to NIMO
925000		Employee Pension & Benefits	00099	07/01/2011	22428	ARCOS INC	4	2012	\$10,503		100.000%	\$ 10,501.94	0.000%	\$ -	No	N/A	Service directly attributable to NIMO
925000		Employee Pension & Benefits	00099	07/01/2011	22492	ARCOS INC	4	2012	\$11,095		100.000%	\$ 11,095.32	0.000%	\$ -	No	N/A	Service directly attributable to NIMO
925000		Employee Pension & Benefits	00099	07/01/2011	22492	ARCOS INC	4	2012	\$1,231		0.000%	\$ -	100.000%	\$ 1,231.64	No	N/A	Service directly attributable to NIMO
925000		Employee Pension & Benefits	00099	07/01/2011	22428	ARCOS INC	4	2012	\$1,050		0.000%	\$ -	100.000%	\$ 1,050.93	No	N/A	Service directly attributable to NIMO
925000		Employee Pension & Benefits	00099	07/01/2011	22492	ARCOS INC	4	2012	\$1,084		0.000%	\$ -	100.000%	\$ 1,084.10	No	N/A	Service directly attributable to NIMO
925000		Employee Pension & Benefits	00099	07/01/2011	22362	ARCOS INC	4	2012	\$225		100.000%	\$ 224.70	0.000%	\$ -	No	N/A	Service directly attributable to NIMO
925000		Employee Pension & Benefits	00099	07/01/2011	22428	ARCOS INC	4	2012	\$358		100.000%	\$ 358.44	0.000%	\$ -	No	N/A	Service directly attributable to NIMO
925000		Employee Pension & Benefits	00099	07/01/2011	22492	ARCOS INC	4	2012	\$411		100.000%	\$ 411.13	0.000%	\$ -	No	N/A	Service directly attributable to NIMO
00100	925000	Employee Pension & Benefits	00099	08/05/2011	22575	ARCOS INC	5	2012	\$11,405	Attachment 2 to DPS-440(DAG-56) pg 21 to 24	83.000%	\$ 9,515.62	17.000%	\$ 1,948.99	No	N/A	Service directly attributable to NIMO
00100	925000	Employee Pension & Benefits	00099	08/15/2011	22643	ARCOS INC	5	2012	\$5,151		83.000%	\$ 4,255.20	17.000%	\$ 875.64	No	N/A	Service directly attributable to NIMO
00100	925000	Employee Pension & Benefits	00099	08/19/2011	22644	ARCOS INC	5	2012	\$13,499	Attachment 2 to DPS-440(DAG-56) pg 25 to 26	83.000%	\$ 11,201.02	17.000%	\$ 2,294.15	No	N/A	Service directly attributable to NIMO
00100	925000	Employee Pension & Benefits	00099	08/19/2011	22645	ARCOS INC	5	2012	\$10,492		83.000%	\$ 8,708.75	17.000%	\$ 1,783.72	No	N/A	Service directly attributable to NIMO
00100	925000	Employee Pension & Benefits	00099	08/05/2011	22575	ARCOS INC	5	2012	\$1,084		83.000%	\$ 899.80	17.000%	\$ 184.30	No	N/A	Service directly attributable to NIMO
00100	925000	Employee Pension & Benefits	00099	08/05/2011	22575	ARCOS INC	5	2012	\$184		83.000%	\$ 152.89	17.000%	\$ 31.31	No	N/A	Service directly attributable to NIMO
00100	925000	Employee Pension & Benefits	00099	08/28/2011	22731	ARCOS INC	6	2012	\$10,949		83.000%	\$ 9,079.58	17.000%	\$ 1,859.67	No	N/A	Service directly attributable to NIMO
925000		Employee Pension & Benefits	00099	09/28/2011	22731	ARCOS INC	6	2012	\$874		0.000%	\$ -	100.000%	\$ 873.68	No	N/A	Service directly attributable to NIMO
925000		Employee Pension & Benefits	00099	09/28/2011	22731	ARCOS INC	6	2012	\$191		100.000%	\$ 190.96	0.000%	\$ -	No	N/A	Service directly attributable to NIMO
925000		Employee Pension & Benefits	00099	10/17/2011	22805	ARCOS INC	7	2012	\$11,328	Attachment 2 to DPS-440(DAG-56) pg 27 to 28	100.000%	\$ 11,328.44	0.000%	\$ -	No	N/A	Service directly attributable to NIMO
00100	925000	Employee Pension & Benefits	00099	10/17/2011	22805	ARCOS INC	7	2012	\$1,163		83.000%	\$ 965.51	17.000%	\$ 197.73	No	N/A	Service directly attributable to NIMO
00100	925000	Employee Pension & Benefits	00099	10/17/2011	22805	ARCOS INC	7	2012	\$194		83.000%	\$ 161.39	17.000%	\$ 33.65	No	N/A	Service directly attributable to NIMO
925000		Employee Pension & Benefits	00099	11/17/2011	22875	ARCOS INC	8	2012	\$10,919		100.000%	\$ 10,916.94	0.000%	\$ -	No	N/A	Service directly attributable to NIMO
00100	925000	Employee Pension & Benefits	00099	11/17/2011	22875	ARCOS INC	8	2012	\$8,995		83.000%	\$ 7,465.82	17.000%	\$ 1,529.10	No	N/A	Service directly attributable to NIMO
925000		Employee Pension & Benefits	00099	11/17/2011	22875	ARCOS INC	8	2012	\$1,091		0.000%	\$ -	100.000%	\$ 1,090.88	No	N/A	Service directly attributable to NIMO
925000		Employee Pension & Benefits	00099	11/17/2011	22875	ARCOS INC	8	2012	\$205		100.000%	\$ 205.38	0.000%	\$ -	No	N/A	Service directly attributable to NIMO
00100	930200	ARC-Misc Expenses	00099	02/09/2011	2011 01 10HSREG_A_1	HSBC CORPORATE CARD SERVICES	11	2011	\$110		83.000%	\$ 91.58	17.000%	\$ 18.76	YES - shown in SIR Expense RRP-3, Schedule 40	N/A	Service directly attributable to NIMO
00100	930200	ARC-Misc Expenses	00099	02/09/2011	2011 02 10HSREG_A_1	HSBC CORPORATE CARD SERVICES	11	2011	\$111		83.000%	\$ 91.85	17.000%	\$ 18.81	YES - shown in SIR Expense RRP-3, Schedule 40	N/A	Service directly attributable to NIMO
00100	930200	ARC-Misc Expenses	00099	02/09/2011	2011 01 10HSREG_A_1	HSBC CORPORATE CARD SERVICES	11	2011	\$3,290		83.000%	\$ 2,731.05	17.000%	\$ 559.47	YES - shown in SIR Expense RRP-3, Schedule 40	N/A	Service directly attributable to NIMO
00100	930200	ARC-Misc Expenses	00099	02/09/2011	2011 02 10HSREG_A_1	HSBC CORPORATE CARD SERVICES	11	2011	\$1,121		83.000%	\$ 932.12	17.000%	\$ 190.92	YES - shown in SIR Expense RRP-3, Schedule 40	N/A	Service directly attributable to NIMO
00100	930200	ARC-Misc Expenses	00099	02/09/2011	2011 02 10HSREG_A_1	HSBC CORPORATE CARD SERVICES	11	2011	\$150		83.000%	\$ 124.50	17.000%	\$ 25.50	YES - shown in SIR Expense RRP-3, Schedule 40	N/A	Service directly attributable to NIMO

DPS-440 (DAG-56)

Payables Details

Bill-to-Pool	Regulatory Acct	Regulatory Acct Desc	Orig Business Unit	Ent Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payable \$	PDF Reference	Allocation Electric	NMDO Electric	Allocation Gas	NMDO Gas	Normalization	Exhibit Reference	Reasoning for Allocation to NMDO
00100	930200	Alt-G-Misc Expenses	00099	03-21-2011	2011-03-18HSREG_A_3	HSBC CORPORATE CARD SERVICES	12	2011	\$75		\$3,000%	\$	20.75	17,000%	\$	4.25 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	03-21-2011	2011-03-18HSREG_A_3	HSBC CORPORATE CARD SERVICES	12	2011	\$150		\$3,000%	\$	124.50	17,000%	\$	25.50 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	03-21-2011	2011-03-18HSREG_A_3	HSBC CORPORATE CARD SERVICES	12	2011	\$111		\$3,000%	\$	91.85	17,000%	\$	18.81 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	03-21-2011	2011-03-18HSREG_A_3	HSBC CORPORATE CARD SERVICES	12	2011	\$554		\$3,000%	\$	459.55	17,000%	\$	94.13 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	03-21-2011	2011-03-18HSREG_A_3	HSBC CORPORATE CARD SERVICES	12	2011	\$450		\$3,000%	\$	373.50	17,000%	\$	76.50 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	04-29-2011	2011-04-18HSREG_B_1	HSBC CORPORATE CARD SERVICES	1	2012	\$111		\$3,000%	\$	91.85	17,000%	\$	18.81 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	04-29-2011	2011-04-18HSREG_B_1	HSBC CORPORATE CARD SERVICES	1	2012	\$531		\$3,000%	\$	440.65	17,000%	\$	90.25 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	05-21-2011	2011-05-17HSREG_A_2	HSBC CORPORATE CARD SERVICES	7	2012	\$111		\$3,000%	\$	91.78	17,000%	\$	18.80 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	05-21-2011	2011-05-17HSREG_A_2	HSBC CORPORATE CARD SERVICES	7	2012	\$531		\$3,000%	\$	440.52	17,000%	\$	90.23 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	07-29-2011	2011-07-18HSREG_A_2	HSBC CORPORATE CARD SERVICES	4	2012	\$223		\$3,000%	\$	184.98	17,000%	\$	37.89 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	07-01-2011	2011-06-17HSREG_A_2	HSBC CORPORATE CARD SERVICES	4	2012	\$767		\$3,000%	\$	586.74	17,000%	\$	120.17 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	07-29-2011	2011-07-18HSREG_A_2	HSBC CORPORATE CARD SERVICES	4	2012	\$570		\$3,000%	\$	472.93	17,000%	\$	95.86 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	10-24-2011	2011-10-18HSREG_A_2	HSBC CORPORATE CARD SERVICES	7	2012	\$111		\$3,000%	\$	91.74	17,000%	\$	18.79 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	10-24-2011	2011-09-18HSREG_A_2	HSBC CORPORATE CARD SERVICES	7	2012	\$111		\$3,000%	\$	91.74	17,000%	\$	18.79 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	10-24-2011	2011-08-18HSREG_A_2	HSBC CORPORATE CARD SERVICES	7	2012	\$1,456		\$3,000%	\$	1,208.51	17,000%	\$	247.55 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	10-24-2011	2011-09-18HSREG_A_2	HSBC CORPORATE CARD SERVICES	7	2012	\$914		\$3,000%	\$	775.29	17,000%	\$	152.79 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	10-24-2011	2011-08-18HSREG_A_2	HSBC CORPORATE CARD SERVICES	7	2012	\$1,088		\$3,000%	\$	903.24	17,000%	\$	183.01 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	10-24-2011	2011-10-18HSREG_A_2	HSBC CORPORATE CARD SERVICES	7	2012	\$2,280		\$3,000%	\$	1,892.34	17,000%	\$	387.59 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	11-18-2011	2011-11-18HSREG_B_1	HSBC CORPORATE CARD SERVICES	8	2012	\$2,810		\$3,000%	\$	2,332.30	17,000%	\$	477.70 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	11-18-2011	2011-11-18HSREG_A_1	HSBC CORPORATE CARD SERVICES	8	2012	\$521		\$3,000%	\$	432.42	17,000%	\$	84.57 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	12-16-2011	2011-12-17HSREG_A_1	HSBC CORPORATE CARD SERVICES	9	2012	\$227		\$3,000%	\$	188.81	17,000%	\$	34.67 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
00100	930200	Alt-G-Misc Expenses	00099	12-16-2011	2011-12-17HSREG_A_1	HSBC CORPORATE CARD SERVICES	9	2012	\$496		\$3,000%	\$	411.67	17,000%	\$	84.32 YES - shown in SIR Expense RRP-3, Schedule 40	Service directly attributable to NMDO
925000		Injuries & Damages Insurance	00099	01-07-2011	01-05-11	NATIONAL GRID PETTY CASH FUND	10	2011	\$199		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 266
925000		Injuries & Damages Insurance	00099	01-11-2011	790	NATIONAL GRID PETTY CASH FUND	10	2011	\$356		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 267
925000		Injuries & Damages Insurance	00099	01-27-2011	795	NATIONAL GRID PETTY CASH FUND	10	2011	\$1,050		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 269
925000		Injuries & Damages Insurance	00099	01-31-2011	797	NATIONAL GRID PETTY CASH FUND	10	2011	\$2,882		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 270
00234	925000	Injuries & Damages Insurance	00099	01-07-2011	01-05-11	NATIONAL GRID PETTY CASH FUND	10	2011	\$537		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 271
00234	925000	Injuries & Damages Insurance	00099	01-27-2011	793	NATIONAL GRID PETTY CASH FUND	10	2011	\$680		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 272
925000		Injuries & Damages Insurance	00099	02-08-2011	799	NATIONAL GRID PETTY CASH FUND	11	2011	\$650		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 273
925000		Injuries & Damages Insurance	00099	02-09-2011	800	NATIONAL GRID PETTY CASH FUND	11	2011	\$1,878		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 274
925000		Injuries & Damages Insurance	00099	02-15-2011	803	NATIONAL GRID PETTY CASH FUND	11	2011	\$3,013		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 275
925000		Injuries & Damages Insurance	00099	02-15-2011	802	NATIONAL GRID PETTY CASH FUND	11	2011	\$3,016		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 276
925000		Injuries & Damages Insurance	00099	02-24-2011	805	NATIONAL GRID PETTY CASH FUND	11	2011	\$557		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 277
925000		Injuries & Damages Insurance	00099	03-03-2011	807	NATIONAL GRID PETTY CASH FUND	12	2011	\$3,431		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 278
925000		Injuries & Damages Insurance	00099	03-10-2011	809	NATIONAL GRID PETTY CASH FUND	12	2011	\$1,896		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 279
925000		Injuries & Damages Insurance	00099	03-29-2011	816	NATIONAL GRID PETTY CASH FUND	12	2011	\$4,090		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 280
925000		Injuries & Damages Insurance	00099	03-29-2011	815	NATIONAL GRID PETTY CASH FUND	12	2011	\$98		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 281
925000		Injuries & Damages Insurance	00099	03-31-2011	817	NATIONAL GRID PETTY CASH FUND	12	2011	\$1,275		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 282
925000		Injuries & Damages Insurance	00099	03-10-2011	809	NATIONAL GRID PETTY CASH FUND	12	2011	\$1,861		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 283
00234	925000	Injuries & Damages Insurance	00099	03-22-2011	813	NATIONAL GRID PETTY CASH FUND	12	2011	\$145		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 284
925000		Injuries & Damages Insurance	00099	04-04-2011	818	NATIONAL GRID PETTY CASH FUND	1	2012	\$1,030		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 285
925000		Injuries & Damages Insurance	00099	04-06-2011	821	NATIONAL GRID PETTY CASH FUND	1	2012	\$370		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 286
925000		Injuries & Damages Insurance	00099	04-11-2011	822	NATIONAL GRID PETTY CASH FUND	1	2012	\$1,814		0.000%	\$	-	0.000%	\$	-	- reclassified to Injuries & Damages Insurance RRP-3, Schedule 40 See E&Y support file C1 021 & C1 286

Payables Details

Account	Regulatory Asset	Regulatory Asset Owner	Core Business Unit	Fiscal Year	Invoice No.	Vintage	Period	Fiscal Yr	Total Payables \$	PDE Reference	Allocation Electric	NMIO Electric	Allocation Gas	NMIO Gas	Normalization	Exhibit Reference	Reasoning for Allocation to NMIO
00241	925600	Insurance & Damages Insurance	00099	10-17-2011	889	NATIONAL GRID PETTY CASH FUND	7	2012	\$8,087		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	10-17-2011	890	NATIONAL GRID PETTY CASH FUND	7	2012	\$1,432		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	10-18-2011	891	NATIONAL GRID PETTY CASH FUND	7	2012	\$80		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	10-27-2011	896	NATIONAL GRID PETTY CASH FUND	7	2012	\$147		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	10-25-2011	895	NATIONAL GRID PETTY CASH FUND	7	2012	\$713		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	10-27-2011	896	NATIONAL GRID PETTY CASH FUND	7	2012	\$431		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	10-17-2011	889	NATIONAL GRID PETTY CASH FUND	7	2012	\$521		31.121% \$	177.83	2.830% \$	30.34	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	11-01-2011	899	NATIONAL GRID PETTY CASH FUND	8	2012	\$77		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	11-09-2011	901	NATIONAL GRID PETTY CASH FUND	8	2012	\$382		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	11-09-2011	901	NATIONAL GRID PETTY CASH FUND	8	2012	\$2,616		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
00245	925600	Insurance & Damages Insurance	00099	11-17-2011	905	NATIONAL GRID PETTY CASH FUND	8	2012	\$1,150		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	11-21-2011	906	NATIONAL GRID PETTY CASH FUND	8	2012	\$20		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	11-23-2011	908	NATIONAL GRID PETTY CASH FUND	8	2012	\$778		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	11-30-2011	910	NATIONAL GRID PETTY CASH FUND	8	2012	\$981		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	11-01-2011	899	NATIONAL GRID PETTY CASH FUND	8	2012	\$1,951		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	12-05-2011	914	NATIONAL GRID PETTY CASH FUND	9	2012	\$6,042		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	12-14-2011	915	NATIONAL GRID PETTY CASH FUND	9	2012	\$695		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	12-21-2011	916	NATIONAL GRID PETTY CASH FUND	9	2012	\$575		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	12-21-2011	917	NATIONAL GRID PETTY CASH FUND	9	2012	\$1,975		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	01-06-2011	788	NATIONAL GRID PETTY CASH FUND	10	2011	\$1,925		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
00249	925600	Insurance & Damages Insurance	00099	01-07-2011	01 05 11	NATIONAL GRID PETTY CASH FUND	10	2011	\$1,595		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	01-11-2011	790	NATIONAL GRID PETTY CASH FUND	10	2011	\$3,111		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	01-11-2011	791	NATIONAL GRID PETTY CASH FUND	10	2011	\$1,501		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	01-27-2011	794	NATIONAL GRID PETTY CASH FUND	10	2011	\$4,301		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	01-27-2011	795	NATIONAL GRID PETTY CASH FUND	10	2011	\$4,333		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	01-27-2011	791	NATIONAL GRID PETTY CASH FUND	10	2011	\$2,660		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	01-31-2011	797	NATIONAL GRID PETTY CASH FUND	10	2011	\$3,348		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	01-11-2011	786	NATIONAL GRID PETTY CASH FUND	10	2011	\$6,799		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	01-11-2011	790	NATIONAL GRID PETTY CASH FUND	10	2011	\$465		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	01-27-2011	794	NATIONAL GRID PETTY CASH FUND	10	2011	\$206		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
00253	925600	Insurance & Damages Insurance	00099	01-27-2011	793	NATIONAL GRID PETTY CASH FUND	10	2011	\$123		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	01-27-2011	791	NATIONAL GRID PETTY CASH FUND	10	2011	\$796		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	01-11-2011	797	NATIONAL GRID PETTY CASH FUND	10	2011	\$3,366		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	01-03-2011	786	NATIONAL GRID PETTY CASH FUND	10	2011	\$169		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	01-11-2011	798	NATIONAL GRID PETTY CASH FUND	10	2011	\$3,179		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	02-04-2011	796	NATIONAL GRID PETTY CASH FUND	11	2011	\$4,009		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	02-08-2011	799	NATIONAL GRID PETTY CASH FUND	11	2011	\$14,894		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	02-09-2011	800	NATIONAL GRID PETTY CASH FUND	11	2011	\$12,287		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	02-15-2011	804	NATIONAL GRID PETTY CASH FUND	11	2011	\$2,424		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	02-15-2011	803	NATIONAL GRID PETTY CASH FUND	11	2011	\$134		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
00255	925600	Insurance & Damages Insurance	00099	02-15-2011	802	NATIONAL GRID PETTY CASH FUND	11	2011	\$7,913		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	02-24-2011	805	NATIONAL GRID PETTY CASH FUND	11	2011	\$6,062		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	02-24-2011	806	NATIONAL GRID PETTY CASH FUND	11	2011	\$854		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	03-03-2011	808	NATIONAL GRID PETTY CASH FUND	12	2011	\$100		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	03-03-2011	808	NATIONAL GRID PETTY CASH FUND	12	2011	\$100		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	03-03-2011	808	NATIONAL GRID PETTY CASH FUND	12	2011	\$100		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	03-03-2011	808	NATIONAL GRID PETTY CASH FUND	12	2011	\$100		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	03-03-2011	808	NATIONAL GRID PETTY CASH FUND	12	2011	\$100		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	03-03-2011	808	NATIONAL GRID PETTY CASH FUND	12	2011	\$100		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312
	925600	Insurance & Damages Insurance	00099	03-03-2011	808	NATIONAL GRID PETTY CASH FUND	12	2011	\$100		0.000% \$	-	0.000% \$	-	- reclassified to Insurance & Dam	Exhibit RRP-3, Sched C1 312	See E&Y support file C1 021 & C1 312

Billing Period	Regulatory Act	Regulatory Act Desc	Orig. Request Unit	Final Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payables\$	PDF Reference	Allocation Electric	NMCO Electric	Allocation Gas	NMCO Gas	Normalization	Exhibit Reference	Reason for Allocation to NMCO	
9/25000	Regulatory Act	Regulatory Act Desc	00099	03/05/2011	807	NATIONAL GRID PETTY CASH FUND	12	2011	\$7,625		0.000% \$	-	0.000% \$	-	-	reclaimed to Inquiries & Dam	Exhibit RRP-3, Sched C1 177	See E&Y support file C1 021 & C1 177
9/25000	Regulatory Act	Regulatory Act Desc	00099	03/08/2011	808	NATIONAL GRID PETTY CASH FUND	12	2011	\$2,731		0.000% \$	-	0.000% \$	-	-	reclaimed to Inquiries & Dam	Exhibit RRP-3, Sched C1 176	See E&Y support file C1 021 & C1 176
9/25000	Regulatory Act	Regulatory Act Desc	00099	03/10/2011	809	NATIONAL GRID PETTY CASH FUND	12	2011	\$4,146		0.000% \$	-	0.000% \$	-	-	reclaimed to Inquiries & Dam	Exhibit RRP-3, Sched C1 177	See E&Y support file C1 021 & C1 177
9/25000	Regulatory Act	Regulatory Act Desc	00099	03/10/2011	810	NATIONAL GRID PETTY CASH FUND	12	2011	\$7,075		0.000% \$	-	0.000% \$	-	-	reclaimed to Inquiries & Dam	Exhibit RRP-3, Sched C1 177	See E&Y support file C1 021 & C1 177
9/25000	Regulatory Act	Regulatory Act Desc	00099	03/10/2011	811	NATIONAL GRID PETTY CASH FUND	12	2011	\$2,536		0.000% \$	-	0.000% \$	-	-	reclaimed to Inquiries & Dam	Exhibit RRP-3, Sched C1 177	See E&Y support file C1 021 & C1 177
9/25000	Regulatory Act	Regulatory Act Desc	00099	03/16/2011	812	NATIONAL GRID PETTY CASH FUND	12	2011	\$1,430		0.000% \$	-	0.000% \$	-	-	reclaimed to Inquiries & Dam	Exhibit RRP-3, Sched C1 180	See E&Y support file C1 021 & C1 180
9/25000	Regulatory Act	Regulatory Act Desc	00099	03/22/2011	813	NATIONAL GRID PETTY CASH FUND	12	2011	\$3,627		0.000% \$	-	0.000% \$	-	-	reclaimed to Inquiries & Dam	Exhibit RRP-3, Sched C1 182	See E&Y support file C1 021 & C1 182
9/25000	Regulatory Act	Regulatory Act Desc	00099	03/28/2011	814	NATIONAL GRID PETTY CASH FUND	12	2011	\$2,122		0.000% \$	-	0.000% \$	-	-	reclaimed to Inquiries & Dam	Exhibit RRP-3, Sched C1 182	See E&Y support file C1 021 & C1 182
9/25000	Regulatory Act	Regulatory Act Desc	00099	03/29/2011	816	NATIONAL GRID PETTY CASH FUND	12	2011	\$4,655		0.000% \$	-	0.000% \$	-	-	reclaimed to Inquiries & Dam	Exhibit RRP-3, Sched C1 183	See E&Y support file C1 021 & C1 183
9/25000	Regulatory Act	Regulatory Act Desc	00099	03/29/2011	815	NATIONAL GRID PETTY CASH FUND	12	2011	\$10,465		0.000% \$	-	0.000% \$	-	-	reclaimed to Inquiries & Dam	Exhibit RRP-3, Sched C1 183	See E&Y support file C1 021 & C1 183
9/25000	Regulatory Act	Regulatory Act Desc	00099	03/31/2011	817	NATIONAL GRID PETTY CASH FUND	12	2011	\$2,196		0.000% \$	-	0.000% \$	-	-	reclaimed to Inquiries & Dam	Exhibit RRP-3, Sched C1 185	See E&Y support file C1 021 & C1 185
9/25000	Regulatory Act	Regulatory Act Desc	00099	03/10/2011	809	NATIONAL GRID PETTY CASH FUND	12	2011	\$1,041		0.000% \$	-	0.000% \$	-	-	reclaimed to Inquiries & Dam	Exhibit RRP-3, Sched C1 186	See E&Y support file C1 021 & C1 186
9/25000	Regulatory Act	Regulatory Act Desc	00099	03/10/2011	811	NATIONAL GRID PETTY CASH FUND	12	2011	\$441		0.000% \$	-	0.000% \$	-	-	reclaimed to Inquiries & Dam	Exhibit RRP-3, Sched C1 187	See E&Y support file C1 021 & C1 187
9/25000	Regulatory Act	Regulatory Act Desc	00099	03/28/2011	814	NATIONAL GRID PETTY CASH FUND	12	2011	\$1,259		0.000% \$	-	0.000% \$	-	-	reclaimed to Inquiries & Dam	Exhibit RRP-3, Sched C1 188	See E&Y support file C1 021 & C1 188
9/25000	Regulatory Act	Regulatory Act Desc	00099	03/29/2011	816	NATIONAL GRID PETTY CASH FUND	12	2011	\$265		0.000% \$	-	0.000% \$	-	-	reclaimed to Inquiries & Dam	Exhibit RRP-3, Sched C1 189	See E&Y support file C1 021 & C1 189
9/25000	Regulatory Act	Regulatory Act Desc	00099	03/29/2011	815	NATIONAL GRID PETTY CASH FUND	12	2011	\$190		0.000% \$	-	0.000% \$	-	-	reclaimed to Inquiries & Dam	Exhibit RRP-3, Sched C1 189	See E&Y support file C1 021 & C1 189
9/25000	Regulatory Act	Regulatory Act Desc	00099	04/04/2011	819	NATIONAL GRID PETTY CASH FUND	1	2012	\$508		0.000% \$	-	0.000% \$	-	-	reclaimed to Inquiries & Dam	Exhibit RRP-3, Sched C1 191	See E&Y support file C1 021 & C1 191
9/25000	Regulatory Act	Regulatory Act Desc	00099	04/04/2011	818	NATIONAL GRID PETTY CASH FUND	1	2012	\$7,119		0.000% \$	-	0.000% \$	-	-	reclaimed to Inquiries & Dam	Exhibit RRP-3, Sched C1 192	See E&Y support file C1 021 & C1 192
9/25000	Regulatory Act	Regulatory Act Desc	00099	04/06/2011	820	NATIONAL GRID PETTY CASH FUND	1	2012	\$1,976		0.000% \$	-	0.000% \$	-	-	reclaimed to Inquiries & Dam	Exhibit RRP	

Line Item	Regulation Asset	Regulatory Asset Description	Original Business Unit	Fiscal Date	Average Fee	Vendor	Period	Fiscal Yr.	Total Payments \$	PDF Reference	Reasoning for Allocation to NNOG	NINO Specific	Allocation G/L	NINO G/L	Normalization	Exhibit Reference	Reasoning for Allocation to NNOG
925000	Insurance	Insurance & Damages Insurance	00099	06-27-2011	\$43	NATIONAL GRID PETTY CASH FUND	3	2012	\$1,611		0.000% \$ -	-	0.000% \$ -	-	-reclaimed to Injuries & Dam	Exhibit RRP-V, Sched C1 419	See E&Y support file C1 021 & C1 419
925000	Insurance	Insurance & Damages Insurance	00099	06-27-2011	\$44	NATIONAL GRID PETTY CASH FUND	3	2012	\$1,736		0.000% \$ -	-	0.000% \$ -	-	-reclaimed to Injuries & Dam	Exhibit RRP-V, Sched C1 420	See E&Y support file C1 021 & C1 420
925000	Insurance	Insurance & Damages Insurance	00099	06-27-2011	\$45	NATIONAL GRID PETTY CASH FUND	3	2012	\$7,725		0.000% \$ -	-	0.000% \$ -	-	-reclaimed to Injuries & Dam	Exhibit RRP-V, Sched C1 421	See E&Y support file C1 021 & C1 421
925000	Insurance	Insurance & Damages Insurance	00099	06-27-2011	\$47	NATIONAL GRID PETTY CASH FUND	3	2012	\$1,000		0.000% \$ -	-	0.000% \$ -	-	-reclaimed to Injuries & Dam	Exhibit RRP-V, Sched C1 422	See E&Y support file C1 021 & C1 422
925000	Insurance	Insurance & Damages Insurance	00099	06-27-2011	\$42	NATIONAL GRID PETTY CASH FUND	3	2012	\$4,198		0.000% \$ -	-	0.000% \$ -	-	-reclaimed to Injuries & Dam	Exhibit RRP-V, Sched C1 423	See E&Y support file C1 021 & C1 423
925000	Insurance	Insurance & Damages Insurance	00099	06-27-2011	\$48	NATIONAL GRID PETTY CASH FUND	3	2012	\$4,483		0.000% \$ -	-	0.000% \$ -	-	-reclaimed to Injuries & Dam	Exhibit RRP-V, Sched C1 424	See E&Y support file C1 021 & C1 424
925000	Insurance	Insurance & Damages Insurance	00099	06-27-2011	\$40	NATIONAL GRID PETTY CASH FUND	3	2012	\$1,430		0.000% \$ -	-	0.000% \$ -	-	-reclaimed to Injuries & Dam	Exhibit RRP-V, Sched C1 425	See E&Y support file C1 021 & C1 425
925000	Insurance	Insurance & Damages Insurance	00099	06-27-2011	\$41	NATIONAL GRID PETTY CASH FUND	3	2012	\$80		0.000% \$ -	-	0.000% \$ -	-	-reclaimed to Injuries & Dam	Exhibit RRP-V, Sched C1 426	See E&Y support file C1 021 & C1 426
925000	Insurance	Insurance & Damages Insurance	00099	06-27-2011	\$45	NATIONAL GRID PETTY CASH FUND	3	2012	\$2,050		0.000% \$ -	-	0.000% \$ -	-	-reclaimed to Injuries & Dam	Exhibit RRP-V, Sched C1 427	See E&Y support file C1 021 & C1 427
925000	Insurance	Insurance & Damages Insurance	00099	06-27-2011	\$47	NATIONAL GRID PETTY CASH FUND	3	2012	\$1,341		0.000% \$ -	-	0.000% \$ -	-	-reclaimed to Injuries & Dam	Exhibit RRP-V, Sched C1 428	See E&Y support file C1 021 & C1 428
925000	Insurance	Insurance & Damages Insurance	00099	06-27-2011	\$18	NATIONAL GRID PETTY CASH FUND	3	2012	\$1,120		0.000% \$ -	-	0.000% \$ -	-	-reclaimed to Injuries & Dam	Exhibit RRP-V, Sched C1 429	See E&Y support file C1 021 & C1 429
925000	Insurance	Insurance & Damages Insurance	00099	06-27-2011	\$42	NATIONAL GRID PETTY CASH FUND	3	2012	\$722		0.000% \$ -	-	0.000% \$ -	-	-reclaimed to Injuries & Dam	Exhibit RRP-V, Sched C1 430	See E&Y support file C1 021 & C1 430
925000	Insurance	Insurance & Damages Insurance	00099	07-01-2011	\$49	NATIONAL GRID PETTY CASH FUND	4	2012	\$1,076		0.000% \$ -	-	0.000% \$ -	-	-reclaimed to Injuries & Dam	Exhibit RRP-V, Sched C1 431	See E&Y support file C1 021 & C1 431
925000	Insurance	Insurance & Damages Insurance	00099	07-01-2011	\$51	NATIONAL GRID PETTY CASH FUND	4	2012	\$2,164		0.000% \$ -	-	0.000% \$ -	-	-reclaimed to Injuries & Dam	Exhibit RRP-V, Sched C1 432	See E&Y support file C1 021 & C1 432
925000	Insurance	Insurance & Damages Insurance	00099	07-06-2011	\$52	NATIONAL GRID PETTY CASH FUND	4	2012	\$1,666		0.000% \$ -	-	0.000% \$ -	-	-reclaimed to Injuries & Dam	Exhibit RRP-V, Sched C1 433	See E&Y support file C1 021 & C1 433
925000	Insurance	Insurance & Damages Insurance	00099	07-07-2011	\$53	NATIONAL GRID PETTY CASH FUND	4	2012	\$473		0.000% \$ -	-	0.000% \$ -	-	-reclaimed to Injuries & Dam	Exhibit RRP-V, Sched C1 434	See E&Y support file C1 021 & C1 434
925000	Insurance	Insurance & Damages Insurance	00099	07-07-2011	\$54	NATIONAL GRID PETTY CASH FUND	4	2012	\$7,441		0.000% \$ -	-	0.000% \$ -	-	-reclaimed to Injuries & Dam	Exhibit RRP-V, Sched C1 435	See E&Y support file C1 021 & C1 435
925000	Insurance	Insurance & Damages Insurance	00099	07-14-2011	\$50	NATIONAL GRID PETTY CASH FUND	4	2012	\$9,145		0.000% \$ -	-	0.000% \$ -	-	-reclaimed to Injuries & Dam	Exhibit RRP-V, Sched C1 436	See E&Y support file C1 021 & C1 436
925000	Insurance	Insurance & Damages Insurance	00099	07-20-2011	\$56	NATIONAL GRID PETTY CASH FUND	4	2012	\$3,115		0.000% \$ -	-	0.000% \$ -	-	-reclaimed to Injuries & Dam	Exhibit RRP-V, Sched C1 437	See E&Y support file C1 021 & C1 437
925000	Insurance	Insurance & Damages Insurance	00099	07-20-2011	\$55</												

DPS-440 (DAG-56)

Payables Details

Bill Line	Regulatory Act	Regulatory Act Desc	Orig Business Unit	Am Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payable \$	PDE Reference	Allocation Electric	NIMO Electric	Allocation Gas	NIMO Gas	Normalisation	Exhibit Reference	Reasoning for Allocation to NIMO	
00235	925000	Insurance & Damages Insurance	00099	08/29/2011	874	NATIONAL GRID PETTY CASH FUND	5	2012	\$1,966		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 463 See E&Y support file C1 021 & C1 463
	925000	Insurance & Damages Insurance	00099	08/03/2011	862	NATIONAL GRID PETTY CASH FUND	5	2012	\$141		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 464 See E&Y support file C1 021 & C1 464
	925000	Insurance & Damages Insurance	00099	09/04/2011	865	NATIONAL GRID PETTY CASH FUND	5	2012	\$5,867		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 465 See E&Y support file C1 021 & C1 465
	925000	Insurance & Damages Insurance	00099	05/12/2011	868	NATIONAL GRID PETTY CASH FUND	5	2012	\$32		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 466 See E&Y support file C1 021 & C1 466
	925000	Insurance & Damages Insurance	00099	08/17/2011	870	NATIONAL GRID PETTY CASH FUND	5	2012	\$209		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 467 See E&Y support file C1 021 & C1 467
	925000	Insurance & Damages Insurance	00099	08/19/2011	871	NATIONAL GRID PETTY CASH FUND	5	2012	\$514		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 468 See E&Y support file C1 021 & C1 468
	925000	Insurance & Damages Insurance	00099	08/22/2011	872	NATIONAL GRID PETTY CASH FUND	5	2012	\$465		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 469 See E&Y support file C1 021 & C1 469
	925000	Insurance & Damages Insurance	00099	08/29/2011	873	NATIONAL GRID PETTY CASH FUND	5	2012	\$2,185		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 470 See E&Y support file C1 021 & C1 470
	925000	Insurance & Damages Insurance	00099	08/29/2011	874	NATIONAL GRID PETTY CASH FUND	5	2012	\$416		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 471 See E&Y support file C1 021 & C1 471
	925000	Insurance & Damages Insurance	00099	08/03/2011	864	NATIONAL GRID PETTY CASH FUND	5	2012	\$1,115		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 472 See E&Y support file C1 021 & C1 472
	925000	Insurance & Damages Insurance	00099	09/06/2011	878	NATIONAL GRID PETTY CASH FUND	6	2012	\$7,613		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 473 See E&Y support file C1 021 & C1 473
	925000	Insurance & Damages Insurance	00099	09/06/2011	877	NATIONAL GRID PETTY CASH FUND	6	2012	\$5,128		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 474 See E&Y support file C1 021 & C1 474
	925000	Insurance & Damages Insurance	00099	09/06/2011	876	NATIONAL GRID PETTY CASH FUND	6	2012	\$450		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 475 See E&Y support file C1 021 & C1 475
	925000	Insurance & Damages Insurance	00099	09/13/2011	879	NATIONAL GRID PETTY CASH FUND	6	2012	\$3,865		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 476 See E&Y support file C1 021 & C1 476
	925000	Insurance & Damages Insurance	00099	09/15/2011	881	NATIONAL GRID PETTY CASH FUND	6	2012	\$10,408		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 477 See E&Y support file C1 021 & C1 477
	925000	Insurance & Damages Insurance	00099	09/15/2011	880	NATIONAL GRID PETTY CASH FUND	6	2012	\$5,519		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 478 See E&Y support file C1 021 & C1 478
	925000	Insurance & Damages Insurance	00099	09/22/2011	883	NATIONAL GRID PETTY CASH FUND	6	2012	\$4,187		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 479 See E&Y support file C1 021 & C1 479
	925000	Insurance & Damages Insurance	00099	09/22/2011	882	NATIONAL GRID PETTY CASH FUND	6	2012	\$6,783		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 480 See E&Y support file C1 021 & C1 480
	925000	Insurance & Damages Insurance	00099	09/29/2011	885	NATIONAL GRID PETTY CASH FUND	6	2012	\$11,795		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 481 See E&Y support file C1 021 & C1 481
	925000	Insurance & Damages Insurance	00099	09/29/2011	884	NATIONAL GRID PETTY CASH FUND	6	2012	\$50		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 482 See E&Y support file C1 021 & C1 482
	925000	Insurance & Damages Insurance	00099	09/06/2011	879	NATIONAL GRID PETTY CASH FUND	6	2012	\$1,203		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 483 See E&Y support file C1 021 & C1 483
	925000	Insurance & Damages Insurance	00099	09/06/2011	878	NATIONAL GRID PETTY CASH FUND	6	2012	\$42		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 484 See E&Y support file C1 021 & C1 484
	925000	Insurance & Damages Insurance	00099	09/08/2011	876	NATIONAL GRID PETTY CASH FUND	6	2012	\$703		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 485 See E&Y support file C1 021 & C1 485
	925000	Insurance & Damages Insurance	00099	09/22/2011	883	NATIONAL GRID PETTY CASH FUND	6	2012	\$619		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 486 See E&Y support file C1 021 & C1 486
	925000	Insurance & Damages Insurance	00099	09/22/2011	882	NATIONAL GRID PETTY CASH FUND	6	2012	\$2,600		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 487 See E&Y support file C1 021 & C1 487
	925000	Insurance & Damages Insurance	00099	09/29/2011	885	NATIONAL GRID PETTY CASH FUND	6	2012	\$1,100		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 488 See E&Y support file C1 021 & C1 488
	925000	Insurance & Damages Insurance	00099	10/19/2011	886	NATIONAL GRID PETTY CASH FUND	7	2012	\$888		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 489 See E&Y support file C1 021 & C1 489
	925000	Insurance & Damages Insurance	00099	10/19/2011	887	NATIONAL GRID PETTY CASH FUND	7	2012	\$1,650		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 490 See E&Y support file C1 021 & C1 490
	925000	Insurance & Damages Insurance	00099	10/11/2011	888	NATIONAL GRID PETTY CASH FUND	7	2012	\$1,090		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 491 See E&Y support file C1 021 & C1 491
	925000	Insurance & Damages Insurance	00099	10/17/2011	891	NATIONAL GRID PETTY CASH FUND	7	2012	\$1,043		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 492 See E&Y support file C1 021 & C1 492
	925000	Insurance & Damages Insurance	00099	10/17/2011	890	NATIONAL GRID PETTY CASH FUND	7	2012	\$9,521		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 493 See E&Y support file C1 021 & C1 493
	925000	Insurance & Damages Insurance	00099	10/18/2011	891	NATIONAL GRID PETTY CASH FUND	7	2012	\$4,361		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 494 See E&Y support file C1 021 & C1 494
	925000	Insurance & Damages Insurance	00099	10/25/2011	895	NATIONAL GRID PETTY CASH FUND	7	2012	\$7,403		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 495 See E&Y support file C1 021 & C1 495
	925000	Insurance & Damages Insurance	00099	10/27/2011	896	NATIONAL GRID PETTY CASH FUND	7	2012	\$436		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 496 See E&Y support file C1 021 & C1 496
	925000	Insurance & Damages Insurance	00099	10/27/2011	897	NATIONAL GRID PETTY CASH FUND	7	2012	\$337		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 497 See E&Y support file C1 021 & C1 497
	925000	Insurance & Damages Insurance	00099	10/28/2011	898	NATIONAL GRID PETTY CASH FUND	7	2012	\$13,551		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 498 See E&Y support file C1 021 & C1 498
	925000	Insurance & Damages Insurance	00099	10/13/2011	886	NATIONAL GRID PETTY CASH FUND	7	2012	\$118		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 499 See E&Y support file C1 021 & C1 499
	925000	Insurance & Damages Insurance	00099	10/12/2011	888	NATIONAL GRID PETTY CASH FUND	7	2012	\$131		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 500 See E&Y support file C1 021 & C1 500
	925000	Insurance & Damages Insurance	00099	10/17/2011	889	NATIONAL GRID PETTY CASH FUND	7	2012	\$200		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 501 See E&Y support file C1 021 & C1 501
	925000	Insurance & Damages Insurance	00099	10/18/2011	891	NATIONAL GRID PETTY CASH FUND	7	2012	\$237		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 502 See E&Y support file C1 021 & C1 502
	925000	Insurance & Damages Insurance	00099	10/25/2011	895	NATIONAL GRID PETTY CASH FUND	7	2012	\$948		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 503 See E&Y support file C1 021 & C1 503
	925000	Insurance & Damages Insurance	00099	10/25/2011	893	NATIONAL GRID PETTY CASH FUND	7	2012	\$724		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 504 See E&Y support file C1 021 & C1 504
	925000	Insurance & Damages Insurance	00099	10/27/2011	897	NATIONAL GRID PETTY CASH FUND	7	2012	\$734		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 505 See E&Y support file C1 021 & C1 505
	925000	Insurance & Damages Insurance	00099	10/27/2011	897	NATIONAL GRID PETTY CASH FUND	7	2012	\$669		0.000%	\$	-	0.000%	\$	-	-reclaimed to Insurance & Damages Insurance	Exhibit RRP-3, Schedule C1 506 See E&Y support file C1 021 & C1 506

DPS-440 (DAC-56)

Payment Details

Volume Page	Remediation Asset	Remediation Asset Description	Case Document Unit	Final Date	Invoice No	Yard(s)	Permit	Fiscal Yr	Total Available \$	PDF Reference	Allocation Electric	NSIO Electric	Allocation Gas	NSIO Gas	Normalization	Exhibit Reference	Reasoning for Allocation to NSIO
00235	925000	Impurities & Damages Insurance	00099	10/17/2011	890	NATIONAL GRID PETTY CASH FUND	7	2012	\$348		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule ERY support file C121 & C122	
	925000	Impurities & Damages Insurance	00099	11/01/2011	899	NATIONAL GRID PETTY CASH FUND	8	2012	\$257		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	11/05/2011	900	NATIONAL GRID PETTY CASH FUND	8	2012	\$1,800		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	11/09/2011	902	NATIONAL GRID PETTY CASH FUND	8	2012	\$276		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	11/09/2011	903	NATIONAL GRID PETTY CASH FUND	8	2012	\$3,175		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	11/09/2011	903	NATIONAL GRID PETTY CASH FUND	8	2012	\$9,945		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	11/09/2011	904	NATIONAL GRID PETTY CASH FUND	8	2012	\$16,964	Attachment 2 to DEPS-440(DAG-55) pg 379 to pg 382	0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	11/17/2011	905	NATIONAL GRID PETTY CASH FUND	8	2012	\$271		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	11/21/2011	906	NATIONAL GRID PETTY CASH FUND	8	2012	\$5,796		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	11/23/2011	909	NATIONAL GRID PETTY CASH FUND	8	2012	\$5,997		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	11/23/2011	908	NATIONAL GRID PETTY CASH FUND	8	2012	\$2,644		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	11/29/2011	907	NATIONAL GRID PETTY CASH FUND	8	2012	\$2,187		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	11/30/2011	910	NATIONAL GRID PETTY CASH FUND	8	2012	\$16,558	Attachment 2 to DEPS-440(DAG-56) pg 383 to pg 386	0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	11/01/2011	899	NATIONAL GRID PETTY CASH FUND	8	2012	\$1,329		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	11/01/2011	905	NATIONAL GRID PETTY CASH FUND	8	2012	\$123		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	11/09/2011	904	NATIONAL GRID PETTY CASH FUND	8	2012	\$1,351		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	11/17/2011	905	NATIONAL GRID PETTY CASH FUND	8	2012	\$356		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	11/23/2011	908	NATIONAL GRID PETTY CASH FUND	8	2012	\$4,936		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	11/23/2011	908	NATIONAL GRID PETTY CASH FUND	8	2012	\$3,375		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	11/30/2011	910	NATIONAL GRID PETTY CASH FUND	8	2012	\$86		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	11/30/2011	910	NATIONAL GRID PETTY CASH FUND	8	2012	\$639		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	12/06/2011	911	NATIONAL GRID PETTY CASH FUND	9	2012	\$2,600		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	12/06/2011	912	NATIONAL GRID PETTY CASH FUND	9	2012	\$6,404		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	12/08/2011	913	NATIONAL GRID PETTY CASH FUND	9	2012	\$2,340		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	12/09/2011	914	NATIONAL GRID PETTY CASH FUND	9	2012	\$7,648		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	12/14/2011	915	NATIONAL GRID PETTY CASH FUND	9	2012	\$7,790		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	12/21/2011	916	NATIONAL GRID PETTY CASH FUND	9	2012	\$10,456		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	12/21/2011	918	NATIONAL GRID PETTY CASH FUND	9	2012	\$9,158		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	12/21/2011	917	NATIONAL GRID PETTY CASH FUND	9	2012	\$11,842		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	12/27/2011	919	NATIONAL GRID PETTY CASH FUND	9	2012	\$12,344		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	12/19/2011	914	NATIONAL GRID PETTY CASH FUND	9	2012	\$1,729		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	12/14/2011	915	NATIONAL GRID PETTY CASH FUND	9	2012	\$570		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	12/27/2011	919	NATIONAL GRID PETTY CASH FUND	9	2012	\$231		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	12/14/2011	915	NATIONAL GRID PETTY CASH FUND	9	2012	\$2,454		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00099	12/27/2011	919	NATIONAL GRID PETTY CASH FUND	9	2012	\$1,384		0.000% \$	-	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00016	04/15/2011	10-153-1	ELECTRICAL INVESTIGATIONS CONSULTING INC	1	2012	\$5,854	Attachment 2 to DEPS-440(DAG-56) pg 387 to pg 389	100.000% \$	5,854.20	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00016	05/03/2011	200485	ELECTRICAL INVESTIGATIONS CONSULTING INC	2	2012	\$3,038	Attachment 2 to DEPS-440(DAG-56) pg 390 to pg 390	100.000% \$	3,038.38	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00016	07/06/2011	11-120-1	ELECTRICAL INVESTIGATIONS CONSULTING INC	4	2012	\$4,171	Attachment 2 to DEPS-440(DAG-56) pg 391 to pg 392	100.000% \$	4,171.44	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00016	07/06/2011	272197	ELECTRICAL INVESTIGATIONS CONSULTING INC	4	2012	\$5,753	Attachment 2 to DEPS-440(DAG-56) pg 393 to pg 394	100.000% \$	5,753.56	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	
	925000	Impurities & Damages Insurance	00016	10/28/2011	11-120-2	ELECTRICAL INVESTIGATIONS CONSULTING INC	7	2012	\$1,687	Attachment 2 to DEPS-440(DAG-56) pg 395 to pg 396	100.000% \$	1,686.92	0.000% \$	-	- reclassified to Impurities & Damages Insurance	Exhibit RRP-3, Schedule Service directly attributable to NSIO	

Niagara Mohawk Power Corporation
d/b/a National Grid
Case No. 12-E-0201 and 12-G-0202
Attachment 1 to DPS-440(DAG-56)
Page 9 of 21

DPS-440 (DAG-56)

