Replacement #16

ORIGINAL

DG 11-040
Liberty Handout - November 9, 2011 Technical Session (Updated April 18, 2012)
Prepared by Peter Eichler

N.H.P.U.C. Case No. DG //- 6 4/0

Exhibit No. # //6 Witness Fane/5

Incremental Cost of Service Analysis NOT REMOVE FROM FILE

(US\$ millions)

No.	ltem	Reference	Na	tional Grid	Lib	erty Energy		Variance
Expense								
	1 Granite State expenses	2-111	\$	16,181	\$	17,070	\$	889
	2 EnergyNorth expenses		\$	28,161	\$	29,036	\$	875
1+2:	=3 Total Expenses		\$	44,342	\$	46,106	\$	1,764
Integrati	ion Capex							
	4 Integration Capex - GS	1-72, ts 3-6	\$	3,100	\$.	2,266	\$	(834)
	5 Integration Capex - EN	1-72, ts 3-6	\$	7,100	\$	4,123	\$	(2,977)
4+5=	=6 Total Integration Capex		\$	10,200	\$	6,389	\$	(3,811)
	7 Equity Thickness		•	50%	<u> </u>	55%	•	5%
6*7=	=8 Equity Component		\$	5,100	\$	3,514	\$	(1,586)
	9 Return on Equity %		•	9.54%	,	9.54%		0%
8*9=1	10 Return on Equity \$		\$	487	\$	335	\$	(151)
	11 Tax Gross up		\$	262	\$	181	\$	(81)
	12 Revenue Impact of Equity Componer	nt of Capital	\$	749	\$	516	\$	(233)
1	13 Debt Thickness			50%		45%		-5%
1	14 Debt Component		\$	5,100	\$	2,875	\$	(2,225)
1	15 Deb Rate (Estimated for Liberty Utili	ties)		7.02%		5.50%		-1.5%
14*15=1	.6 Revenue Impact of Debt Component	of Capital	\$	358	\$	158	\$	(200)
1	17 Depreciation (8 year depreciation)		\$	1,275	\$	799	\$	(476)
12+16+1	7							
=18	Net Impact of Integration CapEx		\$	2,382	\$	1,472	\$	(909)
Capital S	tructure Impacts							
1	9 Equity Thickness			50%		55%		5%
2	20 Equity Return (based on most recent	rate case)		9.54%		9.54%		0%
	1 Pre-tax Equity Return			14.68%		14.68%		0%
2	2 Debt Thickness			50%		45%		-5%
2	3 Debt Cost			7.02%		5.50%		-2%
(19*21)+								
(22*23)=	2							
4	Weighted Average Cost of Capital			10.85%		10.55%		-0.3%
2	5 Forecast Rate Base at Closing		\$	256,000	\$	256,000	\$	-
24*25=20	6 Return on Rate Base at Closing			27,772		27,001	\$	(771)

Summary		2011	Revenues	Impact as % of Revenues
3 Impacts of Incremental Costs	\$ 1,764	\$	237,897	0.7%
18 Impacts of Incremental Integration Capex	\$ (909)			-0.4%
26 Impacts of Capital Structure changes	\$ (771)			-0.3%
Equals - Net Impact	\$ 84			0.04%

NATIONAL GRID/LIBERTY ENERGY DG 11-040

JOINT PETITIONERS' RESPONSES TO STAFF'S DATA REQUESTS – SET 2

Date Request Received: 05/6/11

Request No. Staff 2-111

Date of Response: 09/02/11 Witness: Gerald Tremblay

REQUEST:

Follow-Up to Petition and Testimony Filings

Reference Tremblay/Bronicheski pre-filed testimony at Bates Stamp 165, lines 10-18 and pre-filed testimony of Ian Robertson at Bates Stamp 20, lines 12-16. Has Algonquin specifically investigated, assessed or analyzed the question of whether the post-closing operating structure for Granite State and EnergyNorth under Liberty Utilities' ownership will be materially the same as or different from the cost structure existing under National Grid's ownership? If so, please provide a copy of any such investigation, assessment or analysis.

RESPONSE:

Liberty Energy NH has reviewed the costs structure currently employed by National Grid, and is in the preliminary stages of assessing the post-closing operating structure for Granite State and Energy North, which based on our experience will be materially similar for the service offering proposed in New Hampshire. Nothing has come to Liberty Energy NH's attention that would lead to the conclusion that it cannot provide similar service offering for similar costs. A copy of this analysis will be provided upon completion.

SUPPLEMENTAL RESPONSE:

Please see Attachment Staff 2-111. The estimated budget is preliminary and based on an analysis of the March 31, 2011 company financials by FERC account and not on a detailed line by line basis. It indicates a minimal increase in costs for both companies of approximately 4%, compared to normalized March 31, 2011 costs for Granite State and EnergyNorth (increased for two years of inflation only). This includes an increase in rent and lease expense for facilities of approximately 1% and an increase in labor costs because of the increased commitment by Liberty Energy NH to staff and provide services directly to the New Hampshire companies.