Payables Details

Billing Post	Regulatory Asset	Regulatory Asset Description	Orig Business Unit	Actual Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payable \$	PDF Reference	Allocation Period	NMCO Electric	Allocation Gas	NMCO Gas	Normalization	Exhibit Reference	Reasoning for Allocation to NMCO	
925000	Insurance & Damages Insurance	Insurance & Damages Insurance	00036	11/01/2011	276040	ELECTRICAL INVESTIGATION& CONSULTING INC	8	2012	\$2,699	Attachment 2 to DPS-440(DAG-56) pg 357 to pg 358	100.000%	\$	2,698.75	0.000%	\$	-	- reclaimed to Insurance & Dam	Exhibit RRP-3, Schedule Service directly attributable to NMCO
925000	Insurance & Damages Insurance	Insurance & Damages Insurance	00036	11/01/2011	*272191	ELECTRICAL INVESTIGATION& CONSULTING INC	8	2012	\$2,135	Attachment 2 to DPS-440(DAG-56) pg 359 to pg 399	100.000%	\$	2,135.48	0.000%	\$	-	- reclaimed to Insurance & Dam	Exhibit RRP-3, Schedule Service directly attributable to NMCO
925000	Insurance & Damages Insurance	Insurance & Damages Insurance	00036	11/07/2011	CT-2007096747	ELECTRICAL INVESTIGATION& CONSULTING INC	8	2012	\$3,468	Attachment 2 to DPS-440(DAG-56) pg 400 to pg 400	100.000%	\$	3,468.24	0.000%	\$	-	- reclaimed to Insurance & Dam	Exhibit RRP-3, Schedule Service directly attributable to NMCO
925000	Insurance & Damages Insurance	Insurance & Damages Insurance	00036	12/06/2011	10-151-2	ELECTRICAL INVESTIGATION& CONSULTING INC	9	2012	\$1,445	Attachment 2 to DPS-440(DAG-56) pg 401 to pg 402	100.000%	\$	1,445.48	0.000%	\$	-	- reclaimed to Insurance & Dam	Exhibit RRP-3, Schedule Service directly attributable to NMCO
925000	Insurance & Damages Insurance	Insurance & Damages Insurance	00036	12/19/2011	04-11745	ELECTRICAL INVESTIGATION& CONSULTING INC	9	2012	\$3,362	Attachment 2 to DPS-440(DAG-56) pg 403 to pg 403	100.000%	\$	3,362.00	0.000%	\$	-	- reclaimed to Insurance & Dam	Exhibit RRP-3, Schedule Service directly attributable to NMCO
925000	Insurance & Damages Insurance	Insurance & Damages Insurance	00036	06/30/2011	11-1224	ELECTRICAL INVESTIGATION& CONSULTING INC	3	2012	\$1,594	Attachment 2 to DPS-440(DAG-56) pg 404 to pg 405	100.000%	\$	1,594.40	0.000%	\$	-	- reclaimed to Insurance & Dam	Exhibit RRP-3, Schedule Service directly attributable to NMCO
00354	925000	Insurance & Damages Insurance	00099	11/29/2011	45654	CULVER COMPANY INC	8	2012	\$109,750	Attachment 2 to DPS-440(DAG-56) pg 374 to pg 374	30.761%	\$	11,761.30	6.400%	\$	6,914.25	- reclaimed to Insurance & Dam	Exhibit RRP-3, Schedule Service benefits all employees
00354	925000	Insurance & Damages Insurance	00099	12/19/2011	45876	CULVER COMPANY INC	9	2012	\$94,750	Attachment 2 to DPS-440(DAG-56) pg 375 to pg 375	30.761%	\$	29,147.00	6.400%	\$	5,989.25	- reclaimed to Insurance & Dam	Exhibit RRP-3, Schedule Service benefits all employees
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	03/22/2011	DSM00002808499	KELLHER SAME TS VOLK	12	2011	\$3,116	Attachment 2 to DPS-440(DAG-56) pg 553	100.000%	\$	3,115.77	0.000%	\$	-	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	03/22/2011	DSM00002808499	KELLHER SAME TS VOLK	12	2011	\$1,226	Attachment 2 to DPS-440(DAG-56) pg 553	100.000%	\$	1,225.87	0.000%	\$	-	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	04/20/2011	DSM00002808705	KELLHER SAME TS VOLK	1	2012	\$1,066	Attachment 2 to DPS-440(DAG-56) pg 554	100.000%	\$	4,065.65	0.000%	\$	-	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	04/20/2011	DSM00002808706	KELLHER SAME TS VOLK	1	2012	\$10,059	Attachment 2 to DPS-440(DAG-56) pg 555	100.000%	\$	10,059.42	0.000%	\$	-	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	04/20/2011	DSM00002808707	KELLHER SAME TS VOLK	1	2012	\$489	Attachment 2 to DPS-440(DAG-56) pg 556	100.000%	\$	333.70	0.000%	\$	-	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	04/20/2011	DSM00002808705	KELLHER SAME TS VOLK	1	2012	\$1,600	Attachment 2 to DPS-440(DAG-56) pg 544	100.000%	\$	1,599.60	0.000%	\$	-	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	04/20/2011	DSM00002808706	KELLHER SAME TS VOLK	1	2012	\$3,958	Attachment 2 to DPS-440(DAG-56) pg 555	100.000%	\$	3,957.81	0.000%	\$	-	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	04/20/2011	DSM00002808707	KELLHER SAME TS VOLK	1	2012	\$350	Attachment 2 to DPS-440(DAG-56) pg 556	100.000%	\$	340.65	0.000%	\$	-	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	05/19/2011	DSM00002808587	KELLHER SAME TS VOLK	2	2012	\$3,476	Attachment 2 to DPS-440(DAG-56) pg 557	100.000%	\$	3,476.22	0.000%	\$	-	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	05/19/2011	DSM00002808587	KELLHER SAME TS VOLK	2	2012	\$1,368	Attachment 2 to DPS-440(DAG-56) pg 557	100.000%	\$	1,367.69	0.000%	\$	-	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	07/01/2011	DSM000028084783	KELLHER SAME TS VOLK	4	2012	\$1,800	Attachment 2 to DPS-440(DAG-56) pg 558	100.000%	\$	1,799.43	0.000%	\$	-	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	07/01/2011	DSM000028084783	KELLHER SAME TS VOLK	4	2012	\$708	Attachment 2 to DPS-440(DAG-56) pg 558	100.000%	\$	708.13	0.000%	\$	-	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	07/22/2011	DSM00002807899	KELLHER SAME TS VOLK	12	2011	\$409	Attachment 2 to DPS-440(DAG-56) pg 557	0.000%	\$	-	100.000%	\$	408.62	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	03/22/2011	DSM00002807899	KELLHER SAME TS VOLK	12	2011	\$151	Attachment 2 to DPS-440(DAG-56) pg 553	0.000%	\$	-	100.000%	\$	155.21	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	03/22/2011	DSM00002807899	KELLHER SAME TS VOLK	12	2011	\$204	Attachment 2 to DPS-440(DAG-56) pg 553	0.000%	\$	-	100.000%	\$	204.31	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	04/20/2011	DSM00002808705	KELLHER SAME TS VOLK	1	2012	\$531	Attachment 2 to DPS-440(DAG-56) pg 544	0.000%	\$	-	100.000%	\$	511.40	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	04/20/2011	DSM00002808706	KELLHER SAME TS VOLK	1	2012	\$1,319	Attachment 2 to DPS-440(DAG-56) pg 544	0.000%	\$	-	100.000%	\$	1,319.27	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	04/20/2011	DSM00002808707	KELLHER SAME TS VOLK	1	2012	\$117	Attachment 2 to DPS-440(DAG-56) pg 544	0.000%	\$	-	100.000%	\$	115.55	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	04/20/2011	DSM00002808705	KELLHER SAME TS VOLK	1	2012	\$200	Attachment 2 to DPS-440(DAG-56) pg 544	0.000%	\$	-	100.000%	\$	199.95	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	04/20/2011	DSM00002808706	KELLHER SAME TS VOLK	1	2012	\$495	Attachment 2 to DPS-440(DAG-56) pg 544	0.000%	\$	-	100.000%	\$	494.72	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO
909000	Info&Internet Advertising Exp	Info&Internet Advertising Exp	00003	04/20/2011	DSM00002808707	KELLHER SAME TS VOLK	1	2012	\$41	Attachment 2 to DPS-440(DAG-56) pg 544	0.000%	\$	-	100.000%	\$	43.70	- reclaimed to Energy Effic	Exhibit RRP-3, Schedule Service directly attributable to NMCO

Payables Details

980

Niagara Mohawk Power Corporation
d/b/a National Grid
Case No. 12-E-0201 and 12-G-0202
Attachment 1 to DPS-440(DAG-56)
Page 11 of 21

DPS-440 (DAG-56)

Payables Details

Billing Post	Regulatory Act	Regulatory Act Descr	Orig Business Unit	Invl Date	Invoice No	Name	Period	Fiscal Yr	Total Payables \$	PDE Reference	Allocation, Ratchet	NIMO Electric	Allocation Gas	NIMO Gas	Normalization	Exhibit Reference	Reasoning for Allocation to NIMO
592000	Dist Maint-Substation	00016	10 27 2011	24400		EQUISALES ASSOCIATES INC	7	2012	\$391,500	Attachment 2 to DPS-440(DAG-56) pg 2 to pg 2	100.000% \$	191,100.00	0.000% \$	-	No	N/A	Service directly attributable to NIMO
592000	Dist Maint-Substation	00016	11 22 2011	24412		EQUISALES ASSOCIATES INC	8	2012	\$43,500	Attachment 2 to DPS-440(DAG-56) pg 3 to pg 3	100.000% \$	43,500.00	0.000% \$	-	No	N/A	Service directly attributable to NIMO
566000	Trans Oper-Maint Expenses	00016	08 05 2011	July 2011		OUTRIDENT CHEMICAL CORPORATION	5	2012	\$1,872,201	Attachment 2 to DPS-440(DAG-56) pg 6 to pg 6	100.000% \$	1,872,201.00	0.000% \$	-	Yes - Online JE 6032, PM 5 normalization during JITY	Attach 15 Pg 74	T09 Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00016	07 18 2011	3507-20110704		INDEPENDENT SYSTEM OPERATOR NEW YORK	4	2012	\$1,383,131	Attachment 2 to DPS-440(DAG-56) pg 6 to pg 6	100.000% \$	1,383,130.67	0.000% \$	-	Yes - Online JE 6032, PM 5 normalization during JITY	Attach 15 Pg 78	AG0 Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00016	12 09 2011	3507-20111207		INDEPENDENT SYSTEM OPERATOR	9	2012	\$5,000	Attachment 2 to DPS-440(DAG-56) pg 7 to pg 7	100.000% \$	5,000.00	0.000% \$	-	Yes - Online JE 6032, PM 5 normalization during JITY	Attach 15 Pg 78	AG0 Service directly attributable to NIMO
571000	Trans Maint-Civilized Lines	00016	12 08 2011	1		TOWN OF BROTON	9	2012	\$32,978	Attachment 2 to DPS-440(DAG-56) pg 9 to pg 11	100.000% \$	22,978.45	0.000% \$	-	No	N/A	Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00099	01 21 2011	2010 12 17HSREG_A_3		HSBC CORPORATE CARD SERVICES	10	2011	\$1,078		100.000% \$	1,078.51	0.000% \$	-	No	N/A	Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00099	03 21 2011	2011 02 16HSREG_B_3		HSBC CORPORATE CARD SERVICES	12	2011	\$717		100.000% \$	717.42	0.000% \$	-	No	N/A	Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00099	03 21 2011	2011 03 18HSREG_A_6		HSBC CORPORATE CARD SERVICES	12	2011	\$3,829		100.000% \$	3,828.77	0.000% \$	-	No	N/A	Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00099	04 18 2011	2011 04 17HSREG_A_1		HSBC CORPORATE CARD SERVICES	1	2012	\$565		100.000% \$	564.66	0.000% \$	-	No	N/A	Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00099	04 29 2011	2011 04 18HSREG_B_2		HSBC CORPORATE CARD SERVICES	1	2012	\$5,084		100.000% \$	5,083.59	0.000% \$	-	No	N/A	Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00099	05 24 2011	2011 05 17HSREG_A_5		HSBC CORPORATE CARD SERVICES	2	2012	\$2,401		100.000% \$	2,401.06	0.000% \$	-	No	N/A	Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00099	07 01 2011	2011 06 17HSREG_A_1		HSBC CORPORATE CARD SERVICES	4	2012	\$1,161		100.000% \$	1,160.90	0.000% \$	-	No	N/A	Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00099	07 01 2011	2011 06 17HSREG_A_5		HSBC CORPORATE CARD SERVICES	4	2012	\$7,062		100.000% \$	7,061.60	0.000% \$	-	No	N/A	Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00099	07 29 2011	2011 07 18HSREG_A_1		HSBC CORPORATE CARD SERVICES	4	2012	\$724		100.000% \$	723.39	0.000% \$	-	No	N/A	Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00099	07 29 2011	2011 07 18HSREG_A_5		HSBC CORPORATE CARD SERVICES	4	2012	\$5,911		100.000% \$	5,910.91	0.000% \$	-	No	N/A	Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00099	07 29 2011	2011 07 18HSREG_A_5		HSBC CORPORATE CARD SERVICES	4	2012	\$300		100.000% \$	300.00	0.000% \$	-	No	N/A	Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00099	08 29 2011	2011 08 18HSREG_A_1		HSBC CORPORATE CARD SERVICES	5	2012	\$1,302		100.000% \$	1,301.89	0.000% \$	-	No	N/A	Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00099	08 29 2011	2011 08 18HSREG_A_4		HSBC CORPORATE CARD SERVICES	5	2012	\$6,718		100.000% \$	6,718.69	0.000% \$	-	No	N/A	Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00099	10 24 2011	2011 10 18HSREG_A_1		HSBC CORPORATE CARD SERVICES	7	2012	\$4,397		100.000% \$	4,397.30	0.000% \$	-	No	N/A	Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00099	10 24 2011	2011 10 18HSREG_A_4		HSBC CORPORATE CARD SERVICES	7	2012	\$7,446		100.000% \$	7,445.34	0.000% \$	-	No	N/A	Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00099	11 18 2011	2011 09 18HSREG_B_1		HSBC CORPORATE CARD SERVICES	8	2012	\$5,200		100.000% \$	5,199.74	0.000% \$	-	No	N/A	Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00099	11 18 2011	2011 10 18HSREG_B_1		HSBC CORPORATE CARD SERVICES	8	2012	\$457		100.000% \$	456.77	0.000% \$	-	No	N/A	Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00099	11 18 2011	2011 11 16HSREG_A_2		HSBC CORPORATE CARD SERVICES	8	2012	\$1,751		100.000% \$	1,751.25	0.000% \$	-	No	N/A	Service directly attributable to NIMO
921000	Ad-G-Office Supplies	00099	12 16 2011	2011 12 17HSREG_A_3		HSBC CORPORATE CARD SERVICES	9	2012	\$1,988		100.000% \$	1,988.34	0.000% \$	-	No	N/A	Service directly attributable to NIMO
00102	903000	Cost Records & Collection	00099	01 01 2011	533911	TENSION ENVELOPE CORPORATION	10	2011	\$2,469		83.000% \$	1,999.20	17.000% \$	469.48	No	N/A	Service directly attributable to NIMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection	00099	01 01 2011	534770	TENSION ENVELOPE CORPORATION	10	2011	\$2,409		83.000% \$	1,999.20	17.000% \$	409.48	No	N/A	Service directly attributable to NIMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection	00099	01 14 2011	534767	TENSION ENVELOPE CORPORATION	10	2011	\$1,698		83.000% \$	1,318.99	17.000% \$	798.59	No	N/A	Service directly attributable to NIMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection	00099	01 14 2011	533887	TENSION ENVELOPE CORPORATION	10	2011	\$1,355		83.000% \$	2,784.57	17.000% \$	570.72	No	N/A	Service directly attributable to NIMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection	00099	01 14 2011	534816	TENSION ENVELOPE CORPORATION	10	2011	\$579		83.000% \$	480.62	17.000% \$	98.44	No	N/A	Service directly attributable to NIMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection	00099	01 14 2011	533892	TENSION ENVELOPE CORPORATION	10	2011	\$642		83.000% \$	538.13	17.000% \$	109.19	Yes - adjusted by E&Y analysis	Exhibit RRP-1, Schedule 49 and EY AP File C1 060	See E&Y File C1 060
00102	903000	Cost Records & Collection	00099	01 14 2011	533879	TENSION ENVELOPE CORPORATION	10	2011	\$280		83.000% \$	481.45	17.000% \$	98.61	No	N/A	Service directly attributable to NIMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection	00099	01 14 2011	528090	TENSION ENVELOPE CORPORATION	10	2011	\$307		83.000% \$	254.73	17.000% \$	52.17	Yes - adjusted by E&Y analysis	Exhibit RRP-1, Schedule 49 and EY AP File C1 060	See E&Y File C1 060
00102	903000	Cost Records & Collection	00099	01 14 2011	535788	TENSION ENVELOPE CORPORATION	10	2011	\$2,553		83.000% \$	2,119.16	17.000% \$	434.04	No	N/A	Service directly attributable to NIMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection	00099	01 19 2011	535787	TENSION ENVELOPE CORPORATION	10	2011	\$4,268		83.000% \$	3,547.36	17.000% \$	725.52	No	N/A	Service directly attributable to NIMO - see E&Y Support file C1 060

Niagara Mohawk Power Corporation
d/b/a National Grid
Case No. 12-E-0201 and 12-G-0202
Attachment 1 to DPS-440(DAG-56)
Page 12 of 21

DPS-440 (DAG-56)

Payables Details

Billing Fuel	Regulatory Asset	Regulatory Asset Descr	Orig Business Unit	End Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payable \$	PDF Reference	Allocation Electric	NIMMO Electric	Allocation Gas	NIMMO Gas	Normalization	Exhibit Reference	Reasoning for Allocation to NIMMO
00102	903000	Cost Records & Collection 00099		01/20/2011	535782	TENSION ENVELOPE CORPORATION	10	2011	\$1,301		83.000% \$	1,162.50	17.000% \$	218.10	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		01/20/2011	535778	TENSION ENVELOPE CORPORATION	10	2011	\$614		83.000% \$	500.85	17.000% \$	104.35	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		01/20/2011	536917	TENSION ENVELOPE CORPORATION	10	2011	\$2,553		83.000% \$	2,119.16	17.000% \$	434.04	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		01/20/2011	536916	TENSION ENVELOPE CORPORATION	10	2011	\$4,268		83.000% \$	3,542.76	17.000% \$	725.32	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		01/20/2011	536908	TENSION ENVELOPE CORPORATION	10	2011	\$1,388		83.000% \$	1,151.91	17.000% \$	236.94	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		01/20/2011	536907	TENSION ENVELOPE CORPORATION	10	2011	\$615		83.000% \$	510.11	17.000% \$	104.93	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	503000	Cost Records & Collection 00099		01/20/2011	538718	TENSION ENVELOPE CORPORATION	10	2011	\$635		83.000% \$	527.19	17.000% \$	107.98	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		01/20/2011	538746	TENSION ENVELOPE CORPORATION	10	2011	\$2,197		83.000% \$	1,823.23	17.000% \$	374.41	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		01/20/2011	538747	TENSION ENVELOPE CORPORATION	10	2011	\$2,630		83.000% \$	2,182.50	17.000% \$	447.02	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		01/20/2011	538748	TENSION ENVELOPE CORPORATION	10	2011	\$2,197		83.000% \$	1,823.23	17.000% \$	374.41	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		01/20/2011	538782	TENSION ENVELOPE CORPORATION	10	2011	\$6,246		83.000% \$	5,181.16	17.000% \$	1,064.82	Yes - adjusted by E&Y analysis	N/A Exhibit RRP-1 Schedule 49 and E&Y AP File C1 060	See E&Y File C1 060
00102	903000	Cost Records & Collection 00099		02/17/2011	539292	TENSION ENVELOPE CORPORATION	11	2011	\$615		83.000% \$	527.19	17.000% \$	107.98	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		02/17/2011	539294	TENSION ENVELOPE CORPORATION	11	2011	\$1,567		83.000% \$	1,286.05	17.000% \$	265.46	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		02/17/2011	539295	TENSION ENVELOPE CORPORATION	11	2011	\$6,590		83.000% \$	5,469.66	17.000% \$	1,120.29	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		02/17/2011	539011	TENSION ENVELOPE CORPORATION	11	2011	\$635		83.000% \$	527.19	17.000% \$	107.98	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		02/17/2011	539021	TENSION ENVELOPE CORPORATION	11	2011	\$2,630		83.000% \$	2,182.50	17.000% \$	447.02	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		02/17/2011	539022	TENSION ENVELOPE CORPORATION	11	2011	\$2,929		83.000% \$	2,436.97	17.000% \$	492.91	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		02/17/2011	539027	TENSION ENVELOPE CORPORATION	11	2011	\$1,502		83.000% \$	1,286.05	17.000% \$	265.46	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		02/17/2011	539029	TENSION ENVELOPE CORPORATION	11	2011	\$649		83.000% \$	538.54	17.000% \$	110.30	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		02/17/2011	540811	TENSION ENVELOPE CORPORATION	11	2011	\$4,157		83.000% \$	3,626.24	17.000% \$	536.67	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		03/09/2011	540810	TENSION ENVELOPE CORPORATION	12	2011	\$1,562		83.000% \$	1,286.05	17.000% \$	265.46	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		03/09/2011	540870	TENSION ENVELOPE CORPORATION	12	2011	\$1,156		83.000% \$	2,619.46	17.000% \$	516.49	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		03/09/2011	540869	TENSION ENVELOPE CORPORATION	12	2011	\$1,562		83.000% \$	1,286.05	17.000% \$	265.46	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		03/09/2011	540933	TENSION ENVELOPE CORPORATION	12	2011	\$5,762		83.000% \$	4,782.25	17.000% \$	979.50	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		03/09/2011	541040	TENSION ENVELOPE CORPORATION	12	2011	\$5,030		83.000% \$	4,174.52	17.000% \$	855.02	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		03/09/2011	541620	TENSION ENVELOPE CORPORATION	12	2011	\$1,570		83.000% \$	1,302.70	17.000% \$	266.82	Yes - adjusted by E&Y analysis	N/A Exhibit RRP-1 Schedule 49 and E&Y AP File C1 060	See E&Y File C1 060
00102	903000	Cost Records & Collection 00099		03/05/2011	541836	TENSION ENVELOPE CORPORATION	12	2011	\$5,030		83.000% \$	4,174.52	17.000% \$	855.02	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		03/09/2011	542099	TENSION ENVELOPE CORPORATION	12	2011	\$5,762		83.000% \$	4,782.25	17.000% \$	979.50	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		03/09/2011	542111	TENSION ENVELOPE CORPORATION	12	2011	\$3,681		83.000% \$	3,055.33	17.000% \$	625.79	No	N/A	Service directly attributable to NIMMO - see E&Y Support file C1 060

Niagara Mohawk Power Corporation
d/b/a National Grid
Case No. 12-E-0201 and 12-G-0202
Attachment 1 to DPS-440(DAG-56)
Page 13 of 21

DPS-440 (DAG-56)

Payables Details

Billing Period	Regulatory Act	Regulatory Act Desc	Orig. Business Unit	Inst. Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payables \$	FDF Reference	Allocation Electric	NMDO Electric	Allocation Gas	NMDO Gas	Normalization	Exhibit Reference	Reasoning for Allocation to NMDO
00102	903000	Cost Records & Collection 00099		03 09 2011	542955	TENSION ENVELOPE CORPORATION	12	2011	\$1,562		\$3,000%	\$ 1,296.05	17,000%	\$ 265.46	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		03 09 2011	542956	TENSION ENVELOPE CORPORATION	12	2011	\$1,562		\$3,000%	\$ 1,296.05	17,000%	\$ 265.46	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		03 09 2011	542963	TENSION ENVELOPE CORPORATION	12	2011	\$4,194		\$3,000%	\$ 3,646.45	17,000%	\$ 746.85	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		03 09 2011	542957	TENSION ENVELOPE CORPORATION	12	2011	\$2,976		\$3,000%	\$ 2,470.76	17,000%	\$ 505.96	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		03 09 2011	543662	TENSION ENVELOPE CORPORATION	14	2011	\$841		\$3,000%	\$ 697.86	17,000%	\$ 142.94	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		03 09 2011	544351	TENSION ENVELOPE CORPORATION	12	2011	\$9,221		\$3,000%	\$ 7,653.06	17,000%	\$ 1,567.50	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		03 09 2011	543787	TENSION ENVELOPE CORPORATION	12	2011	\$7,453		\$3,000%	\$ 6,186.13	17,000%	\$ 1,267.04	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		03 09 2011	545354	TENSION ENVELOPE CORPORATION	12	2011	\$9,540		\$3,000%	\$ 7,918.14	17,000%	\$ 1,621.79	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		04 21 2011	546424	TENSION ENVELOPE CORPORATION	1	2012	\$7,684		\$3,000%	\$ 6,479.98	17,000%	\$ 1,204.81	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		04 21 2011	547218	TENSION ENVELOPE CORPORATION	1	2012	\$9,221		\$3,000%	\$ 7,653.16	17,000%	\$ 1,567.51	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		04 21 2011	548136	TENSION ENVELOPE CORPORATION	1	2012	\$7,437		\$3,000%	\$ 6,172.50	17,000%	\$ 1,264.25	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		04 21 2011	549256	TENSION ENVELOPE CORPORATION	1	2012	\$9,015		\$3,000%	\$ 7,482.18	17,000%	\$ 1,532.49	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		04 21 2011	546316	TENSION ENVELOPE CORPORATION	1	2012	\$1,562		\$3,000%	\$ 1,296.05	17,000%	\$ 265.46	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		04 21 2011	549319	TENSION ENVELOPE CORPORATION	1	2012	\$1,081		\$3,000%	\$ 897.25	17,000%	\$ 183.78	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		04 21 2011	550654	TENSION ENVELOPE CORPORATION	1	2012	\$8,899		\$3,000%	\$ 7,386.10	17,000%	\$ 1,512.86	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		04 21 2011	550335	TENSION ENVELOPE CORPORATION	1	2012	\$6,650	Attachment 2 to DPS-440(DAG-56) pg 12 to pg 14	\$3,000%	\$ 5,609.35	17,000%	\$ 1,040.47	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		04 21 2011	551199	TENSION ENVELOPE CORPORATION	1	2012	\$12,691		\$3,000%	\$ 10,533.26	17,000%	\$ 2,157.81	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		06 27 2011	552342	TENSION ENVELOPE CORPORATION	3	2012	\$10,478		\$3,000%	\$ 8,696.82	17,000%	\$ 1,781.28	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		06 27 2011	552419	TENSION ENVELOPE CORPORATION	3	2012	\$196		\$3,000%	\$ 162.41	17,000%	\$ 33.26	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		06 27 2011	553083	TENSION ENVELOPE CORPORATION	3	2012	\$8,511		\$3,000%	\$ 7,065.91	17,000%	\$ 1,447.23	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		06 27 2011	554815	TENSION ENVELOPE CORPORATION	3	2012	\$7,351		\$3,000%	\$ 6,103.86	17,000%	\$ 1,250.19	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		08 27 2011	554849	TENSION ENVELOPE CORPORATION	3	2012	\$1,525		\$3,000%	\$ 1,266.01	17,000%	\$ 259.81	see - adjusted by E&Y study - Exhibit RDP-1 Schedule 49 and EY AP File C1 060	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		08 27 2011	555580	TENSION ENVELOPE CORPORATION	3	2012	\$12,442		\$3,000%	\$ 10,327.09	17,000%	\$ 2,115.19	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		06 27 2011	556502	TENSION ENVELOPE CORPORATION	3	2012	\$606		\$3,000%	\$ 501.31	17,000%	\$ 103.07	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		06 27 2011	556507	TENSION ENVELOPE CORPORATION	3	2012	\$9,626		\$3,000%	\$ 7,493.38	17,000%	\$ 1,534.38	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		06 27 2011	557138	TENSION ENVELOPE CORPORATION	3	2012	\$7,559		\$3,000%	\$ 6,274.34	17,000%	\$ 1,285.10	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		06 27 2011	558012	TENSION ENVELOPE CORPORATION	3	2012	\$10,998	Attachment 2 to DPS-440(DAG-56) pg 15 to pg 17	\$3,000%	\$ 9,128.53	17,000%	\$ 1,869.66	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		08 18 2011	559104	TENSION ENVELOPE CORPORATION	5	2012	\$15,169		\$3,000%	\$ 10,930.26	17,000%	\$ 2,218.73	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060
00102	903000	Cost Records & Collection 00099		08 18 2011	560901	TENSION ENVELOPE CORPORATION	5	2012	\$8,437		\$3,000%	\$ 7,062.31	17,000%	\$ 1,434.21	No	N/A	Service directly attributable to NMDO - see E&Y Support file C1 060

Payables Details

984

DPS-440 (DAG-56)

Payables Details

Billing Pool	Regulatory Act	Regulatory Act Desc	Orig Business Unit	Final Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payable \$	PDE Reference	Allocation Electric	NMISO Electric	Allocation Gas	NMISO Gas	Normalization	Exhibit Reference	Reasoning for Allocation to NMISO
00102	921000	A&G-Office Supplies	00099	04/19/2011	797160	JPMORGAN CHASE BANK N.A	1	2012	\$43,192		83.000%	\$ 35,849.49	17.000%	\$ 7,342.67	No	N/A	Service directly attributable to NMISO
00102	921000	A&G-Office Supplies	00099	06/17/2011	823759	JPMORGAN CHASE BANK N.A	3	2012	\$43,387		83.000%	\$ 36,011.11	17.000%	\$ 7,375.77	No	N/A	Service directly attributable to NMISO
00197	921000	A&G-Office Supplies	00099	06/01/2011	826830	JPMORGAN CHASE BANK N.A	3	2012	\$22,835		0.000%	\$ -	0.000%	\$ -	No	N/A	N/A - not charged to NMISO
00197	921000	A&G-Office Supplies	00099	06/01/2011	807103	JPMORGAN CHASE BANK N.A	3	2012	\$24,302		0.000%	\$ -	0.000%	\$ -	No	N/A	N/A - not charged to NMISO
00197	921000	A&G-Office Supplies	00099	06/01/2011	807102	JPMORGAN CHASE BANK N.A	3	2012	\$26,339		0.000%	\$ -	0.000%	\$ -	No	N/A	N/A - not charged to NMISO
00197	921000	A&G-Office Supplies	00099	06/01/2011	807101	JPMORGAN CHASE BANK N.A	3	2012	\$17,431		0.000%	\$ -	0.000%	\$ -	No	N/A	N/A - not charged to NMISO
00197	921000	A&G-Office Supplies	00099	06/01/2011	807100	JPMORGAN CHASE BANK N.A	3	2012	\$21,221		0.000%	\$ -	0.000%	\$ -	No	N/A	N/A - not charged to NMISO
00197	921000	A&G-Office Supplies	00099	06/01/2011	807099	JPMORGAN CHASE BANK N.A	3	2012	\$8,416		0.000%	\$ -	0.000%	\$ -	No	N/A	N/A - not charged to NMISO
00197	921000	A&G-Office Supplies	00099	06/24/2011	838591	JPMORGAN CHASE BANK N.A	3	2012	\$25,194		0.000%	\$ -	0.000%	\$ -	No	N/A	N/A - not charged to NMISO
00197	921000	A&G-Office Supplies	00099	07/22/2011	843612	JPMORGAN CHASE BANK N.A	4	2012	\$25,235		0.000%	\$ -	0.000%	\$ -	No	N/A	N/A - not charged to NMISO
00102	921000	A&G-Office Supplies	00099	08/29/2011	857901	JPMORGAN CHASE BANK N.A	5	2012	\$41,445		83.000%	\$ 34,398.98	17.000%	\$ 7,045.58	No	N/A	Service directly attributable to NMISO
00197	921000	A&G-Office Supplies	00099	08/29/2011	880621	JPMORGAN CHASE BANK N.A	5	2012	\$16,632		0.000%	\$ -	0.000%	\$ -	No	N/A	N/A - not charged to NMISO
00197	921000	A&G-Office Supplies	00099	09/15/2011	871777	JPMORGAN CHASE BANK N.A	6	2012	\$21,901		0.000%	\$ -	0.000%	\$ -	No	N/A	N/A - not charged to NMISO
00197	921000	A&G-Office Supplies	00099	10/24/2011	882404	JPMORGAN CHASE BANK N.A	7	2012	\$21,774		0.000%	\$ -	0.000%	\$ -	No	N/A	N/A - not charged to NMISO
00197	921000	A&G-Office Supplies	00099	11/24/2011	892654	JPMORGAN CHASE BANK N.A	8	2012	\$20,569		0.000%	\$ -	0.000%	\$ -	No	N/A	N/A - not charged to NMISO
00197	921000	A&G-Office Supplies	00099	12/10/2011	902446	JPMORGAN CHASE BANK N.A	9	2012	\$20,484		0.000%	\$ -	0.000%	\$ -	No	N/A	N/A - not charged to NMISO
00102	921000	A&G-Office Supplies	00099	02/17/2011	17476	REGULUS GROUP LLC	11	2011	\$394	Attachment 2 to DPS-440(DAG-56) pg 35 to 35	83.000%	\$ 750.10	17.000%	\$ 153.64	No	N/A	Service directly attributable to NMISO
00102	921000	A&G-Office Supplies	00099	02/17/2011	18116	REGULUS GROUP LLC	11	2011	\$50,443	Attachment 2 to DPS-440(DAG-56) pg 36 to 36	83.000%	\$ 41,667.63	17.000%	\$ 8,775.33	No	N/A	Service directly attributable to NMISO
00102	921000	A&G-Office Supplies	00099	02/17/2011	17798	REGULUS GROUP LLC	11	2011	\$2,712	Attachment 2 to DPS-440(DAG-56) pg 37 to 37	83.000%	\$ 1,915.18	17.000%	\$ 396.43	No	N/A	Service directly attributable to NMISO
00102	921000	A&G-Office Supplies	00099	02/23/2011	18186	REGULUS GROUP LLC	11	2011	\$60,101	Attachment 2 to DPS-440(DAG-56) pg 38 to 38	83.000%	\$ 49,881.69	17.000%	\$ 10,217.11	No	N/A	Service directly attributable to NMISO
00102	921000	A&G-Office Supplies	00099	02/17/2011	18287	REGULUS GROUP LLC	11	2011	\$54,821	Attachment 2 to DPS-440(DAG-56) pg 39 to 39	83.000%	\$ 45,501.21	17.000%	\$ 9,319.92	No	N/A	Service directly attributable to NMISO
00102	921000	A&G-Office Supplies	00099	03/09/2011	18981	REGULUS GROUP LLC	12	2011	\$50,481	Attachment 2 to DPS-440(DAG-56) pg 40 to 40	100.000%	\$ 50,481.26	0.000%	\$ -	No	N/A	Service directly attributable to NMISO
00102	921000	A&G-Office Supplies	00099	03/03/2011	0019271	REGULUS GROUP LLC	2	2012	\$60,620	Attachment 2 to DPS-440(DAG-56) pg 66 to 66	83.000%	\$ 50,314.78	17.000%	\$ 10,305.44	No	N/A	Service directly attributable to NMISO
00102	921000	A&G-Office Supplies	00099	03/16/2011	0019615	REGULUS GROUP LLC	2	2012	\$56,208	Attachment 2 to DPS-440(DAG-56) pg 90 to 92	83.000%	\$ 46,652.64	17.000%	\$ 9,555.16	No	N/A	Service directly attributable to NMISO
00102	921000	A&G-Office Supplies	00099	06/27/2011	00197090862011	REGULUS GROUP LLC	3	2012	\$63,346	Attachment 2 to DPS-440(DAG-56) pg 93 to 94	83.000%	\$ 52,577.52	17.000%	\$ 10,768.89	No	N/A	Service directly attributable to NMISO
00102	921000	A&G-Office Supplies	00099	07/18/2011	0020228	REGULUS GROUP LLC	4	2012	\$59,490	Attachment 2 to DPS-440(DAG-56) pg 95 to 97	83.000%	\$ 48,376.49	17.000%	\$ 10,113.26	No	N/A	Service directly attributable to NMISO
00102	921000	A&G-Office Supplies	00099	08/18/2011	0020436	REGULUS GROUP LLC	5	2012	\$58,356	Attachment 2 to DPS-440(DAG-56) pg 98 to 121	83.000%	\$ 48,435.69	17.000%	\$ 9,920.56	No	N/A	Service directly attributable to NMISO
00102	921000	A&G-Office Supplies	00099	09/25/2011	0020736 N/A-NM	REGULUS GROUP LLC	6	2012	\$59,912	Attachment 2 to DPS-440(DAG-56) pg 122 to 123	83.000%	\$ 49,727.91	17.000%	\$ 10,183.11	No	N/A	Service directly attributable to NMISO
00102	921000	A&G-Office Supplies	00099	10/10/2011	0021012	REGULUS GROUP LLC	7	2012	\$57,813	Attachment 2 to DPS-440(DAG-56) pg 125 to 148	83.000%	\$ 47,084.54	17.000%	\$ 9,828.16	No	N/A	Service directly attributable to NMISO
00102	921000	A&G-Office Supplies	00099	11/19/2011	0021256	REGULUS GROUP LLC	8	2012	\$84,762	Attachment 2 to DPS-440(DAG-56) pg 149 to 172	83.000%	\$ 69,017.53	17.000%	\$ 15,744.55	No	N/A	Service directly attributable to NMISO
00102	921000	A&G-Office Supplies	00099	12/27/2011	0021815	REGULUS GROUP LLC	9	2012	\$53,371	Attachment 2 to DPS-440(DAG-56) pg 173 to 197	83.000%	\$ 44,297.97	17.000%	\$ 9,078.08	No	N/A	Service directly attributable to NMISO
00102	921000	A&G-Office Supplies	00099	06/27/2011	016-204-49178-7 013011	HSBC BANK USA	3	2012	\$13,681	Attachment 2 to DPS-440(DAG-56) pg 198 to pg 216	83.000%	\$ 11,352.23	17.000%	\$ 2,325.77	No	N/A	Service directly attributable to NMISO
00102	921000	A&G-Office Supplies	00099	07/07/2011	016-204-49178-7	HSBC BANK USA	4	2012	\$10,086	Attachment 2 to DPS-440(DAG-56) pg 217 to pg 235	83.000%	\$ 8,171.50	17.000%	\$ 1,914.45	No	N/A	Service directly attributable to NMISO
00102	921000	A&G-Office Supplies	00099	09/28/2011	016-204-49178-70520211	HSBC BANK USA	6	2012	\$10,936	Attachment 2 to DPS-440(DAG-56) pg 236 to pg 254	83.000%	\$ 9,076.78	17.000%	\$ 1,859.10	No	N/A	Service directly attributable to NMISO

Niagara Mohawk Power Corporation
d/b/a National Grid
Case No. 12-E-0201 and 12-G-0202
Attachment 1 to DPS-440(DAG-56)
Page 16 of 21

DPS-440 (DAG-56)

Payables Details

Billing Prod	Regulatory Act	Regulatory Act Desc	Spec Business Unit	Inst Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payable \$	PDP Reference	Allocation Electric	NMIO Electric	Allocation Gas	NMIO Gas	Normalization	Exhibit Reference	Reasoning for Allocation to NMIO
00102	921000	A&G-Office Supplies	00099	09/28/2011	016-204489178-7092820112	HSBC BANK USA	6	2012	\$10,194	Attachment 2 to DPS-440(DAG-56) pg 255 to pg 273 Attachment 2 to DPS-440(DAG-56) pg 274 to pg 292	83.000% \$	8,461.34	17.000% \$	1,733.06	No	N/A	Service directly attributable to NMIO
00102	921000	A&G-Office Supplies	00099	09/28/2011	016-204489178-7092820113	HSBC BANK USA	6	2012	\$9,341	Attachment 2 to DPS-440(DAG-56) pg 293 to pg 310 Attachment 2 to DPS-440(DAG-56)	83.000% \$	7,758.15	17.000% \$	1,582.00	No	N/A	Service directly attributable to NMIO
00102	921000	A&G-Office Supplies	00099	09/28/2011	016-204489178-7092820114	HSBC BANK USA	6	2012	\$16,524	Attachment 2 to DPS-440(DAG-56) pg 311 to pg 329 Attachment 2 to DPS-440(DAG-56) pg 330 to pg 348	83.000% \$	13,715.24	17.000% \$	2,809.15	No	N/A	Service directly attributable to NMIO
00102	921000	A&G-Office Supplies	00099	10/27/2011	016-204489178-70929011	HSBC BANK USA	7	2012	\$11,591	Attachment 2 to DPS-440(DAG-56) pg 349 to pg 367 Attachment 2 to DPS-440(DAG-56) pg 368 to pg 386	83.000% \$	9,620.41	17.000% \$	1,970.44	No	N/A	Service directly attributable to NMIO
00188	901000	Cost Records & Collection	00099	01/19/2011	N01110-COLL-00	NATIONWIDE CREDIT INC	10	2011	\$103,266	Attachment 2 to DPS-440(DAG-56) pg 330 to pg 348 Attachment 2 to DPS-440(DAG-56) pg 349 to pg 367	28.247% \$	29,169.43	5.786% \$	5,974.95	Yes - adjusted by E&Y analysis	Schedule 49 and EY AP File C1.003 Exhibit RRP-3	See E&Y File C1.003
00188	901000	Cost Records & Collection	00099	01/24/2011	N01110-COLL-00	NATIONWIDE CREDIT INC	10	2011	\$116,824	Attachment 2 to DPS-440(DAG-56) pg 331 to pg 349 Attachment 2 to DPS-440(DAG-56) pg 350 to pg 368	28.247% \$	32,999.30	5.786% \$	6,759.44	Yes - adjusted by E&Y analysis	Schedule 49 and EY AP File C1.003 Exhibit RRP-3	See E&Y File C1.003
00188	901000	Cost Records & Collection	00099	03/18/2011	N00111-NE COLL. OUTBOUN	NATIONWIDE CREDIT INC	12	2011	\$54,891	Attachment 2 to DPS-440(DAG-56) pg 332 to pg 350 Attachment 2 to DPS-440(DAG-56) pg 351 to pg 369	28.247% \$	15,504.93	5.786% \$	3,175.97	Yes - adjusted by E&Y analysis	Schedule 49 and EY AP File C1.003 Exhibit RRP-3	See E&Y File C1.003
00188	901000	Cost Records & Collection	00099	03/13/2011	N00111-COLL-00	NATIONWIDE CREDIT INC	12	2011	\$95,665	Attachment 2 to DPS-440(DAG-56) pg 333 to pg 351 Attachment 2 to DPS-440(DAG-56) pg 352 to pg 370	28.247% \$	27,022.41	5.786% \$	5,535.16	Yes - adjusted by E&Y analysis	Schedule 49 and EY AP File C1.003 Exhibit RRP-3	See E&Y File C1.003
00188	901000	Cost Records & Collection	00099	03/18/2011	N00111-NE COLL. OUTBOUN	NATIONWIDE CREDIT INC	12	2011	\$946	Attachment 2 to DPS-440(DAG-56) pg 334 to pg 352 Attachment 2 to DPS-440(DAG-56) pg 353 to pg 371	28.247% \$	267.10	5.786% \$	54.71	Yes - adjusted by E&Y analysis	Schedule 49 and EY AP File C1.003 Exhibit RRP-3	See E&Y File C1.003
00188	901000	Cost Records & Collection	00099	03/18/2011	N00111-NE COLL. OUTBOUN	NATIONWIDE CREDIT INC	12	2011	\$59,012	Attachment 2 to DPS-440(DAG-56) pg 335 to pg 353 Attachment 2 to DPS-440(DAG-56) pg 354 to pg 372	28.247% \$	11,010.60	5.786% \$	2,257.21	Yes - adjusted by E&Y analysis	Schedule 49 and EY AP File C1.003 Exhibit RRP-3	See E&Y File C1.003
00188	901000	Cost Records & Collection	00099	03/18/2011	N00211-COLL-00	NATIONWIDE CREDIT INC	12	2011	\$69,402	Attachment 2 to DPS-440(DAG-56) pg 336 to pg 354 Attachment 2 to DPS-440(DAG-56) pg 355 to pg 373	28.247% \$	19,603.90	5.786% \$	4,015.58	Yes - adjusted by E&Y analysis	Schedule 49 and EY AP File C1.003 Exhibit RRP-3	See E&Y File C1.003
00180	921000	A&G-Office Supplies	00099	01/24/2011	PS-5314	BT INS INC	10	2011	\$214	Attachment 2 to DPS-440(DAG-56) pg 343 to pg 344 Attachment 2 to DPS-440(DAG-56) pg 345 to pg 346	42.680% \$	91.35	8.743% \$	18.71	No	N/A	Network support
00180	921000	A&G-Office Supplies	00099	01/04/2011	PS-195631	BT INS INC	10	2011	\$14,809	Attachment 2 to DPS-440(DAG-56) pg 344 to pg 345 Attachment 2 to DPS-440(DAG-56) pg 346 to pg 347	42.680% \$	6,317.53	8.743% \$	1,293.96	No	N/A	Network support
00180	921000	A&G-Office Supplies	00099	01/04/2011	PS-5452	BT INS INC	10	2011	\$47,048	Attachment 2 to DPS-440(DAG-56) pg 345 to pg 346 Attachment 2 to DPS-440(DAG-56) pg 347 to pg 348	42.680% \$	20,082.70	8.743% \$	4,113.36	No	N/A	Network support
00180	921000	A&G-Office Supplies	00099	01/04/2011	PS-5453	BT INS INC	10	2011	\$876	Attachment 2 to DPS-440(DAG-56) pg 346 to pg 347 Attachment 2 to DPS-440(DAG-56) pg 348 to pg 349	42.680% \$	374.61	8.743% \$	76.71	No	N/A	Network support
00180	921000	A&G-Office Supplies	00099	02/07/2011	PS-5479	BT INS INC	11	2011	\$11,860	Attachment 2 to DPS-440(DAG-56) pg 347 to pg 348 Attachment 2 to DPS-440(DAG-56) pg 349 to pg 350	42.680% \$	13,599.76	8.743% \$	2,785.52	No	N/A	Network support
00180	921000	A&G-Office Supplies	00099	02/07/2011	PS-5480	BT INS INC	11	2011	\$781	Attachment 2 to DPS-440(DAG-56) pg 348 to pg 349 Attachment 2 to DPS-440(DAG-56) pg 350 to pg 351	42.680% \$	933.28	8.743% \$	68.26	No	N/A	Network support
00180	921000	A&G-Office Supplies	00099	02/23/2011	PS-106183	BT INS INC	11	2011	\$98	Attachment 2 to DPS-440(DAG-56) pg 350 to pg 351 Attachment 2 to DPS-440(DAG-56) pg 352 to pg 353	42.680% \$	41.67	8.743% \$	8.51	No	N/A	Network support
00180	921000	A&G-Office Supplies	00099	02/23/2011	PS-106170	BT INS INC	11	2011	\$37,395	Attachment 2 to DPS-440(DAG-56) pg 351 to pg 352 Attachment 2 to DPS-440(DAG-56) pg 353 to pg 354	42.680% \$	15,962.43	8.743% \$	3,269.41	No	N/A	Network support
00180	921000	A&G-Office Supplies	00099	01/04/2011	PS-106180	BT INS INC	1	2012	\$201	Attachment 2 to DPS-440(DAG-56) pg 352 to pg 353 Attachment 2 to DPS-440(DAG-56) pg 354 to pg 355	46.911% \$	94.29	8.016% \$	16.11	No	N/A	Network support
00180	921000	A&G-Office Supplies	00099	01/04/2011	PS-106362	BT INS INC	1	2012	\$46,980	Attachment 2 to DPS-440(DAG-56) pg 353 to pg 354 Attachment 2 to DPS-440(DAG-56) pg 355 to pg 356	46.911% \$	22,038.79	8.016% \$	3,765.52	No	N/A	Network support
00180	921000	A&G-Office Supplies	00099	05/17/2011	PS-106618	BT INS INC	2	2012	\$1,569	Attachment 2 to DPS-440(DAG-56) pg 354 to pg 355 Attachment 2 to DPS-440(DAG-56) pg 356 to pg 357	46.911% \$	756.09	8.016% \$	125.78	No	N/A	Network support
00180	921000	A&G-Office Supplies	00099	05/17/2011	PS-106608	BT INS INC	2	2012	\$27,000	Attachment 2 to DPS-440(DAG-56) pg 355 to pg 356 Attachment 2 to DPS-440(DAG-56) pg 357 to pg 358	46.911% \$	12,665.97	8.016% \$	2,164.32	No	N/A	Network support
00180	921000	A&G-Office Supplies	00099	06/13/2011	PS-107004	BT INS INC	3	2012	\$10,260	Attachment 2 to DPS-440(DAG-56) pg 356 to pg 357 Attachment 2 to DPS-440(DAG-56) pg 358 to pg 359	46.911% \$	4,813.07	8.016% \$	822.44	No	N/A	Network support
00180	921000	A&G-Office Supplies	00099	06/13/2011	PS-106911	BT INS INC	3	2012	\$89	Attachment 2 to DPS-440(DAG-56) pg 357 to pg 358 Attachment 2 to DPS-440(DAG-56) pg 359 to pg 360	46.911% \$	41.73	8.016% \$	7.13	No	N/A	Network support
00182	921000	A&G-Office Supplies	00099	09/30/2011	PS-107513	BT INS INC	6	2012	\$96,000	Attachment 2 to DPS-440(DAG-56) pg 358 to pg 359 Attachment 2 to DPS-440(DAG-56) pg 360 to pg 361	29.400% \$	28,224.00	5.021% \$	4,830.16	No	N/A	Network support
00182	921000	A&G-Office Supplies	00099	07/13/2011	337961163	MARRIOTT INTERNATIONAL	4	2012	\$80,750	Attachment 2 to DPS-440(DAG-56) pg 359 to pg 360 Attachment 2 to DPS-440(DAG-56) pg 361 to pg 362	29.387% \$	23,730.30	5.021% \$	4,054.46	No	N/A	conference rooms benefiting all companies
00182	921000	A&G-Office Supplies	00099	07/13/2011	3379611433	MARRIOTT INTERNATIONAL	4	2012	\$10,059	Attachment 2 to DPS-440(DAG-56) pg 360 to pg 361 Attachment 2 to DPS-440(DAG-56) pg 362 to pg 363	29.387% \$	3,132.39	5.021% \$	535.19	No	N/A	conference rooms benefiting all companies
00182	921000	A&G-Office Supplies	00099	08/10/2011	3379611624	MARRIOTT INTERNATIONAL	5	2012	\$161,500	Attachment 2 to DPS-440(DAG-56) pg 361 to pg 362 Attachment 2 to DPS-440(DAG-56) pg 363 to pg 364	29.387% \$	47,360.01	5.021% \$	8,108.92	No	N/A	conference rooms benefiting all companies

Niagara Mohawk Power Corporation
d/b/a National Grid
Case No. 12-E-0201 and 12-G-0202
Attachment 1 to DPS-440(DAG-56)
Page 17 of 21

DPS-440 (DAG-56)

Payables Details

Billing Period	Regulatory Ass't	Remittance Asset Desc	Orig Business Unit	Anal Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payable \$	FIDP Reference	Allocation Receipt	NMFO Electric	Allocation Gas	NMFO Gas	Normalisation	Exhibit Reference	Reasoning for Allocation to NMFO
00102	903000	Cost Records & Collection 00099		01/03/2011	162041390	R.R.DONNELLEY	10	2011	\$2,248		\$3,000%	\$ 1,865.43	17,000%	\$ 382.68	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		01/20/2011	538498426	R.R.DONNELLEY	10	2011	\$10,817		\$3,000%	\$ 8,978.32	17,000%	\$ 1,838.93	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		02/17/2011	912283769	R.R.DONNELLEY	11	2011	\$5,073		\$3,000%	\$ 4,210.39	17,000%	\$ 862.57	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		02/17/2011	821741286	R.R.DONNELLEY	11	2011	\$5,114		\$3,000%	\$ 4,244.95	17,000%	\$ 869.41	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		02/17/2011	476428171	R.R.DONNELLEY	11	2011	\$10,368		\$3,000%	\$ 8,605.41	17,000%	\$ 1,762.55	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		02/17/2011	047147044	R.R.DONNELLEY	11	2011	\$4,693		\$3,000%	\$ 3,895.52	17,000%	\$ 797.88	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		03/09/2011	187565149	R.R.DONNELLEY	12	2011	\$10,629		\$3,000%	\$ 8,822.14	17,000%	\$ 1,806.55	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		03/09/2011	938191541	R.R.DONNELLEY	12	2011	\$1,352		\$3,000%	\$ 956.11	17,000%	\$ 195.83	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		03/09/2011	198933118	R.R.DONNELLEY	12	2011	\$10,757		\$3,000%	\$ 8,928.55	17,000%	\$ 1,828.74	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		03/09/2011	507908188	R.R.DONNELLEY	12	2011	\$719		\$3,000%	\$ 621.81	17,000%	\$ 127.35	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		03/09/2011	210515256	R.R.DONNELLEY	12	2011	\$11,301		\$3,000%	\$ 9,131.04	17,000%	\$ 1,870.21	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		03/09/2011	105109293	R.R.DONNELLEY	12	2011	\$1,498		\$3,000%	\$ 1,243.61	17,000%	\$ 254.72	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		03/09/2011	470982631	R.R.DONNELLEY	12	2011	\$11,099		\$3,000%	\$ 9,211.80	17,000%	\$ 1,886.75	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		04/19/2011	079995527	R.R.DONNELLEY	1	2012	\$11,431	Attachment 2 to DPS-440(DAG-56) pg 20 to pg 20 Attachment 2 to DPS-440(DAG-56) pg 21 to pg 21	\$3,000%	\$ 9,504.48	17,000%	\$ 1,946.70	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		04/19/2011	560809644	R.R.DONNELLEY	1	2012	\$12,922		\$3,000%	\$ 8,951.87	17,000%	\$ 1,817.61	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		04/19/2011	818065074	R.R.DONNELLEY	1	2012	\$10,809		\$3,000%	\$ 8,898.58	17,000%	\$ 1,822.60	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		04/21/2011	820657104	R.R.DONNELLEY	1	2012	\$10,721		\$3,000%	\$ 8,369.78	17,000%	\$ 1,702.00	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		06/27/2011	938304765	R.R.DONNELLEY	3	2012	\$10,993		\$3,000%	\$ 9,124.31	17,000%	\$ 1,868.83	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		06/27/2011	013806551	R.R.DONNELLEY	3	2012	\$10,012		\$3,000%	\$ 2,446.35	17,000%	\$ 509.25	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		06/27/2011	442011391	R.R.DONNELLEY	3	2012	\$2,986		\$3,000%	\$ 7,240.70	17,000%	\$ 1,483.04	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		06/27/2011	357986576	R.R.DONNELLEY	3	2012	\$8,724		\$3,000%	\$ 3,991.89	17,000%	\$ 817.63	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		06/27/2011	114607634	R.R.DONNELLEY	3	2012	\$4,810		\$3,000%	\$ 9,193.04	17,000%	\$ 1,882.91	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		06/27/2011	580801845	R.R.DONNELLEY	3	2012	\$11,076		\$3,000%	\$ 8,670.88	17,000%	\$ 1,775.96	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		06/27/2011	544199979	R.R.DONNELLEY	3	2012	\$10,447		\$3,000%	\$ 9,115.21	17,000%	\$ 1,866.97	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		07/14/2011	284942362	R.R.DONNELLEY	4	2012	\$10,982		\$3,000%	\$ 1,243.61	17,000%	\$ 254.72	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		07/14/2011	150932449	R.R.DONNELLEY	4	2012	\$1,498		\$3,000%	\$ 9,126.20	17,000%	\$ 1,869.22	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		08/18/2011	436352410	R.R.DONNELLEY	5	2012	\$10,995		\$3,000%	\$ 225.69	17,000%	\$ 46.23	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		08/18/2011	787120191	R.R.DONNELLEY	5	2012	\$272		\$3,000%	\$ 338.53	17,000%	\$ 69.34	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		08/18/2011	510456930	R.R.DONNELLEY	5	2012	\$408		\$3,000%	\$ 8,710.32	17,000%	\$ 1,788.14	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		08/18/2011	022826668	R.R.DONNELLEY	5	2012	\$10,518		\$3,000%	\$ 8,404.04	17,000%	\$ 1,721.43	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		08/18/2011	213308442	R.R.DONNELLEY	5	2012	\$10,126		\$3,000%	\$ 3,729.81	17,000%	\$ 763.94	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		09/16/2011	296496438	R.R.DONNELLEY	6	2012	\$4,484		\$3,000%	\$ 8,414.38	17,000%	\$ 1,723.43	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		09/26/2011	418153161	R.R.DONNELLEY	6	2012	\$10,148		\$3,000%	\$ 8,671.94	17,000%	\$ 1,776.18	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		09/26/2011	890736889	R.R.DONNELLEY	6	2012	\$10,448		\$3,000%	\$ 7,737.20	17,000%	\$ 1,510.17	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		10/17/2011	827622028	R.R.DONNELLEY	7	2012	\$8,883		\$3,000%	\$ 3,720.85	17,000%	\$ 762.94	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		10/17/2011	296496438	R.R.DONNELLEY	7	2012	\$4,494		\$3,000%	\$ 4,119.27	17,000%	\$ 843.71	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		10/17/2011	728166625	R.R.DONNELLEY	7	2012	\$4,363		\$3,000%	\$ 9,161.12	17,000%	\$ 1,876.17	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		11/08/2011	427049327	R.R.DONNELLEY	8	2012	\$11,037		\$3,000%	\$ 8,858.69	17,000%	\$ 1,814.43	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		11/08/2011	498330109	R.R.DONNELLEY	8	2012	\$10,673		\$3,000%	\$ 9,147.36	17,000%	\$ 1,871.55	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		12/20/2011	148582045	R.R.DONNELLEY	9	2012	\$11,011		\$3,000%	\$ 1,171.11	17,000%	\$ 854.32	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		12/20/2011	155947011	R.R.DONNELLEY	9	2012	\$5,025	Attachment 2 to DPS-440(DAG-56) pg 22 to pg 22	\$3,000%	\$ 9,303.94	17,000%	\$ 1,905.54	No	N/A	Service directly attributable to NMFO
00102	903000	Cost Records & Collection 00099		12/20/2011	053725111	R.R.DONNELLEY	9	2012	\$11,209		\$3,000%				No	N/A	Service directly attributable to NMFO

DPS-440 (DAG-56)

Payables Details

Billing Period	Regulator's Asset	Regulatory Asset Description	Other Business Unit	Final Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payables \$	PDF Reference	Allocation Electric	NMDO Electric	Allocation Gas	NMDO Gas	Normalisation	Exhibit Reference	Reasoning for Allocation to NMDO
9/30/200	AR-G-Misc Expenses	00099		01/27/2011	2504717519	VERIZON WIRELESS	10	2011	\$51,673	Attachment 2 to DPS-440(DAG-56) pg 559-562	100.000% \$	\$1,672.27	0.000% \$	-	No	N/A	Service directly attributable to NMDO
9/30/200	AR-G-Misc Expenses	00099		02/25/2011	2516894725	VERIZON WIRELESS	11	2011	\$54,254	Attachment 2 to DPS-440(DAG-56) pg 563-566	100.000% \$	\$4,354.15	0.000% \$	-	No	N/A	Service directly attributable to NMDO
9/30/200	AR-G-Misc Expenses	00099		03/22/2011	2533027079	VERIZON WIRELESS	12	2011	\$51,785	Attachment 2 to DPS-440(DAG-56) pg 567-570	100.000% \$	\$1,785.03	0.000% \$	-	No	N/A	Service directly attributable to NMDO
9/30/200	AR-G-Misc Expenses	00099		04/27/2011	2547219605	VERIZON WIRELESS	1	2012	\$52,328	Attachment 2 to DPS-440(DAG-56) pg 571-574	100.000% \$	\$2,327.79	0.000% \$	-	No	N/A	Service directly attributable to NMDO
9/30/200	AR-G-Misc Expenses	00099		06/27/2011	2561416995	VERIZON WIRELESS	3	2012	\$51,781	Attachment 2 to DPS-440(DAG-56) pg 575-578	100.000% \$	\$1,783.87	0.000% \$	-	No	N/A	Service directly attributable to NMDO
9/30/200	AR-G-Misc Expenses	00099		07/01/2011	2575564243	VERIZON WIRELESS	4	2012	\$49,938	Attachment 2 to DPS-440(DAG-56) pg 579-582	100.000% \$	\$9,937.81	0.000% \$	-	No	N/A	Service directly attributable to NMDO
9/30/200	AR-G-Misc Expenses	00099		07/25/2011	2589711025	VERIZON WIRELESS	4	2012	\$50,780	Attachment 2 to DPS-440(DAG-56) pg 579-582	100.000% \$	\$0,780.05	0.000% \$	-	No	N/A	Service directly attributable to NMDO
9/30/200	AR-G-Misc Expenses	00099		07/26/2011	2603896677	VERIZON WIRELESS	5	2012	\$40,580	Attachment 2 to DPS-440(DAG-56) pg 583-586	100.000% \$	\$9,580.10	0.000% \$	-	No	N/A	Service directly attributable to NMDO
00101	9/30/200	AR-G-Misc Expenses	00099	08/26/2011	2603896677	VERIZON WIRELESS	5	2012	\$129	Attachment 2 to DPS-440(DAG-56) pg 579-582	100.000% \$	129.38	0.000% \$	-	No	N/A	Service directly attributable to NMDO
9/30/200	AR-G-Misc Expenses	00099		09/22/2011	2618027153	VERIZON WIRELESS	6	2012	\$49,027	Attachment 2 to DPS-440(DAG-56) pg 583-586	100.000% \$	\$9,027.22	0.000% \$	-	No	N/A	Service directly attributable to NMDO
00101	9/30/200	AR-G-Misc Expenses	00099	09/27/2011	2618027153	VERIZON WIRELESS	6	2012	\$92	Attachment 2 to DPS-440(DAG-56) pg 583-586	100.000% \$	92.48	0.000% \$	-	No	N/A	Service directly attributable to NMDO
9/30/200	AR-G-Misc Expenses	00099		10/24/2011	2634660980	VERIZON WIRELESS	7	2012	\$169	Attachment 2 to DPS-440(DAG-56) pg 587-592	100.000% \$	169.08	0.000% \$	-	No	N/A	Service directly attributable to NMDO
9/30/200	AR-G-Misc Expenses	00099		10/25/2011	2632410750	VERIZON WIRELESS	7	2012	\$49,977	Attachment 2 to DPS-440(DAG-56) pg 587-592	100.000% \$	\$9,977.80	0.000% \$	-	No	N/A	Service directly attributable to NMDO
00101	9/30/200	AR-G-Misc Expenses	00099	10/25/2011	2632410750	VERIZON WIRELESS	7	2012	\$258	Attachment 2 to DPS-440(DAG-56) pg 587-592	100.000% \$	257.62	0.000% \$	-	No	N/A	Service directly attributable to NMDO
9/30/200	AR-G-Misc Expenses	00099		11/21/2011	2648887181	VERIZON WIRELESS	8	2012	\$189	Attachment 2 to DPS-440(DAG-56) pg 593-595	100.000% \$	189.16	0.000% \$	-	No	N/A	Service directly attributable to NMDO
9/30/200	AR-G-Misc Expenses	00099		11/23/2011	2646322714	VERIZON WIRELESS	8	2012	\$45,476	Attachment 2 to DPS-440(DAG-56) pg 596-614	100.000% \$	\$5,476.70	0.000% \$	-	No	N/A	Service directly attributable to NMDO
00101	9/30/200	AR-G-Misc Expenses	00099	11/23/2011	2646322714	VERIZON WIRELESS	8	2012	\$272	Attachment 2 to DPS-440(DAG-56) pg 596-614	100.000% \$	272.62	0.000% \$	-	No	N/A	Service directly attributable to NMDO
9/30/200	AR-G-Misc Expenses	00099		12/22/2011	2668129792	VERIZON WIRELESS	9	2012	\$151	Attachment 2 to DPS-440(DAG-56) pg 609-610	100.000% \$	150.88	0.000% \$	-	No	N/A	Service directly attributable to NMDO
9/30/200	AR-G-Misc Expenses	00099		12/22/2011	2660564122	VERIZON WIRELESS	9	2012	\$49,654	Attachment 2 to DPS-440(DAG-56) pg 611-608	100.000% \$	\$9,654.05	0.000% \$	-	No	N/A	Service directly attributable to NMDO
00101	9/30/200	AR-G-Misc Expenses	00099	12/22/2011	2660564122	VERIZON WIRELESS	9	2012	\$269	Attachment 2 to DPS-440(DAG-56) pg 609-610	100.000% \$	269.62	0.000% \$	-	No	N/A	Service directly attributable to NMDO

DPS-440 (DAG-56)

Journals Details

Niagara Mohawk Power Corporation
d/b/a National Grid
Case No. 12-E-0201 and 12-G-0202
Attachment 1 to DPS-440(DAG-56)
Page 19 of 21

<u>Business Unit</u>	<u>Activity</u>	<u>Activity Descr</u>	<u>Expense Type</u>	<u>Expense Type Descr</u>	<u>Billing Pool</u>	<u>Regulatory Acct</u>	<u>Regulatory Acct Descr</u>	<u>Orig Business Unit</u>	<u>Period</u>	<u>Fiscal Yr</u>	<u>Jrnl Id</u>	<u>Posted Jrnl \$</u>	<u>PDF Reference</u>	<u>Allocation Electric</u>	<u>NIMO Electric</u>	<u>Allocation Gas</u>	<u>NIMO Gas</u>
00036	AG1007	Bad Debt Exp - Misc Billing	400	Other		904000	Uncollectible Accounts	00041	6	2012	41630A-2	(\$624,505)	Attachment 3 to DPS-440(DAG- 56) pgs 162 to 170	100.000%	\$ (624,505)	0.000%	\$ -
00036	AG1007	Bad Debt Exp - Misc Billing	400	Other		904000	Uncollectible Accounts	00041	6	2012	41630A-2	\$624,505	Attachment 3 to DPS-440(DAG- 56) pgs 162 to 170	0.000%	\$ -	100.000%	\$ 624,505
00036	AG1007	Bad Debt Exp - Misc Billing	400	Other		904000	Uncollectible Accounts	00041	6	2012	41630A	\$2,818,338	Attachment 3 to DPS-440(DAG- 56) pgs 171 to 180	100.000%	\$ 2,818,338	0.000%	\$ -
00036	AG0276	U.K. Insurance-Property	400	Other	00109	925000	Injuries & Damages Insurance	00099	10	2011	99389DS2	\$93,163	Attachment 3 to DPS-440(DAG- 56) pgs 87 to 100	83.000%	\$ 77,325	17.000%	\$ 15,838
00036	AG0276	U.K. Insurance-Property	400	Other	00109	925000	Injuries & Damages Insurance	00099	11	2011	99389DS2	\$93,163	Attachment 3 to DPS-440(DAG- 56) pgs 101 to 113	83.000%	\$ 77,325	17.000%	\$ 15,838
00036	AG0276	U.K. Insurance-Property	400	Other	00109	925000	Injuries & Damages Insurance	00099	12	2011	99389DS2	\$93,163	Attachment 3 to DPS-440(DAG- 56) pgs 181 to 192	83.000%	\$ 77,325	17.000%	\$ 15,838
00036	AG0276	U.K. Insurance-Property	400	Other	00100	925000	Injuries & Damages Insurance	00099	5	2012	99389DS2	\$113,064	Attachment 3 to DPS-440(DAG- 56) pgs 1 to 11	83.000%	\$ 93,843	17.000%	\$ 19,221
00036	AG0276	U.K. Insurance-Property	400	Other	00100	925000	Injuries & Damages Insurance	00099	6	2012	99389DS2	\$113,064	Attachment 3 to DPS-440(DAG- 56) pgs 12 to 23	83.000%	\$ 93,843	17.000%	\$ 19,221
00036	AG0276	U.K. Insurance-Property	400	Other	00100	925000	Injuries & Damages Insurance	00099	7	2012	99389DS2	\$113,064	Attachment 3 to DPS-440(DAG- 56) pgs 24 to 34	83.000%	\$ 93,843	17.000%	\$ 19,221
00036	AG0276	U.K. Insurance-Property	400	Other	00100	925000	Injuries & Damages Insurance	00099	8	2012	99389DS2	\$113,064	Attachment 3 to DPS-440(DAG- 56) pgs 35 to 45	83.000%	\$ 93,843	17.000%	\$ 19,221
00036	AG0276	U.K. Insurance-Property	400	Other	00100	925000	Injuries & Damages Insurance	00099	9	2012	99389DS2	\$113,064	Attachment 3 to DPS-440(DAG- 56) pgs 46 to 70	83.000%	\$ 93,843	17.000%	\$ 19,221
00036	AG0276	U.K. Insurance-Property	400	Other	00100	925000	Injuries & Damages Insurance	00099	4	2012	99389DS3	\$452,256	Attachment 3 to DPS-440(DAG- 56) pgs 71 to 86	83.000%	\$ 375,372	17.000%	\$ 76,883
00036	AG0880	Telecom & Network (Voice/Data)		Other		921000	A&G-Office Supplies	00099	10	2011	99614-17DS	\$627,000	Attachment 3 to DPS-440(DAG- 56) pgs 245 to 247	100.000%	\$ 627,000	0.000%	\$ -

DPS-440 (DAG-56)

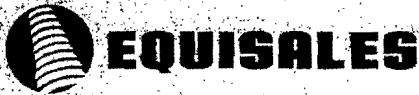
Journals Details

Business Unit	Activity	Activity Descr	Expense Type	Expense Type Descr	Billing Pool	Regulatory Acct	Regulatory Acct Descr	Orig. Business Unit	Period	Fiscal Yr	Jrnl Id	Posted Jrnl \$	PDF Reference	Allocation Electric	NIMO Electric	Allocation Gas	NIMO Gas
00036	AG0990	Credit & Collections	400	Other		903000	Cust Records & Collection	00099	12	2011	99617_MK8	\$384,820	Attachment 3 to DPS-440(DAG-56) pgs 114 to 117	100.000%	\$ 384,820	0.000%	\$ -
00036	AG0990	Credit & Collections	400	Other		903000	Cust Records & Collection	00099	12	2011	99617_MK8	\$78,822	Attachment 3 to DPS-440(DAG-56) pgs 114 to 117	0.000%	\$ -	100.000%	\$ 78,822
00036	921000	A&G-Office Supplies	400	Other	00100	921000	A&G-Office Supplies	00099	12	2011	99618DS21	\$1,322,818	Attachment 3 to DPS-440(DAG-56) pgs 118 to 127	83.000%	\$ 1,097,939	17.000%	\$ 224,879
00036	AG0271	U.S. Insurance-Liability	400	Other		925000	Injuries & Damages Insurance	00036	4	2012	AR00326613	(\$298,551)	Please see Exhibit __ (RRP-11) Workpapers to Exhibit RRP-3, Schedule 7, Worksheet 8	100.000%	\$ (298,551)	0.000%	\$ -
00036	DX03020	Routine Operations	400	Other		582000	Dist Oper-Substations	00036	12	2011	PAFY11RES	\$1,074,393	Attachment 3 to DPS-440(DAG-56) pgs 128 to 134	100.000%	\$ 1,074,393	0.000%	\$ -
00036	GO1000	LINE operating/maint. supp.	400	Other		840000	Operation Supv & Eng	00036	12	2011	PAFY11RES	\$348,663	Attachment 3 to DPS-440(DAG-56) pgs 128 to 134	0.000%	\$ -	100.000%	\$ 348,663
00036	DX03020	Routine Operations	400	Other		582000	Dist Oper-Substations	00036	11	2011	PP99905293	\$220,408	Attachment 3 to DPS-440(DAG-56) pgs 193 to 244	100.000%	\$ 220,408	0.000%	\$ -
00036	DX03020	Routine Operations	400	Other		582000	Dist Oper-Substations	00036	11	2011	PP99905293	\$507,887	Attachment 3 to DPS-440(DAG-56) pgs 193 to 244	100.000%	\$ 507,887	0.000%	\$ -
00036	DX03020	Routine Operations	400	Other		582000	Dist Oper-Substations	00036	11	2011	PP99905293	\$74,829	Attachment 3 to DPS-440(DAG-56) pgs 193 to 244	100.000%	\$ 74,829	0.000%	\$ -
00036	DX03020	Routine Operations	400	Other		582000	Dist Oper-Substations	00036	11	2011	PP99905293	\$2,839	Attachment 3 to DPS-440(DAG-56) pgs 193 to 244	100.000%	\$ 2,839	0.000%	\$ -
00036	DX03020	Routine Operations	400	Other		582000	Dist Oper-Substations	00036	11	2011	PP99905293	\$417	Attachment 3 to DPS-440(DAG-56) pgs 193 to 244	100.000%	\$ 417	0.000%	\$ -
00036	AG0283	Claims-Accrual (Reserve)	403	Claims		925000	Injuries & Damages Insurance	00001	12	2011	01682DS	\$892,000	Attachment 3 to DPS-440(DAG-56) pgs 135 to 140	100.000%	\$ 892,000	0.000%	\$ -
00036	AG0283	Claims-Accrual (Reserve)	403	Claims		925000	Injuries & Damages Insurance	00001	3	2012	01682DS	\$229,539	Attachment 3 to DPS-440(DAG-56) pgs 141 to 147	100.000%	\$ 229,539	0.000%	\$ -

DPS-440 (DAG-56)

Journals Details

<u>Business Unit</u>	<u>Activity</u>	<u>Activity Descr</u>	<u>Expense Type</u>	<u>Expense Type Descr</u>	<u>Billing Pool</u>	<u>Regulatory Acct</u>	<u>Regulatory Acct Descr</u>	<u>Orig Business Unit</u>	<u>Period</u>	<u>Fiscal Yr</u>	<u>Jrnl Id</u>	<u>Posted Jrnl \$</u>	<u>PDF Reference</u>	<u>Allocation Electric</u>	<u>NIMO Electric</u>	<u>Allocation Gas</u>	<u>NIMO Gas</u>
00036	AG0283	Claims-Accrual (Reserve)	403	Claims		925000	Injuries & Damages Insurance	00001	6	2012	01682DS1	\$534,479	Attachment 3 to DPS-440(DAG- 56) pgs 148 to 154	100.000%	\$	534,479	\$
00036	AG0283	Claims-Accrual (Reserve)	403	Claims		925000	Injuries & Damages Insurance	00001	9	2012	01682DS1	(\$1,208,817)	Attachment 3 to DPS-440(DAG- 56) pgs 155 to 161	100.000%	\$	(1,208,817)	\$
00036	AG0889	Telecom & Network (Voice/Data)	Other	Other	00100	925000	Injuries & Damages Insurance	00036	9	2012	AP00000000	\$3,152,301	Please see Exhibit RRP-2 Schedule 1 - Verizon		\$	2,647,010	\$ 505,291



13811 Cullen Blvd.
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Invoice

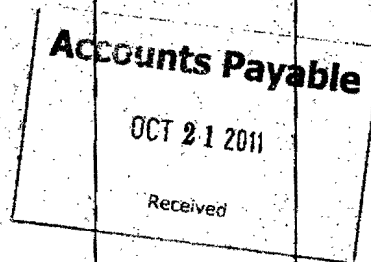
Date	Invoice #
10/6/2011	24400

Bill To
Niagara Mohawk Power Corp. Accounts Payable 300 Erie Blvd. West Syracuse NY 13202-0000

Ship To
Rt 5 S Amsterdam, NY 13440-0000

P.O. Number	Terms	Due Date	F.O.B.	Project
0000155091	Net 30	11/5/2011		11.40

Quantity	Description	Price Each	Amount
	Power Transformer for Amsterdam Temp Substation		391,500.00
	Note: Price includes Freight		
WIRING INSTRUCTIONS: EQUISALES ASSOCIATES, INC. TEXAS CAPITAL BANK ABA #111017979 Account #1111053136 Ref: Our invoice #			
		Subtotal	\$391,500.00
		Sales Tax (8.25%)	\$0.00
		Total	\$391,500.00



Please remit via check or wire transfer as per the above instructions.

ALL SALES SHIPPED TO AN ADDRESS IN TEXAS MUST HAVE "RESALE, EXEMPT AND/OR DIRECT PAY CERTIFICATE" ON FILE. OTHERWISE SALES TAX WILL BE DUE FROM CUSTOMER.



13811 Cullen Blvd.
Houston, TX 77047

Phone # 713-733-3999

jessica@equisales.com

www.equisales.com

Invoice

Date	Invoice #
10/26/2011	24412

Bill To
Niagara Mohawk Power Corp. Accounts Payable 300 Eric Blvd. West Syracuse NY 13202-0000

Ship To
Rt 5 S Amsterdam, NY 13440-0000

P.O. Number	Terms	Due Date	F.O.B.	Project
0000155091	Net 30	11/25/2011		11.40

Quantity	Description	Price Each	Amount
	Power Transformer for Amsterdam Temp Substation		43,500.00
	Note: Price includes Freight		
Accounts Payable NOV 01 2011 Received			
WIRING INSTRUCTIONS: EQUISALES ASSOCIATES, INC. TEXAS CAPITAL BANK ABA #111017979 Account #1111053136 Ref: Our invoice #			
Subtotal			\$43,500.00
Sales Tax (8.25%)			\$0.00
Total			\$43,500.00

Please remit via check or wire transfer as per the above instructions.

ALL SALES SHIPPED TO AN ADDRESS IN TEXAS MUST HAVE "RESALE, EXEMPT AND/OR DIRECT PAY CERTIFICATE" ON FILE. OTHERWISE SALES TAX WILL BE DUE FROM CUSTOMER.

Journal Entry

Header	Lines	Totals	Errors	Approval
Unit: 00099 Journal ID: 99618DS21 Date: 03/31/2011				
Long Description: Service Co Tax Adjustment - C. Dowling				
Ledger Group: Auto Generate Lines				
Ledger: Adjusting Entry: Non-Adjusting Entry				
*Source: IMP Fiscal Year: 2011				
Reference Number: Period:				
SJE Type: Add Date:				
Journal Class: ☐ Save Journal Incomplete Status				
Transaction Code: GENERAL				
Currency Defaults: USD / CRRNT / 1 Created: 04/01/11 11:01:45AM User ID: dshaferov				
Reversal: Do Not Generate Reversal Posted: Updated: 04/01/11 11:06:28AM				

Header | Lines | Totals | Errors | Approval

ENTERED BY CA DATE 4/1/11
POSTED BY CA DATE 4/1/11
CHECK ACCOUNTS ✓ CHECK CALCS ✓
COPIED ✓ PREVIOUS MO ✓
REASONABILITY ✓ VERIFY INPUTS ✓

Journal Entry

Page 1 of 2

New Window | Help | Customize Page | 

Header	Lines	Totals	Errors	Approval								
Unit: 00099	Journal ID: 99618DS21	Date: 03/31/2011	*Process: Edit Journal		Process							
Template List	Search Criteria	Change Values	Inter/IntraUnit	Errors Only	Line: 100							
Lines												
Select	Line	*Unit	Activity	Exp Type	Orig Dept	Chrg Dept	Bill Pool	Segment	Account	Reg Acct	Amount	Journal Line Description
	1	00005	409157	400	11999	11999		DIST	331020	409157	370,459.34	Service Co Tax Adj
	2	00005	410157	400	11999	11999		DIST	331022	410157	-1,859,845.94	Service Co Tax Adj
	3	00005	921000	400	11999	11999		DIST	256026	921000	1,489,386.60	Service Co Tax Adj
	4	00010	409157	400	11999	11999		TRAN	331020	409157	212,887.04	Service Co Tax Adj
	5	00010	410157	400	11999	11999		TRAN	331022	410157	-1,068,773.43	Service Co Tax Adj
	6	00010	921000	400	11999	11999		TRAN	256026	921000	855,886.39	Service Co Tax Adj
	7	00036	409157	400	11999	11999		DIST	331020	409157	329,028.36	Service Co Tax Adj
	8	00036	410157	400	11999	11999		DIST	331022	410157	-1,651,846.77	Service Co Tax Adj
	9	00036	921000	400	11999	11999	00100	DIST	256026	921000	1,322,818.41	Service Co Tax Adj
	10	00048	409157	400	11999	11999		GAS	331020	409157	18,752.92	Service Co Tax Adj
	11	00048	410157	400	11999	11999		GAS	331022	410157	-94,146.73	Service Co Tax Adj
	12	00048	921000	400	11999	11999		GAS	256026	921000	75,393.81	Service Co Tax Adj
	13	00049	409157	400	11999	11999		DIST	331020	409157	141,499.35	Service Co Tax Adj
	14	00049	410157	400	11999	11999		DIST	331022	410157	-710,380.21	Service Co Tax Adj
	15	00049	921000	400	11999	11999		DIST	256026	921000	568,880.86	Service Co Tax Adj

Lines to add: 1 4

Totals		Customize First view 5 First Last Last			
Unit	Total Lines	Total Debits	Total Credits	Journal Status	
00005	3	1,859,845.94	1,859,845.94	V	
00010	3	1,068,773.43	1,068,773.43	V	
00036	3	1,651,846.77	1,651,846.77	V	
00048	3	94,146.73	94,146.73	V	

Journal Entry

00049	3	710,380.21	710,380.21	V
00099		0.00	0.00	V

[Header](#) |
[Lines](#) |
[Totals](#) |
[Errors](#) |
[Approval](#)

The fields with red bolded headers are required

Unit	Ledger	Account	Activity	Orig Dept	Chg Dept	Bk Pool (req for Serv Co P&L only)	WO	Expense Type	Segment	Amount	Stat Code	Stat Amount	Description	Project	Reg Account	Base Amount
00005	ACTUALS	DERIVE	409157	11999	11999			400	DIST	370,459.34			Service Co Tax Adj			
00005	ACTUALS	DERIVE	410157	11999	11999			400	DIST	(1,859,845.94)			Service Co Tax Adj			
00005	ACTUALS	DERIVE	921000	11999	11999			400	DIST	1,489,388.60			Service Co Tax Adj			
00010	ACTUALS	DERIVE	409157	11999	11999			400	TRAN	212,867.04			Service Co Tax Adj			
00010	ACTUALS	DERIVE	410157	11999	11999			400	TRAN	(1,068,773.43)			Service Co Tax Adj			
00010	ACTUALS	DERIVE	921000	11999	11999			400	TRAN	855,886.39			Service Co Tax Adj			
00036	ACTUALS	DERIVE	409157	11999	11999	00100		400	DIST	329,028.38			Service Co Tax Adj			
00036	ACTUALS	DERIVE	410157	11999	11999	00100		400	DIST	(1,651,846.77)			Service Co Tax Adj			
00036	ACTUALS	DERIVE	921000	11999	11999	00100		400	DIST	1,322,818.41			Service Co Tax Adj			
00048	ACTUALS	DERIVE	409157	11999	11999			400	GAS	18,752.92			Service Co Tax Adj			
00048	ACTUALS	DERIVE	410157	11999	11999			400	GAS	(94,146.75)			Service Co Tax Adj			
00048	ACTUALS	DERIVE	921000	11999	11999			400	GAS	75,393.81			Service Co Tax Adj			
00049	ACTUALS	DERIVE	409157	11999	11999			400	DIST	141,499.35			Service Co Tax Adj			
00049	ACTUALS	DERIVE	410157	11999	11999			400	DIST	(710,380.21)			Service Co Tax Adj			
00049	ACTUALS	DERIVE	921000	11999	11999			400	DIST	568,880.66			Service Co Tax Adj			

check:

Total current	1,072,627.01
Total deferred	(5,384,993.08)
Total	(4,312,366.07)

NOTES:

Ledger should always be "Actuals"

Account can be left as DERIVE, or if doing an ADJ entry, can be specified

Segment can be left blank if letting the system derive, or can be specified for IMP, ONL, or ADJ entries

Stat Code and Stat Amount leave blank

Project and Reg Account leave blank - will derive

Base Amount + Currency leave blank

99-311 to reclass all Serv Co taxes

*****Book As ADJ*****

CBU	Ledger	Account	Activity	Dept	Dept	BP	WO	Exp Type	Seg	Amount	
00005	ACTUALS DERIVE	409157	11999	11999				400	DIST	370,459.34	Service Co Tax Adj
00005	ACTUALS DERIVE	410157	11999	11999				400	DIST	(1,859,845.94)	Service Co Tax Adj
00005	ACTUALS DERIVE	921000	11999	11999				400	DIST	1,489,386.60	Service Co Tax Adj
00010	ACTUALS DERIVE	409157	11999	11999				400	TRAN	212,887.04	Service Co Tax Adj
00010	ACTUALS DERIVE	410157	11999	11999				400	TRAN	(1,068,773.43)	Service Co Tax Adj
00010	ACTUALS DERIVE	921000	11999	11999				400	TRAN	855,886.39	Service Co Tax Adj
00036	ACTUALS DERIVE	409157	11999	11999	00100			400	DIST	329,028.36	Service Co Tax Adj
00036	ACTUALS DERIVE	410157	11999	11999	00100			400	DIST	(1,651,846.77)	Service Co Tax Adj
00036	ACTUALS DERIVE	921000	11999	11999	00100			400	DIST	1,322,818.40	Service Co Tax Adj
00048	ACTUALS DERIVE	409157	11999	11999				400	GAS	18,752.92	Service Co Tax Adj
00048	ACTUALS DERIVE	410157	11999	11999				400	GAS	(94,146.73)	Service Co Tax Adj
00048	ACTUALS DERIVE	921000	11999	11999				400	GAS	75,393.82	Service Co Tax Adj
00049	ACTUALS DERIVE	409157	11999	11999				400	DIST	141,499.35	Service Co Tax Adj
00049	ACTUALS DERIVE	410157	11999	11999				400	DIST	(710,380.21)	Service Co Tax Adj
00049	ACTUALS DERIVE	921000	11999	11999				400	DIST	568,880.86	Service Co Tax Adj

Total Current	409157	1,072,627.01
Total Deferred	410157	(5,384,993.08)
Net		(4,312,366.07)

	A20 %	Current	Deferred	Net
00005	0.34538	370,459.34	(1,859,845.94)	(1,489,386.60)
00010	0.19847	212,887.04	(1,068,773.43)	(855,886.39)
00036	0.30675	329,028.36	(1,651,846.77)	(1,322,818.40)
00048	0.01748	18,752.92	(94,146.73)	(75,393.82)
00049	0.13192	141,499.35	(710,380.21)	(568,880.86)
	1.00000	1,072,627.01	(5,384,993.08)	(4,312,366.07)

1,072,627.01 Total 409157
1,072,627.01 Check current
(5,384,993.08) Total 410157
(5,384,993.08) Check Deferred

(4,312,366.07) total adj O&M
(4,312,366.07) check - total
check

Sum of Posted Jnl \$		Jnl Hdr Srce							
Billing Pool	Activity	ADJ	ALO	AP	ONL	IMP	Grand Total	Less allocations	Ref
00694	409110	12,000.00	(12,000.00)				-	12,000.00	
	409111	500.00	(500.00)				-	500.00	
	409114	250.00	(250.00)				-	250.00	
	409121	6,100.00	(24,537.00)	18,437.00			-	24,537.00	
	409123		(18,082.77)		18,082.77		-	18,082.77	
	409160	4,151,645.22	(232,587.02)		(10,211,731.32)	10,444,318.34	4,151,645.22	10,676,905.36	3 + 5
	409200	(3,366,975.00)	3,366,975.00				-	(3,366,975.00)	
	409301	-					-	-	
	410100	-					-	-	
	410105	(4,235,525.52)	1,233,347.86		10,295,611.62	(11,445,079.18)	(4,151,645.22)	(12,678,427.04)	4 + 6
	410155	(18,082.77)				18,082.77	-	18,082.77	
	411100	-					-	-	
	411150	-					-	-	
	411200	-					-	-	
00694 Total		(3,450,088.07)	4,312,366.07	18,437.00	101,963.07	(982,678.07)	-	(5,295,044.14)	
00999	409160	6,292,673.12				(6,292,673.12)	-	(6,292,673.12)	8 + 9
	410105	(7,293,433.96)				7,293,433.96	-	7,293,433.96	2 + 7 + 10
	410155	18,082.77				(18,082.77)	-	(18,082.77)	1
00999 Total		(982,678.07)				982,678.07	-	982,678.07	
Grand Total		(4,432,766.14)	4,312,366.07	18,437.00	101,963.07	0.00	-	(4,312,366.07)	

Agrees to amount of A20 allocated (1,800 - .525)

Total taxes booked (4,312,366.07)

Unallocated taxes

Incorrect tax bill pool used

Total Current 409157 1,072,627.01

Total Deferred 410157 (5,384,993.08)

Net (4,312,366.07)

Sum of Posted Jnl		Period												Grand Total
Activity	Business	1	2	3	4	5	6	7	8	9	10	11	12	
409157	00005	(107,650)	(85,689)	(109,047)	(114,563)	(113,485)	(113,151)	(109,864)	(107,583)	(200,288)	(138,685)	(114,599)	1,314,602	-
	00010	(61,467)	(42,347)	(56,886)	(61,032)	(53,559)	(53,096)	(56,086)	(56,210)	(90,844)	(53,292)	(54,558)	638,377	0
	00036	(110,164)	(85,595)	(122,247)	(117,719)	(119,401)	(115,301)	(112,871)	(119,482)	(222,337)	(98,931)	(123,337)	1,347,385	(0)
	00049	(46,188)	(33,785)	(42,263)	(43,254)	(45,708)	(50,347)	(51,277)	(50,993)	(87,007)	(43,681)	(50,065)	544,569	-
409157 Total		(325,470)	(247,415)	(330,443)	(336,568)	(332,152)	(331,894)	(330,098)	(333,268)	(600,476)	(334,568)	(342,559)	3,844,934	(0)
410157	00005	136,230	144,742	137,915	142,254	142,789	143,015	139,320	131,215	136,151	178,163	181,823	(1,815,617)	0
	00010	78,927	71,530	71,946	75,785	67,389	58,462	62,081	72,853	76,202	69,914	60,273	(765,363)	-
	00036	141,458	144,583	154,610	146,174	150,233	149,246	141,915	142,500	160,722	141,793	131,543	(1,604,778)	-
	00049	59,309	57,068	53,452	53,710	57,512	67,199	74,608	71,355	59,412	42,618	44,285	(640,527)	(0)
410157 Total		417,923	417,923	417,923	417,923	417,923	417,923	417,924	417,923	432,488	432,488	417,923	(4,826,285)	0
Grand Total		92,454	170,507	87,480	81,355	85,770	86,029	87,826	84,655	(167,988)	97,900	75,364	(781,351)	-

AMOUNTS CLEARED THROUGH A20

Sum of Posted Jmt \$		Period												Grand Total
Org Business	Business Unit	1	2	3	4	5	6	7	8	9	10	11	12	
00099	00005	45,814	71,652	42,410	42,499	44,587	39,559	42,545	56,006	45,426	51,990	39,972	(1,577,215)	(1,054,756)
	00010	26,159	40,977	22,124	22,641	23,894	21,717	18,732	34,871	28,793	19,978	20,489	(886,497)	(606,123)
	00036	46,884	79,812	47,544	43,670	45,503	37,921	51,262	44,912	56,761	37,087	40,200	(1,468,351)	(936,795)
	00048	6,444	10,147	6,203	5,935	6,864	5,688	7,601	7,287	7,419	7,298	6,318	(130,596)	(53,393)
	00049	19,657	30,177	16,437	16,046	16,816	15,909	16,754	22,917	20,115	16,375	15,104	(609,177)	(402,871)
00099 Total		144,959	232,764	134,717	130,792	137,663	120,793	136,893	165,993	156,513	132,728	122,084	(4,671,837)	(3,053,938)
Grand Total		144,959	232,764	134,717	130,792	137,663	120,793	136,893	165,993	156,513	132,728	122,084	(4,671,837)	(3,053,938)

PERCENTAGE OF TOTALS

00099	00005	31.61%	30.78%	31.48%	32.49%	32.39%	32.75%	31.08%	33.74%	28.66%	39.17%	32.74%	33.76%	34.54%
	00010	18.05%	17.60%	16.42%	17.31%	17.36%	17.98%	13.68%	21.01%	18.16%	15.05%	16.78%	18.98%	19.85%
	00036	32.34%	34.29%	35.29%	33.39%	33.05%	31.39%	37.45%	27.06%	35.81%	27.94%	32.93%	31.43%	30.68%
	00048	4.45%	4.36%	4.60%	4.54%	4.99%	4.71%	5.55%	4.39%	4.68%	5.50%	5.17%	2.80%	1.75%
	00049	13.56%	12.96%	12.20%	12.27%	12.22%	13.17%	12.24%	13.81%	12.69%	12.34%	12.37%	13.04%	13.19%
00099 Total		100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%

Sum of Posted Jnl \$		
Orig Busin	Business Unit	Total
00099	00001	(23,995.07)
	00004	(6,640.41)
	00005	(1,054,755.92)
	00006	(28,617.21)
	00008	(2,880.25)
	00010	(606,122.84)
	00020	(3,131.73)
	00021	(267.48)
	00035	2.05
	00036	(936,795.42)
	00041	(52,015.96)
	00048	(53,392.50)
	00049	(402,870.86)
	00070	14.38
	00071	(0.46)
	00072	20,983.25
	00085	0.00
	00086	0.08
	00095	32.04
	00099	224,820.02
	01401	(341,792.50)
	01402	(13,277.10)
	01403	(46,634.56)
	01404	(382.93)
	01406	(37,579.39)
	01431	8.62
	01434	(114,298.13)
	01435	(56,229.02)
	01436	(866.10)
	01437	(83,995.46)
	01438	(162,475.86)
	01444	(73.88)
	01446	(912.73)
	01448	(997.38)
	01459	(79.87)
	01471	(1,734.67)
	01563	(6.98)
00099 Total		(3,786,962.23)
Grand Total		(3,786,962.23)
Taxes booked		(4,312,366.07)
Serv Co Equity		525,000.00
Total		<u>(3,787,366.07)</u>
Var (not material)		(403.84)

Shaferov, Dmitriy

From: Dowling, Colleen
Sent: Friday, April 01, 2011 10:54 AM
To: Shaferov, Dmitriy
Cc: Arcieri, Charles A.; O Shaughnessy, John E.; Bhat, Nadiya; Bushmich, Pamela
Subject: Emailing: JE - Serv Co tax correction 4.zip

Attachments: JE - Serv Co tax correction 4.zip



JE - Serv Co tax
correction 4....

mitriy:

Please post the journal entry to reclass Service Co taxes YTD - the JE is the first tab of the attached file. The additional tabs are the support for the entry.

Thanks!

Colleen Dowling
National Grid
40 Sylvan Road, E3.632
Waltham, MA 02451-1120
* 781.907.2689
* 508.259.4758 cell
7 781.907.5710
* colleen.dowling@us.ngrid.com

Journal Entry

Page 1 of 1

New Window | Help | Customize Page | 

Header	Lines	Totals	Errors	Approval
Unit: 00036 Journal ID: PAFY11RES Date: 03/31/2011				
Long Description: PA reserve fiscal yr end 11 reserves				
*Ledger Group:		Auto Generate Lines		
Ledger:		Adjusting Entry: Non-Adjusting Entry		
*Source: IMP		Fiscal Year: 2011		
Reference Number:		Period:		
SJE Type:		ADB Date:		
Journal Class:		Save Journal Incomplete Status		
Transaction Code: GENERAL				
Currency Defaults: USD / CRRNT / 1		Created: 04/04/11 3:29:26PM User ID: rkempf		
Reversal: Do Not Generate Reversal		Posted: Updated: 04/04/11 4:00:02PM		
Save Return to Search Next in List Notify Refresh Add				
Header Lines Totals Errors Approval				

Entered By: *rkempf* Date: 4/4/11
 Posted By: *rkempf* Date: 4/4/11
 Check Accounts: _____ Check Calcs: _____
 Copied: _____ Previous Mo: _____
 Reasonability: _____ Verify Inputs: _____
rkempf 4/4/11

Journal Entry

Page 1 of 3

New Window | Help | Customize Page | 

Header	Lines	Totals	Errors	Approval									
Unit: 00036	Journal ID: PAFY11RES	Date: 03/31/2011	*Process: Edit Journal	Process									
Template List	Search Criteria	Change Values	Inter/IntraUnit	Errors Only	Line: 100								
▼ Lines													Cus
Line	*Unit	Activity	Project	WO	Exp Type	Orig Dept	Chrg Dept	Segment	Account	Reg Acct	Amount	Journ	
1	00004	403000	Q		400 Q	11999 Q	11999 Q	DIST Q	210020	403000	505.00	Defa	
2	00004	108100	Q		400 Q	11999 Q	11999 Q	DIST Q	452019	108000	-505.00	Defa	
3	00005	403000	Q		400 Q	11999 Q	11999 Q	DIST Q	210020	403000	168,802.00	Defa	
4	00005	108100	Q		400 Q	11999 Q	11999 Q	DIST Q	452019	108000	-168,802.00	Defa	
5	00010	403000	Q		400 Q	11999 Q	11999 Q	TRAN	210020	403000	9,791.00	Defa	
6	00010	108100	Q		400 Q	11999 Q	11999 Q	TRAN	452019	108000	-9,791.00	Defa	
7	00036	403000	Q		400 Q	11999 Q	11999 Q	DIST	210020	403000	489,737.00	Defa	
8	00036	108100	Q		400 Q	11999 Q	11999 Q	DIST	452019	108000	-489,737.00	Defa	
9	00036	403000	Q		400 Q	11999 Q	11999 Q	TRAN	210020	403000	62,747.00	Defa	
10	00036	108100	Q		400 Q	11999 Q	11999 Q	TRAN	452019	108000	-62,747.00	Defa	
11	00041	403000	Q		400 Q	11999 Q	11999 Q	DIST	210020	403000	5,701.00	Defa	
12	00041	108100	Q		400 Q	11999 Q	11999 Q	DIST	452019	108000	-5,701.00	Defa	
13	00048	403000	Q		400 Q	11999 Q	11999 Q	GAS	210020	403000	190,627.00	Defa	
14	00048	108100	Q		400 Q	11999 Q	11999 Q	GAS	452019	108000	-190,627.00	Defa	
15	00049	403000	Q		400 Q	11999 Q	11999 Q	DIST	210020	403000	126,318.00	Defa	
16	00049	108100	Q		400 Q	11999 Q	11999 Q	DIST	452019	108000	-126,318.00	Defa	
17	00049	403000	Q		400 Q	11999 Q	11999 Q	TRAN	210020	403000	1,134.00	Defa	
18	00049	108100	Q		400 Q	11999 Q	11999 Q	TRAN	452019	108000	-1,134.00	Defa	
19	00004	432000	Q		400 Q	11999 Q	11999 Q	DIST	316000	432000	485.00	Defa	

Journal Entry

Page 2 of 3

20	00004	107130			400	11999	11999	DIST	442016	107000	-485.00	Defa	
21	00005	432000			400	11999	11999	DIST	316000	432000	19,245.00	Defa	
22	00005	107130			400	11999	11999	DIST	442016	107000	-19,245.00	Defa	
23	00010	432000			400	11999	11999	TRAN	316000	432000	3,412.00	Defa	
24	0010	1071 5			400	11999	11999	TRAN	442016	107135	-3,412.00	Defa	
25	00036	432000			400	11999	11999	DIST	316000	432000	802,403.00	Defa	
26	00036	107130			400	11999	11999	DIST	442016	107000	-802,403.00	Defa	
27	00036	432000			400	11999	11999	TRAN	316000	432000	102,806.00	Defa	
28	00036	107130			400	11999	11999	TRAN	442016	107000	-102,806.00	Defa	
29	00041	432000			400	11999	11999	DIST	316000	432000	5,478.00	Defa	
30	00041	107130			400	11999	11999	DIST	442016	107000	-5,478.00	Defa	
31	00048	432000	Q	Q	Q 400	11999	11999	GAS	Q 316000	432000	315,434.00	Defa	
32	00048	107130	Q	Q	Q 400	11999	11999	GAS	Q 442016	107000	-315,434.00	Defa	
33	00049	432000	Q	Q	Q 400	11999	11999	DIST	Q 316000	432000	209,021.00	Defa	
34	00049	107130	Q	Q	Q 400	11999	11999	DIST	Q 442016	107000	-209,021.00	Defa	
35	00049	432000	Q	Q	Q 400	11999	11999	TRAN	Q 316000	432000	1,877.00	Defa	
36	00049	107130	Q	Q	Q 400	11999	11999	TRAN	Q 442016	107000	-1,877.00	Defa	
37	00004	DO3020	Q	C06317	Q 9000030282	Q 400	11999	11999	DIST	Q 256026	582000	12,349.00	Defa
38	00004	253000	Q	C06317	Q 9000030282	Q 400	11999	11999	DIST	Q 612002	253000	-12,349.00	Defa
39	00005	DO3020	Q	C06315	Q 9000030280	Q 400	11999	11999	DIST	Q 256026	582000	1,948,859.00	Defa
40	00005	253000		C06315	9000030280	400	11999	11999	DIST	612002	253000	-1,948,859.00	Defa
41	00010	TO3020		C06320	9000030296	400	11999	11999	TRAN	Q 256026	562000	5,894.00	Defa
42	00010	253000		C06320	9000030296	400	11999	11999	TRAN	612002	253000	-5,894.00	Defa
43	00036	DO3020		C06319	9000030295	400	11999	11999	DIST	Q 256026	582000	1,074,393.00	Defa
44	00036	253000		C06319	9000030295	400	11999	11999	DIST	Q 612002	253000	-1,074,393.00	Defa
45	00036	TO3020		C06319	9000030295	400	11999	11999	TRAN	256026	562000	137,655.00	Defa

Journal Entry

Page 3 of 3

46	00036	253000	C06319	Q	9000030295	Q	400	11999	Q	11999	Q	TRAN	Q	612002	253000	-137,655.00	Defa
47	00041	DO3020	C06318	Q	9000030283	Q	400	11999	Q	11999	Q	DIST	Q	256026	582000	75,265.00	Defa
48	00041	253000	C06318	Q	9000030283	Q	400	11999	Q	11999	Q	DIST	Q	612002	253000	-75,265.00	Defa
49	00048	GO1000	C06322	Q	9000068025	Q	400	11999	Q	11999	Q	GAS	Q	256026	840000	718,345.00	Defa
50	00048	253000	C06322	Q	9000068025	Q	400	11999	Q	11999	Q	GAS	Q	612002	253000	-718,345.00	Defa
51	00049	DO3020	C06316	Q	9000030281	Q	400	11999	Q	11999	Q	DIST	Q	256026	582000	907,052.00	Defa
52	00049	253000	C06316	Q	9000030281	Q	400	11999	Q	11999	Q	DIST	Q	612002	253000	-907,052.00	Defa
53	00049	T 3020	C06316	Q	9000030281	Q	400	11999	Q	11999	Q	TRAN	Q	256026	562000	8,145.00	Defa
54	00049	253000	C06316	Q	9000030281	Q	400	11999	Q	11999	Q	TRAN	Q	612002	253000	-8,145.00	Defa
55	00036	403000		Q		Q	400	11999	Q	11999	Q	GAS	Q	210020	403000	158,930.00	Defa
56	00036	108100		Q		Q	400	11999	Q	11999	Q	GAS	Q	452019	108000	-158,930.00	Defa
57	00036	432000					400	11999	Q	11999	Q	GAS	Q	316000	432000	260,396.00	Defa
58	00036	107130					400	11999	Q	11999	Q	GAS	Q	442016	107000	-260,396.00	Defa
59	00036	GO1000	C06319		9000030295		400	11999	Q	11999	Q	GAS	Q	256026	840000	348,663.00	Defa
60	00036	253000	C06319		9000030295		400	11999	Q	11999	Q	GAS	Q	612002	253000	-348,663.00	Defa

Lines to add:

Totals		Customize Find View All		First > < Last	
Unit	Total Lines	Total Debits	Total Credits	Journal Status	
00004	6	13,339.00	13,339.00	V	
00005	6	2,136,906.00	2,136,906.00	V	
00010	6	19,097.00	19,097.00	V	
00036	18	3,437,730.00	3,437,730.00	V	
00041	6	86,444.00	86,444.00	V	

Save Return to Search

Next in List

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Refresh

Header | Lines | Totals | Errors | Approval

National Grid
Reserve Summary
* Based on February 2012 Data

						Surplus/ (Shortage)				
Company Code	Depreciation Reserve	AFUDC Reserve	Write off for Low dollar work orders (<\$1,000 NG) (-\$2,400 KS)	CCNC (<\$1,000 NG)	Total Reserve	NGrid Legacy Current Period Reserve Needed per M. Eddy's Schedule	Keyspan Current Period Reserve Needed per B. Cardone's Schedule	Current Reserve on Books	Current Reserve vs Keyspan and NGrid's Schedule Adjustment	Current Reserve vs Keyspan and NGrid's Methodology Adjustment
Keyspan										
01	44,244	120,705	77,767		242,716		363,145		-	(242,716)
02	2,188	7,815	10,102		20,082		16,055		-	(20,082)
03	(2,007)	(5,756)	5,057		(2,706)		(25,782)		-	2,706
04	8,368	23,965	5,964		38,328		24,903		-	(38,328)
08	2,331	8,395	2,794		10,520		12,669		-	(10,520)
37	22,300	81,488	80,084		143,849		136,758		-	(143,849)
38	132,650	319,821	87,534		540,005		931,948		-	(540,005)
34	56,415		2,787		59,202		162,352		-	(59,202)
35	433,688	1,214,908	2,816		1,651,412		334,506		-	(1,651,412)
31	50,391	105,511	57,489		213,371		258,052		-	(213,371)
Total	750,854	1,853,880	312,353		2,917,087		2,218,528		-	(2,917,087)
NGrid Legacy										
04	505	485	8,177	4,172	13,338	18,567		17,965	(602)	4,856
05	188,802	19,245	1,454,063	464,195	2,136,305	2,840,583		2,029,741	(610,862)	(107,184)
19	9,781	3,412	5,057	837	19,087					(19,087)
38 DIST	489,737	802,403	840,991	233,402	2,366,533	3,321,868		2,538,602	(784,964)	170,388
38 TRAN	62,747	102,508	107,750	26,904	300,208					
38 GAS	158,930	280,388	272,619	75,744	787,681					
41	5,701	5,478	52,556	22,709	86,443	79,301		44,888	(34,333)	(41,475)
48	190,827	315,434	489,399	248,946	1,224,606					(1,224,606)
49 DIST	128,318	208,071	744,843	182,108	1,242,340	981,093		465,341	(515,752)	(777,050)
49 TRAN	1,134	1,877	8,690	1,455	11,157					
99	86,595	83,210			169,805					(169,805)
Total	1,300,886	1,803,768	3,983,144	1,273,474	8,341,274	7,041,450		5,094,948	(1,948,502)	(2,153,673)

- A Agreed to Betsy Cardone's calculation
B Agreed to Mark Eddy's calculation
C Based on Reserve Methodology analyzed and tested. Refer to NGrid Memo for details

*** Based on information from Rob Banoff

For Low Dollar CWP and CCNC columns (E & F), use the following Accrual WO's

Co 4	9000030282
Co 5	9000030280
Co 10	9000030296
Co 36	9000030285
Co 41	9000030283
Co 48	900008025
Co 49	9000030281

DIST	791,063	1,036,632	3,101,330	918,568	5,845,612
TRAN	73,672	108,098	119,497	32,197	333,462
GAS	348,557	575,831	742,318	324,890	1,992,395
Co 99	86,595	83,210	-	-	169,805
Total	1,300,886	1,803,768	3,983,144	1,273,474	8,341,274

**National Grid
Reserve Summary**
* Based on February 2012 Data

						Surplus/ (Shortage)				
Company Code	Depreciation Reserve	AFUDC Reserve	Write off for Low dollar work orders (<\$1,000 NG) (<\$2,600 KS)	CCNC (<\$1,000 NG)	Total Reserve	NGrid Legacy Current Period Reserve Needed per M. Eddy's Schedule	Keyspan Current Period Reserve Needed per B. Cardone's Schedule	Current Reserve on Books	Current Reserve vs Keyspan and NGrid's Schedule Adjustment	Current Reserve vs Keyspan and NGrid's Methodology Adjustment
Keyspan										
01	44,244	120,705	77,787		242,716		363,145	-	-	(242,716)
02	2,155	7,815	10,102		20,062		18,055	-	-	(20,082)
03	(2,007)	(5,756)	5,057		(2,706)		(25,782)	-	-	2,706
04	8,368	23,995	5,964		38,328		24,903	-	-	(38,328)
05	2,331	5,395	2,794		10,520		12,693	-	-	(10,520)
37	22,300	61,486	60,064		143,849		136,759	-	-	(143,849)
38	132,650	319,821	87,534		540,005		931,846	-	-	(540,005)
34	58,415	-	2,797		59,212		162,352	-	-	(59,212)
35	433,986	1,214,908	2,815		1,651,719		334,506	-	-	(1,651,719)
31	50,391	105,511	57,469		213,371		298,052	-	-	(213,371)
Total	750,854	1,853,880	312,383		2,917,097		2,216,528	-	-	(2,917,097)
NGrid Legacy										
04	505	485	8,177	4,172	13,339	18,597		17,995	(602)	4,696
05	168,802	19,245	1,454,663	494,195	2,136,905	2,640,593		2,029,741	(610,852)	(107,164)
10	9,781	3,412	5,057	837	19,097			-	-	(19,097)
36 DIST	489,737	802,403	840,991	233,402	2,366,533	3,321,866		2,536,902	(784,964)	170,368
38 TRAN	82,747	102,806	107,750	29,904	303,208			-	-	-
38 GAS	156,930	280,396	272,919	75,744	767,989			-	-	-
41	5,701	5,478	52,556	22,709	86,443	79,301		44,969	(34,333)	(41,475)
48	190,627	315,434	469,399	248,948	1,224,408			-	-	(1,224,408)
49 DIST	126,318	209,021	744,943	182,109	1,242,391	951,093		465,341	(515,752)	(777,050)
49 TRAN	1,134	1,877	6,690	1,456	11,157			-	-	-
99	86,595	83,210	-	-	169,805			-	-	(169,805)
Total	1,300,886	1,803,768	3,963,144	1,273,474	8,341,274	7,041,450		5,094,948	(1,946,502)	(2,163,973)

A Agreed to Betsy Cardone's calculation
B Agreed to Mark Eddy's calculation
C Based on Reserve Methodology analyzed and tested. Refer to NGrid Memo for details.

*** Based on information from Rob Benoit

4 - WO 12,349
5 - 1,948,859
10 - 5,894
36 DIST - 1,074,393
36 TRAN - 137,655
36 GAS - 348,663
41 - 75,265
48 - 718,345

49 DIST - 907,052
49 TRAN - 8,145

Kempf, Renee

From: Eddy, Mark C.
Sent: Monday, April 04, 2011 3:52 PM
To: Kempf, Renee
Subject: FW: Reserve Summary FY11.xlsx

Attachments: Reserve Summary FY11.xls

Renee,
For the work order writeoff portion of the entry (columns E & F), please use the yellow highlighted work orders for the debits and credits.
Thanks,
Mark



Reserve Summary
FY11.xls (2 M...

From: Kempf, Renee
Sent: Monday, April 04, 2011 3:11 PM
To: Eddy, Mark C.
Subject: Reserve Summary FY11.xlsx

Journal Entry

Page 1 of 1

New Window | Help | Customize Page | [nets](#)

Header	Lines	Totals	Errors	Approval
Unit: 00099 Journal ID: 99614-17DS Date: 12/30/2010				
Long Description: ISUS JGNGSDAccrual1228 - J. Grey				
Ledger Group:		Auto Generate Lines		
Ledger:		Adjusting Entry: Non-Adjusting Entry		
*Source:	IMP	Fiscal Year:	2011	
Reference Number:	Period:			
SJE Type:	Date:			
Journal Class:	Save Journal Incomplete Status			
Transaction Code:	GENERAL			
Currency Defaults: USD / CRRNT / 1		Created:	12/29/10 11:57:33AM	User ID: dshaferov
Reversal: Beginning of Next Period 2011-01-01		Posted:	Updated: 12/29/10 11:58:38AM	
Save Return to Search Next in List Notify Refresh + Add				

Header | Lines | Totals | Errors | Approval

ENTERED BY JIS DATE 12/29/10
POSTED BY CU DATE 12/29/10
CHECK ACCOUNTS ✓ CHECK CALCS ✓
COPIED ✓ PREVIOUS MO ✓
REASONABILITY ✓ VERIFY INPUTS ✓

Journal Entry

Page 1 of 1

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Header	Lines	Totals	Errors	Approval								
Unit: 00099 Journal ID: 99614-17DS Date: 12/30/2010 *Process: Edit Journal Process												
Template List	Search Criteria	Change Values	Inter/IntraUnit	Errors Only Line: 10								
ines												
Select	Line	*Unit	Activity	Exp Type	Orig Dept	Chrg Dept	Bill Pool	Segment	Account	Reg Acct	Amount	Journal Line Description
	1	00099	AG0890	300	17840	17840	00380	OTH	256024	921000	312,000.00	Accrue Nov./Dec. Vitec Ha
	2	00099	AG0890	300	17760	17760	00380	OTH	256024	921000	23,000.00	Accrue Nov. Secure ID Pu
	3	00036	AG0880	400	17570	17570		DIST	256026	921000	-627,000.00	Accrue Net &Comm Outsta
	4	00099	232438					OTH	611001	232438	-335,000.00	USIS Dec. Accruals - Tele
	5	00036	232438					DIST	611001	232438	627,000.00	USIS Dec. Accruals - Cred

Lines to add: 1 2 3

Totals					
Unit	Total Lines	Total Debits	Total Credits	Journal Status	
00036	2	627,000.00	627,000.00	V	
00099	3	335,000.00	335,000.00	V	

Save Return to Search Next in List Notify Refresh

Add

Header | Lines | Totals | Errors | Approval

Spreadsheet Header															
CODE TO REVERSE															
96 99614-7 12/29/2010 ISUS_GAGSSAccrual 1278 x.s J. Grey															
Line	Line #	Unit	Ledger	Account	Activity	Orig Dept	Chg Dept	Bill Pool	WO	Expense Type	Segment	Amount	Stat Code	Stat Amount	Description
Select fields to copy from a previous line by marking the checkboxes under each field.															
99614-17	1	00099	ACTUALS	DERIVE	AG0890	17840	17840	00380		300		312 000 00			Accrue Nov/Dec Vitec Hardware Support (per M. Parley)
99614-17	2	00099	ACTUALS	DERIVE	AG0890	17760	17760	00380		300		23 000 00			Accrue Nov. Secure ID Purchase (per F. D. Leonardo)
99614-17	3	00036	ACTUALS	DERIVE	AG0880	17570	17570			400		(627 000 00)			Accrue Net & Comm. Outstanding Credit due (Verizon)
99614-17	4	00099	ACTUALS	DERIVE	232438							(335,000 00)			USIS Dec. Accruals - Telecom/Vtec Expense
99614-17	5	00036	ACTUALS	DERIVE	232438							627 000 00			USIS Dec. Accruals - Credit due (Verizon)
check															

Date of Request: July 18, 2012
Due Date: July 30, 2012

Request No. DPS-443 (CAS-18)
NMPC Req. No. 624

NIAGARA MOHAWK POWER CORPORATION
Case No. 12-E-0201 and 12-G-0202 - Niagara Mohawk Power Corporation
d/b/a National Grid - Electric and Gas Rates

Request for Information

FROM: Cathy Shippey
TO: Revenue Requirements Panel
SUBJECT: Rents – Reservoir Woods

Request:

The following questions are a follow-up to the Company response to Request No. DPS-157 (CAS-8).

1. When asked for the basis for the Reservoir Woods allocation percentages of 32.016% and 3.993% for NIMO electric and gas, respectively, the Company responded as follows:

“The Reservoir Woods allocation percentages of 32.016% (electric) and 3.993% (gas) are derived using Bill Pool 00603. This bill pool is based on square footage data, the functional areas that occupy the space and how employees in those areas allocate their time entry across the business. Please see Attachment 3 to DPS-157 (CAS-8) for the supporting calculation behind bill pool 00603.”

Attachment 3 provides the Groups and Subgroups that occupy Reservoir Woods, their square footage and percent share of the facility, and an allocation to entity segments. Please provide an explanation of the calculation that is done to determine the allocation percentages (e.g. is the calculation based on time sheet entries)? Please explain how employees determine how to “allocate their time entry across the business”.

2. (a) From what period was the bill pool 00603 analysis in Attachment 3 prepared?
(b) If the data was pre-HTY or HTY, how is the data forecast for the RY?
3. Please provide the excel file for Attachment 3 of DPS-157.
4. The testimony of the Revenue Requirements Panel filed 4/27/2012, page 72 of 127, states, “Through restructuring, National Grid eliminated approximately 1,400 positions”. The Corrections and Updates Testimony of the Information services

Panel, page 10 of 32, states, ‘The Historic Test Year operating costs, from which the total savings were derived, includes labor costs associated with 161 employees, which is equal to 158 full time equivalents, who left during that year... the Company is removing from its labor forecast an additional 100 employees, which is equal to 98 full time equivalents, who were separated after December 31, 2011 in connection with IS Transformation.’”

Since the inception of allocating the Reservoir Woods costs, please provide the following:

- a. the date the allocations changed;
- b. the bill pool that was used;
- c. the list of allocations amongst all the companies for each time the allocation was modified; and
- d. the underlying calculation that supports any change that was made. If the allocations haven't changed, why not, considering the significant reduction in employees. Provide the analysis undertaken by the Company to determine the allocation of Reservoir Woods costs on a post US Restructuring basis.

Response:

1. For each group listed on Attachment 3 of DPS-157 (CAS-8), it is determined what percent of employees' time within the group is typically charged to the various companies. The percent determined for each company is then multiplied by the square footage percentage for that group to arrive at the total percent that should be allocated to each company. To determine how to allocate their time, an employee will direct charge to an operating company when rendering services for the benefit of a specific company. When an employee's time benefits multiple operating companies and cannot be directly charged, the employee uses a bill pool that allocates the time across all the benefitting companies.
- 2a. The bill pool 00603 analysis provided in Attachment 3 of DPS-157 was prepared using the original square footage data from June 2009.
- 2b. The Rate Year forecast used the most recent bill pool 00603 percentages as of the time of the filing. The percentages did not change from the Historic Test Year.
3. Please see Attachment 1 to DPS-443 (CAS-18) for the excel file for Attachment 3 of DPS-157 (CAS-8).
- 4a – 4c. Bill Pool 00603 was established in CY 2009 to allocate the Reservoir Woods costs. The allocation has not changed since that time.

4d. As indicated in part 4a-4c above, there have been no changes since the bill pool was established. Prior to the announcement of restructuring, it was determined that there were no material changes to Reservoir Woods in terms of space and use and therefore the bill pool 00603 did not require a change. With regards to restructuring, it was determined that the re-organization needed to be complete before the bill pool analysis could be updated, if necessary. To date, the Company has not completed this analysis to determine the allocation on a post-restructuring basis. As restructuring effected all departments, the Company does not believe that any change in the bill pool would be material.

Name of Respondent:
James M. Molloy

Date of Reply:
July 30, 2012

Date of Request: July 31, 2012 **SUPPLEMENTAL** Request No. DPS-444 (VVP-17)
Due Date: August 10, 2012 NMPC Req. No. 625

NIAGARA MOHAWK POWER CORPORATION

Case No. 12-E-0201 and 12-G-0202 - Niagara Mohawk Power Corporation
d/b/a National Grid - Electric and Gas Rates

Request for Information

FROM: Vijay Puran

TO: Electric Infrastructure and Operations Panel

SUBJECT: Follow-up to DPS 355 (VVP-13) Supplemental

Request:

1. Please verify that the capital expenditure estimates provided in response DPS 355 (VVP-13) Supplemental do not include expenditures for current transformers and potential transformers.
2. Please provide the actual capital expenditures for projects identified in response DPS 355 (VVP-13) Supplemental that were completed and are in service.
3. Please explain why the average cost per meter is much higher for Lighthouse Hill compared to the other sites listed in response DPS 355 (VVP-13) Supplemental.

Response: (supplemental response to Questions 1 & 3)

1. The average capital cost per meter of \$130k provided in the response to VVP-13 Supplemental did not include the cost of CT's and PT's, except for Lighthouse Hill which did include PT's (but not CT's) and some additional scope outlined in response 3 below.
3. The Lighthouse Hill estimate that was used to develop the average cost per meter included replacing the 115 kV potential transformers, their structures, foundations and wiring, as well as building and lighting improvements. During preliminary engineering, the scope was revised to reclassify the existing six potential transformers and eliminate the building and lighting improvements.

A revision to the Lighthouse Hill estimate is provided in Table 2 below. The new estimate (\$443k) includes approximately \$135k for PT reclassification and \$308k for meters. This new capital estimate of \$308k for Lighthouse Hill is highlighted in Table 1 below which shows the resulting average cost per meter after this revision to now be \$120k rather than the \$130k originally shown in VVP-13 and VVP-13 Supplemental.

Table 1 – Average Cost per Meter

Station	Capex Estimate in work paper (\$k)	# meters	Average Cost per meter (\$k)
Alps	133	1	133
Cortland	126	1	126
Edic	153	1	153
Elbridge	156	1	156
Inghams	136	2	68
Lighthouse Hill	308	2	154
Lockport	265	6	44
New Scotland	130	1	130
Rotterdam	160	2	80
Volney	151	1	151
Average Cost per meter:			120

Table 2 – Lighthouse Hill Cost Estimate

Costs Viewer							
Total Cost Direct Cost Custom							
Lighthouse Hill							
	Craft Labor Cost	Material Cost	Engineering Cost	Vendor Cost	Project Management	Supervision Cost	Total Cost
Total Cost	22,220.00	30,843.54	14,460.00	180,500.00	3,210.00	3,600.00	284,333.54
Stores/Material Handling	.00	28.53	.00	.00	.00	.00	28.53
Tax	.00	2,432.47	.00	.00	.00	.00	2,432.47
Energized Work Percent	.00	.00	.00	.00	.00	.00	.00
Non-Productive Time	.00	.00	.00	.00	.00	.00	.00
Work Environment	.00	.00	.00	.00	.00	.00	.00
Overtime	.00	.00	.00	.00	.00	.00	.00
Overhead	70,837.50	.00	15,521.00	.00	4,325.00	4,660.00	99,238.50
Transportation	11,745.00	.00	.00	.00	.00	609.28	12,354.28
Telco Backout	.00	.00	.00	.00	.00	.00	.00
Contingency	.00	.00	.00	.00	.00	.00	.00
COD	11,529.50	2,854.02	2,912.17	15,426.00	644.46	754.38	34,169.54
AFUDC	3,515.51	867.75	885.44	4,690.22	195.95	241.83	10,385.43
Totals	149,868.31	37,624.29	37,778.61	200,116.22	8,365.41	10,305.19	443,159.03
Showing Costs for Estimate, 'C35267 - Lighthouse Hill NYISO Rev. Metering' at 1							
Navigator Costs Viewer Clipboard Lookup Task Pane							

Name of Respondent:
Lorraine Barney

Date of Reply:
8/1/2012

Date of Request: July 18, 2012
Due Date: July 30, 2012

Request No. DPS-445 (VVP-18)
NMPC Req. No. 626

NIAGARA MOHAWK POWER CORPORATION

Case No. 12-E-0201 and 12-G-0202 - Niagara Mohawk Power Corporation
d/b/a National Grid - Electric and Gas Rates

Request for Information

FROM: Vijay Puran
TO: Electric Infrastructure and Operations Panel
SUBJECT: Follow-up to DPS-336 (VVP-14)

Request:

1. The capital expenditure for CNYPL26 in Exhibit_(EIOP-5CU) for fiscal years 2013 through 2017 is \$10.27 million. However, the response to question 3 of DPS-336 (VVP-14) supports only \$4.88 million. Please explain the reason(s) for the difference.

Response:

1. The information provided in Exhibit_(EIOP-5CU) was based on an investment grade estimate during the early stages of planning the project.

The estimate provided in response to question 3 of IR DPS-336 (VVP-14) is an updated estimate developed during Step 0 conceptual engineering. The updated estimate was developed using more specific project information which resulted in a decrease in the forecasted project cost.

Name of Respondent:
Joseph J. Hipius

Date of Reply:
07/24/2012

Date of Request: July 18, 2012
Due Date: July 30, 2012

Request No. DPS-446 (DAG-59)
NMPC Req. No. 627

NIAGARA MOHAWK POWER CORPORATION
Case No. 12-E-0201 and 12-G-0202 - Niagara Mohawk Power Corporation
d/b/a National Grid - Electric and Gas Rates

Request for Information

FROM: Denise Gerbsch
TO: Revenue Requirements Panel
SUBJECT: Expense Type #100 – Consultants, Follow up to DAG-8

Request:

The following questions refer to the below table-

- (a) Please provide the detail behind each charge listed in the table below. This should include a listing and description of all expenditures charged, a copy of the invoice(s) with the supporting detail (including the accounting string), the bill pool that the Company used to distribute the charge to the various affiliates, and support for the amount (or % of total charge) allocated to Niagara Mohawk. If for any of the items, the number of invoices is too voluminous, please provide the invoices for the 3 largest charge amounts.
- (b) For each item, please indicate if the Company has made any normalizing adjustments for the HY charge in deriving the RYE 3/14 forecast for expense type #100 – Consultant Expense (or if the costs are now being reflected for the RY in another cost element). If an adjustment has been made, please identify explicitly where in the Company's filing, the adjustment can be seen and verified.

	<u>DAG-8</u>	<u>Vendor/Jrn Id</u>	<u>electric \$</u>	<u>gas \$</u>	<u>activity #</u>	<u>Orig BU</u>
	<u>Consultants</u>					
(1)	Attach 2, pg 5	?	\$199,385	\$1,970	AG0235	Co 36
(2)	Attach 2, pg 5	Alston & Bird	\$172,180	\$15,788	AG0253	Co 36
(3)	Attach 2, pg 5	Dewey and LeBoeuf	\$244,348	\$0	AG0253	Co 36
(4)	Attach 2, pg 5	Morgan Lewis and Bockius	\$206,945		AG0253	Co 36
(5)	Attach 2, pg 5	Schiff Hardin	\$289,122		AG0237	Co 36
(6)	Attach 4, pg 8	Hiscock & Barclay	\$152,114	\$25,991	AG0257	Co 99
(7)	Attach 4, pg 8	Skadden Arps Slate Meagher	\$91,762	\$15,678	AG0258	Co 99
(8)	Attach 5, pg 8	OCI Resources	\$229,343	\$39,187	AG0085	Co 99
(9)	Attach 5, pg 8	Efficio	\$194,377	\$33,272	AG0295	Co 99
(10)	Attach 5, pg 8	Capgemini Technologies	\$1,561,923	\$266,863	AG0740	Co 99
(11)	Attach 5, pg 8	Verizon Business Services	\$1,601,148	\$273,569	AG0860	Co 99
(12)	Attach 7 pg 6	Pro Unlimited	\$59,917	\$12,272	AG0493	Co 36
(13)	Attach 7 pg 6	Bridge Technology Systems	\$74,800		AG0493	Co 99
(14)	Attach 7, pg 6	Pro Unlimited	\$28,604		AG0290	Co 99
(15)	Attach 7, pg 7	Deloitte Consulting	\$109,601		AG0270	Co 99
(16)	Attach 7, pg 12	OCI Resources	\$147,553	\$25,212	AG0085	Co 99
(17)	Attach 7, pg 12	KPMG	\$41,813	\$5,701	AG0270	Co 99
(18)	Attach 7, pg 12	Ernst & Young	\$91,838		AG0270	Co 99
(19)	Attach 7, pg 12	Mercer Human Resource Consult	\$633,850	\$129,814	AG0465	Co 99
(20)	Attach 7, pg 12	Young Samuel Chambers	\$8,385		AG0760	Co 99
(21)	Attach 7, pg 12	Capgemini Technologies	\$123,521		AG0760	Co 99
(22)	Attach 7, pg 12	PA Consulting Group	\$93,755	\$16,017	AG0760	Co 99
(23)	Attach 7, pg 12	Oliver Wyman Inc - Mercer Mgmt	\$338,533	\$66,740	AG0760	Co 99
(24)	Attach 7, pg 12	Oracle America	\$67,018	\$0	AG0844	Co 99
(25)	Attach 7, pg 12	IBM Corporation	\$651,115	\$109,141	AG0847	Co 99
(26)	Attach 7, pg 13	HP Enterprise Services	\$691,207	\$118,118	AG0890	Co 99
(27)	Attach 7, pg 13	Terra L Robinson CPA	\$56,722	\$10,353	AG0865	Co 99
(28)	Attach 7, pg 13	Efficio	\$66,973		AG1012	Co 99
(29)	Attach 7, pg 22	Jrn Id #99614-06EB	\$897,806	\$153,428	AG0847	Co 99

Response:

- a. Please see Attachment 1 to DPS-446 (DAG-59) for the detail behind each charge listed in the table above, including accounting string, bill pool used and support for amount charged to Niagara Mohawk. Please see Attachment 2 to DPS-446 (DAG-59) for the copy of the invoices with supporting detail. For the following vendors, the number of invoices was too voluminous and we have provided invoices for the largest three charge amounts:

IBM (#25 on the above table)
Solomon and Solomon (#1 on the above table)

Please see Attachment 3 to DPS-446 (DAG-59) for the detail behind the Journal Entry listed in the table above, including accounting string, bill pool used and support for amount charged to Niagara Mohawk.

Please see Attachment 4 to DPS-446 (DAG-59) for the detail behind the vendor Pro Unlimited (#12 and #14 on the above table). As this vendor does not submit invoices, more detailed information has been extracted from the Company's subledger system.

- b. Please see Attachment 1 to DPS-446 (DAG-59) for indication of whether a normalizing adjustment was made as well as the reference to where the adjustment was made in the filing.

Please note, certain information has been redacted from the attachments because Staff is not requesting hourly or unit pricing, customer names, or certain detail relating to legal invoices. Thus, this information is not being provided at this time.

Name of Respondent:
James M. Molloy

Date of Reply:
July 30, 2012

Accounts Payable Details

Billing Fuel	Regulatory Asset	Regulatory Asset Description	Unit	Unit Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payables \$	Allocation Electric	NIMO Electric	Allocation Gas	NIMO Gas	PDF REFERENCE	Normalization	Exhibit Reference	Reasoning for Allocation to NIMO
925000	Injuries & Damages Insurance	00036	01/03/2011	242101 and 242063	SOLOMON AND SOLOMON PC	10	2011	\$8,649	100.000%	\$ 8,649.30	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	01/05/2011	242101 and 242062	SOLOMON AND SOLOMON PC	10	2011	\$60	100.000%	\$ 60.00	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	01/05/2011	246776 and 246701	SOLOMON AND SOLOMON PC	10	2011	\$1,524	100.000%	\$ 1,523.55	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	01/05/2011	246779	SOLOMON AND SOLOMON PC	10	2011	\$50	100.000%	\$ 50.00	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	01/24/2011	248581 & 248534	SOLOMON AND SOLOMON PC	10	2011	\$10,097	100.000%	\$ 10,097.37	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	01/24/2011	248533	SOLOMON AND SOLOMON PC	10	2011	\$175	100.000%	\$ 175.00	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	01/24/2011	249617 & 219651	SOLOMON AND SOLOMON PC	10	2011	\$2,692	100.000%	\$ 2,692.38	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	02/02/2011	250441	SOLOMON AND SOLOMON PC	11	2011	\$186	100.000%	\$ 185.61	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	02/02/2011	250435	SOLOMON AND SOLOMON PC	11	2011	\$45	100.000%	\$ 45.00	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	02/02/2011	249653	SOLOMON AND SOLOMON PC	11	2011	\$293	100.000%	\$ 294.89	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	02/02/2011	250438 & 250436	SOLOMON AND SOLOMON PC	11	2011	\$1,276	100.000%	\$ 1,276.17	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	05/26/2011	251457 and 251423	SOLOMON AND SOLOMON PC	2	2012	\$5,391	100.000%	\$ 5,390.65	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	05/26/2011	252371 and 252314	SOLOMON AND SOLOMON PC	2	2012	\$1,040	100.000%	\$ 1,039.65	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	05/26/2011	248584	SOLOMON AND SOLOMON PC	2	2012	\$19,893	100.000%	\$ 19,892.99	0.000%	\$ -	-	Attachment 2 to DPS-446(DAG-59) pgs 1 to 2	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	05/26/2011	252368 and 252315	SOLOMON AND SOLOMON PC	2	2012	\$1,286	100.000%	\$ 1,285.77	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	05/26/2011	251270 & 252420 credit	SOLOMON AND SOLOMON PC	2	2012	\$11,897	100.000%	\$ 11,896.96	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	05/26/2011	254269	SOLOMON AND SOLOMON PC	2	2012	\$287	100.000%	\$ 287.46	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	05/26/2011	254266 and 254232	SOLOMON AND SOLOMON PC	2	2012	\$4,547	100.000%	\$ 4,547.29	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	05/26/2011	251482	SOLOMON AND SOLOMON PC	2	2012	\$2,629	100.000%	\$ 2,628.64	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	05/26/2011	251480 & 455	SOLOMON AND SOLOMON PC	2	2012	\$2,771	100.000%	\$ 2,720.75	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	05/26/2011	256382 & 256426	SOLOMON AND SOLOMON PC	2	2012	\$2,032	100.000%	\$ 2,032.30	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	05/26/2011	256381	SOLOMON AND SOLOMON PC	2	2012	\$45	100.000%	\$ 45.00	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	05/27/2011	257416 and 257387	SOLOMON AND SOLOMON PC	2	2012	\$1,566	100.000%	\$ 1,566.38	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	05/27/2011	257419	SOLOMON AND SOLOMON PC	2	2012	\$140	100.000%	\$ 140.00	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	07/01/2011	258248 and 258243	SOLOMON AND SOLOMON PC	4	2012	\$2,341	100.000%	\$ 2,341.07	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	07/01/2011	258242	SOLOMON AND SOLOMON PC	4	2012	\$45	100.000%	\$ 45.00	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	07/05/2011	259374 and 259323	SOLOMON AND SOLOMON PC	4	2012	\$324	100.000%	\$ 323.84	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	07/05/2011	259352	SOLOMON AND SOLOMON PC	4	2012	\$100	100.000%	\$ 100.00	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	07/05/2011	259351 and 259324	SOLOMON AND SOLOMON PC	4	2012	\$4,009	100.000%	\$ 4,009.04	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	07/05/2011	260371 and 260306	SOLOMON AND SOLOMON PC	4	2012	\$2,410	100.000%	\$ 2,410.00	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	07/05/2011	260305	SOLOMON AND SOLOMON PC	4	2012	\$244	100.000%	\$ 244.00	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	08/01/2011	261451	SOLOMON AND SOLOMON PC	5	2012	\$139	100.000%	\$ 139.16	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	08/01/2011	261448 and 261416	SOLOMON AND SOLOMON PC	5	2012	\$3,274	100.000%	\$ 3,273.55	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	08/01/2011	262412 and 262354	SOLOMON AND SOLOMON PC	5	2012	\$4,445	100.000%	\$ 4,445.40	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	08/01/2011	262415	SOLOMON AND SOLOMON PC	5	2012	\$44	100.000%	\$ 44.33	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	08/15/2011	262534	SOLOMON AND SOLOMON PC	5	2012	\$1,139	100.000%	\$ 1,139.16	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	08/15/2011	263330 and 263502	SOLOMON AND SOLOMON PC	5	2012	\$2,031	100.000%	\$ 2,031.17	0.000%	\$ -	-	Attachment 2 to DPS-446(DAG-59) pgs 1 to 6	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	08/29/2011	264532 AND 264505	SOLOMON AND SOLOMON PC	5	2012	\$3,057	100.000%	\$ 3,057.09	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	10/06/2011	265731	SOLOMON AND SOLOMON PC	7	2012	\$1,099	100.000%	\$ 1,094.91	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	10/06/2011	265727 and 265698	SOLOMON AND SOLOMON PC	7	2012	\$8,686	100.000%	\$ 8,685.79	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	10/06/2011	266643 and 266689	SOLOMON AND SOLOMON PC	7	2012	\$5,178	100.000%	\$ 5,178.25	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	11/08/2011	267703 and 267681	SOLOMON AND SOLOMON PC	8	2012	\$18,260	100.000%	\$ 18,260.06	0.000%	\$ -	-	Attachment 2 to DPS-446(DAG-59) pgs 7 to 10	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	11/08/2011	267709	SOLOMON AND SOLOMON PC	8	2012	\$2,387	100.000%	\$ 2,387.47	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	11/08/2011	268576 & 268568	SOLOMON AND SOLOMON PC	8	2012	\$334	100.000%	\$ 334.29	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	11/08/2011	268572 & 268569	SOLOMON AND SOLOMON PC	8	2012	\$1,635	100.000%	\$ 1,635.43	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	11/21/2011	269000 & 620	SOLOMON AND SOLOMON PC	8	2012	\$11,794	100.000%	\$ 11,793.95	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	11/21/2011	CU 2010266562	SOLOMON AND SOLOMON PC	8	2012	\$47	100.000%	\$ 47.18	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	11/08/2011	268576 & 268568	SOLOMON AND SOLOMON PC	8	2012	\$334	100.000%	\$ 334.29	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	11/08/2011	268572 & 268569	SOLOMON AND SOLOMON PC	8	2012	\$1,635	100.000%	\$ 1,635.43	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	12/30/2011	272332	SOLOMON AND SOLOMON PC	9	2012	\$441	100.000%	\$ 441.00	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
925000	Injuries & Damages Insurance	00036	12/30/2011	272594	SOLOMON AND SOLOMON PC	9	2012	\$7,550	100.000%	\$ 7,549.52	0.000%	\$ -	-	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
00100	928000	Regulatory Comm Expenses	01/03/2011	10419153	ALSTON & BIRD LLP	10	2011	\$8,499	83.000%	\$ 7,054.34	17.000%	\$ 1,444.86	-	Attachment 2 to DPS-446(DAG-59) pg 606-606	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
00100	928000	Regulatory Comm Expenses	01/25/2011	10423465	ALSTON & BIRD LLP	10	2011	\$7,429	83.000%	\$ 6,165.66	17.000%	\$ 1,262.85	-	Attachment 2 to DPS-446(DAG-59) pg 607-610	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
00100	928000	Regulatory Comm Expenses	01/25/2011	10423486	ALSTON & BIRD LLP	10	2011	\$263	83.000%	\$ 218.29	17.000%	\$ 44.71	-	Attachment 2 to DPS-446(DAG-59) pg 611	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
00101	928000	Regulatory Comm Expenses	01/25/2011	10423491	ALSTON & BIRD LLP	10	2011	\$263	100.000%	\$ 263.00	0.000%	\$ -	-	Attachment 2 to DPS-446(DAG-59) pg 611	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
928000	Regulatory Comm Expenses	01/25/2011	10423489	ALSTON & BIRD LLP	10	2011	\$1,435	100.000%	\$ 1,435.40	0.000%	\$ -	-	Attachment 2 to DPS-446(DAG-59) pg 612 to 614	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO		

Accounts Payable Details

Foot	Regulatory Acct	Regulatory Acct Descr	Orig Business Unit	Arml Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payables \$	Allocation Electric	NIMO Electric	Allocation Gas	NIMO Gas	PDF REFERENCE	Normalization	Exhibit Reference	Reasoning for Allocation to NIMO
	928000	Regulatory Comm Expenses		01/25/2011	10421484	ALSTON & BIRD LLP	10	2011	\$158	100.000%	\$ 158.10	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 615 to 616	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
	928000	Regulatory Comm Expenses		02/15/2011	10429534	ALSTON & BIRD LLP	11	2011	\$4,718	100.000%	\$ 4,717.80	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 615 to 616	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
	928000	Regulatory Comm Expenses		02/17/2011	10423487	ALSTON & BIRD LLP	11	2011	\$23,147	100.000%	\$ 23,146.90	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 617 to 617	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
00100	928000	Regulatory Comm Expenses		02/15/2011	10429532	ALSTON & BIRD LLP	11	2011	\$10,260	83.000%	\$ 8,513.80	17.000%	\$ 1,744.20	Attachment 2 to DPS-446(DAG-59) pg 618 to 618	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
00100	928000	Regulatory Comm Expenses		02/15/2011	10429530	ALSTON & BIRD LLP	11	2011	\$5,602	83.000%	\$ 4,649.66	17.000%	\$ 952.34	Attachment 2 to DPS-446(DAG-59) pg 619 to 621	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
00101	928000	Regulatory Comm Expenses		02/15/2011	10429542	ALSTON & BIRD LLP	11	2011	\$789	100.000%	\$ 789.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 622 to 623	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
	928000	Regulatory Comm Expenses		02/15/2011	10429529	ALSTON & BIRD LLP	11	2011	\$3,141	100.000%	\$ 3,141.20	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 624	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
	928000	Regulatory Comm Expenses		02/15/2011	10429528	ALSTON & BIRD LLP	11	2011	\$105	100.000%	\$ 105.20	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 625	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
	928000	Regulatory Comm Expenses		02/15/2011	10429535	ALSTON & BIRD LLP	11	2011	\$263	100.000%	\$ 263.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 626	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
	928000	Regulatory Comm Expenses		03/16/2011	10435092	ALSTON & BIRD LLP	12	2011	\$17,098	100.000%	\$ 17,098.30	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 627 to 629	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
00100	928000	Regulatory Comm Expenses		03/16/2011	10435090	ALSTON & BIRD LLP	12	2011	\$11,949	83.000%	\$ 9,918.00	17.000%	\$ 2,031.40	Attachment 2 to DPS-446(DAG-59) pg 630 to 632	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
00101	928000	Regulatory Comm Expenses		03/16/2011	10435100	ALSTON & BIRD LLP	12	2011	\$3,853	100.000%	\$ 3,853.20	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 633 to 635	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
	928000	Regulatory Comm Expenses		03/16/2011	10435095	ALSTON & BIRD LLP	12	2011	\$105	100.000%	\$ 105.20	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 636	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
	928000	Regulatory Comm Expenses		03/16/2011	10435093	ALSTON & BIRD LLP	12	2011	\$263	100.000%	\$ 263.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 637-638	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
	928000	Regulatory Comm Expenses		03/16/2011	10435089	ALSTON & BIRD LLP	12	2011	\$825	100.000%	\$ 825.04	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 639 to 641	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
00100	928000	Regulatory Comm Expenses		04/13/2011	10441466	ALSTON & BIRD LLP	1	2012	\$11,367	83.000%	\$ 9,454.44	17.000%	\$ 1,932.46	Attachment 2 to DPS-446(DAG-59) pg 642 to 644	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
00100	928000	Regulatory Comm Expenses		04/18/2011	10441468	ALSTON & BIRD LLP	1	2012	\$10,939	83.000%	\$ 9,079.45	17.000%	\$ 1,859.65	Attachment 2 to DPS-446(DAG-59) pg 645 to 649	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
00100	928000	Regulatory Comm Expenses		04/18/2011	10435091	ALSTON & BIRD LLP	1	2012	\$26,563	83.000%	\$ 22,047.29	17.000%	\$ 4,515.71	Attachment 2 to DPS-446(DAG-59) pg 650 to 651	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
	928000	Regulatory Comm Expenses		06/06/2011	10441470	ALSTON & BIRD LLP	3	2012	\$38,933	100.000%	\$ 38,932.70	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 652 to 654	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
	928000	Regulatory Comm Expenses	00036	03/07/2011	TOC BILLING JANUARDWEY AND LEBOEUF LLP	12	2011	\$19,573	100.000%	\$ 19,573.15	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 663	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
	928000	Regulatory Comm Expenses	00036	03/21/2011	TOC - DECEMBER 2010 DEWEY AND LEBOEUF LLP	12	2011	\$17,380	100.000%	\$ 17,380.03	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 662	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
	928000	Regulatory Comm Expenses	00036	03/21/2011	TOC BILLING NOVEMBER DEWEY AND LEBOEUF LLP	12	2011	\$18,984	100.000%	\$ 18,983.72	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 665	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
	928000	Regulatory Comm Expenses	00036	04/20/2011	617255 DEWEY AND LEBOEUF LLP	1	2012	\$19,901	100.000%	\$ 19,901.44	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 657	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
	928000	Regulatory Comm Expenses	00036	05/06/2011	TOC BILLING MARCH DEWEY AND LEBOEUF LLP	2	2012	\$23,710	100.000%	\$ 23,710.23	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 667	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
	928000	Regulatory Comm Expenses	00036	09/01/2011	625333 DEWEY AND LEBOEUF LLP	6	2012	\$19,672	100.000%	\$ 19,671.51	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 657	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
	928000	Regulatory Comm Expenses	00036	09/01/2011	TOC FEB 2011 DEWEY AND LEBOEUF LLP	6	2012	\$18,170	100.000%	\$ 18,169.82	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 666	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
	928000	Regulatory Comm Expenses	00036	09/01/2011	621637 DEWEY AND LEBOEUF LLP	6	2012	\$17,560	100.000%	\$ 17,560.29	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 661	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
	928000	Regulatory Comm Expenses	00036	11/05/2011	8-2011 DEWEY AND LEBOEUF LLP	8	2012	\$30,119	100.000%	\$ 30,118.57	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 661	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
	928000	Regulatory Comm Expenses	00036	11/05/2011	636697 DEWEY AND LEBOEUF LLP	8	2012	\$21,940	100.000%	\$ 21,940.45	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 659	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
	928000	Regulatory Comm Expenses	00036	11/10/2011	637492 DEWEY AND LEBOEUF LLP	8	2012	\$18,438	100.000%	\$ 18,438.28	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 660	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
	928000	Regulatory Comm Expenses	00036	12/05/2011	630343 DEWEY AND LEBOEUF LLP	9	2012	\$18,901	100.000%	\$ 18,900.67	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 658	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
	928000	Regulatory Comm Expenses	00036	01/03/2011	2418662 MORGAN LEWIS & BOCKLE LLP	10	2011	\$3,930	100.000%	\$ 3,930.20	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 667 to 668	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	

DPS-446 (DAG-59)

Niagara Mohawk Power Corporation
d/b/a National Grid
Cases 12-E-0201 and 12-G-0202
Attachment 1 to DPS-446 (DAG-59)
Part a
Page 3 of 11

Accounts Payable Details

Pool	Regulatory Acct	Regulatory Acct Descr	Orig Business Unit	Arml Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payables	Allocation Electric	NIMO Electric	Allocation Gas	NIMO Gas	PDF REFERENCE	Normalization	Exhibit Reference	Reasoning for Allocation to NIMO
00101	928000	Regulatory Comm Expenses	00036	02/15/2011	2424191	MORGAN LEWIS & BOCKIUS LLP	11	2011	\$17,348	100.000%	\$ 17,348.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 669 to 787	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
	928000	Regulatory Comm Expenses	00036	02/02/2011	2431909	MORGAN LEWIS & BOCKIUS LLP	11	2011	\$12,911	100.000%	\$ 12,911.09	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 674 to 677	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
00101	928000	Regulatory Comm Expenses	00036	03/16/2011	2453323	MORGAN LEWIS & BOCKIUS LLP	12	2011	\$25,074	100.000%	\$ 25,074.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 701 to 707	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
00101	928000	Regulatory Comm Expenses	00036	03/24/2011	2411938	MORGAN LEWIS & BOCKIUS LLP	12	2011	\$34,173	100.000%	\$ 34,173.40	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 674 to 677	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
00101	928000	Regulatory Comm Expenses	00036	03/24/2011	2448455	MORGAN LEWIS & BOCKIUS LLP	12	2011	\$38,346	100.000%	\$ 38,346.12	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 694 to 700	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
	928000	Regulatory Comm Expenses	00036	03/16/2011	2448449	MORGAN LEWIS & BOCKIUS LLP	12	2011	\$5,080	100.000%	\$ 5,079.67	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 686 to 687	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
928000	Regulatory Comm Expenses	00036	03/16/2011	2453523	MORGAN LEWIS & BOCKIUS LLP	12	2011	\$108	100.000%	\$ 108.10	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 708	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
928000	Regulatory Comm Expenses	00036	03/24/2011	2448449-D3	MORGAN LEWIS & BOCKIUS LLP	12	2011	\$5,080	100.000%	\$ 5,079.67	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 690 to 691	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
928000	Regulatory Comm Expenses	00036	03/24/2011	2448449-D4	MORGAN LEWIS & BOCKIUS LLP	12	2011	\$5,080	100.000%	\$ 5,079.67	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 690 to 691	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
928000	Regulatory Comm Expenses	00036	03/24/2011	2448449-D2	MORGAN LEWIS & BOCKIUS LLP	12	2011	\$4,920	100.000%	\$ 4,919.67	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 688 to 689	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
928000	Regulatory Comm Expenses	00036	04/22/2011	2470782	MORGAN LEWIS & BOCKIUS LLP	1	2012	\$174	100.000%	\$ 174.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 709	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
00101	928000	Regulatory Comm Expenses	00036	05/06/2011	2470785	MORGAN LEWIS & BOCKIUS LLP	2	2012	\$24,836	100.000%	\$ 24,835.52	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 710 to 715	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
	928000	Regulatory Comm Expenses	00036	07/06/2011	2487341	MORGAN LEWIS & BOCKIUS LLP	4	2012	\$3	100.000%	\$ 2.54	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 716 to 722	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
928000	Regulatory Comm Expenses	00036	07/06/2011	2499901	MORGAN LEWIS & BOCKIUS LLP	4	2012	\$390	100.000%	\$ 390.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 722	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
00101	928000	Regulatory Comm Expenses	00036	08/10/2011	2522340	MORGAN LEWIS & BOCKIUS LLP	5	2012	\$4,055	100.000%	\$ 4,055.28	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 729-731	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
00101	928000	Regulatory Comm Expenses	00036	08/16/2011	2530809	MORGAN LEWIS & BOCKIUS LLP	5	2012	\$1,436	100.000%	\$ 3,436.07	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 722	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
	928000	Regulatory Comm Expenses	00036	08/10/2011	2522337	MORGAN LEWIS & BOCKIUS LLP	5	2012	\$20	100.000%	\$ 20.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 723-725	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
928000	Regulatory Comm Expenses	00036	08/10/2011	2530807	MORGAN LEWIS & BOCKIUS LLP	5	2012	\$20	100.000%	\$ 20.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 732-733	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
00101	928000	Regulatory Comm Expenses	00036	10/03/2011	2556149	MORGAN LEWIS & BOCKIUS LLP	7	2012	\$8	100.000%	\$ 7.85	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 734-740	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
	928000	Regulatory Comm Expenses	00036	10/03/2011	2556236	MORGAN LEWIS & BOCKIUS LLP	7	2012	\$20	100.000%	\$ 20.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 741	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
00101	928000	Regulatory Comm Expenses	00036	11/01/2011	2563718	MORGAN LEWIS & BOCKIUS LLP	8	2012	\$1,831	100.000%	\$ 1,830.52	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 741 to 747	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
	928000	Regulatory Comm Expenses	00036	11/01/2011	2563715	MORGAN LEWIS & BOCKIUS LLP	8	2012	\$20	100.000%	\$ 20.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 742	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
928000	Regulatory Comm Expenses	00036	11/30/2011	2580345	MORGAN LEWIS & BOCKIUS LLP	8	2012	\$64	100.000%	\$ 64.05	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 748	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
928000	Regulatory Comm Expenses	00036	12/19/2011	2591488	MORGAN LEWIS & BOCKIUS LLP	9	2012	\$20	100.000%	\$ 20.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 749	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
923000	A&G-Outside Services Employee	00036	03/07/2011	1560176	SCHIFF HARDIN LLP	12	2011	\$13,013	100.000%	\$ 13,013.40	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 760-787	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
923000	A&G-Outside Services Employee	00036	03/07/2011	1551491	SCHIFF HARDIN LLP	12	2011	\$34,602	100.000%	\$ 34,602.06	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 750-753	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
923000	A&G-Outside Services Employee	00036	03/09/2011	1555220	SCHIFF HARDIN LLP	12	2011	\$33,819	100.000%	\$ 33,818.76	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 756-759	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
923000	A&G-Outside Services Employee	00036	03/09/2011	1555200	SCHIFF HARDIN LLP	12	2011	\$26,791	100.000%	\$ 26,790.99	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 753-755	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
923000	A&G-Outside Services Employee	00036	05/02/2011	1573428	SCHIFF HARDIN LLP	2	2012	\$657	100.000%	\$ 656.57	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 766-767	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
923000	A&G-Outside Services Employee	00036	05/04/2011	1564819	SCHIFF HARDIN LLP	2	2012	\$18,901	100.000%	\$ 18,900.81	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 762-785	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
923000	A&G-Outside Services Employee	00036	05/23/2011	1585206	SCHIFF HARDIN LLP	2	2012	\$1,518	100.000%	\$ 1,518.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 768	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	
923000	A&G-Outside Services Employee	00036	09/01/2011	1611478	SCHIFF HARDIN LLP	6	2012	\$9,406	100.000%	\$ 9,406.06	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 769 to 770	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO	

DPS-446 (DAG-59)

Niagara Mohawk Power Corporation
d/b/a National Grid
Cases 12-E-0201 and 12-G-0202
Attachment 1 to DPS-446 (DAG-59)
Part a
Page 4 of 11

Accounts Payable Details

Billing Pool	Regulatory Acct	Regulatory Acct Descr	Orig Business Unit	Final Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payable \$	Allocation Electric	NIMO Electric	Allocation Gas	NIMO Gas	PDF REFERENCE	Normalization	Exhibit Reference	Reasoning for Allocation to NIMO
923000	A&G-Outside Services Employee 00036		00036	09/16/2011	1611511	SCHIFF HARDIN LLP	6	2012	\$14,303	100.000%	\$ 14,303.05	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 771 to 774	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00036		00036	09/26/2011	1619357	SCHIFF HARDIN LLP	6	2012	\$48,319	100.000%	\$ 48,318.58	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 775 to 778	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00036		00036	09/26/2011	1619562	SCHIFF HARDIN LLP	6	2012	\$20,724	100.000%	\$ 20,724.20	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 779 to 780	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00036		00036	10/26/2011	1625113	SCHIFF HARDIN LLP	7	2012	\$20,912	100.000%	\$ 20,912.11	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 781 to 783	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00036		00036	11/17/2011	1634695	SCHIFF HARDIN LLP	8	2012	\$26,157	100.000%	\$ 26,157.32	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 784 to 787	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Service directly attributable to NIMO
00396	923000	A&G-Salaries	00099	05/27/2011	4295336	HISCOCK & BARCLAY LLP	2	2012	\$73,601	60.106%	\$ 43,877.98	10.270%	\$ 7,497.20	Attachment 2 to DPS-446(DAG-59) pgs 11 to 17	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Retainer payments made to one line of accounting. Amounts are subsequently reclassified based on matters.
00396	923000	A&G-Salaries	00099	05/27/2011	4298778	HISCOCK & BARCLAY LLP	2	2012	\$73,601	60.106%	\$ 43,877.98	10.270%	\$ 7,497.20	Attachment 2 to DPS-446(DAG-59) pgs 18 to 19	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Retainer payments made to one line of accounting. Amounts are subsequently reclassified based on matters.
00382	923000	A&G-Salaries	00099	10/14/2011	4311975	HISCOCK & BARCLAY LLP	7	2012	\$73,601	29.387%	\$ 21,452.80	5.021%	\$ 3,665.38	Attachment 2 to DPS-446(DAG-59) pgs 20 to 20	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Retainer payments made to one line of accounting. Amounts are subsequently reclassified based on matters.
00382	923000	A&G-Salaries	00099	11/09/2011	431531	HISCOCK & BARCLAY LLP	8	2012	\$73,601	29.387%	\$ 21,452.80	5.021%	\$ 3,665.38	Attachment 2 to DPS-446(DAG-59) pgs 21 to 21	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Retainer payments made to one line of accounting. Amounts are subsequently reclassified based on matters.
00382	923000	A&G-Salaries	00099	12/06/2011	4318912	HISCOCK & BARCLAY LLP	9	2012	\$73,601	29.387%	\$ 21,452.80	5.022%	\$ 3,666.11	Attachment 2 to DPS-446(DAG-59) pgs 22 to 23	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Retainer payments made to one line of accounting. Amounts are subsequently reclassified based on matters.
00382	923000	A&G-Salaries	00099	07/29/2011	1374994	SKADDEN ARIPS SLATF MEAGHEE	4	2012	\$104,085	29.387%	\$ 30,587.46	5.021%	\$ 5,226.11	Attachment 2 to DPS-446(DAG-59) pgs 24 to 24	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Retainer payments made to one line of accounting. Amounts are subsequently reclassified based on matters.
00382	923000	A&G-Salaries	00099	07/29/2011	1374995	SKADDEN ARIPS SLATF MEAGHEE	4	2012	\$104,085	29.387%	\$ 30,587.46	5.021%	\$ 5,226.11	Attachment 2 to DPS-446(DAG-59) pgs 25 to 25	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Retainer payments made to one line of accounting. Amounts are subsequently reclassified based on matters.
00382	923000	A&G-Salaries	00099	07/29/2011	1374996	SKADDEN ARIPS SLATF MEAGHEE	4	2012	\$104,085	29.387%	\$ 30,587.46	5.021%	\$ 5,226.11	Attachment 2 to DPS-446(DAG-59) pgs 26 to 26	Yes - Reclassified to Legal Expense	Exhibit RRP-3, Schedule 45	Retainer payments made to one line of accounting. Amounts are subsequently reclassified based on matters.
00396	923000	A&G-Outside Services Employee 00099	00099	08/29/2011	874	OCI RESOURCES INC	5	2012	\$61,880	60.106%	\$ 37,193.59	10.270%	\$ 6,355.08	Attachment 2 to DPS-446(DAG-59) pgs 27 to 32	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Audit charged to all NY Companies
00396	923000	A&G-Outside Services Employee 00099	00099	08/29/2011	878	OCI RESOURCES INC	5	2012	\$5,929	60.106%	\$ 3,563.83	10.270%	\$ 608.93	Attachment 2 to DPS-446(DAG-59) pgs 33 to 37	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Audit charged to all NY Companies
00396	923000	A&G-Outside Services Employee 00099	00099	09/22/2011	879	OCI RESOURCES INC	6	2012	\$16,931	60.106%	\$ 10,176.78	10.270%	\$ 1,738.85	Attachment 2 to DPS-446(DAG-59) pgs 38 to 42	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Audit charged to all NY Companies
00396	923000	A&G-Outside Services Employee 00099	00099	09/22/2011	881	OCI RESOURCES INC	6	2012	\$8,147	60.106%	\$ 4,896.57	10.270%	\$ 836.65	Attachment 2 to DPS-446(DAG-59) pgs 43 to 46	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Audit charged to all NY Companies
00396	923000	A&G-Outside Services Employee 00099	00099	09/22/2011	882	OCI RESOURCES INC	6	2012	\$52,378	60.106%	\$ 31,482.17	10.270%	\$ 5,379.19	Attachment 2 to DPS-446(DAG-59) pgs 46 to 49	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Audit charged to all NY Companies
00396	923000	A&G-Outside Services Employee 00099	00099	12/09/2011	894	OCI RESOURCES INC	9	2012	\$3,988	60.106%	\$ 2,397.08	10.270%	\$ 409.58	Attachment 2 to DPS-446(DAG-59) pgs 50 to 53	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Audit charged to all NY Companies
00396	923000	A&G-Outside Services Employee 00099	00099	12/09/2011	893	OCI RESOURCES INC	9	2012	\$82,895	60.106%	\$ 49,824.57	10.270%	\$ 8,513.27	Attachment 2 to DPS-446(DAG-59) pgs 54 to 57	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Audit charged to all NY Companies
00396	923000	A&G-Outside Services Employee 00099	00099	12/09/2011	892	OCI RESOURCES INC	9	2012	\$8,903	60.106%	\$ 5,351.53	10.270%	\$ 914.39	Attachment 2 to DPS-446(DAG-59) pgs 58 to 61	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Audit charged to all NY Companies
00396	923000	A&G-Outside Services Employee 00099	00099	12/09/2011	891	OCI RESOURCES INC	9	2012	\$58,898	60.106%	\$ 35,401.38	10.270%	\$ 6,048.85	Attachment 2 to DPS-446(DAG-59) pgs 62 to 65	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Audit charged to all NY Companies
00396	923000	A&G-Outside Services Employee 00099	00099	12/23/2011	898	OCI RESOURCES INC	9	2012	\$81,614	60.106%	\$ 49,055.06	10.270%	\$ 8,381.78	Attachment 2 to DPS-446(DAG-59) pgs 66 to 69	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Audit charged to all NY Companies
00382	923000	A&G-Outside Services Employee 00099	00099	09/14/2011	030711-NG02	EFFICIO	6	2012	\$42,751	29.400%	\$ 12,568.72	5.021%	\$ 2,146.51	Attachment 2 to DPS-446(DAG-59) pgs 70 to 71	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Strategic sourcing - benefits all companies
00382	923000	A&G-Outside Services Employee 00099	00099	09/26/2011	080111-NG03	EFFICIO	6	2012	\$48,503	29.400%	\$ 14,259.84	5.021%	\$ 2,435.33	Attachment 2 to DPS-446(DAG-59) pgs 72 to 73	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Strategic sourcing - benefits all companies
00382	923000	A&G-Outside Services Employee 00099	00099	09/26/2011	090111-NG03	EFFICIO	6	2012	\$88,319	29.400%	\$ 25,965.71	5.021%	\$ 4,434.48	Attachment 2 to DPS-446(DAG-59) pgs 72 to 73	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Strategic sourcing - benefits all companies
00382	923000	A&G-Outside Services Employee 00099	00099	09/26/2011	080111-NG03	EFFICIO	6	2012	\$54,708	29.400%	\$ 16,084.16	5.021%	\$ 2,746.89	Attachment 2 to DPS-446(DAG-59) pgs 76 to 77	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Strategic sourcing - benefits all companies
00382	923000	A&G-Outside Services Employee 00099	00099	09/26/2011	090111-NG03	EFFICIO	6	2012	\$78,108	29.400%	\$ 22,375.65	5.021%	\$ 3,821.36	Attachment 2 to DPS-446(DAG-59) pgs 78 to 79	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Strategic sourcing - benefits all companies

Accounts Payable Details

Billing Pool	Regulatory Acct	Regulatory Acct Descr	Orig Business Unit	Jrnl Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payables \$	Allocation Electric	NIMO Electric	Allocation Gas	NIMO Gas	PDF REFERENCE	Normalization	Exhibit Reference	Reasoning for Allocation to NIMO
00382	923000	A&G-Outside Services Employee 00099		11 22 2011	109511-NG03	EFFICIO	8	2012	\$36,785	29.387%	\$ 10,810.11	5.021%	\$ 1,846.99	Attachment 2 to DPS-446(DAG-59) pgs 80 to 81	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Strategic sourcing - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		11 22 2011	111011-NG-03	EFFICIO	8	2012	\$28,753	29.387%	\$ 8,449.62	5.021%	\$ 1,443.68	Attachment 2 to DPS-446(DAG-59) pgs 82 to 83	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Strategic sourcing - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		11 22 2011	100511-NG03	EFFICIO	8	2012	\$94,063	29.387%	\$ 27,642.28	5.021%	\$ 4,722.90	Attachment 2 to DPS-446(DAG-59) pgs 84 to 85	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Strategic sourcing - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		11 22 2011	111011-NG-03	EFFICIO	8	2012	\$92,475	29.387%	\$ 27,175.67	5.021%	\$ 4,643.18	Attachment 2 to DPS-446(DAG-59) pgs 86 to 89	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Strategic sourcing - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		11 22 2011	100511-NG03	EFFICIO	8	2012	\$50,696	29.387%	\$ 14,897.95	5.021%	\$ 2,545.43	Attachment 2 to DPS-446(DAG-59) pgs 80 to 81	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Strategic sourcing - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		11 22 2011	111011-NG-03	EFFICIO	8	2012	\$49,503	29.387%	\$ 14,547.38	5.021%	\$ 2,485.53	Attachment 2 to DPS-446(DAG-59) pgs 88 to 89	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Strategic sourcing - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		04 27 2011	8104011016702	CAPOEMINI TECHNOLOGIES LLC	1	2012	\$822,428	29.387%	\$ 241,686.83	5.021%	\$ 41,294.09	Attachment 2 to DPS-446(DAG-59) pgs 92 to 93	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Restructuring - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		04 27 2011	810411017285	CAPOEMINI TECHNOLOGIES LLC	1	2012	\$1,294,969	29.387%	\$ 379,670.93	5.021%	\$ 64,869.76	Attachment 2 to DPS-446(DAG-59) pgs 94 to 95	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Restructuring - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		08 17 2011	8104011019676	CAPOEMINI TECHNOLOGIES LLC	5	2012	\$826,167	29.387%	\$ 241,922.48	5.021%	\$ 41,180.59	Attachment 2 to DPS-446(DAG-59) pgs 96 to 96	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Restructuring - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		09 21 2011	8104011022343	CAPOEMINI TECHNOLOGIES LLC	6	2012	\$577,339	29.400%	\$ 169,737.67	5.021%	\$ 28,988.19	Attachment 2 to DPS-446(DAG-59) pgs 97 to 98	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Restructuring - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		10 19 2011	8104021524572	CAPOEMINI TECHNOLOGIES LLC	7	2012	\$425,103	29.387%	\$ 124,925.02	5.021%	\$ 21,344.42	Attachment 2 to DPS-446(DAG-59) pgs 99 to 100	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Restructuring - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		10 27 2011	810402152457	CAPOEMINI TECHNOLOGIES LLC	7	2012	\$444,130	29.387%	\$ 130,572.92	5.021%	\$ 22,309.91	Attachment 2 to DPS-446(DAG-59) pgs 101 to 101	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Restructuring - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		12 27 2011	8104011026502	CAPOEMINI TECHNOLOGIES LLC	9	2012	\$933,431	29.387%	\$ 274,307.34	5.022%	\$ 46,876.90	Attachment 2 to DPS-446(DAG-59) pgs 102 to 102	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Restructuring - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		05 17 2011	68868246	VERIZON BUSINESS SERVICES	2	2012	\$601,175	29.387%	\$ 176,607.20	5.021%	\$ 30,184.98	Attachment 2 to DPS-446(DAG-59) pgs 103 to 113	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Transformation - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		05 02 2011	68857500	VERIZON BUSINESS SERVICES	2	2012	\$127,914	29.387%	\$ 37,589.98	5.021%	\$ 6,422.54	Attachment 2 to DPS-446(DAG-59) pgs 114 to 125	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Transformation - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		05 18 2011	68868247	VERIZON BUSINESS SERVICES	2	2012	\$1,327,510	29.387%	\$ 390,115.49	5.021%	\$ 66,654.30	Attachment 2 to DPS-446(DAG-59) pgs 126 to 151	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Transformation - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		06 21 2011	68871158	VERIZON BUSINESS SERVICES	3	2012	\$251,508	29.387%	\$ 73,910.76	5.021%	\$ 12,628.23	Attachment 2 to DPS-446(DAG-59) pgs 152 to 161	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Transformation - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		06 30 2011	26432149	VERIZON BUSINESS SERVICES	3	2012	\$261,178	29.387%	\$ 76,752.39	5.021%	\$ 13,113.75	Attachment 2 to DPS-446(DAG-59) pgs 162 to 171	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Transformation - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		06 21 2011	68871157	VERIZON BUSINESS SERVICES	3	2012	\$84,426	29.387%	\$ 24,810.28	5.021%	\$ 4,239.03	Attachment 2 to DPS-446(DAG-59) pgs 172 to 183	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Transformation - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		06 30 2011	68876559	VERIZON BUSINESS SERVICES	3	2012	\$745,650	29.387%	\$ 219,124.05	5.021%	\$ 37,439.07	Attachment 2 to DPS-446(DAG-59) pgs 182 to 196	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Transformation - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		08 12 2011	68885865	VERIZON BUSINESS SERVICES	5	2012	\$484,931	29.387%	\$ 142,506.54	5.021%	\$ 24,348.36	Attachment 2 to DPS-446(DAG-59) pgs 197 to 209	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Transformation - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		08 02 2011	68885866	VERIZON BUSINESS SERVICES	5	2012	\$306,837	29.387%	\$ 90,170.20	5.021%	\$ 15,406.29	Attachment 2 to DPS-446(DAG-59) pgs 210 to 223	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Transformation - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		10 24 2011	68906984	VERIZON BUSINESS SERVICES	7	2012	\$226,700	29.387%	\$ 66,620.39	5.021%	\$ 11,382.62	Attachment 2 to DPS-446(DAG-59) pgs 223 to 231	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Transformation - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		10 24 2011	68896660	VERIZON BUSINESS SERVICES	7	2012	\$224,086	29.387%	\$ 66,028.43	5.021%	\$ 11,281.48	Attachment 2 to DPS-446(DAG-59) pgs 234 to 243	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Transformation - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		11 01 2011	68896659	VERIZON BUSINESS SERVICES	8	2012	\$302,267	29.387%	\$ 88,827.19	5.021%	\$ 15,176.82	Attachment 2 to DPS-446(DAG-59) pgs 244 to 254	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Transformation - benefits all companies
00382	923000	A&G-Outside Services Employee 00099		11 16 2011	68914933	VERIZON BUSINESS SERVICES	8	2012	\$503,710	29.387%	\$ 148,025.17	5.021%	\$ 25,291.26	Attachment 2 to DPS-446(DAG-59) pgs 255 to 267	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Transformation - benefits all companies
00201	923000	A&G-Outside Services Employee 00099		01 12 2011	8104011012366	CAPOEMINI TECHNOLOGIES LLC	10	2011	\$310,393	39.793%	\$ 123,520.96	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 268 to 270	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Transformation - benefits all companies - amount reallocated to Restructuring Workorder in March 2011 via JE 99017DLS
00233	923000	A&G-Outside Services Employee 00099		02 23 2011	43930032	KPMG LLP	11	2011	\$5,301	54.025%	\$ 2,863.87	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 270 to 271	No	N/A	should benefit all companies - bill corrected to 00382 via JE 990831_KS
00233	923000	A&G-Outside Services Employee 00099		02 22 2011	43950184	KPMG LLP	11	2011	\$9,278	54.025%	\$ 5,012.44	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 272 to 273	No	N/A	should benefit all companies - bill corrected to 00382 via JE 990831_KS
00236	923000	A&G-Outside Services Employee 00099		02 23 2011	43954787	KPMG LLP	11	2011	\$36,462	42.913%	\$ 15,072.16	8.789%	\$ 2,677.31	Attachment 2 to DPS-446(DAG-59) pgs 274 to 275	No	N/A	Corporate Audit
00236	923000	A&G-Outside Services Employee 00099		02 24 2011	43960708	KPMG LLP	11	2011	\$21,380	42.913%	\$ 9,174.80	8.789%	\$ 1,879.09	Attachment 2 to DPS-446(DAG-59) pgs 276 to 277	No	N/A	Corporate Audit
00236	923000	A&G-Outside Services Employee 00099		02 24 2011	43872193	KPMG LLP	11	2011	\$13,019	42.913%	\$ 5,586.84	8.789%	\$ 1,144.24	Attachment 2 to DPS-446(DAG-59) pgs 278 to 279	No	N/A	Corporate Audit

Accounts Payable Details

Billing Pool	Regulatory Acct	Regulatory Acct Descr	Orig Business Unit	Inv Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payables \$	Allocation Electric	NIMO Electric	Allocation Gas	NIMO Gas	PDF REFERENCE	Normalization	Exhibit Reference	Reasoning for Allocation to NIMO
00233	923000	A&G-Outside Services Employee 00099		05/11/2011	44015267	KPMG LLP	2	2012	\$9,977	61.173% \$	6,103.23	0.000% \$	-	Attachment 2 to DPS-446(DAG-59) pgs 280 to 281	No	N/A	should benefit all companies - bill pool corrected to 00382 via JE 990831 KS
00238	923000	A&G-Outside Services Employee 00099		07/14/2011	130120451398	ERNST & YOUNG LLP	4	2012	\$167,496	54.830% \$	91,838.06	0.000% \$	-	Attachment 2 to DPS-446(DAG-59) pgs 282 to 284	No	N/A	should benefit all companies - bill pool corrected to 00382 via JE 990831 KS
00354	923000	A&G-Outside Services Employee 00099		01/27/2011	111010019373	MERCER HUMAN RESOURCE CON	10	2011	\$209,060	31.858% \$	66,602.33	6.525% \$	13,641.17	Attachment 2 to DPS-446(DAG-59) pgs 283 to 284	No	N/A	Benefits administration for all employees
00354	923000	A&G-Outside Services Employee 00099		03/02/2011	111010019709	MERCER HUMAN RESOURCE CON	12	2011	\$182,251	31.838% \$	58,061.52	6.525% \$	11,891.88	Attachment 2 to DPS-446(DAG-59) pgs 289 to 292	No	N/A	Benefits administration for all employees
00354	923000	A&G-Outside Services Employee 00099		03/22/2011	111010020040	MERCER HUMAN RESOURCE CON	12	2011	\$171,614	31.838% \$	54,672.79	6.525% \$	11,197.81	Attachment 2 to DPS-446(DAG-59) pgs 293 to 296	No	N/A	Benefits administration for all employees
00354	923000	A&G-Outside Services Employee 00099		06/10/2011	111010020761	MERCER HUMAN RESOURCE CON	3	2012	\$197,517	30.762% \$	60,760.18	6.300% \$	12,443.57	Attachment 2 to DPS-446(DAG-59) pgs 297 to 301	No	N/A	Benefits administration for all employees
00354	923000	A&G-Outside Services Employee 00099		08/02/2011	11010021139	MERCER HUMAN RESOURCE CON	5	2012	\$202,110	30.762% \$	62,173.08	6.300% \$	12,732.93	Attachment 2 to DPS-446(DAG-59) pgs 304 to 307	No	N/A	Benefits administration for all employees
00354	923000	A&G-Outside Services Employee 00099		08/12/2011	111010021485	MERCER HUMAN RESOURCE CON	5	2012	\$158,655	30.762% \$	48,805.45	6.300% \$	9,995.27	Attachment 2 to DPS-446(DAG-59) pgs 308 to 311	No	N/A	Benefits administration for all employees
00354	923000	A&G-Outside Services Employee 00099		08/30/2011	111010021808	MERCER HUMAN RESOURCE CON	5	2012	\$172,522	30.762% \$	53,071.22	6.300% \$	10,868.89	Attachment 2 to DPS-446(DAG-59) pgs 312 to 315	No	N/A	Benefits administration for all employees
00354	923000	A&G-Outside Services Employee 00099		10/27/2011	111010022130	MERCER HUMAN RESOURCE CON	7	2012	\$226,165	30.762% \$	69,572.88	6.300% \$	14,248.40	Attachment 2 to DPS-446(DAG-59) pgs 316 to 319	No	N/A	Benefits administration for all employees
00354	923000	A&G-Outside Services Employee 00099		10/27/2011	111010020464	MERCER HUMAN RESOURCE CON	7	2012	\$183,924	30.762% \$	56,578.70	6.300% \$	11,387.21	Attachment 2 to DPS-446(DAG-59) pgs 320 to 323	No	N/A	Benefits administration for all employees
00354	923000	A&G-Outside Services Employee 00099		10/27/2011	111010022559	MERCER HUMAN RESOURCE CON	7	2012	\$163,364	30.762% \$	50,254.03	6.300% \$	10,291.93	Attachment 2 to DPS-446(DAG-59) pgs 324 to 327	No	N/A	Benefits administration for all employees
00354	923000	A&G-Outside Services Employee 00099		12/28/2011	111010022773	MERCER HUMAN RESOURCE CON	9	2012	\$173,259	30.762% \$	53,297.93	6.300% \$	10,915.32	Attachment 2 to DPS-446(DAG-59) pgs 328 to 329	No	N/A	Benefits administration for all employees
00392	923000	A&G-Outside Services Employee 00099		09/27/2011	10017674	PA CONSULTING GROUP INC	6	2012	\$76,421	29.400% \$	22,467.64	5.021% \$	3,837.07	Attachment 2 to DPS-446(DAG-59) pgs 330 to 353	No	N/A	Cost Allocation review benefitting all companies
00382	923000	A&G-Outside Services Employee 00099		09/27/2011	10017784	PA CONSULTING GROUP INC	6	2012	\$64,329	29.400% \$	18,912.84	5.021% \$	3,229.98	Attachment 2 to DPS-446(DAG-59) pgs 354 to 379	No	N/A	Cost Allocation review benefitting all companies
00382	923000	A&G-Outside Services Employee 00099		10/17/2011	10017900	PA CONSULTING GROUP INC	7	2012	\$76,023	29.387% \$	22,340.85	5.021% \$	3,817.11	Attachment 2 to DPS-446(DAG-59) pgs 380 to 397	No	N/A	Cost Allocation review benefitting all companies
00382	923000	A&G-Outside Services Employee 00099		12/05/2011	10017961	PA CONSULTING GROUP INC	9	2012	\$63,888	29.387% \$	18,774.72	5.022% \$	3,208.45	Attachment 2 to DPS-446(DAG-59) pgs 398 to 412	No	N/A	Cost Allocation review benefitting all companies
00382	923000	A&G-Outside Services Employee 00099		12/05/2011	10018117	PA CONSULTING GROUP INC	9	2012	\$38,314	29.387% \$	11,259.38	5.022% \$	1,924.14	Attachment 2 to DPS-446(DAG-59) pgs 413 to 416	No	N/A	Cost Allocation review benefitting all companies
00382	923000	A&G-Outside Services Employee 00099		02/11/2011	5831	YOUNG SAMUEL CHAMBERS LLC	11	2011	\$13,000	26.564% \$	3,453.32	4.620% \$	600.60	Attachment 2 to DPS-446(DAG-59) pgs 417 to 418	No	N/A	Development Profile for employee's working for all companies
00354	923000	A&G-Outside Services Employee 00099		05/19/2011	6250	YOUNG SAMUEL CHAMBERS LLC	2	2012	\$16,033	30.762% \$	4,941.96	6.300% \$	1,010.06	Attachment 2 to DPS-446(DAG-59) pgs 419 to 421	No	N/A	Development Profile for employee's working for all companies
00388	923000	A&G-Outside Services Employee 00099		07/11/2011	BU28065	OLIVER WYMAN INC - MERCER M	4	2012	\$426,779	29.016% \$	123,834.17	5.720% \$	24,411.75	Attachment 2 to DPS-446(DAG-59) pgs 422 to 422	Yes - costs removed from NIMO to parent company	Exhibit RRP-3, Schedule 49 and EY AP File C1 035	service level agreements. Costs allocated by E&Y
00388	923000	A&G-Outside Services Employee 00099		07/11/2011	BU29438	OLIVER WYMAN INC - MERCER M	4	2012	\$263,019	29.016% \$	76,317.66	5.720% \$	13,044.70	Attachment 2 to DPS-446(DAG-59) pgs 423 to 423	Yes - costs removed from NIMO to parent company	Exhibit RRP-3, Schedule 49 and EY AP File C1 035	service level agreements. Costs allocated by E&Y
00388	923000	A&G-Outside Services Employee 00099		09/16/2011	BU29577	OLIVER WYMAN INC - MERCER M	6	2012	\$103,153	29.016% \$	29,930.92	5.720% \$	5,960.36	Attachment 2 to DPS-446(DAG-59) pgs 424 to 424	Yes - costs removed from NIMO to parent company	Exhibit RRP-3, Schedule 49 and EY AP File C1 035	service level agreements. Costs allocated by E&Y
00388	923000	A&G-Outside Services Employee 00099		09/16/2011	BU29135	OLIVER WYMAN INC - MERCER M	6	2012	\$373,829	29.016% \$	108,470.20	5.720% \$	21,383.01	Attachment 2 to DPS-446(DAG-59) pgs 425 to 425	Yes - costs removed from NIMO to parent company	Exhibit RRP-3, Schedule 49 and EY AP File C1 035	service level agreements. Costs allocated by E&Y
00240	923000	A&G-Outside Services Employee 00099		01/20/2011	6329246	ORACLE AMERICA INC	10	2011	\$27,157	41.350% \$	11,229.43	0.000% \$	-	Attachment 2 to DPS-446(DAG-59) pgs 426 to 433	No	N/A	services for electric companies only
00240	923000	A&G-Outside Services Employee 00099		02/17/2011	6327487	ORACLE AMERICA INC	11	2011	\$1,810	41.350% \$	748.46	0.000% \$	-	Attachment 2 to DPS-446(DAG-59) pgs 434 to 435	No	N/A	services for electric companies only
00240	923000	A&G-Outside Services Employee 00099		04/08/2011	6333470	ORACLE AMERICA INC	1	2012	\$2,674	44.378% \$	1,186.45	0.000% \$	-	Attachment 2 to DPS-446(DAG-59) pgs 435 to 440	No	N/A	services for electric companies only
00240	923000	A&G-Outside Services Employee 00099		04/08/2011	6332489	ORACLE AMERICA INC	1	2012	\$57,809	44.378% \$	25,654.35	0.000% \$	-	Attachment 2 to DPS-446(DAG-59) pgs 441 to 451	No	N/A	services for electric companies only
00240	923000	A&G-Outside Services Employee 00099		04/08/2011	6333170	ORACLE AMERICA INC	1	2012	\$31,580	44.378% \$	14,014.60	0.000% \$	-	Attachment 2 to DPS-446(DAG-59) pgs 452 to 460	No	N/A	services for electric companies only
00240	923000	A&G-Outside Services Employee 00099		04/11/2011	6333170	ORACLE AMERICA INC	1	2012	(\$31,580)	44.378% \$	(\$14,014.60)	0.000% \$	-	Attachment 2 to DPS-446(DAG-59) pgs 461 to 469	No	N/A	services for electric companies only
00240	923000	A&G-Outside Services Employee 00099		04/11/2011	6333170	ORACLE AMERICA INC	1	2012	\$31,580	44.378% \$	14,014.60	0.000% \$	-	Attachment 2 to DPS-446(DAG-59) pgs 470 to 478	No	N/A	services for electric companies only
00240	923000	A&G-Outside Services Employee 00099		04/12/2011	6333170	ORACLE AMERICA INC	1	2012	(\$31,580)	44.378% \$	(\$14,014.60)	0.000% \$	-	Attachment 2 to DPS-446(DAG-59) pgs 479 to 487	No	N/A	services for electric companies only

Accounts Payable Details

Billing Pool	Regulatory Acct	Regulatory Acct Descr	Orig Business Unit	Inst Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payables \$	Allocation Electric	NIMO Electric	Allocation Gas	NIMO Gas	PDF REFERENCE	Normalization	Exhibit Reference	Reasoning for Allocation to NIMO
00240	923000	A&G-Outside Services Employee 00099		04/08/2011	6331469	ORACLE AMERICA INC	1	2012	\$8,170	44.378%	\$ 3,625.54	0.000%	\$ -	Attachment 2 to DPS-446 (DAG-59) pgs 488 to 492	No	N/A	services for electric companies only
00240	923000	A&G-Outside Services Employee 00099		04/22/2011	6334548	ORACLE AMERICA INC	1	2012	\$2,335	44.378%	\$ 1,036.06	0.000%	\$ -	Attachment 2 to DPS-446 (DAG-59) pgs 493 to 498	No	N/A	services for electric companies only
00240	923000	A&G-Outside Services Employee 00099		04/22/2011	6336325	ORACLE AMERICA INC	1	2012	\$28,445	44.378%	\$ 12,623.48	0.000%	\$ -	Attachment 2 to DPS-446 (DAG-59) pgs 499 to 503	No	N/A	services for electric companies only
00240	923000	A&G-Outside Services Employee 00099		04/22/2011	6333170 balance due	ORACLE AMERICA INC	1	2012	\$4,423	44.378%	\$ 1,962.86	0.000%	\$ -	Attachment 2 to DPS-446 (DAG-59) pgs 504 to 511	No	N/A	services for electric companies only
00240	923000	A&G-Outside Services Employee 00099		06/30/2011	6329249	ORACLE AMERICA INC	3	2012	\$19,502	44.378%	\$ 8,654.69	0.000%	\$ -	Attachment 2 to DPS-446 (DAG-59) pgs 512 to 514	No	N/A	services for electric companies only
00240	923000	A&G-Outside Services Employee 00099		11/29/2011	6341408	ORACLE AMERICA INC	8	2012	\$869	44.378%	\$ 296.92	0.000%	\$ -	Attachment 2 to DPS-446 (DAG-59) pgs 514 to 515	No	N/A	services for electric companies only
00101	923090	A&G-Outside Services Employee 00099		10/21/2011	NGAM09A	IBM CORPORATION	7	2012	\$1,221	100.000%	\$ 1,221.12	0.000%	\$ -		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00102	923000	A&G-Outside Services Employee 00099		10/21/2011	NGAM09A	IBM CORPORATION	7	2012	\$1,093	83.000%	\$ 907.40	17.000%	\$ 185.85		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00238	923000	A&G-Outside Services Employee 00099		10/21/2011	NGAM09A	IBM CORPORATION	7	2012	\$59,144	54.830%	\$ 32,428.89	0.000%	\$ -		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00382	923000	A&G-Outside Services Employee 00099		10/20/2011	NGAM09P	IBM CORPORATION	7	2012	\$1,440	29.387%	\$ 423.30	5.021%	\$ 72.32		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00229	923000	A&G-Outside Services Employee 00099		10/21/2011	NGAM09A	IBM CORPORATION	7	2012	\$147,832	45.757%	\$ 67,643.63	9.020%	\$ 13,334.47		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00382	923000	A&G-Outside Services Employee 00099		10/21/2011	NGAM09A	IBM CORPORATION	7	2012	\$45,623	29.387%	\$ 13,407.11	5.021%	\$ 2,290.71		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00236	923000	A&G-Outside Services Employee 00099		10/21/2011	NGAM09A	IBM CORPORATION	7	2012	\$37,452	47.337%	\$ 17,728.63	8.088%	\$ 3,029.11		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00380	923000	A&G-Outside Services Employee 00099		10/21/2011	NGAM09A	IBM CORPORATION	7	2012	\$31,162	46.911%	\$ 15,556.63	8.016%	\$ 2,658.27		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00239	923000	A&G-Outside Services Employee 00099		10/21/2011	NGAM09A	IBM CORPORATION	7	2012	\$5,441	29.651%	\$ 1,613.22	5.067%	\$ 275.68		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00238	923000	A&G-Outside Services Employee 00099		10/21/2011	NGAM09A	IBM CORPORATION	7	2012	\$9,769	54.830%	\$ 5,356.32	0.000%	\$ -		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00353	923000	A&G-Outside Services Employee 00099		10/21/2011	NGAM09A	IBM CORPORATION	7	2012	\$524	46.105%	\$ 241.71	9.444%	\$ 49.51		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00229	923000	A&G-Outside Services Employee 00099		11/05/2011	NGAM10B	IBM CORPORATION	8	2012	\$199,252	45.757%	\$ 91,171.83	9.020%	\$ 17,972.55	Attachment 2 to DPS-446 (DAG-59) pgs 516 to 518	No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00382	923000	A&G-Outside Services Employee 00099		11/05/2011	NGAM10B	IBM CORPORATION	8	2012	\$61,491	29.387%	\$ 18,070.45	5.021%	\$ 3,087.48		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00236	923000	A&G-Outside Services Employee 00099		11/05/2011	NGAM10B	IBM CORPORATION	8	2012	\$50,479	47.337%	\$ 23,895.11	8.088%	\$ 4,082.72		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00380	923000	A&G-Outside Services Employee 00099		11/05/2011	NGAM10B	IBM CORPORATION	8	2012	\$44,697	46.911%	\$ 20,967.66	8.016%	\$ 3,582.89		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00239	923000	A&G-Outside Services Employee 00099		11/05/2011	NGAM10B	IBM CORPORATION	8	2012	\$7,333	29.651%	\$ 2,174.34	5.067%	\$ 371.57		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00238	923000	A&G-Outside Services Employee 00099		11/05/2011	NGAM10B	IBM CORPORATION	8	2012	\$13,167	54.830%	\$ 7,219.39	0.000%	\$ -		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00353	923000	A&G-Outside Services Employee 00099		11/05/2011	NGAM10B	IBM CORPORATION	8	2012	\$707	46.105%	\$ 325.76	9.444%	\$ 66.73		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00238	923000	A&G-Outside Services Employee 00099		12/21/2011	NGAM11F	IBM CORPORATION	9	2012	\$10,353	54.830%	\$ 5,676.52	0.000%	\$ -		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00229	923000	A&G-Outside Services Employee 00099		12/11/2011	NGAM11B	IBM CORPORATION	9	2012	\$199,252	45.757%	\$ 91,171.83	9.020%	\$ 17,972.55	Attachment 2 to DPS-446 (DAG-59) pgs 517 to 517	No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00229	923000	A&G-Outside Services Employee 00099		12/22/2011	NGAM12B	IBM CORPORATION	9	2012	\$199,252	45.757%	\$ 91,171.83	9.020%	\$ 17,972.55	Attachment 2 to DPS-446 (DAG-59) pgs 518 to 518	No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00382	923090	A&G-Outside Services Employee 00099		12/11/2011	NGAM11B	IBM CORPORATION	9	2012	\$61,491	29.387%	\$ 18,070.45	5.022%	\$ 3,088.09		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00382	923000	A&G-Outside Services Employee 00099		12/22/2011	NGAM12B	IBM CORPORATION	9	2012	\$61,491	29.387%	\$ 18,070.45	5.022%	\$ 3,088.09		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00236	923000	A&G-Outside Services Employee 00099		12/11/2011	NGAM11B	IBM CORPORATION	9	2012	\$50,479	47.337%	\$ 23,895.11	8.088%	\$ 4,082.72		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00236	923000	A&G-Outside Services Employee 00099		12/22/2011	NGAM12B	IBM CORPORATION	9	2012	\$50,479	47.337%	\$ 23,895.11	8.088%	\$ 4,082.72		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00380	923000	A&G-Outside Services Employee 00099		12/11/2011	NGAM11B	IBM CORPORATION	9	2012	\$44,697	46.911%	\$ 20,967.66	8.016%	\$ 3,582.89		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail

DPS-446 (DAG-59)

Niagara Mohawk Power Corporation
d/b/a National Grid
Cases 12-E-0201 and 12-G-0202
Attachment 1 to DPS-446 (DAG-59)
Part a
Page 8 of 11

Accounts Payable Details

Billing Pool	Regulatory Acct	Regulatory Acct Descr	Orig Business Unit	Invl Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payables \$	Allocation Electric	NIMO Electric	Allocation Gas	NIMO Gas	PDF REFERENCE	Normalization	Exhibit Reference	Reasoning for Allocation to NIMO
00380	923000	A&G-Outside Services Employee 00099		12/22/2011	NGAM120	IBM CORPORATION	9	2012	\$44,697	46.911%	\$ 20,947.66	8.010%	\$ 3,582.89		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00239	923000	A&G-Outside Services Employee 00099		12/11/2011	NGAM118	IBM CORPORATION	9	2012	\$7,333	26.690%	\$ 1,957.22	4.642%	\$ 340.40		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00239	923000	A&G-Outside Services Employee 00099		12/22/2011	NGAM120	IBM CORPORATION	9	2012	\$7,333	26.690%	\$ 1,957.22	4.642%	\$ 340.40		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00238	923000	A&G-Outside Services Employee 00099		12/11/2011	NGAM118	IBM CORPORATION	9	2012	\$13,167	54.830%	\$ 7,219.39	0.000%	\$ -		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00238	923000	A&G-Outside Services Employee 00099		12/22/2011	NGAM120	IBM CORPORATION	9	2012	\$13,167	54.830%	\$ 7,219.39	0.000%	\$ -		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00353	923000	A&G-Outside Services Employee 00099		12/11/2011	NGAM118	IBM CORPORATION	9	2012	\$707	46.105%	\$ 325.76	9.444%	\$ 66.73		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00353	923000	A&G-Outside Services Employee 00099		12/22/2011	NGAM120	IBM CORPORATION	9	2012	\$707	46.105%	\$ 325.76	9.444%	\$ 66.73		No	N/A	See E&Y Analysis files C1 011 & C1 152 for detail
00396	923000	A&G-Outside Services Employee 00099		05/08/2011	854 855	OCT RESOURCES INC	2	2012	\$39,352	60.106%	\$ 23,653.04	10.270%	\$ 4,041.47	Attachment 2 to DPS-446(DAG-59) pgs 521 to 524	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Audit charged to all NY Companies. Reclassified to correct Workorder via JE 99617-EB10 in August 2011
00396	923000	A&G-Outside Services Employee 00099		05/19/2011	856 857	OCT RESOURCES INC	2	2012	\$45,645	60.106%	\$ 27,435.08	10.270%	\$ 4,687.69	Attachment 2 to DPS-446(DAG-59) pgs 525 to 536	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Audit charged to all NY Companies. Reclassified to correct Workorder via JE 99617-EB10 in August 2011
00396	923000	A&G-Outside Services Employee 00099		06/09/2011	861 862	OCT RESOURCES INC	3	2012	\$65,904	60.106%	\$ 39,612.14	10.270%	\$ 6,768.12	Attachment 2 to DPS-446(DAG-59) pgs 537 to 542	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Audit charged to all NY Companies. Reclassified to correct Workorder via JE 99617-EB10 in August 2011
00396	923000	A&G-Outside Services Employee 00099		07/26/2011	865	OCT RESOURCES INC	4	2012	\$84,913	60.106%	\$ 51,037.73	10.270%	\$ 8,720.55	Attachment 2 to DPS-446(DAG-59) pgs 543 to 547	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Audit charged to all NY Companies. Reclassified to correct Workorder via JE 99617-EB10 in August 2011
00396	923000	A&G-Outside Services Employee 00099		07/26/2011	866	OCT RESOURCES INC	4	2012	\$9,675	60.106%	\$ 5,815.42	10.270%	\$ 993.65	Attachment 2 to DPS-446(DAG-59) pgs 546 to 551	Yes - removed HTY costs associated with projects	Exhibit RRP-2, Schedule 3	Audit charged to all NY Companies. Reclassified to correct Workorder via JE 99617-EB10 in August 2011
00382	923000	A&G-Outside Services Employee 00099		10/26/2011	6436122	HP ENTERPRISE SERVICES LLC	7	2012	\$400,793	29.387%	\$ 117,781.04	5.021%	\$ 20,123.82	Attachment 2 to DPS-446(DAG-59) pgs 552 to 554	No	N/A	SME services benefiting all companies
00382	923000	A&G-Outside Services Employee 00099		12/13/2011	6438934	HP ENTERPRISE SERVICES LLC	9	2012	\$389,706	29.387%	\$ 114,522.90	5.022%	\$ 19,571.04	Attachment 2 to DPS-446(DAG-59) pgs 555 to 556	No	N/A	SME services benefiting all companies
00382	923000	A&G-Outside Services Employee 00099		12/18/2011	6439133	HP ENTERPRISE SERVICES LLC	9	2012	\$389,742	29.387%	\$ 114,533.48	5.022%	\$ 19,572.84	Attachment 2 to DPS-446(DAG-59) pgs 557 to 558	No	N/A	SME services benefiting all companies
00382	923000	A&G-Outside Services Employee 00099		12/18/2011	6441508	HP ENTERPRISE SERVICES LLC	9	2012	\$389,742	29.387%	\$ 114,533.48	5.022%	\$ 19,572.84	Attachment 2 to DPS-446(DAG-59) pgs 559 to 560	No	N/A	SME services benefiting all companies
00382	923000	A&G-Outside Services Employee 00099		12/13/2011	6438931	HP ENTERPRISE SERVICES LLC	9	2012	\$391,050	29.387%	\$ 114,917.86	5.022%	\$ 19,638.53	Attachment 2 to DPS-446(DAG-59) pgs 561 to 562	No	N/A	SME services benefiting all companies
00382	923000	A&G-Outside Services Employee 00099		12/18/2011	6439135	HP ENTERPRISE SERVICES LLC	9	2012	\$391,050	29.387%	\$ 114,917.86	5.022%	\$ 19,638.53	Attachment 2 to DPS-446(DAG-59) pgs 563 to 564	No	N/A	SME services benefiting all companies
00380	923000	A&G-Outside Services Employee 00099		01/18/2011	11 010	TERRA L ROBINSON CPA	10	2011	\$14,440	42.686%	\$ 6,163.86	8.743%	\$ 1,262.49	Attachment 2 to DPS-446(DAG-59) pgs 565 to 566	No	N/A	Digital Security Risk for all companies - amounts reclassified to BP 00382 via online Journal
00380	923000	A&G-Outside Services Employee 00099		03/07/2011	11 011	TERRA L ROBINSON CPA	12	2011	\$15,960	42.686%	\$ 6,812.69	8.743%	\$ 1,395.38	Attachment 2 to DPS-446(DAG-59) pgs 567 to 568	No	N/A	Digital Security Risk for all companies - amounts reclassified to BP 00382 via online Journal
00380	923000	A&G-Outside Services Employee 00099		03/21/2011	11 014	TERRA L ROBINSON CPA	12	2011	\$15,200	42.686%	\$ 6,488.27	8.743%	\$ 1,328.94	Attachment 2 to DPS-446(DAG-59) pgs 569 to 569	No	N/A	Digital Security Risk for all companies - amounts reclassified to BP 00382 via online Journal
00380	923000	A&G-Outside Services Employee 00099		04/19/2011	11 015	TERRA L ROBINSON CPA	1	2012	\$17,480	46.911%	\$ 8,200.04	8.016%	\$ 1,401.20	Attachment 2 to DPS-446(DAG-59) pgs 570 to 570	No	N/A	Digital Security Risk for all companies - amounts reclassified to BP 00382 via online Journal
00380	923000	A&G-Outside Services Employee 00099		05/18/2011	11 016	TERRA L ROBINSON CPA	2	2012	\$15,960	46.911%	\$ 7,487.00	8.016%	\$ 1,279.35	Attachment 2 to DPS-446(DAG-59) pgs 571 to 571	No	N/A	Digital Security Risk for all companies - amounts reclassified to BP 00382 via online Journal
00380	923000	A&G-Outside Services Employee 00099		07/05/2011	11 017	TERRA L ROBINSON CPA	4	2012	\$18,720	46.911%	\$ 7,843.52	8.016%	\$ 1,340.28	Attachment 2 to DPS-446(DAG-59) pgs 572 to 572	No	N/A	Digital Security Risk for all companies - amounts reclassified to BP 00382 via online Journal
00380	923000	A&G-Outside Services Employee 00099		08/05/2011	11 019	TERRA L ROBINSON CPA	5	2012	\$13,300	46.911%	\$ 6,239.16	8.016%	\$ 1,066.13	Attachment 2 to DPS-446(DAG-59) pgs 573 to 573	No	N/A	Digital Security Risk for all companies - amounts reclassified to BP 00382 via online Journal
00380	923000	A&G-Outside Services Employee 00099		09/13/2011	11 042	TERRA L ROBINSON CPA	6	2012	\$15,960	46.911%	\$ 7,487.00	8.016%	\$ 1,279.35	Attachment 2 to DPS-446(DAG-59) pgs 574 to 574	No	N/A	Digital Security Risk for all companies - amounts reclassified to BP 00382 via online Journal

DPS-446 (DAG-59)

Accounts Payable Details

Pool	Regulatory Acct	Regulatory Acct Descr	Orig Business Unit	3rd Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payable \$	Allocation Electric	NIMO Electric	Allocation Gas	NIMO Gas	PDF REFERENCE	Normalization	Exhibit Reference	Reasoning for Allocation to NIMO
00203	907000	Cost Service-Supervision	00099	06/16/2011	050911-NG02	EFFICIO	3	2012	\$31,008	46.403%	\$ 14,388.48	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 575 to 576	No	N/A	Call Center strategic sourcing - split between electric and gas companies
00203	907000	Cost Service-Supervision	00099	06/16/2011	041811-NG02	EFFICIO	3	2012	\$29,440	46.403%	\$ 13,660.98	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 577 to 578	No	N/A	Call Center strategic sourcing - split between electric and gas companies
00203	907000	Cost Service-Supervision	00099	06/16/2011	060911-NG02	EFFICIO	3	2012	\$81,252	46.403%	\$ 37,502.03	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 579 to 580	No	N/A	Call Center strategic sourcing - split between electric and gas companies
00390	907000	Cost Service-Supervision	00099	06/16/2011	050911-NG02	EFFICIO	3	2012	\$10,336	0.000%	\$ -	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 581 to 582	No	N/A	Call Center strategic sourcing - split between electric and gas companies
00390	907000	Cost Service-Supervision	00099	06/16/2011	041811-NG02	EFFICIO	3	2012	\$9,813	0.000%	\$ -	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 583 to 584	No	N/A	Call Center strategic sourcing - split between electric and gas companies
00390	907000	Cost Service-Supervision	00099	06/16/2011	060911-NG02	EFFICIO	3	2012	\$10,417	0.000%	\$ -	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 585 to 586	No	N/A	Call Center strategic sourcing - split between electric and gas companies
00203	907000	Cost Service-Supervision	00099	09/16/2011	071711-NG02	EFFICIO	6	2012	\$29,332	46.403%	\$ 13,611.07	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 587 to 588	No	N/A	Call Center strategic sourcing - split between electric and gas companies
00203	907000	Cost Service-Supervision	00099	09/16/2011	082111-NG02	EFFICIO	6	2012	\$23,286	46.403%	\$ 10,809.98	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 589 to 590	No	N/A	Call Center strategic sourcing - split between electric and gas companies
00390	907000	Cost Service-Supervision	00099	09/16/2011	071711-NG02	EFFICIO	6	2012	\$9,777	0.000%	\$ -	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 591 to 592	No	N/A	Call Center strategic sourcing - split between electric and gas companies
00390	907000	Cost Service-Supervision	00099	09/16/2011	082111-NG02	EFFICIO	6	2012	\$7,765	0.000%	\$ -	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 593 to 594	No	N/A	Call Center strategic sourcing - split between electric and gas companies
00100	923000	A&G-Outside Services Employee 00036	00036	01/05/2011	4144454	PRO UNLIMITED INC	10	2011	\$1,413	83.000%	\$ 1,172.96	17.000%	\$ 240.24	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	01/12/2011	4151058	PRO UNLIMITED INC	10	2011	\$4	83.000%	\$ 3.32	17.000%	\$ 0.68	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	01/12/2011	4148549	PRO UNLIMITED INC	10	2011	\$1,131	83.000%	\$ 938.36	17.000%	\$ 192.20	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	01/19/2011	4153094	PRO UNLIMITED INC	10	2011	\$1,413	83.000%	\$ 1,172.96	17.000%	\$ 240.24	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	01/26/2011	4158002	PRO UNLIMITED INC	10	2011	\$1,413	83.000%	\$ 1,172.96	17.000%	\$ 240.24	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	02/02/2011	4163110	PRO UNLIMITED INC	11	2011	\$1,145	83.000%	\$ 950.32	17.000%	\$ 194.64	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	02/09/2011	4168149	PRO UNLIMITED INC	11	2011	\$1,431	83.000%	\$ 1,187.90	17.000%	\$ 243.30	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	02/09/2011	4174670	PRO UNLIMITED INC	11	2011	\$123	83.000%	\$ 101.88	17.000%	\$ 20.87	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	02/09/2011	4174671	PRO UNLIMITED INC	11	2011	\$47	83.000%	\$ 39.02	17.000%	\$ 7.99	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	02/17/2011	4174179	PRO UNLIMITED INC	11	2011	\$1,431	83.000%	\$ 1,187.90	17.000%	\$ 243.30	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	02/22/2011	4177710	PRO UNLIMITED INC	11	2011	\$1,485	83.000%	\$ 1,232.44	17.000%	\$ 252.43	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	03/02/2011	4180227	PRO UNLIMITED INC	12	2011	\$1,431	83.000%	\$ 1,187.90	17.000%	\$ 243.30	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	03/09/2011	4183102	PRO UNLIMITED INC	12	2011	\$1,199	83.000%	\$ 994.86	17.000%	\$ 203.77	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	03/16/2011	4185951	PRO UNLIMITED INC	12	2011	\$1,431	83.000%	\$ 1,187.90	17.000%	\$ 243.30	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	03/16/2011	4183628	PRO UNLIMITED INC	12	2011	\$146	83.000%	\$ 120.90	17.000%	\$ 24.76	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	03/23/2011	4188834	PRO UNLIMITED INC	12	2011	\$1,539	83.000%	\$ 1,276.99	17.000%	\$ 261.55	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	03/23/2011	4189049	PRO UNLIMITED INC	12	2011	\$198	83.000%	\$ 164.61	17.000%	\$ 33.72	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	03/30/2011	4191190	PRO UNLIMITED INC	12	2011	\$1,431	83.000%	\$ 1,187.90	17.000%	\$ 243.30	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	04/30/2011	4192663	PRO UNLIMITED INC	12	2011	\$10	83.000%	\$ 8.46	17.000%	\$ 1.73	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	07/30/2011	4192664	PRO UNLIMITED INC	12	2011	\$10	83.000%	\$ 8.46	17.000%	\$ 1.73	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	04/06/2011	4194178	PRO UNLIMITED INC	1	2012	\$1,431	83.000%	\$ 1,187.90	17.000%	\$ 243.30	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	04/13/2011	4196873	PRO UNLIMITED INC	1	2012	\$1,546	83.000%	\$ 1,282.93	17.000%	\$ 262.77	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	04/20/2011	4199540	PRO UNLIMITED INC	1	2012	\$1,466	83.000%	\$ 1,216.95	17.000%	\$ 249.26	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	04/20/2011	4200113	PRO UNLIMITED INC	1	2012	\$10	83.000%	\$ 8.46	17.000%	\$ 1.73	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	04/20/2011	4200114	PRO UNLIMITED INC	1	2012	\$1	83.000%	\$ 1.20	17.000%	\$ 0.25	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	04/27/2011	4202664	PRO UNLIMITED INC	1	2012	\$1,413	83.000%	\$ 1,172.96	17.000%	\$ 240.24	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	05/04/2011	4204408	PRO UNLIMITED INC	2	2012	\$1,131	83.000%	\$ 938.36	17.000%	\$ 192.20	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	05/11/2011	4207077	PRO UNLIMITED INC	2	2012	\$1,519	83.000%	\$ 1,260.03	17.000%	\$ 258.26	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	05/18/2011	4210280	PRO UNLIMITED INC	2	2012	\$64	83.000%	\$ 53.21	17.000%	\$ 10.91	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	05/18/2011	4210281	PRO UNLIMITED INC	2	2012	\$10	83.000%	\$ 8.46	17.000%	\$ 1.73	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	05/18/2011	4209799	PRO UNLIMITED INC	2	2012	\$1,413	83.000%	\$ 1,172.96	17.000%	\$ 240.24	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	05/25/2011	4212415	PRO UNLIMITED INC	2	2012	\$1,413	83.000%	\$ 1,172.96	17.000%	\$ 240.24	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	06/01/2011	4214957	PRO UNLIMITED INC	3	2012	\$1,413	83.000%	\$ 1,172.96	17.000%	\$ 240.24	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	06/08/2011	4217596	PRO UNLIMITED INC	3	2012	\$1,519	83.000%	\$ 1,260.03	17.000%	\$ 258.26	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	06/15/2011	4220337	PRO UNLIMITED INC	3	2012	\$12	83.000%	\$ 9.96	17.000%	\$ 2.04	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	06/15/2011	4220338	PRO UNLIMITED INC	3	2012	\$8	83.000%	\$ 6.83	17.000%	\$ 1.40	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	06/15/2011	4220474	PRO UNLIMITED INC	3	2012	\$1,466	83.000%	\$ 1,216.95	17.000%	\$ 249.26	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	06/22/2011	4222885	PRO UNLIMITED INC	3	2012	\$1,413	83.000%	\$ 1,172.96	17.000%	\$ 240.24	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	06/29/2011	4225543	PRO UNLIMITED INC	3	2012	\$1,131	83.000%	\$ 938.36	17.000%	\$ 192.20	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	07/06/2011	4228141	PRO UNLIMITED INC	4	2012	\$1,413	83.000%	\$ 1,172.96	17.000%	\$ 240.24	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	07/13/2011	4230858	PRO UNLIMITED INC	4	2012	\$1,413	83.000%	\$ 1,172.96	17.000%	\$ 240.24	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	07/20/2011	4231414	PRO UNLIMITED INC	4	2012	\$1,413	83.000%	\$ 1,172.96	17.000%	\$ 240.24	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	07/27/2011	4236013	PRO UNLIMITED INC	4	2012	\$1,413	83.000%	\$ 1,172.96	17.000%	\$ 240.24	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	08/03/2011	4238534	PRO UNLIMITED INC	5	2012	\$1,466	83.000%	\$ 1,216.95	17.000%	\$ 249.26	No	N/A	Service directly attributable to NIMO	
00100	923000	A&G-Outside Services Employee 00036	00036	08/03/2011	4239600	PRO UNLIMITED INC	5	2012	\$1	83.000%	\$ 0.92	17.000%	\$ 0.19	No	N/A	Service directly attributable to NIMO	

Niagara Mohawk Power Corporation
d/b/a National Grid
Cases 12-E-0201 and 12-G-0202
Attachment 1 to DPS-446 (DAG-59)
Part a
Page 9 of 11

Accounts Payable Details

Billing Fuel	Regulatory Asset	Regulatory Asset Desc	Orig Business Unit	Orig Date	Invoice No	Vendor	Period	Plant Yr	Total Payables \$	Allocation Electric	NIMO Electric	Allocation Gas	NIMO Gas	PDF REFERENCE	Normalization	Exhibit Reference	Requesting for Allocation to NIMO
00100	923000	A&G-Outside Services Employee 00036	08/03/2011	4239601	PRO UNLIMITED INC	5	2012	\$12	83,000%	\$ 9.96	17,000%	\$ 2.04	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	08/10/2011	4241188	PRO UNLIMITED INC	5	2012	\$1,413	83,000%	\$ 1,172.96	17,000%	\$ 240.24	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	08/17/2011	4243644	PRO UNLIMITED INC	5	2012	\$1,413	83,000%	\$ 1,172.96	17,000%	\$ 240.24	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	08/24/2011	4246473	PRO UNLIMITED INC	5	2012	\$1,413	83,000%	\$ 1,172.96	17,000%	\$ 240.24	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	08/31/2011	4248912	PRO UNLIMITED INC	5	2012	\$1,413	83,000%	\$ 1,172.96	17,000%	\$ 240.24	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	08/31/2011	4249353	PRO UNLIMITED INC	5	2012	\$51	83,000%	\$ 42.06	17,000%	\$ 8.61	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	09/07/2011	4251154	PRO UNLIMITED INC	6	2012	\$2,261	83,000%	\$ 1,876.73	17,000%	\$ 384.39	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	09/21/2011	4256500	PRO UNLIMITED INC	6	2012	\$2,288	83,000%	\$ 1,898.72	17,000%	\$ 389.90	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	09/21/2011	4253999	PRO UNLIMITED INC	6	2012	\$1,572	83,000%	\$ 1,304.91	17,000%	\$ 267.27	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	10/03/2011	4259243	PRO UNLIMITED INC	7	2012	\$1,413	83,000%	\$ 1,172.96	17,000%	\$ 240.24	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	10/05/2011	4262016	PRO UNLIMITED INC	7	2012	\$1,519	83,000%	\$ 1,260.93	17,000%	\$ 258.26	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	10/12/2011	4264547	PRO UNLIMITED INC	7	2012	\$1,431	83,000%	\$ 1,187.90	17,000%	\$ 243.30	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	10/19/2011	4267349	PRO UNLIMITED INC	7	2012	\$1,431	83,000%	\$ 1,187.90	17,000%	\$ 243.30	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	10/19/2011	4267451	PRO UNLIMITED INC	7	2012	\$12	83,000%	\$ 10.13	17,000%	\$ 2.08	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	10/19/2011	4267452	PRO UNLIMITED INC	7	2012	\$13	83,000%	\$ 10.82	17,000%	\$ 2.22	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	10/19/2011	4267453	PRO UNLIMITED INC	7	2012	\$12	83,000%	\$ 9.67	17,000%	\$ 1.98	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	10/26/2011	4270063	PRO UNLIMITED INC	7	2012	\$1,431	83,000%	\$ 1,187.90	17,000%	\$ 243.30	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	10/26/2011	4270173	PRO UNLIMITED INC	7	2012	\$14	83,000%	\$ 11.69	17,000%	\$ 2.39	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	11/05/2011	4271702	PRO UNLIMITED INC	8	2012	\$9	83,000%	\$ 7.83	17,000%	\$ 1.60	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	11/05/2011	4271652	PRO UNLIMITED INC	8	2012	\$1,539	83,000%	\$ 1,276.99	17,000%	\$ 261.35	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	11/09/2011	4275271	PRO UNLIMITED INC	8	2012	\$1,431	83,000%	\$ 1,187.90	17,000%	\$ 243.30	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	11/16/2011	4277989	PRO UNLIMITED INC	8	2012	\$9	83,000%	\$ 7.83	17,000%	\$ 1.60	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	11/16/2011	4277988	PRO UNLIMITED INC	8	2012	\$1,431	83,000%	\$ 1,187.90	17,000%	\$ 243.30	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	11/30/2011	4283169	PRO UNLIMITED INC	8	2012	\$1,431	83,000%	\$ 1,187.90	17,000%	\$ 243.30	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	12/02/2011	4280627	PRO UNLIMITED INC	9	2012	\$1,431	83,000%	\$ 1,187.90	17,000%	\$ 243.30	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	12/07/2011	4283594	PRO UNLIMITED INC	9	2012	\$1,002	83,000%	\$ 831.53	17,000%	\$ 170.31	No	N/A	Service directly attributable to NIMO		
00100	923000	A&G-Outside Services Employee 00036	12/15/2011	4284026	PRO UNLIMITED INC	9	2012	\$859	83,000%	\$ 712.74	17,000%	\$ 145.98	No	N/A	Service directly attributable to NIMO		
923000	A&G-Outside Services Employee 00099	04/30/2011	1231	BRIDGE TECHNOLOGY SYSTEMS	1	2012	\$29,400	100,000%	\$ 29,400.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 595 to 595	No	N/A	Service directly attributable to NIMO		
923000	A&G-Outside Services Employee 00099	05/04/2011	1231	BRIDGE TECHNOLOGY SYSTEMS	2	2012	(\$29,400)	100,000%	\$ (29,400.00)	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 596 to 596	No	N/A	Service directly attributable to NIMO		
923000	A&G-Outside Services Employee 00099	05/10/2011	1231	BRIDGE TECHNOLOGY SYSTEMS	2	2012	\$29,400	100,000%	\$ 29,400.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 597 to 597	No	N/A	Service directly attributable to NIMO		
923000	A&G-Outside Services Employee 00099	05/11/2011	1231	BRIDGE TECHNOLOGY SYSTEMS	2	2012	\$600	100,000%	\$ 600.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 598 to 598	No	N/A	Service directly attributable to NIMO		
923000	A&G-Outside Services Employee 00099	06/22/2011	1235	BRIDGE TECHNOLOGY SYSTEMS	3	2012	\$200	100,000%	\$ 200.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 599 to 599	No	N/A	Service directly attributable to NIMO		
923000	A&G-Outside Services Employee 00099	06/27/2011	1235	BRIDGE TECHNOLOGY SYSTEMS	3	2012	\$9,800	100,000%	\$ 9,800.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 600 to 600	No	N/A	Service directly attributable to NIMO		
923000	A&G-Outside Services Employee 00099	11/28/2011	1270	BRIDGE TECHNOLOGY SYSTEMS	8	2012	\$14,504	100,000%	\$ 14,504.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 601 to 601	No	N/A	Service directly attributable to NIMO		
923000	A&G-Outside Services Employee 00099	11/29/2011	1270	BRIDGE TECHNOLOGY SYSTEMS	8	2012	\$296	100,000%	\$ 296.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 602 to 602	No	N/A	Service directly attributable to NIMO		
923000	A&G-Outside Services Employee 00099	12/15/2011	1275	BRIDGE TECHNOLOGY SYSTEMS	9	2012	\$19,600	100,000%	\$ 19,600.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 603 to 603	No	N/A	Service directly attributable to NIMO		
923000	A&G-Outside Services Employee 00099	12/30/2011	1275	BRIDGE TECHNOLOGY SYSTEMS	9	2012	\$400	100,000%	\$ 400.00	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pgs 604 to 604	No	N/A	Service directly attributable to NIMO		
923000	A&G-Outside Services Employee 00099	01/05/2011	4143446	PRO UNLIMITED INC	10	2011	\$564	100,000%	\$ 564.12	0.000%	\$ -	No	N/A	Service directly attributable to NIMO			
923000	A&G-Outside Services Employee 00099	01/05/2011	4144479	PRO UNLIMITED INC	10	2011	\$934	100,000%	\$ 934.00	0.000%	\$ -	No	N/A	Service directly attributable to NIMO			
923000	A&G-Outside Services Employee 00099	01/12/2011	4148441	PRO UNLIMITED INC	10	2011	\$564	100,000%	\$ 564.12	0.000%	\$ -	No	N/A	Service directly attributable to NIMO			
923000	A&G-Outside Services Employee 00099	01/19/2011	4152986	PRO UNLIMITED INC	10	2011	\$594	100,000%	\$ 593.80	0.000%	\$ -	No	N/A	Service directly attributable to NIMO			
923000	A&G-Outside Services Employee 00099	01/26/2011	4157895	PRO UNLIMITED INC	10	2011	\$594	100,000%	\$ 593.80	0.000%	\$ -	No	N/A	Service directly attributable to NIMO			
923000	A&G-Outside Services Employee 00099	02/02/2011	4168045	PRO UNLIMITED INC	11	2011	\$601	100,000%	\$ 601.40	0.000%	\$ -	No	N/A	Service directly attributable to NIMO			
923000	A&G-Outside Services Employee 00099	02/17/2011	4174073	PRO UNLIMITED INC	11	2011	\$601	100,000%	\$ 601.40	0.000%	\$ -	No	N/A	Service directly attributable to NIMO			
923000	A&G-Outside Services Employee 00099	02/23/2011	4177217	PRO UNLIMITED INC	11	2011	\$601	100,000%	\$ 601.40	0.000%	\$ -	No	N/A	Service directly attributable to NIMO			
923000	A&G-Outside Services Employee 00099	03/02/2011	4180122	PRO UNLIMITED INC	12	2011	\$601	100,000%	\$ 601.40	0.000%	\$ -	No	N/A	Service directly attributable to NIMO			
923000	A&G-Outside Services Employee 00099	03/09/2011	4182998	PRO UNLIMITED INC	12	2011	\$601	100,000%	\$ 601.40	0.000%	\$ -	No	N/A	Service directly attributable to NIMO			
923000	A&G-Outside Services Employee 00099	03/15/2011	4185849	PRO UNLIMITED INC	12	2011	\$601	100,000%	\$ 601.40	0.000%	\$ -	No	N/A	Service directly attributable to NIMO			
923000	A&G-Outside Services Employee 00099	03/30/2011	4191295	PRO UNLIMITED INC	12	2011	\$601	100,000%	\$ 601.40	0.000%	\$ -	No	N/A	Service directly attributable to NIMO			
923000	A&G-Outside Services Employee 00099	04/06/2011	4194081	PRO UNLIMITED INC	1	2012	\$601	100,000%	\$ 601.40	0.000%	\$ -	No	N/A	Service directly attributable to NIMO			
923000	A&G-Outside Services Employee 00099	04/13/2011	4196783	PRO UNLIMITED INC	1	2012	\$594	100,000%	\$ 593.80	0.000%	\$ -	No	N/A	Service directly attributable to NIMO			
923000	A&G-Outside Services Employee 00099	04/20/2011	4199453	PRO UNLIMITED INC	1	2012	\$594	100,000%	\$ 593.80	0.000%	\$ -	No	N/A	Service directly attributable to NIMO			
923000	A&G-Outside Services Employee 00099	04/27/2011	4201981	PRO UNLIMITED INC	1	2012	\$594	100,000%	\$ 593.80	0.000%	\$ -	No	N/A	Service directly attributable to NIMO			
923000	A&G-Outside Services Employee 00099	05/04/2011	4204312	PRO UNLIMITED INC	2	2012	\$594	100,000%	\$ 593.80	0.000%	\$ -	No	N/A	Service directly attributable to NIMO			
923000	A&G-Outside Services Employee 00099	05/11/2011	4207004	PRO UNLIMITED INC	2	2012	\$594	100,000%	\$ 593.80	0.000%	\$ -	No	N/A	Service directly attributable to NIMO			

Accounts Payable Details

Billing Pool	Regulatory Acct	Regulatory Acct Descr	Orig Business Unit	First Date	Invoice No	Vendor	Period	Fiscal Yr	Total Payables \$	Allocation Electric	NIMO Electric	Allocation Gas	NIMO Gas	PDF REFERENCE	Normalization	Exhibit Reference	Reasoning for Allocation to NIMO
923000	A&G-Outside Services Employee 00099			05/18/2011	4209724	PRO UNLIMITED INC	2	2012	\$594	100.000%	\$ 593.80	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			05/25/2011	4213542	PRO UNLIMITED INC	2	2012	\$4	100.000%	\$ 4.00	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			05/25/2011	4213543	PRO UNLIMITED INC	2	2012	\$41	100.000%	\$ 41.28	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			05/25/2011	4213541	PRO UNLIMITED INC	2	2012	\$188	100.000%	\$ 187.75	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			05/25/2011	4212345	PRO UNLIMITED INC	2	2012	\$594	100.000%	\$ 593.80	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			06/27/2011	4214865	PRO UNLIMITED INC	3	2012	\$475	100.000%	\$ 475.04	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			06/27/2011	4217530	PRO UNLIMITED INC	3	2012	\$475	100.000%	\$ 475.04	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			06/27/2011	4219990	PRO UNLIMITED INC	3	2012	\$475	100.000%	\$ 475.04	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			06/27/2011	4222819	PRO UNLIMITED INC	3	2012	\$475	100.000%	\$ 475.04	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			07/01/2011	4225470	PRO UNLIMITED INC	4	2012	\$594	100.000%	\$ 593.80	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			07/06/2011	4228075	PRO UNLIMITED INC	4	2012	\$594	100.000%	\$ 593.80	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			07/13/2011	4230794	PRO UNLIMITED INC	4	2012	\$594	100.000%	\$ 593.80	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			07/20/2011	4233375	PRO UNLIMITED INC	4	2012	\$594	100.000%	\$ 593.80	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			07/27/2011	4235946	PRO UNLIMITED INC	4	2012	\$594	100.000%	\$ 593.80	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			08/08/2011	4238472	PRO UNLIMITED INC	5	2012	\$594	100.000%	\$ 593.80	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			08/10/2011	4241122	PRO UNLIMITED INC	5	2012	\$594	100.000%	\$ 593.80	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			08/17/2011	4243585	PRO UNLIMITED INC	5	2012	\$594	100.000%	\$ 593.80	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			08/24/2011	4246417	PRO UNLIMITED INC	5	2012	\$594	100.000%	\$ 593.80	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			08/31/2011	4248851	PRO UNLIMITED INC	5	2012	\$594	100.000%	\$ 593.80	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			09/07/2011	4251302	PRO UNLIMITED INC	6	2012	\$594	100.000%	\$ 593.80	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			09/14/2011	4253945	PRO UNLIMITED INC	6	2012	\$594	100.000%	\$ 593.80	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			10/05/2011	4261962	PRO UNLIMITED INC	7	2012	\$594	100.000%	\$ 593.80	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			10/12/2011	4264493	PRO UNLIMITED INC	7	2012	\$601	100.000%	\$ 601.40	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			10/19/2011	4267300	PRO UNLIMITED INC	7	2012	\$601	100.000%	\$ 601.40	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			10/26/2011	4270008	PRO UNLIMITED INC	7	2012	\$601	100.000%	\$ 601.40	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			11/05/2011	4271621	PRO UNLIMITED INC	8	2012	\$601	100.000%	\$ 601.40	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			11/09/2011	4275224	PRO UNLIMITED INC	8	2012	\$601	100.000%	\$ 601.40	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			11/16/2011	4277839	PRO UNLIMITED INC	8	2012	\$601	100.000%	\$ 601.40	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			11/30/2011	4283122	PRO UNLIMITED INC	8	2012	\$421	100.000%	\$ 420.98	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			12/02/2011	4280581	PRO UNLIMITED INC	9	2012	\$601	100.000%	\$ 601.41	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			12/07/2011	4283553	PRO UNLIMITED INC	9	2012	\$130	100.000%	\$ 130.35	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			12/15/2011	4287979	PRO UNLIMITED INC	9	2012	\$601	100.000%	\$ 601.40	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			12/29/2011	4284654	PRO UNLIMITED INC	9	2012	\$571	100.000%	\$ 571.33	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			12/29/2011	4286889	PRO UNLIMITED INC	9	2012	\$39	100.000%	\$ 38.58	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			12/29/2011	191929876	PRO UNLIMITED INC	9	2012	\$541	100.000%	\$ 541.26	0.000%	\$ -		No	N/A	Service directly attributable to NIMO
923000	A&G-Outside Services Employee 00099			01/25/2011	8001313771	DELOITTE CONSULTING LLP	10	2011	\$109,601	100.000%	\$ 109,601.46	0.000%	\$ -	Attachment 2 to DPS-446(DAG-59) pg 603-605	No	N/A	Service directly attributable to NIMO

nationalgrid

PAYMENT REQUEST

Date: 01/10/11

Due Date: 01/13/11

Check one method of payment.

☒ CHECK	☐ ACH	☐ WIRE
Check Stub Message: (maximum limit of 70 characters) Project Marlborough Phase I High Level Design Separate check ☐ Y ☐ N Mail check to Payee ☐ Y ☐ N OR Mail check to internal location:	Bank _____ Routing # _____ Acct # _____	Electronic Transfer # _____ Originating Routing # _____ Acct # _____ Recipient Routing # _____ Acct # _____ Reference information for beneficiary
Location of Service (Required information for all requests): City: Brooklyn State: New York Zip: 11201		Wired by: _____ Date: _____ Value date: _____ Authorized by: _____

Accounts Payable
JAN 11 2011
Received

VENDOR INFORMATION

PLEASE ISSUE PAYMENT AS FOLLOWS (Check one) ☒ Peoplesoft. ☐ Oracle

Payable to (Name) Capgemini US LLC	Vendor No. 0000010408	Federal Tax No. or SS # 22-3712959
Address: Lockbox 98836 Chicago, IL 60693	Paying Company	
In Payment of: (Reason for check) High Level Design	Invoice # 8104011012366	Amount \$310,393.17

Business	Activity	Work Order	Expense	Orig	Change	Bill Pool	Segment	Orig	Amount
00099	AG0760		100	20100	20100	00201	OTH	00089	\$310,393.17

Rec. Company	Rec. Cost Center	Activity	Cost Type	GL Acct.	Project	Prov. Cost Center	Prov. Company	Amount

Approver's Name (Print) Fred Surrey	Signature <i>Fred Surrey</i>	Peoplesoft/Keyspan User ID (Emp. #) 100053979
Preparer's Name (Print) Carrie Slevin	Signature <i>Carrie Slevin</i>	Phone Number (718) 403-2894

NON-PURCHASE ORDER CATEGORY (Requestor check one)

☐ 01 Advertising ☐ 02 Awards/Gifts ☐ 03 Bank/Exchange/Rating Agency ☐ 04 Catering ☐ 05 Charitable/Sponsorship ☐ 06 Clothing/Safety Shoes ☐ 07 Consultants ☐ 08 Dues/Fees/Permits ☐ 09 Excavation ☐ 10 Filing ☐ 11 Fleet Fuel ☐ 12 Fleet Leasing ☐ 13 Freight/Fed ex/UPS/Postage ☐ 14 Government/Municipality ☐ 15 Hotels/Lodging ☐ 16 HR/Medical/Workman Comp	☐ 17 Incentive/Marketing Program ☐ 18 Inspection/Insurance ☐ 19 Legal Professional Services ☐ 20 Legal/Settlement/Claim ☐ 21 Marketer Bill ☐ 22 Materials/Equipment Rental ☐ 23 Messenger/Courier/LIMO ☐ 24 Natural Gas/Energy Purchases	☐ 25 Outside Services (not consulting) ☐ 26 Parking ☐ 27 Payments on behalf of LIPA ☐ 28 Police/Sheriffs/Marshals ☐ 29 Real Estate Rentals/Lessors ☐ 30 Rebate Program ☐ 31 Refund/Adjust/Reimburse ☐ 32 R&D Initiative	☐ 33 Subscription ☐ 34 Summons/DW/Tolls ☐ 35 Tax Payments/Assessments ☐ 36 Training/Registration/Seminar ☐ 37 Utility/Telephone/Water/Air ☐ 38 Other-Exception must be approved by AP ☐ 39 Permits ☐ 40 Satisfaction
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*Sales tax paid for these services/materials

Forward to: Accounts Payable, C1, Syracuse for Processing

 Capgemini CONSULTING TECHNOLOGY OUTSOURCING		Please include Invoice and Engagement Number on all remittances.	
Tax ID 22-3712959		Transaction Type INV	Invoice Number 8104011012385
Client Name: National Grid			Transaction Date 30-Sept-10
Bill To: One Metrotech Center Brooklyn NY 11201-3850	Engagement Location: One Metrotech Center Brooklyn New York 11201-3850		Client PO Number
Client Billing Contact: Bill Bollbach	Bill Bollbach		Engagement Number 100047237
		Payment Terms: NET 15 DAYS	
		Remit to:	
		Physical Checks:	Wire Payments:
Engagement Manager: Barbara Spitzer		Capgemini US LLC Lockbox 98836 Chicago, IL 60693	Bank of America, Dallas, TX ABA #0260-0959-3 Capgemini US LLC Acct # 3751523574 Swift # BOFAUS6S
Line	Invoice Line Description	Line Amount	
1	Fixed Fees for Project Marlborough - Phase 1 - High Level Design (7 Weeks)	\$284,657	
2	Expenses Incurred by the team (Invoice doesn't contain all the expenses related to this project, pending expenses will be invoiced separately)	\$25,736.17	
TAX			
TOTAL Invoice Amount		\$310,393.17	
For questions regarding this invoice, please contact: Vinay H Kumar at (281) 220-5164 - Vinay.Kumar@Capgemini.com			
Client Copy		0000010408	

**PA Consulting
Group**

1700 Lincoln Street
Suite 4600
Denver, CO 80203
Tel: +1 720 566 9820
Fax: +1 720 566 9680
www.paconsulting.com

July 20, 2011

National Grid
Attn: Accounts Payable
300 Erie Blvd. West
Syracuse, NY 13202-4250

**Re: Cost Allocation Review
Project Code: NGRI0195S
Purchase Order Number: 146483**

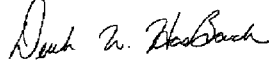
Accounts Payable:

Please find the enclosed invoice in the amount of \$76,420.53 for fees and expenses related to the Cost Allocation Review project, purchase order number 146483.

We ask that you please pay by wire transfer or ACH deposit. Please note that instructions are on the bottom right hand side of the invoice.

If you have any questions or concerns regarding this invoice, please feel free to contact me directly at (617) 252-0163.

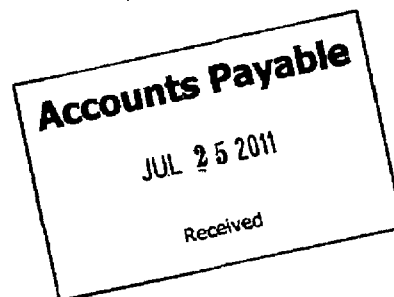
Sincerely,



Derek HasBrouck
Member of PA's Management Group

Enclosures: Invoice 10017674

CC: Michael Giblin
40 Sylvan Road
Waltham, MA 02451



Invoice

Invoice No. 10017674
Assignment No NGR10195S
Date 20-Jul-11

National Grid
40 Sylvan Road
Waltham, MA 02451

PA Consulting Group

10 Canal Park
4th Floor
Cambridge, MA 02141

Telephone: +1 617 225 2700
Facsimile: +1 617 225 2631

Tax ID No. 22-2287449

PO #146483

Cost Allocation Review
Purchase Order No. 146483

Professional Fees
For the 6 - week period from 23-May-11 through 01-Jul-11
Other Costs
Including expenses associated with travel and accommodation
Administration Charge

US\$	68,320.00
US\$	5,367.73
US\$	2,732.80
US\$	<u>76,420.53</u>

Amount US\$ 76,420.53
Invoice No. 10017674
Assignment No NGR10195S
Date 20-Jul-11

Michael Giblin

Client A/C US4600300293

National Grid
40 Sylvan Road
Waltham, MA 02451

Remittance Advice
Payment due as of the date of this invoice
Bank of America
8300 Greensboro Drive, Suite 550
McLean, VA 22102
ABA #051-000-017 (ACH/EFT payments)
ABA # 026-009-593 (Wire Transfers)
Swift Code BOFAUS3N
PA Consulting Group, Inc.
Account Number: 004112859381

Alternatively checks should be sent to:

PA Consulting Group, Inc.
P.O. Box 406301
Atlanta, GA 30384-6301

If you have any questions regarding this invoice please notify D HasBrouck within 10 days of receipt. The Company reserves the right to charge interest on all fees, costs and charges that remain unpaid for a period of 30 days after presentation of the invoice.

**PA Consulting
Group**

1700 Lincoln Street
Suite 4600
Denver, CO 80203

Tel: +1 720 566 9920
Fax: +1 720 566 9680
www.paconsulting.com

August 19, 2011

National Grid
Attn: Accounts Payable
300 Erie Blvd. West
Syracuse, NY 13202-4250

**Re: Cost Allocation Review
Project Code: NGR10195S
Purchase Order Number: 146483**

Accounts Payable:

Please find the enclosed invoice in the amount of \$64,329.38 for fees and expenses related to the Cost Allocation Review project, purchase order number 146483.

We ask that you please pay by wire transfer or ACH deposit. Please note that instructions are on the bottom right hand side of the invoice.

If you have any questions or concerns regarding this invoice, please feel free to contact me directly at (617) 252-0163.

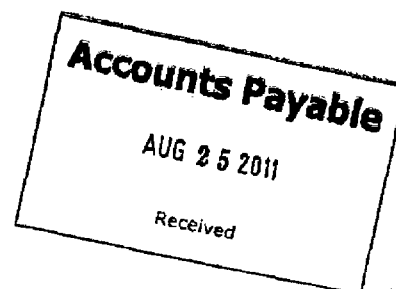
Sincerely,



Derek HasBrouck
Member of PA's Management Group

Enclosures: Invoice 10017784

CC: Michael Giblin
40 Sylvan Road
Waltham, MA 02451



Invoice

Invoice No. 10017784
Assignment No NGRI0195S
Date 19-Aug-11

National Grid
40 Sylvan Road
Waltham, MA 02451

PA Consulting Group

10 Canal Park
4th Floor
Cambridge, MA 02141

Telephone: +1 617 225 2700
Facsimile: +1 617 225 2631

Tax ID No. 22-2287449

PO #146483

Cost Allocation Review
Purchase Order No. 146483

Professional Fees
For the 4 - week period from 04-Jul-11 through 29-Jul-11
Other Costs
Including expenses associated with travel and accommodation
Administration Charge

US\$	55,480.00
US\$	6,630.18
US\$	2,219.20
US\$	<u>64,329.38</u>

Amount US\$ 64,329.38
Invoice No. 10017784
Assignment No NGRI0195S
Date 19-Aug-11

Michael Glibin

Client A/C US4800300293

National Grid
40 Sylvan Road
Waltham, MA 02451

Remittance Advice
Payment due as of the date of this invoice
Bank of America
8300 Greensboro Drive, Suite 550
McLean, VA 22102
ABA #051-000-017 (ACH/EFT payments)
ABA # 026-009-593 (Wire Transfers)
Swift Code BOFAUS3N
PA Consulting Group, Inc.
Account Number: 004112859381

Alternatively checks should be sent to:

PA Consulting Group, Inc.
P.O. Box 408301
Atlanta, GA 30384-6301

If you have any questions regarding this invoice please notify D HasBrouck within 10 days of receipt. The Company reserves the right to charge interest on all fees, costs and charges that remain unpaid for a period of 30 days after presentation of the invoice.

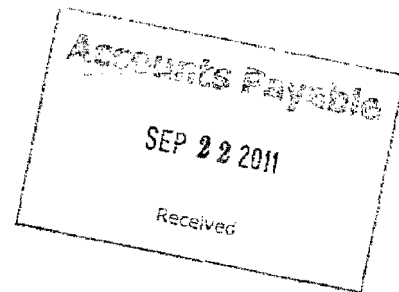
**PA Consulting
Group**

1700 Lincoln Street
Suite 4600
Denver, CO 80203

Tel: +1 720 566 9920
Fax: +1 720 566 9680
www.paconsulting.com

September 19, 2011

National Grid
Attn: Accounts Payable
300 Erie Blvd. West
Syracuse, NY 13202-4250



**Re: Cost Allocation Review
Project Code: NGRI0195S
Purchase Order Number: 146483**

Accounts Payable:

Please find the enclosed invoice in the amount of \$76,022.89 for fees and expenses related to the Cost Allocation Review project, purchase order number 146483.

We ask that you please pay by wire transfer or ACH deposit. Please note that instructions are on the bottom right hand side of the invoice.

If you have any questions or concerns regarding this invoice, please feel free to contact me directly at (617) 252-0163.

Sincerely,

A handwritten signature in cursive script, appearing to read "Derek W. HasBrouck".

Derek HasBrouck
Member of PA's Management Group

Enclosures: Invoice 10017900

CC: Michael Giblin
40 Sylvan Road
Waltham, MA 02451

Invoice

Invoice No. 10017900
Assignment No NGRI0195S
Date 19-Sep-11

National Grid
40 Sylvan Road
Waltham, MA 02451

PA Consulting Group

10 Canal Park
4th Floor
Cambridge, MA 02141

Telephone: +1 617 225 2700
Facsimile: +1 617 225 2631

Tax ID No. 22-2287449

PO #146483

Cost Allocation Review
Purchase Order No. 146483

Professional Fees
For the 4 - week period from 01-Aug-11 through 26-Aug-11
Other Costs
Including expenses associated with travel and accommodation
Administration Charge

US\$	69,335.00
US\$	3,914.49
US\$	2,773.40
US\$	<u>76,022.89</u>

Amount US\$ 76,022.89
Invoice No. 10017900
Assignment No NGRI0195S
Date 19-Sep-11

Michael Giblin

Client A/C US4600300293

National Grid
40 Sylvan Road
Waltham, MA 02451

Remittance Advice
Payment due as of the date of this invoice
Bank of America
6300 Greensboro Drive, Suite 550
McLean, VA 22102
ABA #051-000-017(ACH/EFT payments)
ABA # 026-009-593 (Wire Transfers)
Swift Code BOFAUS3N
PA Consulting Group, Inc.
Account Number: 004112859381

Alternatively checks should be sent to:

PA Consulting Group, Inc.
P.O. Box 406301
Atlanta, GA 30384-6301

If you have any questions regarding this invoice please notify D HasBrouck within 10 days of receipt. The Company reserves the right to charge interest on all fees, costs and charges that remain unpaid for a period of 30 days after presentation of the invoice.

**PA Consulting
Group**

1700 Lincoln Street
Suite 4600
Denver, CO 80203
Tel: +1 720 566 8920
Fax: +1 720 566 9680
www.paconsulting.com

October 3, 2011

National Grid
Attn: Accounts Payable
300 Erie Blvd. West
Syracuse, NY 13202-4250

**Re: Cost Allocation Review
Project Code: NGR10195S
Purchase Order Number: 146483**

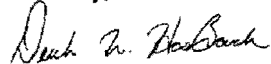
Accounts Payable:

Please find the enclosed invoice in the amount of \$63,887.84 for fees and expenses related to the Cost Allocation Review project, purchase order number 146483.

We ask that you please pay by wire transfer or ACH deposit. Please note that instructions are on the bottom right hand side of the invoice.

If you have any questions or concerns regarding this invoice, please feel free to contact me directly at (617) 252-0163.

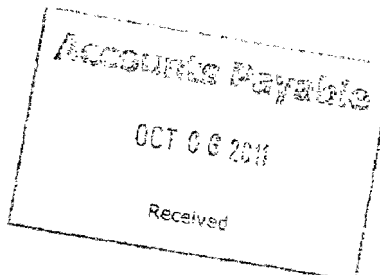
Sincerely,



Derek HasBrouck
Member of PA's Management Group

Enclosures: Invoice 10017961

CC: Michael Giblin
40 Sylvan Road
Waltham, MA 02451



Invoice

Invoice No. 10017961
Assignment No NGR10195S
Date 03-Oct-11

National Grid
40 Sylvan Road
Waltham, MA 02451

PA Consulting Group

10 Canal Park
4th Floor
Cambridge, MA 02141

Telephone: +1 617 225 2700
Facsimile: +1 617 225 2631

Tax ID No. 22-2287449

PO #146483

Cost Allocation Review
Purchase Order No. 146483

Professional Fees
For the 5 - week period from 29-Aug-11 through 30-Sep-11
Other Costs
including expenses associated with travel and accommodation
Administration Charge

US\$	58,630.00
US\$	2,912.64
US\$	2,345.20
US\$	<u>63,887.84</u>

Amount US\$ 63,887.84
Invoice No. 10017961
Assignment No NGR10195S
Date 03-Oct-11

Michael Giblin

Client A/C US4600300293

National Grid
40 Sylvan Road
Waltham, MA 02451

Remittance Advice
Payment due as of the date of this invoice
Bank of America
8300 Greensboro Drive, Suite 550
McLean, VA 22102
ABA #051-000-017 (ACH/EFT payments)
ABA # 026-009-593 (Wire Transfers)
Swift Code BOFAUS3N
PA Consulting Group, Inc.
Account Number: 004112859381

Alternatively checks should be sent to:

PA Consulting Group, Inc.
P.O. Box 406301
Atlanta, GA 30384-6301

If you have any questions regarding this invoice please notify D HasBrouck within 10 days of receipt. The Company reserves the right to charge interest on all fees, costs and charges that remain unpaid for a period of 30 days after presentation of the invoice.



1700 Lincoln Street
Suite 4600
Denver, CO 80203
Tel: +1 720 566 9920
Fax: +1 720 566 9680
www.paconsulting.com

November 7, 2011

National Grid
Attn: Accounts Payable
300 Erie Blvd. West
Syracuse, NY 13202-4250

Re: Cost Allocation Review
Project Code: NGRI0195S
Purchase Order Number: 146483

Accounts Payable:

Please find the enclosed invoice in the amount of \$38,314.16 for fees and expenses related to the Cost Allocation Review project, purchase order number 146483.

We ask that you please pay by wire transfer or ACH deposit. Please note that instructions are on the bottom right hand side of the invoice.

If you have any questions or concerns regarding this invoice, please feel free to contact me directly at (617) 252-0163.

Sincerely,

A handwritten signature in cursive script, appearing to read "Derek W. HasBrouck".

Derek HasBrouck
Member of PA's Management Group

Enclosures: Invoice 10018117

CC: Michael Giblin
40 Sylvan Road
Waltham, MA 02451

Accounts Payable

NOV 10 2011

Received

Invoice

Invoice No. 10018117
Assignment No NGR10195S
Date 07-Nov-11

National Grid
40 Sylvan Road
Waltham, MA 02451

PA Consulting Group

10 Canal Park
4th Floor
Cambridge, MA 02141

Telephone: +1 617 225 2700
Facsimile: +1 617 225 2631

Tax ID No. 22-2287449

PO #146483

Cost Allocation Review
Purchase Order No. 146483

Professional Fees
For the 4 - week period from 03-Oct-11 through 28-Oct-11
Other Costs
Including expenses associated with travel and accommodation
Administration Charge

US\$	35,170.00
US\$	1,737.36
US\$	1,406.80
US\$	<u>38,314.16</u>

Amount US\$ 38,314.16
Invoice No. 10018117
Assignment No NGR10195S
Date 07-Nov-11

Michael Gblin

Client A/C US4600300293

National Grid
40 Sylvan Road
Waltham, MA 02451

Remittance Advice
Payment due as of the date of this invoice
Bank of America
8300 Greensboro Drive, Suite 550
McLean, VA 22102
ABA #051-000-017 (ACH/EFT payments)
ABA # 026-009-593 (Wire Transfers)
Swift Code BOFAUS3N
PA Consulting Group, Inc.
Account Number: 004112859381

Alternatively checks should be sent to:

PA Consulting Group, Inc.
P.O. Box 406301
Atlanta, GA 30384-6301

If you have any questions regarding this invoice please notify D HasBrouck within 10 days of receipt. The Company reserves the right to charge interest on all fees, costs and charges that remain unpaid for a period of 30 days after presentation of the invoice.

RUSH

PAYMENT REQUEST

Due Date: 05/02/11

REQUEST

[illegible]

NGCS44 (08.10)

Forward to: Accounts Payable, C1, Syracuse for Processing

STATE OF NEW YORK DEPARTMENT OF PUBLIC SERVICE
THREE EMPIRE STATE PLAZA, ALBANY, NY 12223-1350
www.dps.state.ny.us

PUBLIC SERVICE COMMISSION

GARRY A. BROWN
Chairman
PATRICIA L. ACAMPORA
MAUREEN F. HARRIS
ROBERT R. CURRY JR.
JAMES L. LARocca
Commissioners



PETER McGOWAN
General Counsel

JACLYN A. BRILLING
Secretary

April 6, 2011

Peter Kolinstam
Project Manager
National Grid
40 Sylvan Rd
Waltham, MA 02451

Dear Mr. Kolinstam:

I have reviewed Overland Consulting's Invoices Number 854 and Number 855 for the period March, 2011 in the amount \$45,336.46, with a 15% Fee Retention (\$5984.25), for a due Invoice Total of \$39,352.21 (attached) and have found the fees and expenses to be reasonable, necessary and correct and billed in accordance with the provisions of "Case 10-M-0451 - Proceeding on Motion of the Commission to Investigate National Grid Affiliate Cost Allocations, Policies and Procedures." You are therefore authorized to pay Overland Consulting \$39,352.21.

If you have any questions or concerns regarding the billed charges, please do not hesitate to contact me at 518.473.8149.

Sincerely,

A handwritten signature in black ink, appearing to read "JR-James".

Jeremy Routhier-James
Project Manager

cc: Howard Lubow



OVERLAND CONSULTING

11551 Ash Street, Suite 215 • Leawood, Kansas 66211 • 913/599-3323 Fax: 913/495-9909

April 4, 2011

Mr. Jeremy Routhier-James
State of New York Department of Public Service
3 Empire State Plaza
Albany, NY 12223-1350

Re: Invoice for March 2011

Dear Mr. Routhier-James:

Consulting services related to Audit of National Grid's Affiliate Cost Allocations, Policies and Procedures, Case 10-M-0451. I certify that the below charges are correct and just, are billed in accordance with the Agreement, have not previously been billed except as indicated and that payment therefore has been heretofore not been received.

Services	Hours	Rate	Total	WriteOff	Total Due
Howard Lubow	65.00	275.00	17,875.00	0.00	17,875.00
Gregory Oetting	37.00	210.00	7,770.00	0.00	7,770.00
Ryan Pfaff	39.00	150.00	5,850.00	0.00	5,850.00
Robert Welchlin	40.00	210.00	8,400.00	0.00	8,400.00
Total Services	181.00		39,895.00	0.00	39,895.00

If you have any questions regarding our invoice, please contact me.

Sincerely,

OC RESOURCES, INC.

Howard E. Lubow
President

OCI Resources, Inc.

11551 Ash Street
Suite 215
Leawood, KS 66211

Invoice

DATE	INVOICE NO.
4/4/2011	854

BILL TO

Mr. Jeremy Routhier-James
State of New York DPS
3 Empire State Plaza
Albany, NY 12223-1350

FOR PROFESSIONAL SERVICES RENDERED	AMOUNT
Consulting for March 2011	39,895.00
15% Retainage	-5,984.25
Due upon receipt	Total \$33,910.75



OVERLAND CONSULTING

11551 Ash Street, Suite 215 • Leawood, Kansas 66211 • 913/599-3323 Fax: 913/495-9909

April 4, 2011

Mr. Jeremy Routhier-James
State of New York Department of Public Service
3 Empire State Plaza
Albany, NY 12223-1350

Re: Invoice for March 2011

Dear Mr. Routhier-James:

Expenses incurred in connection with the Audit of National Grid's Affiliate Cost Allocations, Policies and Procedures, Case 10-M-0451. I certify that the below charges are correct and just, are billed in accordance with the Agreement, have not previously been billed except as indicated and that payment therefore has been heretofore not been received.

Expenses	Total	WriteOff	Total Due
E-Airfare	1,056.60	0.00	1,056.60
E-Car/Cab	100.00	-35.00	65.00
E-Hotel	3,349.28	0.00	3,349.28
E-Mileage	80.58	0.00	80.58
E-Parking	165.00	0.00	165.00
E-Per Diem	725.00	0.00	725.00
Total Expenses	5,476.46	-35.00	5,441.46

If you have any questions regarding our invoice, please contact me.

Sincerely,

OCI RESOURCES, INC.

Howard E. Lubow
President

OCI Resources, Inc.

11551 Ash Street
Suite 215
Leawood, KS 66211

Invoice

DATE	INVOICE NO.
4/4/2011	855

BILL TO
Mr. Jeremy Roethier-James State of New York DPS 3 Empire State Plaza Albany, NY 12223-1350

FOR PROFESSIONAL SERVICES RENDERED	AMOUNT
Expenses for March 2011	\$5,441.46
Due upon receipt	Total \$5,441.46

nationalgrid

PAYMENT REQUEST

Date: 05/11/11

Due Date: 05/18/11

Check one method of payment:

☒ CHECK	☐ ACH	☐ WIRE
Check Stub Message: (maximum limit of 70 characters) Overland Consulting Invoice (s): 856 & 857 Case 10-M-0451 Separate check ☐ Y ☐ N Mail check to Payee ☐ Y ☐ N OR Mail check to internal location: Amy Bebington 40 Sylvan Road, Waltham, MA 01841	Bank _____ Routing # _____ Acct # _____ Accounts Payable MAY 17 2011 Received	Electronic Transfer # _____ Originating Routing # _____ Acct # _____ Recipient Routing # _____ Acct # _____ Reference Information for beneficiary _____ _____

Location of Service (Required information for all requests): City: <u>Albany</u> State: <u>NY</u> Zip: _____	Wired by: _____ Date: _____ Value date: _____ Authorized by: _____
--	---

VENDOR INFORMATION			
PLEASE ISSUE PAYMENT AS FOLLOWS (Check one) ☒ Peoplesoft ☐ Oracle		Vendor No. <u>257425</u> Federal Tax No. or SS # _____	
Payable to (Name) <u>Overland Consulting</u>		Paying Company <u>Service Company - 00099</u>	
Address <u>11551 Ash Street, Suite 215, Leawood, KS 66211</u>		Invoice # <u>856 / 857</u> Amount <u>\$45,644.50</u>	
In Payment of: (Reason for check) <u>Payment to Overland Consulting for invoice #s 856/857 regarding Case # 10-M-0451</u>			

Business	Activity	Work Order	Expense	Orig	Charge	Bill Pool	Segment	Orig	Amount
00099	AG0085		100	25750	25750	00396			\$45,644.50

Rec. Company	Rec. Cost Center	Activity	Cost Type	GL Acct	Project	Prov. Cost Center	Prov. Company	Amount

Approved Name (Print) <u>Lisa Crutchfield</u>	Signature 	Computer ID # (Print) <u>100054831</u>
Prepared Name (Print) <u>Amanda Downey</u>	Signature 	Phone Number <u>(781) 907-2136</u>

NON-PURCHASE ORDER CATEGORY (Required for check one)			
☐ 01 Advertising ☐ 02 Awards/Gifts ☐ 03 Bank/Accounting Agency ☐ 04 Catering ☐ 05 Charitable/Spousalship ☐ 06 Clothing/Accessory Items ☐ 07 Conferences ☐ 08 Dues/Fees/Permits ☐ 09 Examinations ☐ 10 Flagging ☐ 11 Fleet Fuel ☐ 12 Fleet Leasing ☐ 13 Freight/Fuel and UPS/Postage ☐ 14 Government/Municipality ☐ 15 Hotel/Lodging ☐ 16 HR/Medical/Workman Comp ☐ 17 Incentive/Marketing Program ☐ 18 Inspection/Insurance ☐ 19 Legal/Professional Services ☐ 20 Legal/Settlement/Claim ☐ 21 Maintenance ☐ 22 Materials/Equipment Rental ☐ 23 Messenger/Bureau/LMO ☐ 24 Natural Gas/Energy Purchase ☐ 25 Outside Services (not consulting) ☐ 26 Parking ☐ 27 Payments on behalf of LIPA ☐ 28 Police/Security/Marshals ☐ 29 Real Estate Rentals/Leases ☐ 30 Release Program ☐ 31 Refund/Adjust/Reimburse ☐ 32 RMO Initiative ☐ 33 Subscription ☐ 34 Summons/DWI/Tolls ☐ 35 Tax Payments/Assessments ☐ 36 Training/Registration/Seminar ☐ 37 Utility/Telephone/Water/Sewer ☐ 38 Other-Exception must be approved by AP ☐ 39 Permits ☐ 40 Satisfaction	*Sales tax paid for these services/materials Forward to: Accounts Payable, C1, Syracuse for Processing		

NG0344 (06.10)

STATE OF NEW YORK DEPARTMENT OF PUBLIC SERVICE
THREE EMPIRE STATE PLAZA, ALBANY, NY 12223-1350

www.dps.state.ny.us

PUBLIC SERVICE COMMISSION

GARRY A. BROWN
Chairman
PATRICIA L. ACAMPORA
MAUREEN F. HARRIS
ROBERT E. CURRY JR.
JAMES L. LAROCCA
Commissioners



PETER McGOWAN
General Counsel

JACLYN A. BRILLING
Secretary

May 5, 2011

Peter Kohnstam
Project Manager
National Grid
40 Sylvan Rd
Waltham, MA 02451

Dear Mr. Kohnstam:

I have reviewed Overland Consulting's Invoice Numbers 856 and 857 for the period April, 2011 in the amount \$53,569.00, with a 15% Fee Retention (\$7924.50), for a due Invoice Total of \$45,644.50 (attached) and have found the fees and expenses to be reasonable, necessary and correct and billed in accordance with the provisions of "Case 10-M-0451 - Proceeding on Motion of the Commission to Investigate National Grid Affiliate Cost Allocations, Policies and Procedures." You are therefore authorized to pay Overland Consulting \$45,644.50.

If you have any questions or concerns regarding the billed charges, please do not hesitate to contact me at 518.473.8149.

Sincerely,

A handwritten signature in black ink, appearing to read "JR-James".

Jeremy Routhier-James
Project Manager

cc: Howard Lubow



OVERLAND CONSULTING

11551 Ash Street, Suite 215 • Leawood, Kansas 66211 • 913/599-3323 Fax: 913/495-9909

May 4, 2011

Mr. Jeremy Routhier-James
State of New York Department of Public Service
3 Empire State Plaza
Albany, NY 12223-1350

Re: Invoice for April 2011

Dear Mr. Routhier-James:

Consulting services related to Audit of National Grid's Affiliate Cost Allocations, Policies and Procedures, Case 10-M-0451. I certify that the below charges are correct and just, are billed in accordance with the Agreement, have not previously been billed except as indicated and that payment therefore has been heretofore not been received.

Services	Hours	Rate	Total	WriteOff	Total Due
Chad Epps	29.00	150.00	4,350.00	0.00	4,350.00
Howard Lubow	24.00	275.00	6,600.00	0.00	6,600.00
Gregory Oetting	39.50	210.00	8,295.00	0.00	8,295.00
Steven Ostrover	8.25	250.00	2,062.50	0.00	2,062.50
Ryan Pfaff	161.50	150.00	24,225.00	0.00	24,225.00
Robert Welchlin	34.75	210.00	7,297.50	0.00	7,297.50
Total Services	297.00		52,830.00	0.00	52,830.00

If you have any questions regarding our invoice, please contact me.

Sincerely,

OCI RESOURCES, INC.

Howard E. Lubow
President

OCI Resources, Inc.
11551 Ash Street
Suite 215
Leawood, KS 66211

Invoice

DATE	INVOICE NO.
5/4/2011	856

BILL TO
Mr. Jeremy Routhier-James State of New York DPS 3 Empire State Plaza Albany, NY 12223-1350

FOR PROFESSIONAL SERVICES RENDERED		AMOUNT
Consulting for April 2011		52,830.00
15% Retainage		-7,924.50
Due upon receipt		
Total		\$44,905.50



OVERLAND CONSULTING

11551 Ash Street, Suite 215 • Leawood, Kansas 66211 • 913/599-3323 Fax: 913/495-9909

May 4, 2011

Mr. Jeremy Routhier-James
State of New York Department of Public Service
3 Empire State Plaza
Albany, NY 12223-1350

Re: Invoice for April 2011

Dear Mr. Routhier-James:

Expenses incurred in connection with the Audit of National Grid's Affiliate Cost Allocations, Policies and Procedures, Case 10-M-0451. I certify that the below charges are correct and just, are billed in accordance with the Agreement, have not previously been billed except as indicated and that payment therefore has been heretofore not been received.

Expenses	Total	WriteOff	Total Due
E-Airfare	396.10	0.00	396.10
E-Car/Cab	140.24	0.00	140.24
E-Hotel	102.66	0.00	102.66
E-Per Diem	100.00	0.00	100.00
Total Expenses	739.00	0.00	739.00

If you have any questions regarding our invoice, please contact me.

Sincerely,

OCI RESOURCES, INC.

Howard E. Lubow
President

OCI Resources, Inc.
11551 Ash Street
Suite 215
Leawood, KS 66211

Invoice

DATE	INVOICE NO.
5/4/2011	857

BILL TO
Mr. Jeremy Routhier-James State of New York DPS 3 Empire State Plaza Albany, NY 12223-1350

FOR PROFESSIONAL SERVICES RENDERED		AMOUNT
Expenses		739.00
Due upon receipt		Total \$739.00



OVERLAND CONSULTING

11551 Ash Street, Suite 215 • Leawood, Kansas 66211 • 913/599-3323 Fax: 913/495-8909

May 4, 2011

Mr. Jeremy Routhier-James
State of New York Department of Public Service
3 Empire State Plaza
Albany, NY 12223-1350

Re: Invoice for April 2011

Dear Mr. Routhier-James:

Expenses incurred in connection with the Audit of National Grid's Affiliate Cost Allocations, Policies and Procedures, Case 10-M-0451. I certify that the below charges are correct and just, are billed in accordance with the Agreement, have not previously been billed except as indicated and that payment therefore has been heretofore not been received.

Expenses	Total	WriteOff	Total Due
E-Airfare	396.10	0.00	396.10
E-Car/Cab	140.24	0.00	140.24
E-Hotel	102.66	0.00	102.66
E-Per Diem	100.00	0.00	100.00
Total Expenses	739.00	0.00	739.00

If you have any questions regarding our invoice, please contact me.

Sincerely,

OCI RESOURCES, INC.

Howard E. Lubow
President

Expenses are for a new member of Overland's team, based in California, to fly to Kansas. Per discussion with legal, the expense has been approved, but we will monitor this type of unusual expense (not directly related to site visits). JP

OCI Resources, Inc.
11551 Ash Street
Suite 215
Leawood, KS 66211

Invoice

DATE	INVOICE NO.
5/4/2011	857

BILL TO
Mr. Jeremy Routhier-James State of New York DPS 3 Empire State Plaza Albany, NY 12223-1350

FOR PROFESSIONAL SERVICES RENDERED	AMOUNT
Expenses	739.00
Due upon receipt	
Total	\$739.00

Overland Consulting - Invoice Detail

04-May-11

New York NatlGridExp

Time/Exp	Name	Date	Code	Description	Hours/Amount	Rate	Subtotal	Write Off	Total
Expense	Ostrove	4/30/2011	E-Airfare	Trip to KC - 4/29-5/1	396.10		396.10	0.00	396.10
		4/30/2011	E-Car/Cab	Trip to KC - 4/29-5/1	140.24		140.24	0.00	140.24
		4/30/2011	E-Hotel	Trip to KC - 4/29-5/1	102.66		102.66	0.00	102.66
		4/30/2011	E-Per Di	Trip to KC - 4/29-5/1 - 2 days @ \$50	100.00		100.00	0.00	100.00
				Ostrove	739.00		739.00	0.00	739.00
				Expense	739.00		739.00	0.00	739.00
				Grand Total:			739.00	0.00	739.00

nationalgrid

RUSH

PAYMENT REQUEST

Date: 06/06/11

Due Date: 06/14/11

Check one method of payment.

☒ CHECK	☐ ACH	☐ WIRE
Check Stub Message: (maximum limit of 70 characters) Overland Consulting Invoice(s): 861 & 862 Case 10-M-0451 Separate check ☐ Y ☐ N Mail check to Payee ☐ Y ☒ N OR Mail check to internal location: Amy Bebington 40 Sylvan Road, Waltham, MA 01841	Bank _____ Routing # _____ Acct # _____ JUN 09 2011 Received _____	Electronic Transfer # _____ Originating Routing # _____ Acct # _____ Recipient Routing # _____ Acct # _____ Reference information for beneficiary _____
Location of Service (Required information for all requests): City: Albany State: NY Zip: _____		Wired by: _____ Date: _____ Value date: _____ Authorized by: _____

VENDOR INFORMATION

PLEASE ISSUE PAYMENT AS FOLLOWS (Check one) ☒ Peoplesoft ☐ Oracle

Payable to (Name) Overland Consulting	Vendor No. 257425	Federal Tax No. or SS #
Address 11551 Ash Street, Suite 215, Leawood, KS 86211	Paying Company Service Company - 00099	
In Payment of: (Reason for check) Payment to Overland Consulting for invoice #'s 861/862 regarding Case # 44	Invoice # 861 / 862	Amount \$65,903.80

Peoplesoft Accounting

Business	Activity	Work Order	Expense	Orig	Charge	Bill Pool	Segment	Order	Amount
00099	AG0065		160	25750	25750	00396			\$65,903.80

Oracle Accounting

Rec. Company	Rec. Cost Center	Activity	Cost Type	GL Acct	Project	Prov. Cost Center	Prov. Company	Amount

Approved by Name (Print)	Signature	Printed Name (When User ID is Empty)
Lisa Crutchfield		100054831
Prepared by Name (Print)	Signature	Phone Number
Amanda Downey		(781) 907-2138

NON-PURCHASE ORDER CATEGORY (Required for check one)

- | | | |
|---|--|---|
| ☐ 01 Advertising
☐ 02 Awards/Gifts
☐ 03 Back/Escrow/Rating Agency
☐ 04 Catering
☐ 05 Charitable/Sponsorship
☐ 06 Clothing/Battery Shoes
☐ 07 Consultants
☐ 08 Dues/Fees/Permits
☐ 09 Elevators
☐ 10 Flagging
☐ 11 Fleet Fuel
☐ 12 Fleet Leasing
☐ 13 Freight/Fuel av/UPS/Postage
☐ 14 Government/Municipality
☐ 15 Hotel/Lodging
☐ 16 HR/Manpower/Workman Comp | ☐ 17 Location/Marketing Programs
☐ 18 Inspection/Assessment
☐ 19 Legal/Professional Services
☐ 20 Legal/Settlement/Claim
☐ 21 Marketing Bill
☐ 22 Materials/Equipment Rental
☐ 23 Membership/Concert/LHO
☐ 24 Rental Self-Storage Purchases | ☐ 25 Outside Services (not consulting)
☐ 26 Parking
☐ 27 Payments on behalf of LPA
☐ 28 Police/Security/Marshals
☐ 29 Real Estate Rentals/Leases
☐ 30 Rebate Program
☐ 31 Refund/Project/Reimburse
☐ 32 R&D Initiative
☐ 33 Subscription
☐ 34 Surveys/DMA/Tolls
☐ 35 Tax Payments/Assessments
☐ 36 Training/Registration/Seminar
☐ 37 Utility/Telephone/Water/ADP
☐ 38 Other-Exception must be approved by AP
☐ 39 Permits
☐ 40 Satisfaction |
|---|--|---|

*Sales tax paid for these services/materials

Forward to: Accounts Payable, C1, Syracuse for Processing

NG0344 (06.10)

STATE OF NEW YORK DEPARTMENT OF PUBLIC SERVICE
THREE EMPIRE STATE PLAZA, ALBANY, NY 12223-1350
www.dps.state.ny.us

PUBLIC SERVICE COMMISSION

GARRY A. BROWN
Chairman
PATRICIA L. ACAMPORA
MAUREEN F. HARRIS
ROBERT E. CURRY JR.
JAMES L. LARocca
Commissioners



PETER MCGOWAN
General Counsel

JACLYN A. BRILLING
Secretary

June 3, 2011

Peter Kohnstam
Project Manager
National Grid
40 Sylvan Rd
Waltham, MA 02451

Dear Mr. Kohnstam:

I have reviewed Overland Consulting's Invoice Numbers 861 and 862 for the period May, 2011 in the amount \$76,884.55, with a 15% Fee Retention (\$10,980.75), for a due Invoice Total of \$65,903.80 (attached) and have found the fees and expenses to be reasonable, necessary and correct and billed in accordance with the provisions of "Case 10-M-0451 - Proceeding on Motion of the Commission to Investigate National Grid Affiliate Cost Allocations, Policies and Procedures." You are therefore authorized to pay Overland Consulting \$65,903.80.

If you have any questions or concerns regarding the billed charges, please do not hesitate to contact me at 518.473.8149.

Sincerely,

A handwritten signature in black ink, appearing to read "J. R. James".

Jeremy Routhier-James
Project Manager

cc: Howard Lubow



OVERLAND CONSULTING

11551 Ash Street, Suite 215 • Leawood, Kansas 66211 • 913/599-3323 Fax: 913/495-9909

June 1, 2011

Mr. Jeremy Routhier-James
State of New York Department of Public Service
3 Empire State Plaza
Albany, NY 12223-1350

Re: Invoice for May 2011

Dear Mr. Routhier-James:

Consulting services related to Audit of National Grid's Affiliate Cost Allocations, Policies and Procedures, Case 10-M-0451. I certify that the below charges are correct and just, are billed in accordance with the Agreement, have not previously been billed except as indicated and that payment therefore has been heretofore not been received.

Services	Hours	Rate	Total	WriteOff	Total Due
Chad Epps	2.00	150.00	300.00	0.00	300.00
Howard Labow	23.00	275.00	6,325.00	0.00	6,325.00
Gregory Oetting	124.00	210.00	26,040.00	0.00	26,040.00
Steven Ostrover	10.00	250.00	2,500.00	0.00	2,500.00
Ryan Pfaff	181.50	150.00	27,225.00	0.00	27,225.00
Robert Weichlin	51.50	210.00	10,815.00	0.00	10,815.00
Total Services	392.00		73,205.00	0.00	73,205.00

If you have any questions regarding our invoice, please contact me.

Sincerely,

OCI RESOURCES, INC.

Howard E. Labow
President

OCI Resources, Inc.
11551 Ash Street
Suite 215
Leawood, KS 66211

Invoice

DATE	INVOICE NO.
6/1/2011	861

BILL TO
Mr. Jeremy Routhier-James State of New York DPS 3 Empire State Plaza Albany, NY 12223-1350

FOR PROFESSIONAL SERVICES RENDERED	AMOUNT
Consulting for May 2011	73,205.00
15% Retainage	-10,980.75
Due upon receipt	Total \$62,224.25



OVERLAND CONSULTING

11551 Ash Street, Suite 215 • Leawood, Kansas 66211 • 913/599-3323 Fax: 913/495-9909

June 1, 2011

Mr. Jeremy Routhier-James
State of New York Department of Public Service
3 Empire State Plaza
Albany, NY 12223-1350

Re: Invoice for May 2011

Dear Mr. Routhier-James:

Expenses incurred in connection with the Audit of National Grid's Affiliate Cost Allocations, Policies and Procedures, Case 10-M-0451. I certify that the below charges are correct and just, are billed in accordance with the Agreement, have not previously been billed except as indicated and that payment therefore has been heretofore not been received.

Expenses	Total	WriteOff	Total Due
E-Airfare	1,329.30	0.00	1,329.30
E-Car/Cab	65.00	0.00	65.00
E-Hotel	1,735.47	0.00	1,735.47
E-Mileage	39.78	0.00	39.78
E-Parking	32.00	-32.00	0.00
E-Per Diem	510.00	0.00	510.00
Total Expenses	3,711.55	-32.00	3,679.55

If you have any questions regarding our invoice, please contact me.

Sincerely,

OCI RESOURCES, INC.

Howard E. Lubow
President

OCI Resources, Inc.
11551 Ash Street
Suite 215
Leawood, KS 66211

Invoice

DATE	INVOICE NO.
6/1/2011	862

BILL TO

Mr. Jeremy Rothier-James
State of New York DPS
3 Empire State Plaza
Albany, NY 12223-1350

FOR PROFESSIONAL SERVICES RENDERED		AMOUNT
Expenses - May 2011		3,679.55
Due upon receipt	Total	\$3,679.55

nationalgrid

RUSH

PAYMENT REQUEST

Date: 07/21/11

Due Date: 07/28/11

Check one method of payment.

☒ CHECK	☐ ACH	☐ WIRE
Check Stub Message: (maximum limit of 70 characters) Overland Consulting Invoice: 865 Case 10-M-0451 Separate check ☐ Y ☐ N Mail check to Payee ☐ Y ☒ N OR Mail check to internal location: Amy Babington 40 Sylvan Road, Waltham, MA 01841	Bank _____ Routing # _____ Acct # _____ Accounts Payable JUL 25 2011 Received	Electronic Transfer # _____ Originating Routing # _____ Apct # _____ Recipient Routing # _____ Acct # _____ Reference information for beneficiary _____

Location of Service (Required information for all requests):

City: Albany

State: NY Zip: 12223

Wired by: _____
 Date: _____
 Value date: _____
 Authorized by: _____

VENDOR INFORMATION

PLEASE ISSUE PAYMENT AS FOLLOWS (Check one) ☒ Peoplesoft ☐ Oracle

Payable to (Name): Overland Consulting Vendor No. 257425 Federal Tax No. or SS # _____

Address: 11651 Ash Street, Suite 215, Leawood, KS 66211 Paying Company: Service Company - 00099

In Payment of (Reason for check): Payment to Overland Consulting for invoice #'s 865 regarding Case # 10-M-0451 Invoice # 865 Amount \$84,912.87

Peoplesoft Accounting

Business	Activity	Work Order	Expense	Orig	Charge	Bill Pool	Segment	Orig	Amount
00099	AG0085		100	25750	25750	00398			\$84,912.87

Oracle Accounting

Rec. Company	Rec. Cost Center	Activity	Cost Type	Gl. Acct	Project	Prov. Cost Center	Prov. Company	Amount

Approver's Name (Print): Ron Gerwatowski Signature: *[Signature]* Peoplesoft Key: User ID: Emp # 100001214

Preparer's Name (Print): Amanda Downey Signature: *[Signature]* Phone Number: (761) 907-2136

NON-PURCHASE ORDER CATEGORY (Requestor check one)

☐ 01 Advertising	☐ 09 Examinations	☐ 17 Incentive/Marketing Program	☐ 25 Outside Services (not consulting)	☐ 33 Subscription
☐ 02 Awards/Bids	☐ 10 Flagging	☐ 18 Inspection/Assurance	☐ 26 Parking	☐ 34 Surveys/GIM/Tolls
☐ 03 Bank/Exchange Agency	☐ 11 Fleet Fuel	☐ 19 Legal Professional Services	☐ 27 Payments on behalf of LIPA	☐ 35 Tax Payments/Assessments
☐ 04 Catering	☐ 12 Fleet Leasing	☐ 20 Legal Settlement/Claim	☐ 28 Police/Security/Marshals	☐ 36 Training/Registration/Seminars
☐ 05 Charter/Sponsorship	☐ 13 Freight/Fed ex/UPS/Postage	☐ 21 Mariner Bill	☐ 29 Real Estate Rentals/Leases	☐ 37 Utility/Ratphone/Water/Gas
☐ 06 Clothing/Safety Shoes	☐ 14 Government/Municipality	☐ 22 Materials/Equipment Rental	☐ 38 Rebate Program	☐ 38 Other-Exception must be approved by AP
☐ 07 Consultants	☐ 15 Hotels/Lodging	☐ 23 Messenger/Courier/LMO	☐ 31 Refund/Adjust/Reimburse	☐ 39 Permits
☐ 08 Dues/Fees/Permits	☐ 16 HR/Medical/Workman Comp	☐ 24 Natural Gas/Energy Purchases	☐ 32 RAD Initiative	☐ 40 Satisfaction

*Rates for field for these services/materials

Forward to: Accounts Payable C1 Success for Processing

STATE OF NEW YORK DEPARTMENT OF PUBLIC SERVICE
THREE EMPIRE STATE PLAZA, ALBANY, NY 12223-1350
www.dps.state.ny.us

PUBLIC SERVICE COMMISSION

GARRY A. BROWN
Chairman
PATRICIA L. ACAMPORA
MAUREEN F. HARRIS
ROBERT E. CURRY JR.
JAMES L. LAROCCA
Commissioners



PETER MCGOWAN
General Counsel

JACLYN A. BRILLING
Secretary

July 14, 2011

Peter Kohnstam
Project Manager
National Grid
40 Sylvan Rd
Waltham, MA 02451

Dear Mr. Kohnstam:

I have reviewed Overland Consulting's Invoice Numbers 865 and 866 for the period June, 2011 in the amount \$109,572.77, with a 15% Fee Retention (\$14,984.63), for a due Invoice Total of \$94,588.14 (attached) and have found the fees and expenses to be reasonable, necessary and correct and billed in accordance with the provisions of "Case 10-M-0451 - Proceeding on Motion of the Commission to Investigate National Grid Affiliate Cost Allocations, Policies and Procedures." You are therefore authorized to pay Overland Consulting \$94,588.14.

If you have any questions or concerns regarding the billed charges, please do not hesitate to contact me at 518.473.8149.

Sincerely,

A handwritten signature in black ink, appearing to read "JR-James".

Jeremy Routhier-James
Project Manager

cc: Howard Lubow



OVERLAND CONSULTING

11551 Ash Street, Suite 215 • Leawood, Kansas 66211 • 913/598-3323 Fax: 913/495-9909

July 5, 2011

Mr. Jeremy Routhier-Jarvis
State of New York Department of Public Service
3 Empire State Plaza
Albany, NY 12223-1350

Re: Invoice for June 2011

Dear Mr. Routhier-Jarvis:

Consulting services related to Audit of National Grid's Affiliate Cost Allocations, Policies and Procedures, Case 10-M-0451. I certify that the below charges are correct and just, are billed in accordance with the Agreement, have not previously been billed except as indicated and that payment therefore has been heretofore not been received.

Services	Hours	Rate	Total	WriteOff	Total Due
Chad Epps	153.00	150.00	22,950.00	0.00	22,950.00
Melissa Erickson	23.00	125.00	2,875.00	0.00	2,875.00
Howard Lubow	10.00	275.00	2,750.00	0.00	2,750.00
Gregory Osting	135.00	210.00	28,350.00	0.00	28,350.00
Steven Ostrover	25.25	250.00	6,312.50	0.00	6,312.50
Ryan Pfaff	162.50	150.00	24,375.00	0.00	24,375.00
Robert Welchlin	58.50	210.00	12,285.00	0.00	12,285.00
Total Services	567.25		99,897.50	0.00	99,897.50

If you have any questions regarding our invoice, please contact me.

Sincerely,

OCI RESOURCES, INC.

Howard E. Lubow
President

OCI Resources, Inc.

11551 Ash Street
Suite 215
Leawood, KS 66211

Invoice

DATE	INVOICE NO.
7/5/2011	865

BILL TO
Mr. Jeremy Routhier-James State of New York DPS 3 Empire State Plaza Albany, NY 12223-1350

FOR PROFESSIONAL SERVICES RENDERED	AMOUNT
Consulting for June 2011	99,897.50
15% Retainage	-14,984.63
Due upon receipt	Total \$84,912.87



OVERLAND CONSULTING

11551 Ash Street, Suite 215 • Leawood, Kansas 66211 • 913/599-3323 Fax: 913/495-9909

July 5, 2011

Mr. Jeremy Routhier-James
State of New York Department of Public Service
3 Empire State Plaza
Albany, NY 12223-1350

Re: Invoice for June 2011

Dear Mr. Routhier-James:

Expenses incurred in connection with the Audit of National Grid's Affiliate Cost Allocations, Policies and Procedures, Case 10-M-0451. I certify that the below charges are correct and just, are billed in accordance with the Agreement, have not previously been billed except as indicated and that payment therefore has been heretofore not been received.

Expenses	Total	WriteOff	Total Due
E-Airfare	3,250.80	-90.00	3,160.80
E-Car/Cab	199.90	0.00	199.90
E-Hotel	4,435.09	0.00	4,435.09
E-Mileage	225.48	0.00	225.48
E-Parking	329.00	0.00	329.00
E-Per Diem	1,325.00	0.00	1,325.00
Total Expenses	9,765.27	-90.00	9,675.27

If you have any questions regarding our invoice, please contact me.

Sincerely,

OC RESOURCES, INC.

Howard E. Lubow
President

STATE OF NEW YORK DEPARTMENT OF PUBLIC SERVICE
THREE EMPIRE STATE PLAZA, ALBANY, NY 12223-1350

www.dps.state.ny.us

PUBLIC SERVICE COMMISSION

GARRY A. BROWN
Chairman
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MAIRENE F. HARRIS
ROBERT E. CURRY JR.
JAMES L. LAROCCA
Commissioners



PETER McGOWAN
General Counsel

JACLYN A. BRILLING
Secretary

July 14, 2011

Peter Kohnstam
Project Manager
National Grid
40 Sylvan Rd
Waltham, MA 02451

Dear Mr. Kohnstam:

I have reviewed Overland Consulting's Invoice Numbers 865 and 866 for the period June, 2011 in the amount \$109,572.77, with a 15% Fee Retention (\$14,984.63), for a due Invoice Total of \$94,588.14 (attached) and have found the fees and expenses to be reasonable, necessary and correct and billed in accordance with the provisions of "Case 10-M-0451 - Proceeding on Motion of the Commission to Investigate National Grid Affiliate Cost Allocations, Policies and Procedures." You are therefore authorized to pay Overland Consulting \$94,588.14.

If you have any questions or concerns regarding the billed charges, please do not hesitate to contact me at 518.473.8149.

Sincerely,

A handwritten signature in black ink, appearing to read "AR-J", written over a horizontal line.

Jeremy Routhier-James
Project Manager

cc: Howard Lubow



OVERLAND CONSULTING

11551 Ash Street, Suite 215 • Leawood, Kansas 66211 • 913/599-3323 Fax: 913/495-9909

July 5, 2011

Mr. Jeremy Routhier-James
State of New York Department of Public Service
3 Empire State Plaza
Albany, NY 12223-1350

Re: Invoice for June 2011

Dear Mr. Routhier-James:

Consulting services related to Audit of National Grid's Affiliate Cost Allocations, Policies and Procedures, Case 10-M-0451. I certify that the below charges are correct and just, are billed in accordance with the Agreement, have not previously been billed except as indicated and that payment therefore has been heretofore not been received.

Services	Hours	Rate	Total	WriteOff	Total Due
Chad Epps	153.00	150.00	22,950.00	0.00	22,950.00
Melissa Erickson	23.00	125.00	2,875.00	0.00	2,875.00
Howard Lubow	10.00	275.00	2,750.00	0.00	2,750.00
Gregory Ostling	135.00	210.00	28,350.00	0.00	28,350.00
Steven Ostrover	25.25	250.00	6,312.50	0.00	6,312.50
Ryan Pfaff	162.50	150.00	24,375.00	0.00	24,375.00
Robert Welchlin	58.50	210.00	12,285.00	0.00	12,285.00
Total Services	567.25		99,897.50	0.00	99,897.50

If you have any questions regarding our invoice, please contact me.

Sincerely,

OCI RESOURCES, INC.

Howard E. Lubow
President

OCI Resources, Inc.

11551 Ash Street
Suite 215
Leawood, KS 66211

Invoice

DATE	INVOICE NO.
7/5/2011	866

BILL TO
Mr. Jeremy Routhier-Jaines State of New York DPS 3 Empire State Plaza Albany, NY 12223-1350

FOR PROFESSIONAL SERVICES RENDERED	AMOUNT
Expenses - June 2011	9,675.27
Due upon receipt	
Total	\$9,675.27

Journal Entry

Page 1 of 1

[New Window](#) | [Help](#) | [Customize Page](#) | [...](#)

Header	Lines	Totals	Errors	Approval
Unit: 00099	Journal ID: 99614-06EB	Date: 12/30/2011		
Long Description: IS US SDC1 + SDC2 P09 FY12 Accruals				
Ledger Group:		Auto Generate Lines		
Ledger:	Adjusting Entry:	Non-Adjusting Entry		
*Source: IMP	Fiscal Year:	2012		
Reference Number:	Period:			
SJE Type:	ADB Date:			
Journal Class:	Save Journal Incomplete Status			
Transaction Code: GENERAL				
Currency Defaults: USD / CRRNT / 1	Created: 12/27/11 10:19:41AM	User ID: brodke		
Reversal: Beginning of Next Period 2012-01-01	Posted:	Updated: 12/27/11 10:20:39AM		
Save Return to Search Next in List Notify Refresh Add				

Header | [Lines](#) | [Totals](#) | [Errors](#) | [Approval](#)

ENTERED BY SR DATE 12/27/11
 POSTED BY SR DATE 12/27/11
 CHECK ACCOUNTS ✓ CHECK CALCS ✓
 COPIED ✓ PREVIOUS MO ✓
 REASONABILITY ✓ VERIFY INPUTS ✓

Journal Entry

Page 1 of 1

[New Window](#) | [Help](#) | [Customize Page](#) | ...

Header	Lines	Totals	Errors	Approval								
					Unit: 00099	Journal ID: 99614-06EB	Date: 12/30/2011	*Process: Edit Journal	Process			
					Template List	Search Criteria	Change Values	Inter/IntraUnit	Errors Only	Line: 10		
Select	Line	*Unit	Activity	Exp Type	Orig Dept	Chrg Dept	Bill Pool	Segment	Account	Reg Acct	Amount	Journal Line Description
	1	00099	AG0847	100	17021	17021	00382	OTH	256021	923000	2,052,216.00	SDC1 Nov 2011 + Dec 2011
	2	00099	AG0847	100	17022	17022	00382	OTH	256021	923000	1,002,897.35	SDC2 3 weeks August 2011
	3	01434	AG0847	100	17021	17021		DIST	256021	923000	92,066.67	LIPA SDC1 Nov 2011 + Dec 2011
	4	01434	AG0847	100	17022	17022		DIST	256021	923000	3,821.83	LIPA SDC1 Nov 2011 + Dec 2011
	5	00099	232438					OTH	611001	232438	-3,151,001.85	SDC1 & SDC2 Aug thru Dec 2011
	7	00099	146434					OTH	671099	146434	95,888.50	AR from Assoc Comp
	8	01434	234099					DIST	611099	234099	-95,888.50	AP to Assoc Comp

Lines to add: 1 + -

Totals				View All			
Unit	Total Lines	Total Debits	Total Credits	Journal Status			
00099	4	3,151,001.85	3,151,001.85	V			
01434	3	95,888.50	95,888.50	V			

[Save](#) | [Return to Search](#) | [Next in List](#) | [Notify](#) | [Refresh](#)

[+ Add](#)

[Header](#) | [Lines](#) | [Totals](#) | [Errors](#) | [Approval](#)

Unit	Journal	Date	Description	CODE TO REVERSE											
99	99614-06	12/23/2011	IS US SDC1 + SDC2 P09 FY12 Actuals P. Horowitz												
Line #	Unit	Ledger	Account	Activity	Org Dept	Chg Dept	Bill Pool	WO	Expense Type	Segment	Amount	Stat Code	Stat Amount	Description	Project
Select fields to copy from a previous line by marking the checkboxes under each field.															
99614-06	1	90099	ACTUALS	DERIVE	AG0847	17021	17021	00382			2,052,218.00			SDC1 Nov 2011 + Dec 2011	RTB - IBM
99614-06	2	00099	ACTUALS	DERIVE	AG0847	17022	17022	00382			1,002,897.35			SDC2 3 weeks August 2011 thru Dec 2011	RTB - Wipro
99614-06	3	01434	ACTUALS	DERIVE	AG0847	17021	17021				92,066.67			LPA SDC1 Nov 2011 + Dec 2011	RTB - IBM
99614-06	4	01434	ACTUALS	DERIVE	AG0847	17022	17022				3,821.83			LPA SDC1 Nov 2011 + Dec 2011	RTB - Wipro
99614-06	5	00099	ACTUALS	DERIVE	232438						(3,151,001.85)			SDC1 & SDC2 Aug thru Dec 2011 estimate	

FW: National Grid SD AMS Draft Invoice for August Services - Message (HTML)

File Edit View Insert Format Tools Actions Help

Reply Reply to All Forward

From: Dhalwal, Debbie K. Sent: Fri 09/23/2011 3:10 PM

To: Horowitz, Philip

Cc:

Subject: FW: National Grid SD AMS Draft Invoice for August Services

Attachments: National Grid AMS AM Fixed Charges DRAFT Invoice NGAM09A v1.xls (1 MB); National Grid AMS SD Fixed Charges Invoice NGAM09B Draft v1.xls (1 MB)

From: Virginia Hargrove [mailto:vhargro@us.ibm.com]
Sent: Friday, September 23, 2011 1:56 PM
To: Curran, Nancy S.; Global Procurement; Dhalwal, Debbie K.
Cc: Tom Byrnes; Ken Lavand; Briggs, Alec
Subject: National Grid SD AMS Draft Invoice for August Services

Hello Nancy & Debbie,

Attached are the August fixed charges draft invoices for your review. As of today, we have not received any additional information from National Grid to be included on these invoices. The final invoice will be delivered next week. Please let us know if you have any questions.

See attached file: National Grid AMS AM Fixed Charges DRAFT Invoice NGAM09A v1.xls

See attached file: National Grid AMS SD Fixed Charges Invoice NGAM09B Draft v1.xls

Thanks,
Guru

Virginia L. Hargrove
Project Manager
Financial Due Diligence and Transition Team
IBM Global Service Strategic Outsourcing

Internet ID: Vhargro@us.ibm.com
External Calls: 201396-4216
Internal Calls: 1-938-4216

Start | Image | Data | monitor | New Mail | Sep. Acc... | IBM P... | National | National | 3:30 PM

	Year 1	1/12th Monthly	Nov 2011	Dec 2011	Total
Module 1 Fixed					
<i>Application Support & Maint</i>					
Monthly AM Services Charge	\$ 6,220,900	\$ 518,408	\$ 518,408	\$ 518,408	\$ 1,036,817
Fixed AM Infrastructure Charges	\$ 295,900	\$ 24,658	\$ 24,658	\$ 24,658	\$ 49,317
Fixed AM Overhead Charges	\$ 563,300	\$ 46,942	\$ 46,942	\$ 46,942	\$ 93,883
	\$ 7,080,100	\$ 590,008	\$ 590,008	\$ 590,008	\$ 1,180,017
Module 3 Fixed					
<i>Application Support & Maint</i>					
Monthly AM Services Charge	\$ 5,296,000	\$ 441,333	\$ 441,333	\$ 441,333	\$ 882,667
Fixed AM Infrastructure Charges	\$ 253,600	\$ 21,133	\$ 21,133	\$ 21,133	\$ 42,267
Fixed AM Overhead Charges	\$ 490,600	\$ 40,883	\$ 40,883	\$ 40,883	\$ 81,767
	\$ 6,040,200	\$ 503,350	\$ 503,350	\$ 503,350	\$ 1,006,700
Total Modules 1 & 3					
<i>Application Support & Maint</i>					
Monthly AM Services Charge	\$ 11,516,900	\$ 959,742	\$ 959,742	\$ 959,742	\$ 1,919,483
Fixed AM Infrastructure Charges	\$ 549,500	\$ 45,792	\$ 45,792	\$ 45,792	\$ 91,583
Fixed AM Overhead Charges	\$ 1,053,900	\$ 87,825	\$ 87,825	\$ 87,825	\$ 175,650
	\$ 13,120,300	\$ 1,093,358	\$ 1,093,358	\$ 1,093,358	\$ 2,186,717

* Period = 8/9 thru 8/31/11

CCN1	\$ -	\$ -	\$ -
LIPA	\$ -46,033	\$ -46,033	\$ -92,067
DSM	\$ -21,217	\$ -21,217	\$ -42,433
	\$ 1,026,108	\$ 1,026,108	\$ 2,052,217

SUS_P1_NC_US_SDC2 - SDC2 R09_Acc_1223.xls

Account Number	Account Name	Summary Account	WBS Coding/Project Works order	Cost Centre	Regulatory Entity	Module	Metals Band	Application No. of Users	Application Clustering	Region	Currency	Allocation Code	11/12 Forecast	12/13
													Total Year	Apr
APP_969 054	ACIS	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 055	AVENUE NY (dup)	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 060	Business Objects Environment	SDC2 Applications		17022	ERP	Gold	2001 to 5000	Gold		US	\$		\$5	\$0.6
APP_969 021	CAI Reporting	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_969 022	CDI	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 023	Corrections	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_969 000	Data Warehouse Environment	SDC2 Applications		17022	ERP	Gold	< 500	Gold		US	\$		\$5	\$0.6
APP_1240.000	DataStage Environment (DT Jobs)	SDC2 Applications		17022	ERP	Gold	< 500	Gold		US	\$		\$5	\$0.6
APP_969 056	DOA	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 024	DSM - AMP	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 025	DSM - EVAL	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 026	DSM - EW	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 027	DSM - LCI	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 028	DSM - SBS	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 029	EBILLING	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_969 03	EDOT - KPI	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 031	EDOT - MATIQ	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 032	Engage	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 033	Enterprise DW	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 034	FPW	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_969 035	Gas Rates	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 036	General Ledger Reporting	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 037	HNOC	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 038	HR Employee	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 039	HR Incident Reporting	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 04	HR Training	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_969 041	HFRM	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_969 042	IS Dashboard	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 043	IVR	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_969 044	Keyspan Bridge Financial Reporting	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 053	Medical	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_1057 000	Mwork (core)	SDC2 Applications		17022	ERP	Platinum	Not Available	Platinum		US	\$		\$5	\$0.6
APP_1001 000	PowerPlant (NG)	SDC2 Applications		17022	ERP	Platinum	Not Available	Platinum		US	\$		\$5	\$0.6
APP_969 045	Primavera Project Management	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 046	ProjectOne Revenue Reporting	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 047	Revenue / Electric Pricing	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 048	Risk Management System	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_969 049	SEGA	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_969 05	Service Interruption Reporting (SIR)	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_969 051	Street Lighting	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_969 052	Supply Chain Reporting	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_1259 000	Business Objects Data Services	SDC2 Applications		17022	ERP	Gold	< 500	Gold		US	\$		\$11	\$1.4
APP_969 02	Work Management	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_134 000	AP (Accounts Payable) REPORTING	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_135 000	Dw_Cst	SDC2 Applications		17022	ERP	Bronze	Not Available	Bronze		US	\$		\$6	\$0.0
APP_357 001	BSOM	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_136 000	Collections	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_357 042	CONTRACTOR CHARGES	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_357 023	ENGINEERING - CURRENT ANALYSIS	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_357 024	ENGINEERING - HISTORICAL DETAIL ANALYSIS	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_357 025	ENGINEERING - HISTORICAL SUMMARY ANALYSIS	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_357 026	FINANCIAL ANALYSIS 2001	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_357 027	FINANCIAL ANALYSIS 2002	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_357 028	FINANCIAL ANALYSIS 2003	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_357 029	FINANCIAL ANALYSIS 2004	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_357 03	FINANCIAL ANALYSIS 2005	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_357 031	FINANCIAL ANALYSIS 2006	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_357 032	FINANCIAL ANALYSIS 2007	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_357 033	FISCAL FINANCIAL ANALYSIS 2008	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_357 034	FISCAL FINANCIAL ANALYSIS 2009	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_357 035	FISCAL FINANCIAL ANALYSIS 2010	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_357 036	FWMS PROJECTS ANALYSIS	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_357 037	GAS SALES AND MARKETING ANALYTICS	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_142 000	GENERAL LEDGER	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_142 02	GENERAL LEDGER 83-94	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_142 021	GENERAL LEDGER 95-98	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_474 000	Geocoder(GeoBlas/GeoSphere)	SDC2 Applications		17022	ERP	Bronze	< 500	Bronze		US	\$		\$5	\$0.6
APP_357 041	GL REVOLVING 24 MONTHS	SDC2 Applications		17022	ERP	Silver	Not Available	Silver		US	\$		\$5	\$0.6
APP_357 003	GIS PRELIMINARY REPORTING	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6
APP_357 043	GTS REPORTING	SDC2 Applications		17022	ERP	Gold	Not Available	Gold		US	\$		\$5	\$0.6

SUS P-VG_US SDC1 - SDC2 P09_Acc_1223.xls

Account Number	Account Name	Summary Account	WBS Coding/Project Works order	Cost Centre	Regulatory Entity	Module	Metals Band	Application No. of Users	Application Clustering	Region	Currency	Allocation Code	11/12 Forecast	12/13
APP_357 044	HISTORICAL GLTSS 1986	SDC2 Applications		17022	ERP	Silver	Not Available		Silver	US	\$		\$5	\$0.0
APP_357 045	HISTORICAL GLTSS 1999	SDC2 Applications		17022	ERP	Silver	Not Available		Silver	US	\$		\$5	\$0.6
APP_357 046	HISTORICAL GLTSS 2000	SDC2 Applications		17022	ERP	Silver	Not Available		Silver	US	\$		\$5	\$0.6
APP_357 047	HR RESOURCE ALLOCATION REPORTING	SDC2 Applications		17022	ERP	Silver	Not Available		Silver	US	\$		\$5	\$0.6
APP_280 000	Informatica	SDC2 Applications		17022	ERP	Gold	< 500		Gold	US	\$		\$5	\$0.6
APP_357 048	INTEGRATED ELECTRIC MARKETING DATAMART	SDC2 Applications		17022	ERP	Gold	Not Available		Gold	US	\$		\$5	\$0.6
APP_157 000	ISO (3.0.0)	SDC2 Applications		17022	ERP	Silver	Not Available		Silver	US	\$		\$5	\$0.6
APP_159 000	Lisa Financials	SDC2 Applications		17022	ERP	Silver	Not Available		Silver	US	\$		\$5	\$0.0
APP_159 02	LIPA FINANCIAL ANALYSIS 2005	SDC2 Applications		17022	ERP	Silver	Not Available		Silver	US	\$		\$5	\$0.6
APP_159 021	LIPA FINANCIAL ANALYSIS 2006	SDC2 Applications		17022	ERP	Silver	Not Available		Silver	US	\$		\$5	\$0.6
APP_159 022	LIPA FINANCIAL ANALYSIS 2007-Present	SDC2 Applications		17022	ERP	Silver	Not Available		Silver	US	\$		\$5	\$0.6
APP_145 000	MOSE ELECTRIC	SDC2 Applications		17022	ERP	Gold	Not Available		Gold	US	\$		\$5	\$0.6
APP_146 000	MOSE GAS	SDC2 Applications		17022	ERP	Gold	Not Available		Gold	US	\$		\$5	\$0.6
APP_147 000	METRICS REPORTING	SDC2 Applications		17022	ERP	Silver	Not Available		Silver	US	\$		\$5	\$0.6
APP_357 000	MicroStrategy	SDC2 Applications		17022	ERP	Gold	2001 to 5000		Gold	US	\$		\$5	\$0.6
APP_357 038	MicroStrategy DataMarts	SDC2 Applications		17022	ERP	Gold	2001 to 5000		Gold	US	\$		\$5	\$0.6
APP_357 001	MICROSTRATEGY/INFORMATICA ENVIRONMENT - Informatica for microstrategy already listed	SDC2 Applications		17022	ERP	Gold	Not Available		Gold	US	\$		\$0	\$0.0
APP_148 000	MYQUOTES	SDC2 Applications		17022	ERP	Silver	Not Available		Silver	US	\$		\$5	\$0.6
APP_357 049	NCS GTS AMR MESSAGING	SDC2 Applications		17022	ERP	Gold	Not Available		Gold	US	\$		\$5	\$0.6
APP_357 036	NCS GTS EXCEPTION MESSAGING	SDC2 Applications		17022	ERP	Gold	Not Available		Gold	US	\$		\$5	\$0.6
APP_357 04	NCS GTS IMBALANCE MESSAGING	SDC2 Applications		17022	ERP	Gold	Not Available		Gold	US	\$		\$5	\$0.6
APP_357 022	NCS GTS POOL MESSAGING	SDC2 Applications		17022	ERP	Gold	Not Available		Gold	US	\$		\$5	\$0.6
APP_152 000	RHS (Revenue and Statistics)	SDC2 Applications		17022	ERP	Gold	Not Available		Gold	US	\$		\$5	\$0.6
APP_153 000	SALES INVESTIGATION	SDC2 Applications		17022	ERP	Gold	Not Available		Gold	US	\$		\$5	\$0.6
APP_155 000	SUPPLY CHAIN	SDC2 Applications		17022	ERP	Silver	Not Available		Silver	US	\$		\$5	\$0.6
APP_531 000	Trillium	SDC2 Applications		17022	ERP	Bronze	< 500		Bronze	US	\$		\$5	\$0.6
APP_7078 000	HRIFORM	SDC2 Applications		17022	Web	Bronze			Bronze	US	\$		\$0	\$0.0
APP_8011 000	Training Catalog	SDC2 Applications		17022	Web	Bronze			Bronze	US	\$		\$0	\$0.0
APP_8012 000	Training Calendar	SDC2 Applications		17022	Web	Bronze			Bronze	US	\$		\$0	\$0.0
APP_307 000	Litotree	SDC2 Applications		17022	Web	Bronze			Bronze	US	\$		\$0	\$0.0
APP_308 000	Litotreeweb	SDC2 Applications		17022	Web	Bronze			Bronze	US	\$		\$0	\$0.0
APP_1696 000	Agent Desktop	SDC2 Applications		17022	Web	Silver			Silver	US	\$		\$4	\$0.5
APP_1141 011	Intranet - US	SDC2 Applications		17022	Web	Bronze			Bronze	US	\$		\$4	\$0.5
APP_4001	Intranet - US	SDC2 Applications		17022	Web	Bronze			Bronze	US	\$		\$4	\$0.5
APP_1141 02	Application Portfolio	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_825 000	Confidant	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_1141 021	Confidant Master	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_1063 000	Caplar (New England)	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_2104	Caplar (New York)	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_1141 022	Enterprise Support Center	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_1141 023	Infonet Career Job Listing	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_1141 024	Infonet Classified Listings and Local Events	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_1141 025	Infonet ERP Conversion Cross Reference	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_1141 026	Infonet Ethics	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_1141 027	Infonet Home Page	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_4001 001	Intranet Site - Contact Us	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_4001 002	Intranet Site - Contact Your Account Mgr	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_4001 003	Intranet Site - Electric Rate Statements	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_4001 004	Intranet Site - Energy Audit - Registration Form	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_4001 005	Intranet Site - Energy Calculator	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_4001 008	Intranet Site - Energy Profiler Online Enrollment	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_4001 007	Intranet Site - Energy Suppliers	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_4001 008	Intranet Site - Five Year Statements	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_235 000	Intranet Site - Gas Rate Statements	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_4001 009	Intranet Site - Landlords/Property Managers Enroll Accounts	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_4001 01	Intranet Site - Landlords/Property Managers Remove Accounts	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_4001 011	Intranet Site - Natural Gas Service Order	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_4001 012	Intranet Site - New Generator Documentation	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_4001 013	Intranet Site - NY Telecom Attachments - Contact Us	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_4001 014	Intranet Site - GASIS - contact us	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_4001 015	Intranet Site - Opt Out of Supplier List	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_4001 016	Intranet Site - Update	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_4001 017	Intranet Site - Wholesale Energy Suppliers - Contact Us	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_4001 018	Intranet Site - Wholesale Energy Suppliers XTram Contact Us	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0
APP_1141 028	Labels	SDC2 Applications		17022	Web	Bronze	< 500		Bronze	US	\$		\$0	\$0.0

ISUS_PH_NG_US SDC1 - SDC2 PCB_Acc_1223.xls

Account Number	Account Name	Summary Account	WBS Coding/Project /Works order	Cost Centre	Regulatory Entity	Module	Metal Band	Application No. of Users	Application Clustering	Region	Currency	Allocation Code	11/12 Forecast	12/13
APP_1141 025	Legal E-Banking	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_1035 000	Lobbying	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_1141 03	National Grid 5 Year Statement	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_1141 031	National Grid At A Glance	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_1058 000	National Grid Outage Posting	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_1141 032	National Grid WWW News Releases	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_1141 033	Ride Share	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_1141 034	Survey	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_4001 019	Internet Site - Downstate	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_56 001	Internet Site - Can Spam (dup)	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_4001 02	Internet Site - Find a Dealer	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_4001 021	Internet Site - Job Postings	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_454 000	Internet Site - Rate Case - NY	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_4001 022	Internet Site - Rate Case - EnergyNorth	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_4001 023	Internet Site - Mygrid	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_4001 024	Internet Site - ThinkSmartThinkGreen	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_4001 025	Internet Site - Spanish Site	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_4001 026	Internet Site - Right Now	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_4001 028	Internet Site - KLANG	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_4018	WebTrends - Update	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_352 000	WebTrends - Downstate	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_4001 027	Internet Site - Job Posting - Batch job to format for Internet site (data2)	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_4001 028	Internet Site - FrontPage Questions for old Update	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_1223 000	Intranet Applications	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_1141 035	Security Approval Form	SDC2 Applications		17022		Web	Bronze	< 500	Bronze	US	\$		\$0	\$0.0
APP_7034 000	Address Management	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_56 001	AppChgReq decommissioned	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.0
APP_56 000	Can Spam Admin	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_72 000	Can Spam Corporate	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_7032 000	Catering	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_1141 036	Classified2	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_1141 037	Community Calendar	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_7019 000	Feedback	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_7021 000	Gas Rates Display LI	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_7021 000	Gas Rates - NE	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_7018 000	Gas Rates Data Entry LI & some New York	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_7020 000	Gas Rates Display NY	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_1222 000	Hiring Approval Request	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_7024 000	KSE Geo (MyAccount and ViewMyBills)	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_29 000	Core Aspen Oneiner	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$0	\$0.0
APP_29 001	Liga Geo (MyAccount and ViewMyBills)	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_7030 000	Oracle	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_7027 000	Power Plant Access request Form	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_434 000	Power Tax Access request Form	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_1141 038	RadRmdsReq	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_476 000	SAMS decommissioned	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$0	\$0.0
APP_493 000	SMA	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_7022 000	Summer Staffing Request decommissioned	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$0	\$0.0
APP_7023 000	Supplier Diversity	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_7033 000	Supplier Diversity Admin	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_562 000	Web Training App/Calendar and Catalog	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_5000	Xm Access request Form	SDC2 Applications		17022		Web	Bronze	500 to 1000	Bronze	US	\$		\$4	\$0.5
APP_5001	Ases SOAP Stack	SDC2 Applications		17022		Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$12	\$1.5
APP_5001	BPEL process Engine	SDC2 Applications		17022		Tech Integrat	Gold	< 500	Gold	US	\$		\$13	\$1.6
APP_5002	EDI InsideAgent	SDC2 Applications		17022		Tech Integrat	Gold	Not Available	Gold	US	\$		\$13	\$1.6
APP_955 000	EDI Sterling	SDC2 Applications		17022		Tech Integrat	Gold	Not Available	Gold	US	\$		\$13	\$1.6
APP_1248 000	FTP PGP	SDC2 Applications		17022		Tech Integrat	Gold	Not Available	Gold	US	\$		\$13	\$1.6
APP_1241 000	FTS	SDC2 Applications		17022		Tech Integrat	Gold	Not Available	Gold	US	\$		\$13	\$1.6
APP_5006	IBM MQ Broker	SDC2 Applications		17022		Tech Integrat	Gold	Not Available	Gold	US	\$		\$13	\$1.6
APP_261 000	Java - extended package set	SDC2 Applications		17022		Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$12	\$1.5
APP_5008	Java CAPS Data Mover Service (DMS)	SDC2 Applications		17022		Tech Integrat	Gold	Not Available	Gold	US	\$		\$13	\$1.6
APP_1236 000	JCAPS - US - Mwork	SDC2 Applications		17022		Tech Integrat	Gold	Not Available	Gold	US	\$		\$13	\$1.6
APP_1236 02	JCAPS - US - Shared	SDC2 Applications		17022		Tech Integrat	Gold	Not Available	Gold	US	\$		\$13	\$1.6
APP_5012	MQ - High Bats / Shared metering / eCorrespondence	SDC2 Applications		17022		Tech Integrat	Gold	Not Available	Gold	US	\$		\$13	\$1.6
APP_5013	MQ - Outage Notes	SDC2 Applications		17022		Tech Integrat	Gold	Not Available	Gold	US	\$		\$13	\$1.6
APP_5014	MQ - Transfer To Service	SDC2 Applications		17022		Tech Integrat	Gold	Not Available	Gold	US	\$		\$13	\$1.6
APP_1078 000	PM4D	SDC2 Applications		17022		Tech Integrat	Gold	Not Available	Gold	US	\$		\$13	\$1.6
APP_5016	Supplier Middleware	SDC2 Applications		17022		Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$12	\$1.5
APP_5017	Demand Side Management	SDC2 Applications		17022		Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$12	\$1.5
APP_5018	NR Web Services Support	SDC2 Applications		17022		Tech Integrat	Gold	< 500	Gold	US	\$		\$13	\$1.6

S:\S_P\NG_US SDC1 - SDC2 P09_Acc_1223.xls

Account Number	Account Name	Summary Account	WBS Coding/Project Works order	Cost Centre	Regulatory Entity	Module	Metal Band	Application No. of Users	Application Clustering	Region	Currency	Allocation Code	11/12 Forecast	12/13
APP_5011	Legacy External Web Infrastructure	SDC2 Applications		17022	Tech Integrat	Bronze	< 500	Bronze	US	\$			\$12	\$15
APP_5020	Legacy Internal Web Infrastructure	SDC2 Applications		17022	Tech Integrat	Bronze	< 500	Bronze	US	\$			\$12	\$15
APP_5021	Webcluster	SDC2 Applications		17022	Tech Integrat	Bronze	< 500	Bronze	US	\$			\$12	\$15
APP_1172 000	WebDeploy	SDC2 Applications		17022	Tech Integrat	Bronze	< 500	Bronze	US	\$			\$12	\$15
APP_5023	WebTrends	SDC2 Applications		17022	Tech Integrat	Bronze	< 500	Bronze	US	\$			\$12	\$15
APP_5024	SUN LDAP	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5025	NET	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5026	Net Support	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5027	Apache	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_28 000	ASA	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5029	R2B Web Support	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5030	B2C Web Support	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_931 000	Clearcase	SDC2 Applications		17022	Tech Integrat	Driver		Silver	US	\$			\$0	\$0.0
APP_5031	BOE XI	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5032	Business Objects	SDC2 Applications		17022	Tech Integrat	Gold	Not Available	Gold	US	\$			\$5	\$0.6
APP_5033	Data Integration Services	SDC2 Applications		17022	Tech Integrat	Gold	Not Available	Gold	US	\$			\$5	\$0.6
APP_5034	Business Objects R2	SDC2 Applications		17022	Tech Integrat	Gold	Not Available	Gold	US	\$			\$5	\$0.6
APP_5035	Business Objects R3	SDC2 Applications		17022	Tech Integrat	Gold	Not Available	Gold	US	\$			\$5	\$0.6
APP_30 001	CA Vision Results	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5037	CGIS Application support, tuning	SDC2 Applications		17022	Tech Integrat	Gold	Not Available	Gold	US	\$			\$5	\$0.6
APP_5037	Colob, LE and ZOS support	SDC2 Applications		17022	Tech Integrat	Gold	Not Available	Gold	US	\$			\$5	\$0.6
APP_31 001	Coldfusion	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5039	Compuser Interest/Sysdump	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5040	Compuser Xpediter	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5041	CORBA	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_32 001	COW	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5043	CVS	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_1246 000	CVS code repository	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5045	DB2 Connect Middleware	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5046	DMWB	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5047	DSS Web Support	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5048	Edits	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5049	Eclipse Development Environment	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_982 000	Endevor (NY/NE) and Librarian/Keyspan	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5051	EXP	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5052	Ezytrieve	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_216 000	FIS Server Support	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5054	FIS (sds)	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5055	Genesys	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_1242 000	GLASS	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5057	GRMS Server Support	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5058	Hypenon	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5059	IBM Database	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_288 000	IBM Tivoli Identity Manager	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5061	IBM Websphere	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5062	IBM WSAD	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5063	IMS SafetyWeb Server Support	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5064	IMS Support	SDC2 Applications		17022	Tech Integrat	Gold	Not Available	Gold	US	\$			\$5	\$0.6
APP_5065	Integration Server windows scripts	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_40 001	iPlanet	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5067	iScheduler/Storms	SDC2 Applications		17022	Tech Integrat	Gold	Not Available	Gold	US	\$			\$5	\$0.6
APP_5068	IVR	SDC2 Applications		17022	Tech Integrat	Gold	Not Available	Gold	US	\$			\$0	\$0.0
APP_5069	JBoss	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5070	JBOSS Application Server	SDC2 Applications		17022	Tech Integrat	Gold	Not Available	Gold	US	\$			\$5	\$0.6
APP_5071	Kofax Ascent Capture	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_1173 000	Macro4 Suite	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_1173 021	Macro4 DumpMaster	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_1173 022	Macro4 FreeFrame	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_1173 023	Macro4 Insync	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5071	Macro4 TraceMaster	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5071	Manhattan WMS	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5078	Maximo	SDC2 Applications		17022	Tech Integrat	Gold	Not Available	Gold	US	\$			\$5	\$0.6
APP_5079	MD51	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5080	Microsoft Front Page	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5081	Microsoft TFS	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5082	Microsoft Visual Studio	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5083	MS IIS	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5084	MS IIS + ASP	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5085	OOB Architecture	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_480 000	PC SAS	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5087	Peoplesoft EPM	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5088	Peoplesoft Financial/SCM	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6
APP_5089	PeopleSoft HCM - Legacy NG	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$			\$5	\$0.6

ISUS_Phy_NG_US \$DC1 - SDC2 P09_A4E_1223 x1

Account Number	Account Name	Summary Account	WBS Coding/Project /Works order	Cost Centre	Regulatory Entity	Module	Metal Band	Application No. of Users	Application Clustering	Region	Currency	Allocation Code	11/12 Forecast	12/13
APP_5050	PeopleSoft Middleware	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$5	\$0.6	
APP_5081	HCM Legacy Keyspan	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$5	\$0.6	
APP_5082	PeopleSoft Portal	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$5	\$0.6	
APP_5083	PL/SQL Developer	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$5	\$0.6	
APP_5084	PowerBuilder (Sybase)	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$5	\$0.6	
APP_5085	PowerDesigner (Sybase)	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$5	\$0.6	
APP_5086	Quest STAT	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$5	\$0.6	
APP_5087	RightFax	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$5	\$0.6	
APP_5088	Smalltalk	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$5	\$0.6	
APP_5089	Tomcat	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$5	\$0.6	
APP_5098	UK Transmission SCO Support	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$5	\$0.6	
APP_5100	UltraEdit	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$5	\$0.6	
APP_5101	Unicom Systems Comet	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$5	\$0.6	
APP_5102	VisualWorks	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$5	\$0.6	
APP_5103	Weblogic	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$14	\$1.8	
APP_1168 000	Documentum - Core	SDC2 Applications		17022	Tech Integrat	Gold	Not Available	Gold	US	\$		\$14	\$1.8	
APP_1168 02	Documentum Content Server	SDC2 Applications		17022	Tech Integrat	Gold	Not Available	Gold	US	\$		\$35	\$4.3	
APP_1168 021	Documentum Desktop Client	SDC2 Applications		17022	Tech Integrat	Gold	Not Available	Gold	US	\$		\$15	\$1.9	
APP_1170 000	Documentum Document Transformation Services	SDC2 Applications		17022	Tech Integrat	Gold	Not Available	Gold	US	\$		\$15	\$1.9	
APP_1168 000	Documentum Index Server	SDC2 Applications		17022	Tech Integrat	Gold	Not Available	Gold	US	\$		\$15	\$1.9	
APP_1168 022	Documentum WOK	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$14	\$1.8	
APP_1171 000	Documentum Webtop Client	SDC2 Applications		17022	Tech Integrat	Bronze	Not Available	Bronze	US	\$		\$14	\$1.8	
APP_1112 000	Team Foundation Server	SDC2 Applications		17022	Tech Integrat	Bronze		Bronze	US	\$		\$3	\$0.4	
APP_1113 000	Visual Source Safe	SDC2 Applications		17022	Tech Integrat	Bronze		Bronze	US	\$		\$3	\$0.4	
APP_1114 000	Uthmaniyah	SDC2 Applications		17022	Tech Integrat	Bronze		Bronze	US	\$		\$7	\$0.8	
APP_96 022	CDW CRIS Revenue and Statistics	SDC2 Applications		17022	ERP	Gold	< 500	Gold	US	\$		\$0	\$0.0	
APP_1141 000	Intranet - Core	SDC2 Applications		17022	Web	Gold		Gold	US	\$		\$27	\$3.3	
APP_357 050	EBE Database	SDC2 Applications		17022	ERP	Gold		Gold	US	\$		\$7	\$0.8	
APP_5116 000	Gatekeeper	SDC2 Applications		17022	Tech Integrat	Bronze		Bronze	US	\$		\$3	\$0.4	
	Wipro Management Fees - Fixed	SDC2 Applications		17022					US	\$		\$53	\$6.5	
	Wipro Infrastructure Fees - Fixed	SDC2 Applications		17022					US	\$		\$144	\$18.3	

Total Monthly Charge \$199,908.12
CCNY \$ 19,300
LIPA \$ -3,822
DSM \$ -4,250
\$211,136.28

3/4 of August + Sept thru Dec 4.25
\$1,802,897.36

Shaferov, Dmitriy

From: Fowler, Keith
Sent: Tuesday, December 27, 2011 10:34 AM
To: Arcieri, Charles A.
Cc: Brodskiy, Eugene F.
Subject: FW: Dec 2011 Accruals - SDC Partner Charges; seq#99614-06

Attachments: ISUS_PH_NG_US SDC1 + SDC2 P09_Acc_1223.xls

Approved

Regards,

Keith

Director
Information Services Finance
US Reporting, Planning & Decision Support
National Grid
One Metrotech Center
Brooklyn, NY 11201

Tel: (718) 403-6125

Mobile: (347) 756-1352

Email: keith.fowler@us.ngrid.com

From: Brodskiy, Eugene F.
Sent: Tuesday, December 27, 2011 10:22 AM
To: Fowler, Keith
Cc: Brodskiy, Eugene F.; Horowitz, Philip
Subject: FW: Dec 2011 Accruals - SDC Partner Charges; seq#99614-06

Keith,

Please, approve the accrual with code to reverse.



ISUS_PH_NG_US
SDC1 + SDC2 P09...

Thank you.

Eugene

From: Horowitz, Philip
Sent: Friday, December 23, 2011 3:08 PM
To: Brodskiy, Eugene F.

Cc: Mohammed, Riz
Subject: Dec 2011 Accruals - SDC Partner Charges

Eugene:

Please review the attached accrual.

Thanks....

Phil Horowitz

Sr. Financial Analyst - IS Finance
nationalgrid
40 Sylvan Road
Waltham, MA 02451-1120
781-907-3038
Philip.Horowitz@us.ngrid.com

Date of Request: July 19, 2012
Due Date: July 30, 2012

Request No. DPS-448 (DAG-61)
NMPC Req. No. NM 629

NIAGARA MOHAWK POWER CORPORATION

Case No. 12-E-0201 and 12-G-0202 - Niagara Mohawk Power Corporation
d/b/a National Grid - Electric and Gas Rates

Request for Information

FROM: Denise Gerbsch
TO: Service Company Panel
SUBJECT: Exhibit __ (SCP-5), page 21 and the file "C1.004 ProUnlimited Inc.xlsx"
in Ernst & Young's (EY) C1 Accounts Payable workbook.

Request:

At cell E2 in tab "Vendor Lead" in the above referenced file the following is stated regarding the vendor payments for the ProUnlimited contractors and the allocation of their costs to affiliates in 2011:

"Note:

EY was not able to obtain the individual invoices or timesheet submitted for the contractor's work hours. As an alternative procedure, EY obtained a summary document that identified the contractor's name, contractor's manager's name, bill pool and/or business units submitted, and the payable amount. EY first tied the total payables amount, and performed a payroll testing, where EY agreed the contractor's charged bill pool and/or business units to the contractor's manager's charged bill pool and/or business units. EY referred to project description for the contractors and their managers to review that the contractors supported the manager's job function. For the contractor and the manager where the bill pool and/or business unit information did not agree, EY contacted the manager to inquire the project description and the correct accounting string assigned to the contractors. Please see interim testing tab for more details."

1. (a) For each invoice in this tab state if EY selected it for examination. For those selected for examination state if EY was able to obtain the invoice or timesheet.

(b) For each transaction state which document was unavailable. For those transactions with unavailable documents, show the original allocation of the transaction and the EY adjustment to allocation of the transaction with explanation of the basis of adjustment.
2. In column AE it states "yes" to the question "Was the invoice received in 2011" for all transactions. For those transactions where the invoice was unavailable please explain how EY could verify the invoice was received and when received.

3. For contractors whose invoice or timesheet was unavailable it appears that EY alternatively relied on the manager of contractor and the allocation of his costs as basis to allocate contractors costs. Please provide a listing where, for such contractors, the manager was not an employee of National Grid and identify the entity he worked for. If the manager was also a contractor, indicate if EY obtained the invoice and timesheet for his/her costs.
4. Provide a full copy of purchase order 0000048271 including all attachments, and any change orders.
5. Provide a full copy of the invoice, timesheet, and voucher documentation for line items #20, 132 and 3511.
6. Under the Preservation of Records of Holding Companies and Service Companies (18 CFR 368) Section 368.2(j), records of services performed by associate companies requires that service companies must assure availability of the records of services by and for public utilities. Section 368.2(k) Rate Case requires that the service company must retain the appropriate records to support the costs proposed in the rate case. Section 368.3(11)(b) requires that original bills and invoices for materials, services, etc. be retained for 5 years. For those payments where no contractor invoice or supporting timesheet was provided explain why the service company is not in violation of the record retention requirements for the transaction, unable to support the payment transaction, and that the payment should not be allocated to affiliates.

Response:

National Grid has engaged in a partnership with Pro Unlimited, a global management firm, to manage its contingent (contracted) workforce, including retirees and temporary workers utilized in IT/IS, Engineering, Construction, Gas Operations, Transmission, Finance, Engineering, Legal, Human Resources, and virtually every other department and function throughout the organization. All requests to fill a position, time entry, time approval, and invoicing is done electronically – a paperless process.

1. (a) EY selected all of the invoices/transactions listed in the “Vendor Lead” tab of file C1.004 ProUnlimited Inc.xlsx for examination. EY obtained invoice equivalent supporting documentation for all of these transactions. This supporting documentation was in the form of summary contractor charge data provided to National Grid by Pro Unlimited, which is utilized by National Grid as the basis for payment. This data is located in the “Interim Testing” tab.

(b) As noted in the response for Request #1(a), all of the summary contractor charge data was obtained for the transactions listed in the “Vendor Lead” tab of file C1.004 ProUnlimited Inc.xlsx. As such, none of the transactions had unavailable documents for purposes of our testing.
2. As noted in the response for Request #1(a), all of the summary contractor charge data was obtained for the transactions listed in the “Vendor Lead” tab of file

C1.004 ProUnlimited Inc.xlsx. To validate that the invoice was received in 2011, EY agreed the date of the transaction per the summary contractor charge data to the source data as provided by National Grid.

3. EY's approach was to agree the total payables amount in the summary contractor charge data from Pro Unlimited and agree the contractor's charges and charged bill pool and/or business units to the contractor's manager's charged bill pool and/or business units. In all cases, the contractor's managers were National Grid employees. For the contractor and the manager where the bill pool and/or business unit information did not agree, EY contacted the manager to inquire about the project description and the correct accounting string to be assigned to the contractors. If necessary, EY then reallocated the time as appropriate or reallocated to non-utility operations if a proper allocation could not be determined.

4. Please refer to list below:

Purchase order – Attachment 1 to DPS-448 (DAG-61)

Change orders – Attachments 2 thru 6 to DPS-448 (DAG-61)

Contract – Attachment 7 to DPS-448 (DAG-61)

5. Please refer to Attachment 8 to DPS-448 (DAG-61) – the first page is the summary ledger information from the GL and from EY's workpapers. The second page is the invoice equivalent information that lists the contractor and their Approver/Manager. See response to Request #1a for a fuller description of the invoice equivalent supporting documentation for all of these transactions including the three referenced. The third page is the timesheet.
6. As the question recognizes, Section 368.2(k) of FERC's regulations, 18 CFR §368.2(k), requires a service company to maintain "appropriate records to support the costs and adjustments proposed in any rate case." As discussed in Request #1(a) above, EY obtained invoice equivalent supporting documentation for all of these transactions. National Grid believes that the records EY reviewed are adequate to support the costs and adjustments reflected in its proposed rates.

Moreover, the inability to locate a particular invoice does not mean that a service company is "in violation of record retention requirements." While National Grid's record retention policies are intended to ensure that records are maintained for periods equal to, or longer than, those required by FERC's regulations, the inability to locate a particular invoice at a particular time does not constitute a "violation" of FERC's regulations or require the disallowance of any expense in a utility rate proceeding.

Name of Respondent:

Date of Reply:

Parts 1, 2, 3 Michael Barrett, Partner from Ernst & Young LLP
Parts 4, 5, 6 and lead in paragraph
Colleen Dowling, National Grid Regulatory Accounting

July 30, 2012

General Ledger Detail from E&Y Test Files

#	Orig Busine	Business U	Vendor	Billing Pool	Purchase C	Invoice No	Voucher Id	Image Link	Total Paya	Fiscal Yr	Period	Jrnl Id	Chrg Dept	Chrg Dept	Regulatory	Expense Ty
20	00099	00036	PRO UNLIV		0000048271	4139561	00868313	-	45.13	2011		10 UTXAP0227	GLOBAL_IS	PHYSICAL_	923000	A70
132	00099	00036	PRO UNLIV 00102		0000048271	4144441	00870459	-	930.14	2011		10 AP0030043	US_IS	IS_SOL_DE	910000	110
132	00099	00099	PRO UNLIV 00247		0000048271	4144441	00870459	-	930.14	2011		10 AP0030046	US_IS	IS_SOL_DE	910000	110
3511	00099	00099	PRO UNLIV 00354		0000048271	4212301	00924967	-	771.91	2012		2 AP0031865	SHARED_S	TRANS_DE	923000	100
3511	00099	00099	PRO UNLIV 00354		0000048271	4212301	00924967	-	257.30	2012		2 AP0031865	US_HUMAN	COMP_BEN	926000	100

Additional detail from National Grid Databases

Business	Segment	Regulator	Regulatory Acct Descr	Orig Dep	Fiscal	Period	Vendor	Voucher Id	Image Link	Total Paya	Invoice No	CW Mngr Name	CW Name	CW Pay Prd End Dt	CW Time Sheet Id
00036	DIST	236751	Tx Accr-Use Tax from STS		2011	10	PRO UNLIMITED IN 00868313		—	(45.13)	4139561	Lisi, Joseph	Alexander, Judith	12/19/2010	4139561
00036	DIST	923000	A&G-Outside Services Employed	18400	2011	9	PRO UNLIMITED IN 00868313		—	564.12	4139561	Lisi, Joseph	Alexander, Judith	12/19/2010	4139561
00036	DIST	923000	A&G-Outside Services Employed	18400	2011	10	PRO UNLIMITED IN 00868313		—	45.13	4139561	Lisi, Joseph	Alexander, Judith	12/19/2010	4139561
00036	DIST	910000	Cust Service-Misc Expenses	17150	2011	10	PRO UNLIMITED IN 00870459		—	930.14	4144441	Juneau, Robert	Bartkowiak, Nathan	12/26/2010	4144441
00099	OTH	910000	Cust Service-Misc Expenses	17150	2011	10	PRO UNLIMITED IN 00870459		—	930.14	4144441	Juneau, Robert	Bartkowiak, Nathan	12/26/2010	4144441
00099	OTH	923000	A&G-Outside Services Employed	16250	2012	2	PRO UNLIMITED IN 00924967		—	771.91	4212301	Gates, Toni	Ryan, Jo Anne	5/15/2011	4212301
00099	OTH	926000	Employee Pensions & Benefits	16230	2012	2	PRO UNLIMITED IN 00924967		—	257.30	4212301	Gates, Toni	Ryan, Jo Anne	5/15/2011	4212301

Timesheet Detail From Prounlimited
Received Upon Specific request

Line#	Manager	Worker	Earnings E/D	Regular Hours	Total Bill	Hours	Grand Total	Time Status	Time Date and Time Approved	Time Approved By
4139561	Lisi, Joseph	Alexander, Judith	12/19/2010		564.12		lisijs-00010 Part Time Clerk accounting	Approved	12/20/2010 03:42:38	Lisi, Joseph
4144441	Juneau, Robert	Bartkowiak, Nathan	12/26/2010		1860.28		juneau-00002 CSS Billing Support (NE & NY)	Approved	01/03/2011 07:59:01	Juneau, Robert
4212301	Gates, Toni	Ryan, Jo Anne	05/15/2011		1029.21		powern-00001 Contingent Worker	Approved	05/16/2011 06:56:56	Dillon, Patrick

Date of Request: July 19, 2012
Due Date: July 30, 2012

Request No. DPS-452 (DAG-62)
NMPC Req. No. NM-633

NIAGARA MOHAWK POWER CORPORATION

Case No. 12-E-0201 and 12-G-0202 - Niagara Mohawk Power Corporation d/b/a
National Grid - Electric and Gas Rates

Request for Information

FROM: Denise Gerbsch

TO: Revenue Requirements Panel

SUBJECT: Expense Type #100 and #110 – KSA Journal Ids, Follow up to DAG-8

Request:

The following questions refer to the below table-

1. Based on the schedules provided in the Company's response to DAG-8, looking at the listed charges that make up the totals referenced by the attachments and page numbers in the table below, for each charge listed of \$100,000 or more (combined electric and gas), please provide (i) a copy of the invoice(s) related to the charge and if not provided on the invoice, a description and explanation of the work that was done and represented by the charge, (ii) the associated accounting that shows the allocation of the total invoice cost among the various business units, (iii) the bill pool and explanation that supports the allocation used, (iv) and identify the purchase order(s) supporting the vendor(s) invoices.

In answering this question, please refer back to the Company's response to DAG-13 and DAG-13 SUPP in C. 10-E-0050, Attachments 4 and 5. The same format should be used in responding to question 1.

2. Based on the schedules provided in the Company's response to DAG-8, looking at the listed charges that make up the totals referenced by the attachments and page numbers in the table below, for each charge listed of \$100,000 or more (combined electric and gas) that the Company has not identified as a HTY normalizing adjustment, please provide a copy of the analysis that was done by the Company to conclude that the historic year charges incurred would be recurring in the rate year, and that the charges are no are not non-recurring in nature.
3. (a) Please provide the level of KeySpan charges incurred by Niagara Mohawk for CY 2009 and CY 2010, identified separately for both electric and gas, that would be on a comparable basis to the totals identified in the table below.

(b) Please reconcile and provide a detailed explanation of the increases from CY 2009 to CY 2010 to CY 2011 for the business unit 431 charges coming to Niagara Mohawk.

	<u>DAG-8</u>	<u>Vendor/Jrn Id</u>	<u>electric \$</u>	<u>gas \$</u>	<u>activity #</u>	<u>Orig BU</u>
<u>KSA Journal Ids</u>						
<u>Consultants #100</u>						
(1)	Attach 1, pg 10	All KSA listed - Accounting exp	\$2,883,841	\$555,741	various	Co 431
(2)	Attach 2, pg 10	All KSA listed - Legal exp	\$1,657,654	\$247,443	various	Co 431
(3)	Attach 5, pg 10	All KSA listed - HTY Analysis Adjs	(\$944,963)	(\$250,545)	various	Co 431
(4)	Attach 7, pg 21	All KSA listed - Adj HTY Costs	\$2,101,283	\$502,374	various	Co 431
<u>Contractors #110</u>						
(5)	Attach 9, pg 10	All KSA listed - Legal exp	\$46,283	\$14,249	various	Co 431
(6)	Attach 12, pg 10	All KSA listed - HTY Analysis Adjs	\$1,679,381	\$290,758	various	Co 431
(7)	Attach 16, pg 71	All KSA listed - Adj HTY Costs	<u>\$2,272,094</u>	<u>\$1,049,695</u>	various	Co 431
Total			\$9,695,573	\$2,409,715		

Response:

1. Please see Attachment 1 to DPS-452 (DAG-62) for a listing of charges in the above table that are over \$100,000. This attachment includes a) the string of accounting including allocation amongst business units b) the bill pool (allocation code) and support for the bill pool used and c) the purchase order numbers. Please see Attachment 2 to DPS-452 (DAG-62) for copies of the invoices for the charges listed on Attachment 1. Pursuant to discussions with DPS Staff, DPS Staff is not requesting hourly rate information at this time. Accordingly, this information is not being provided. See also Attachment 3 to DPS-452 (DAG-62) for a schedule of all invoices from which the selection of items over \$100,000 was made, Attachment 3A for a schedule of all the source transactions comprising the totals presented in DAG-8 and the table above and Attachment 3B for a summary table comparing the amounts originally presented in DAG 8 to the total source transaction data provided in this analysis.
2. The Company has identified whether or not a HTY normalizing adjustment was made for each charge listed on Attachment 1 and has provided the relevant exhibit reference for those adjusted. For those charges that were not normalized, the Company has provided a reference in Attachment 1 to the E&Y support file number that contains the analysis for the charge.
3. (a) Please see Attachment 4 of DPS-452 (DAG-62) for the CY 2009 and CY 2010 charges incurred by Niagara Mohawk for both electric and gas.

3. (b) As a result of multiple service companies, increases/decreases between time periods can not be explained by analyzing one business unit. The change for all service companies combined would provide a better analysis of the difference between years, as can be seen in the response to DAG-63.

Name of Respondent:

John E. O'Shaughnessy and James Molloy

Date of Reply:

July 30, 2012

PAYMENT REQUEST

Due Date: 11/01/10

[illegible]

Ans Ans 2/1/11

ad to pay
Wendell

\$348,845.93

Date of Request: July 20, 2012
Due Date: July 30, 2012

Request No. DPS-457 (HTC-8)
NMPC Req. No. 638

NIAGARA MOHAWK POWER CORPORATION

Case No. 12-E-0201 and 12-G-0202 - Niagara Mohawk Power Corporation
d/b/a National Grid - Electric and Gas Rates

Request for Information

FROM: Hieu Cam
TO: Charles F. Willard
SUBJECT: SIR

1. On page 10 of Witness Willard's testimony, Mr. Willard discusses the use of an Article 78 Petition to challenge the DEC remedy decision for the Harbor Point site, please provide a copy of the ruling. Are there other SIR related instances where the company filed Article 78 Petitions? If not, why not? If so, please provide a complete list of those petitions and copies of their rulings.
2. Due to the nature of the site remediation, change orders, which result in project costs, are often issued due to actual field conditions being worse than estimated. As discussed in page 8 of Mr. Willard's testimony, unit prices, such as labor rates, are pre-established which can be used in case of change orders. Are there instances where change orders were issued without pre-established unit rates? Please identify how many change orders without pre-established unit rates were issued. What was the largest change order, in dollars, issued where unit prices were not pre-established in the past 5 years?
3. Please provide the dollar amount associated with work that was not performed under competitive bid or BPO as discussed in DPS 227, Part 4.
4. Please fully explain, in a step by step process, how the company determines the construction/remediation schedule.

Response:

1. The Article 78 Petition ruling is provided in Attachment 1 to DPS-457. As the Order on Consent did not include a dispute resolution clause at the time of the Harbor Point remedy, an Article 78 Petition was the only avenue to challenge the New York State Department of Environmental Conservation (NYSDEC). Subsequent to the ruling on this Article 78 Petition, the NYSDEC agreed to modify its Order on Consent to include a dispute resolution clause. The dispute resolution clause was included in Exhibit CFW-2 (page 95 of the testimony).

The Company has not invoked formal dispute resolution since the dispute resolution clause was added. Informal discussions have been held, and resolution reached, prior to invoking the formal process. The Company has also challenged NYSDEC remedy decisions during the public comment period following issuance of the Proposed Remedial Action Plan.

2. As mentioned in Mr. Willard's testimony and several information responses, changed conditions may be encountered during remedial construction due to previously unknown geotechnical and contaminant conditions. The Company bid documents provide for potential changed conditions, including unit rates and rate sheets. Unit rates are typically obtained for items such as excavation, disposal, and water treatment. The Company also requests contractor rate sheets for individual labor rates, equipment, and materials that are reasonably anticipated during the construction activities. Where changed conditions require work beyond an increase in bid quantities, the contractor proposes a change order based on the unit rate sheet on a lump sum or unit rate basis. It should be noted that change order quantities, rates, and equipment usage are monitored in the field by the Company construction manager.

On occasion, equipment or material may be required, which was not included in the rate sheets. Where equipment rental is required, the contract allows for contractor reimbursement at the "Rental Rate Blue Book for Construction Equipment". Materials are reimbursed at the actual verifiable net cost (no mark-ups).

In the past 5 years, 39 change orders that included items without pre-established rates were authorized. Please note, in some instances, only one or a few of multiple charges on a change order include rates that were not pre-established. In the last 5 years, the largest item included in a change order that was not pre-established was associated with the Oneida Phase 1 remediation. A charge of \$279,000 was incurred to leave steel sheeting used for excavation support in place following the excavation work. The sheeting was left in place to provide 1) a reduction in the subsequent Phase 2 construction schedule (since the sheeting would be used in Phase 2), 2) a cost savings for the Phase 2 construction activities (since a portion of the excavation support would already be in place and the cost to remove and reinstall the sheeting for Phase 2 would be avoided), and 3) a barrier between the clean backfill material within the Phase 1 area and impacted material subject to future removal (to prevent potential recontamination). The cost to leave the sheeting in place was established based on the market price per pound for steel.

3. The costs associated with the firms identified in DPS-227 Question 4, are provided below:

Abscope Environmental - \$998,024

ENSR Corp - \$58,790

Foth Infrastructure - \$145,105

GPS Technical & Construction Services - \$325,483

History Associates - \$262,300

Ostrow & Partners, Inc. - \$4,825

Royal Environmental – \$64,680

University at Buffalo – Research Foundation - \$266,615

Synapse Engineering Solutions – \$119,991

Synapse Engineering PLLC – \$960,369

4. The construction/remediation schedule is controlled by the NYSDEC. In the winter proceeding the upcoming NYSDEC fiscal year (April 1- March 31), the Company provides an updated schedule to the NYSDEC in preparation of the annual scheduling meeting. The schedule includes upcoming construction/remediation in addition to other phases of SIR work. The updated schedule is based on progress in the prior year and what SIR phases the Company anticipates can be achieved for the upcoming year. The Company and the NYSDEC discuss the schedule during the meeting. The Company revises and submits the final schedule based on the meeting. The updated schedule is sent to NYSDEC for approval.

Between NYSDEC meetings, pending construction/remediation work may progress through to the bid of the construction contract, providing the pre-requisite design, approvals, and access are obtained. The detailed construction schedule is provided by the contractor. The contractor is held to the construction schedule; however, adjustments may be made to the schedule if field conditions warrant.

Name of Respondent:

Charles Willard
Brian Stearns

Date of Reply:

July 26, 2012

08/25/03 15:58 FAX 5184289410

HISCOCK/BARCLAY

001

HISCOCK & BARCLAY

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FACSIMILE COVER SHEET

Date: June 25, 2003

Time: 3:55 PM

No. of Pages Transmitted:

(Including this Cover Letter)

Name: John Sherman

Location:

Fax Number: 315-460-9117

Name:

Location:

Fax Number:

Name:

Location:

Fax Number:

Comments: Re: Harbor Point

See attached Decision and Order.

Client/Matter Name:

Client/Matter Number: 2805047

Project Tracking Number:

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Date of Request: July 23, 2012
Due Date: August 2, 2012

Request No. DPS-463 (JJA-16)
NMPC Req. No. 644

NIAGARA MOHAWK POWER CORPORATION
Case No. 12-E-0201 and 12-G-0202 - Niagara Mohawk Power Corporation
d/b/a National Grid - Electric and Gas Rates

Request for Information

FROM: Jerry Ancona
TO: Infrastructure and Operations Panel
SUBJECT: Southwest NY Load and Load at Risk/Reliability Criteria Compliance
REFERENCE: [Book 27, Exhibit EIOP-6, pgs. 77-79 of 127]
REQUEST:

With respect to the total load (including losses) being served by the Company in the Southwest NY area, please provide the following:

- 1) Summer and winter peak load forecasts for 2013 and 2016 for this area for both a 50th percentile (50% chance of not being exceeded) and a 90% percentile (90% chance of not being exceeded on the basis of weather extremes);
- 2) An annual load duration chart for this area stated in terms of percentages of the peak load and broken down into deciles of duration (e.g., the load is expected to exceed 94% of the peak load 10% of the time; is expected to exceed 86% of the peak load 20% of the time, etc.);
- 3) Load at risk of being shed for this area estimated by both amount in MW and duration of time at risk (for a critical contingency occurring) for both the 50% and 90% percentile load forecasts, and for both 2013 and 2016 for each of the following conditions:
 - a) Case A: Base conditions with all four units at the Dunkirk Plant available;
 - b) Case B: Base conditions with the Dunkirk 230 kV units unavailable but the two Dunkirk 115 kV units available;
 - c) Case C: Same as Case B above, but with the proposed Homer Hill 115 kV capacitor bank and the Dunkirk Substation second bus tie installed by Summer 2013;

- d) Case D: Same as Case C above, but with the proposed installation of four 75 MVAR capacitor banks at Gardenville, a second 230 kV bus tie both Huntley and Packard, and other associated smaller projects also installed by Summer 2013.
 - e) Case E: Base conditions with all four units at the Dunkirk Plant unavailable;
 - f) Case F: Same as Case E above, but with the proposed Homer Hill 115 kV capacitor bank and the Dunkirk Substation second bus tie installed by Summer 2013;
 - g) Case G: Same as Case F above, but with the proposed installation of four 75 MVAR capacitor banks at Gardenville, a second 230 kV bus tie both Huntley and Packard, and other associated smaller projects also installed by Summer 2013.
- 4) For each of the five most serious critical contingencies that contribute to the abovementioned risk of load being shed:
- a) Description of the individual contingency (or simultaneous multiple contingencies), and the resulting criteria violation;
 - b) A quantitative estimate or qualitative/subjective evaluation of the probability of that contingency or multiple contingencies occurring;
 - c) An estimate of outage time if a load shed takes place under these contingencies taking into account expected restoration/repair time as well as subsequent loading drop-offs on circuits as time passes.
- 5) *With the mothballing of the two Dunkirk 230 kV units*, whether all or part of the proposed Homer Hill 115 kV capacitor bank and the Dunkirk Substation second bus tie, and/or the installation of four 75 MVAR capacitor banks at Gardenville, a second 230 kV bus tie both Huntley and Packard, and other associated smaller projects in 2013 will be sufficient to return the system to the same level of reliability *as would otherwise exist with all four Dunkirk units in service* (i.e., having approximately the same risk of load being shed for this area in terms of MW at risk and duration of time at risk);
- 6) *With the mothballing of the all four Dunkirk units*, whether all or part of the proposed Homer Hill 115 kV capacitor bank and the Dunkirk Substation second bus tie, and/or the installation of four 75 MVAR capacitor banks at Gardenville, a second 230 kV bus tie both Huntley and Packard, and other associated smaller projects in 2013 will be sufficient to return the system to the same level of reliability *as would otherwise exist with all four Dunkirk units in service* (i.e., having approximately the same risk of load being shed for this area in terms of MW at risk and duration of time at risk).

RESPONSE:

1. Please see below for the Company's peak summer and winter load forecasts for 2013 and 2016. The Company conducted its analyses regarding the shutdown of the Dunkirk generation using the base cases from the 2011 Western Area Study, provided previously as Attachment 1 to the response to IR DPS-333 (JSC-8). The load forecasts that were used to develop those study base cases were created in November 2010. Please note that the forecast data provided is for total National Grid load in western New York, including the Western and Genesee regions and is not specific to the southwest region. The forecasts provided are non-coincident peaks with energy efficiency assumptions included.

	Summer (MW)		Winter(MW)	
Year	50/50	90/10	50/50	90/10
2013	2,201	2,292	2,088	2,121
2016	2,228	2,319	2,112	2,145

2. The Company used the same load duration curves in the analyses of the Dunkirk shutdown as it used in the 2011 Western Area Study. The Company created the curves using four years of load data for the entire western New York LBMP as found on the NYISO website. The summer hours are based on data for June 1 through September 30. The winter hours are based on data for December 1 through March 31. The data used span June 1, 2007 through March 31, 2011.

	Summer		Winter	
Hours	% of Peak Load		% of Peak Load	
2%	92%		93%	
5%	87%		91%	
10%	82%		89%	
20%	76%		86%	
30%	73%		84%	
40%	70%		81%	
50%	67%		78%	
60%	64%		75%	
70%	60%		72%	
80%	57%		69%	
90%	53%		66%	

3. The Company's review with regard to the Dunkirk mothballing did not focus on the type of analysis requested. Rather, it focused on voltage and thermal performance metrics and the actions that would be needed to return the system to the pre-mothball performance levels. While National Grid does use load at risk analysis for planning purposes in certain instances (*e.g.*, in the context of outage planning and coordination), the requested load at risk analyses have not be performed.

- (a) Load at risk for this base case condition was reviewed in the study report "Review of Dunkirk Mothball Notice – Part 1, version 0, dated July 27, 2012" ("referred to hereinafter as the "Dunkirk Mothball Study"), which is included as JJA-16 Attachment 1 (FINAL Report Dunkirk Mothball v0 CEII).pdf to this response. The Dunkirk Mothball Study contains critical energy infrastructure information and is being provided in accordance with the Protective Order issued by the Administrative Law Judges on June 6, 2012. A redacted copy of the attachment will be provided to parties that have not executed Exhibit 1 to the Protective Order.

The Company only considered a 2013 case with a 90% load forecast in the study. The Company did not complete any analysis with a 2016 case or with any 50% load forecasts. In addition, the Company did not determine assessments of the amount in MW of load shedding. The Company only estimated the number of hours of exposure to the system concerns because for N-1 contingencies affecting the Bulk Power System and for certain N-1 contingencies affecting the Bulk Electric System, load shedding as a design basis is not considered acceptable. It can only be used as an interim measure until system reinforcements can be put into place.

The Company's analysis showing a comparison between the exposure to problems for the case with all Dunkirk generation in service, only the Dunkirk 230 kV generation out of service, and the case with all Dunkirk generation out of service may be found in Section 6 of the Dunkirk Mothball Study.

- (b) The Company reviewed load at risk for this base case condition in the Dunkirk Mothball Study. The Company considered only a 2013 case with a 90% load forecast in that study. The Company did not complete analysis with a 2016 case or with any 50% load forecasts. In addition, the Company did not determine assessments of the amount in MW of load shedding. The Company only estimated the number of hours of exposure to the system concerns. This is because for N-1 contingencies affecting the Bulk Power System and for certain N-1 contingencies affecting the Bulk Electric System, load shedding as a design basis is not considered acceptable. It can only be used as an interim measure until system reinforcements can be put into place.

The analysis showing a comparison between the exposure to problems for the case with all Dunkirk generation in service, only the Dunkirk 230 kV generation out of service and the case with all Dunkirk generation out of service can be found in Section 6 of the study.

- (c) The Company did not complete an analysis of the load at risk in cases with one or both of the projects to add capacitor banks to Homer Hill and a second bus tie breaker to Dunkirk in any assessments of the Western New York system.

- (d) The Company has not completed an analysis of the load at risk in cases with the referenced projects implemented in any assessments of the Western New York system.
- (e) The Company reviewed load at risk for this base case condition in the Dunkirk Mothball Study. The Company only considered a 2013 case with a 90% load forecast in that study. No analysis with a 2016 case or with any 50% load forecasts was completed. In addition, no assessments of the amount in MW of load shedding were determined. The Study only estimated the number of hours of exposure to the system concerns. This is because for N-1 contingencies affecting the Bulk Power System and for certain N-1 contingencies affecting the Bulk Electric System, load shedding as a design basis is not considered acceptable. It can only be used as an interim measure until system reinforcements can be put into place.

The analysis showing a comparison between the exposure to problems for the case with all Dunkirk generation in service, only the Dunkirk 230 kV generation out of service and the case with all Dunkirk generation out of service can be found in Section 6 of the Study.

- (f) The Company has not completed an analysis of the load at risk in cases with one or both of the projects to add capacitor banks to Homer Hill and a second bus tie breaker to Dunkirk in any assessments of the Western New York system.
 - (g) The Company has not completed an analysis of the load at risk in cases with the referenced projects implemented in the assessment of the reliability impacts of the shutdown of Dunkirk generation.
4. (a) In the Dunkirk Mothball Study, the Company describes the analysis done to document the impacts of the Dunkirk mothball. Section 5 of the Study shows the low voltages and overloads for cases A and E described in Question 3, above. The analysis of case G, can be found in section 7.9 of the Study.

Descriptions of the contingencies referenced in the tables can be found in the appendices to the 2011 Western Division Area Study Part 1 – Needs Assessment, provided in response to IR DPS-333 (JSC-8).

Detailed analysis showing the contingencies and their resulting impact for the other requested cases is not available.

- (b) As can be seen in the Dunkirk Mothball Study, various types of contingencies, from single line or transformer outages to bus faults and double circuit tower failures, to breaker failures, can all result in a reliability impact. The Study also includes a discussion of a few limited N-1-1 conditions. The tendency is that the more elements taken out by a fault, the more severe the impact.

While the probability of a contingency type can vary, with multiple element outages being less likely than single line outages, the probability of the same type of contingency could also vary from location to location.

The tables in sections 6.2 and 6.3 of the Study summarize the system exposure to all lines in service, N-1 single element outages, N-1 multiple element outages with normal clearing and N-1 multiple element outages with breaker failure.

The Study does not include a quantitative or qualitative evaluation of the probability of a contingency occurring, just the expected result of the outage. One goal of the transmission planning process is to ensure that the system that the transmission system is robust enough to enable reliable and flexible operation over a wide range of system conditions. Transmission planning criteria cannot capture every possible system condition or accurately predict the probability with which certain situations may arise. Thus, the more severe contingencies that are studied can be viewed as a proxy for the many others that practically cannot be studied. Therefore, looking at a specific contingency and evaluating the benefits of addressing it based only on the probability of that specific contingency occurring understates the relevance of that contingency analysis and also understates the value of the measures taken to address it.

- (c) The Company did not consider outage duration in the analysis of the mothballing of the Dunkirk generation.

- 5. Section 7.9 of the Dunkirk Mothball Study shows the results of contingency testing on four cases, the existing system with all Dunkirk generation in service, the system with the referenced reinforcements and either one 230 kV connected generator or one 115 kV connected generator in service and a case with the referenced reinforcements with no Dunkirk generation in service. Please note that a proposed second bus tie breaker project at Dunkirk is not proposed to be completed by 2013.

The Company did not complete testing of a case with both 115 kV units in service and both 230 kV units out of service, with the transmission reinforcements proposed. The Company did complete testing with the transmission reinforcements proposed and one 115kV unit in service. Since performance of the system with just one 115kV unit plus system reinforcements was close to that of the system with all four units in service and no transmission system reinforcements, then it was deemed not necessary to perform additional analysis on a case with two, 115kV units and transmission reinforcements.

- 6. Section 7.9 of the Dunkirk Mothball Study shows the results of contingency testing on four cases, the existing system with all Dunkirk generation in service, the system with the referenced reinforcements and either one 230 kV connected generator or one 115 kV connected generator in service and a case with the

referenced reinforcements with no Dunkirk generation in service. Please note that a proposed second bus tie breaker project at Dunkirk is not proposed to be completed by 2013.

The results shown in section 7.9 of the Study demonstrate that the referenced reinforcements will improve the system response for some contingencies such that the planned system performs better than the existing system with all Dunkirk units in service. However, for other contingencies, the existing system with the Dunkirk units in service performs better than the planned system. This is especially true of the system thermal performance.

Name of Respondent:
Jeff Maher

Date of Reply:
August 1, 2012

This document has been redacted for Critical Energy
Infrastructure Information (CEII). 7/31/2012

FINAL REPORT

REVIEW OF DUNKIRK MOTHBALL NOTICE – Part 1

Version 0

July 27, 2012

**Principal Contributor:
Jeffery Maher, PE**

**National Grid
300 Erie Blvd West
Syracuse, New York 13202**

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Table of Contents

1. Executive Summary	6
2. Introduction	8
3. Study Details.....	8
3.1. System Generation	8
3.2. Jamestown Generation and Load.....	8
3.3. Huntley Capacitor Bank and Use of the Mobile Capacitor Banks	9
3.4. Gardenville 230/115kV Transformers	9
3.5. Dunkirk 230/115kV Transformers	9
3.6. Beck – Packard #76	10
4. Study Methodology	10
4.1. Voltage Criteria	10
4.2. Thermal Criteria	11
4.3. Contingencies Tested.....	11
5. System Response for Outage of all Dunkirk Generation.....	12
6. Review of Dunkirk Generation Needs	30
6.1. Use of Dunkirk Generation in Real Time Operation	30
6.2. Review of Dunkirk Generation Needs for 230kV System Operation.....	31
6.3. Review of Dunkirk Generation Needs for 115kV System Operation.....	40
6.4. Summary of N-1 System Needs	50
6.5. Review of Selected N-1-1 Conditions	59
6.6. Additional Considerations	61
7. Review of Short Duration Projects	62
7.1. Winter 2012-2013	62
7.2. Gardenville Capacitor Banks	62
7.3. Homer Hill Capacitor Bank.....	62
7.4. Dunkirk Capacitor Banks	62
7.5. Huntley Bus Tie Breaker	63
7.6. Packard Bus Tie Breaker.....	63
7.7. Distribution Station Supply Changes	63
7.8. Thermal Rating Changes	63
7.9. System Impact of Changes	64
8. Summery.....	97

List of Tables

Table 1: Study Base Case Conditions

Table 2: Study Voltage Levels

Table 3: Summer 230kV Analysis: Indeck in Service, Jamestown ~0 MW
Table 4: Summer 230kV Analysis: Indeck in Service, Jamestown ~70 MW
Table 5: Summer 230kV Analysis: Indeck Out of Service, Jamestown ~0 MW
Table 6: Summer 230kV Analysis: Indeck Out of Service, Jamestown ~70 MW
Table 7: Winter 230kV Analysis: Indeck in Service, Jamestown ~0 MW
Table 8: Winter 230kV Analysis: Indeck In Service, Jamestown ~70 MW
Table 9: Winter 230kV Analysis: Indeck Out of Service, Jamestown ~0 MW
Table 10: Winter 230kV Analysis: Indeck Out of Service, Jamestown ~70 MW
Table 11: Summer 115kV Analysis: Indeck in Service, Jamestown ~0 MW
Table 12: Summer 115kV Analysis: Indeck in Service, Jamestown ~70 MW
Table 13: Summer 115kV Analysis: Indeck Out of Service, Jamestown ~0 MW
Table 14: Summer 115kV Analysis: Indeck Out of Service, Jamestown ~70 MW
Table 15: Winter 115kV Analysis: Indeck In Service, Jamestown ~0 MW
Table 16: Winter 115kV Analysis: Indeck In Service, Jamestown ~70 MW
Table 17: Winter 115kV Analysis: Indeck Out of Service, Jamestown ~0 MW
Table 18: Winter 115kV Analysis: Indeck Out of Service, Jamestown ~70 MW
Table 19: Summer Thermal Analysis: Indeck In Service, Jamestown ~0 MW
Table 20: Summer Thermal Analysis: Indeck In Service, Jamestown ~70 MW
Table 21: Summer Thermal Analysis: Indeck Out of Service, Jamestown ~0 MW
Table 22: Summer Thermal Analysis: Indeck Out of Service, Jamestown ~70 MW
Table 23: Generation Needs: Summer, Indeck In Service, Jamestown ~0 MW
Table 24: Generation Needs: Summer, Indeck In Service, Jamestown ~70 MW
Table 25: Generation Needs: Summer, Indeck Out of Service, Jamestown ~0 MW
Table 26: Generation Needs: Summer, Indeck Out of Service, Jamestown ~70 MW
Table 27: Generation Needs: Winter, Indeck In Service, Jamestown ~0 MW
Table 28: Generation Needs: Winter, Indeck In Service, Jamestown ~70 MW
Table 29: Generation Needs: Winter, Indeck Out of Service, Jamestown ~0 MW
Table 30: Generation Needs: Winter, Indeck Out of Service, Jamestown ~70 MW
Table 31: Local Generation Needs: Summer, Indeck In Service, Jamestown ~0 MW
Table 32: Local Generation Needs: Summer, Indeck In Service, Jamestown ~70 MW
Table 33: Local Generation Needs: Summer, Indeck Out of Service, Jamestown ~0 MW
Table 34: Local Generation Needs: Summer, Indeck Out of Service, Jamestown ~70 MW
Table 35: Local Generation Needs: Winter, Indeck In Service, Jamestown ~0 MW
Table 36: Local Generation Needs: Winter, Indeck In Service, Jamestown ~70 MW
Table 37: Local Generation Needs: Winter, Indeck Out of Service, Jamestown ~0 MW
Table 38: Local Generation Needs: Winter, Indeck Out of Service, Jamestown ~70 MW
Table 39: Remaining System Issues: Summer, Indeck In Service, Jamestown ~0 MW
Table 40: Remaining System Issues: Summer, Indeck In Service, Jamestown ~70 MW
Table 41: Remaining System Issues: Summer, Indeck Out of Service, Jamestown ~0 MW
Table 42: Remaining System Issues: Summer, Indeck Out of Service, Jamestown ~70 MW
Table 43: Remaining System Issues: Winter, Indeck In Service, Jamestown ~0 MW

Table 44: Remaining System Issues: Winter, Indeck In Service, Jamestown ~70 MW
Table 45: Remaining System Issues: Winter, Indeck Out of Service, Jamestown ~0 MW
Table 46: Remaining System Issues: Winter, Indeck Out of Service, Jamestown ~70 MW
Table 47: Results of N-1-1 Testing: Summer, Indeck In Service, Jamestown ~0 MW
Table 48: Results of N-1-1 Testing: Summer, Indeck In Service, Jamestown ~70 MW
Table 49: Results of N-1-1 Testing: Summer, Indeck Out of Service, Jamestown ~0 MW
Table 50: Results of N-1-1 Testing: Summer, Indeck Out of Service, Jamestown ~70 MW
Table 51: Remaining System Issues: Summer, Indeck In Service, Jamestown ~0 MW
Table 52: Remaining System Issues: Summer, Indeck In Service, Jamestown ~70 MW
Table 53: Remaining System Issues: Summer, Indeck Out of Service, Jamestown ~0 MW
Table 54: Remaining System Issues: Summer, Indeck Out of Service, Jamestown ~70 MW
Table 55: Remaining System Issues: Winter, Indeck In Service, Jamestown ~0 MW
Table 56: Remaining System Issues: Winter, Indeck In Service, Jamestown ~70 MW
Table 57: Remaining System Issues: Winter, Indeck Out of Service, Jamestown ~0 MW
Table 58: Remaining System Issues: Winter, Indeck Out of Service, Jamestown ~70 MW
Table 59: Summer Thermal Analysis: Indeck In Service, Jamestown ~0 MW
Table 60: Summer Thermal Analysis: Indeck In Service, Jamestown ~70 MW
Table 61: Summer Thermal Analysis: Indeck Out of Service, Jamestown ~0 MW
Table 62: Summer Thermal Analysis: Indeck Out of Service, Jamestown ~70 MW
Table 63: Results of N-1-1 Testing: Summer, Indeck In Service, Jamestown ~0 MW
Table 64: Results of N-1-1 Testing: Summer, Indeck In Service, Jamestown ~70 MW
Table 65: Results of N-1-1 Testing: Summer, Indeck Out of Service, Jamestown ~0 MW
Table 66: Results of N-1-1 Testing: Summer, Indeck Out of Service, Jamestown ~70 MW
Table 67: Results of N-1-1 Testing: Summer, Indeck In Service, Jamestown ~0 MW
Table 68: Results of N-1-1 Testing: Summer, Indeck In Service, Jamestown ~70 MW
Table 69: Results of N-1-1 Testing: Summer, Indeck Out of Service, Jamestown ~0 MW
Table 70: Results of N-1-1 Testing: Summer, Indeck Out of Service, Jamestown ~70 MW
Table 71: Pass/Fail Summary: Summer, Indeck In Service, Jamestown ~0 MW, ELL
Table 72: Pass/Fail Summary: Summer, Indeck In Service, Jamestown ~0 MW, LSL
Table 73: Pass/Fail Summary: Summer, Indeck In Service, Jamestown ~70 MW, ELL
Table 74: Pass/Fail Summary: Summer, Indeck In Service, Jamestown ~70 MW, LSL
Table 75: Pass/Fail Summary: Summer, Indeck Out of Service, Jamestown ~0 MW, ELL
Table 76: Pass/Fail Summary: Summer, Indeck Out of Service, Jamestown ~0 MW, LSL
Table 77: Pass/Fail Summary: Summer, Indeck Out of Service, Jamestown ~70 MW, ELL
Table 78: Pass/Fail Summary: Summer, Indeck Out of Service, Jamestown ~70 MW, LSL
Table 79: Pass/Fail Summary: Winter, Indeck In Service, Jamestown ~0 MW, ELL
Table 80: Pass/Fail Summary: Winter, Indeck In Service, Jamestown ~0 MW, LSL
Table 81: Pass/Fail Summary: Winter, Indeck In Service, Jamestown ~70 MW, ELL
Table 82: Pass/Fail Summary: Winter, Indeck In Service, Jamestown ~70 MW, LSL
Table 83: Pass/Fail Summary: Winter, Indeck Out of Service, Jamestown ~0 MW, ELL
Table 84: Pass/Fail Summary: Winter, Indeck Out of Service, Jamestown ~0 MW, LSL

Table 85: Pass/Fail Summary: Winter, Indeck Out of Service, Jamestown ~70 MW, ELL

Table 86: Pass/Fail Summary: Winter, Indeck Out of Service, Jamestown ~70 MW, LSL

Change Control

Version	Date	Modification	Author(s)	Reviews and Approvals by
0	July 27, 2012	Initial Document	J. Maher	C. Sedewitz, Director Transmission Planning

1. Executive Summary

This report reviews the system impact of the shutdown of coal fired generation at the Dunkirk facility in Western NY. Notice was received on March 14 2012 that NRG plans to place the units in protective layup for an unknown amount of time.

The following analysis shows that loss of these units would result in thermal and voltage problems [REDACTED] in Western NY. Chief among these concerns are low 230kV voltages at Gardenville and Huntley for various N-1 single element, N-1 multiple element and N-1-1 multiple element outages. [REDACTED]

[REDACTED] was the identification that many low voltage conditions that have been identified as existing on the 115kV system following an outage would be worse following the loss of support at Dunkirk. Some of these concerns are present even with Dunkirk generation in service, but the hours of exposure and load shedding that would be required to correct the system problems at peak times would both increase.

Once this determination was made, a review was begun to determine if running one or more units at Dunkirk could either correct or significantly reduce the exposure to these problems. This analysis has concluded that during peak periods, [REDACTED]

[REDACTED] This level of generation also reduces the exposure to outages on the 115kV system. Based on a review of the study results, it was concluded that for the summer, support of the 230kV voltages was critical and would require use of at least one 230kV connected unit and a second unit at either voltage. For the winter, the more critical issue is supporting the local 115kV voltages, which could be better achieved using two 115kV connected units. Two units would not be necessary during off peak periods.

In addition to these needs identified by this assessment, the risk of unplanned long duration outages of generators [REDACTED] or the failure of transformers or other major system components has also been considered. To protect against these concerns, it is recommended that a third unit also be available for summer periods. Based on feedback from System Operators, it is recommended that this third unit be the second 115kV connected machine.

System reinforcements will be necessary to restore the system to an acceptable level of service following the retirement of the units. The specific long term upgrades that would be necessary have not been identified. However, this study did examine the impact of completing several short duration projects. These included installation of 115kV capacitor banks at Gardenville, Dunkirk and Homer Hill, installation of 230kV bus tie breakers at Huntley and Packard and changing the transmission line supply for several distribution stations. Studies determined that completing these projects would allow the number of units necessary for system operation to be reduced to one, year round. No additional unit would be required to protect for an unexpected failure. A review of options to correct the thermal and voltage concerns that are present if no units were in service will be the subject of a follow up study and is not discussed here.

As noted in this assessment, loss of these units increases the reliance on the local 115kV connected generators. It is expected that they would need to run more often to support the system. If one or more of these local plants were not available for some reason, [REDACTED] area voltage problems would develop during contingency conditions. [REDACTED]

[REDACTED] The weakened system would also result in an increased exposure (severity and number of hours per year) to these

voltage concerns. Again, it would be expected that major system reinforcements, likely with lead times in excess of five years, would be necessary to correct these.

Therefore based on the system analysis presented in this report, it is recommended that at least two Dunkirk units be available to system operators for the winter of 2012-2013. Assuming that the proposed quick upgrades or system reinforcements discussed above are completed by June 1, 2013, the number of units that need to remain in service following June 1 can be reduced to one. Absent any of these projects, the number of units that would have been required would have been three.

Additional upgrades are currently being reviewed to determine what will be necessary to reduce the number of units to zero. It is expected that this will require at least the completion of the Five Mile Road 345/115kV station that is expected to be completed by June 2015 in and possibly other system reinforcements.