				National Grid			Liberty Energy			
Granite State Operating & Administration Costs 2011		:.						Inflation->	2.50%	
(°000 USD)		Actuals April to March	Ajustment		1.4.	Revised				
(000 050)		2011 Sum '000	required to existing P & L	Reference *	Inflation adjustment	April to March 2011	Budget	Variance	Budget 2012	
Uncollectible Accounts	904000	3007 000	existing F & L			Sum '000				
Cust Acct-Misc Expenses	905000	0.4			2.5%	0.41	0.4	-	- 0	
Customer Accts Oper Exp-Elec		1,275.11	-			1,306.98	1,306.98		1,339,66	-
Cust Service-Supervision	907000								7,000.00	
Cust Assistance Expenses	908000	(203.9)		С	2.5%	(208.98)	(000.0)			
Info&Instruct Advertising Exp	909000	3.4	(3.50)	c	2.5%	(0.06)	• • •	-	(214)	
Cust Service-Misc Expenses	910000	81.4	(0.00)	Ü	2.5%	83.45	(0) 83.4	-	(0)	
Demo & Selling Expenses	912000	(3.1)			2.5%			-	86	
Sales-Advertising Expense	913000	-			2.5%	(3.17)	(3.2)	-	(3))
Sales-Misc Expenses	916000	-			2.5%	-	-	•	-	
Cust Service & Info Expenses		(122.13)	(3.50)		2.3%	(128.77)	(128.8)		(132.0)	-
Administration Expenses-Q&M						(**************************************	(122.5)		(102.0)	,
A&G-Salaries	920000	10.0			2.5%	10.21	10,2			
A&G - Office Supplies & Other expenses	921000	1,141,9	_		2.5%	1,170.4	1,170.4	-	10	
Admin Expense Transferred-CR	922000	1.0			2.5%	1,170.4	·	-	1,199.7	
A&G-Outside Services Employed	923000	446.3			2.5%	457.42	1	-	1	
Property Insurance	924000	389.0					457.4	-	469	
Injuries & Damages Insurance	925000	903.4			2.5% 2.5%	398.72 926.03	398.7	•	409	
Employee Pensions & Benefits	926000	(1.4)			2.5%		926.0	-	949	
Regulatory Comm Expenses	928000	579.5			2.5%	(1.47) 593.96	* *	-	(2)	
A&G - Miscelleneous Expenses	930200	70.4	_		2.5%	72.2	594.0 14.6		609	
A&G-Rents	931000	163.4	_	E•	2.5%	167.52		(58)	14.9	Savings in GS Corporate non-labor
Administrative Oper Exp-Elec	40.000	100.4		_	2,5%		258.0	91		Rent additional space (incremental)
A&G Maint-General Plant-Elec	935000	1.3			2.5%	1.31	-	-		
Administrative Maint Expenses		7.0			2.5%	1.31	1.3	-	1	
Subtotal Administration Expenses-O&M		3,705	•			3,797	3,830	33	3,926	-
O&M Expenses		6,391	661			7,228	7,261	33	7,442	
O&M Expenses + Labor	•	15,125	661			16,181	17,070	889	17,497	
		*** - ***** *** *** * * * * * * * * * *				***************************************				

Reference *

A. The amount reimbursed by Fairpoint pertains to 2010 Storm related veg management expense and hence backed out of current year's budget projections. (Storm recoveries dependent on incremental costs only to quality for refund under the program).

B. Includes third party credit & collection expenses \$220K, bad debts \$500K, postage expenses \$220K

C. FERC Account #s 908000 relate to energy efficiency program and the expenses are offset by reimbursements under the program.

C. Also includes expenses incurred on contractors used in energy efficiency program and other related expenses and reimbursements.

D. Includes office materials, supplies from contractors, hardware and software expenses and miscellaneous leasing / rent of office equipment.

E* LE budget considers incremental rent applicable to Granite State. (Total projected rent for both GS and EN being \$450K)

Comits State Counting S. Administration Co. A. 2004	14	•		National Grid			Liberty Energy		
Granite State Operating & Administration Costs 201	11	Actuals April to March 2011 Sum '000	Ajustment required to existing P & L	Reference *	Inflation adjustment	Revised April to March 2011 Sum '000	Budget	Inflation> Variance	2.50% Budget 2012
Labor Costs		8,735				8,953	9,809	857	10,055
Transmission Expenses-O&M									
Schd, Sys Cntrl & Dispatch Srv	561400	-			2.5%	-	•	-	•
Trans Oper-Substations	562000	1.3			2.5%	1,34	1.3	•	1
Trans Oper-Overhead Lines	563000	0.6			2.5%	0.64	0.6	-	1
Trans Oper-Underground Lines Trans Oper-Wheeling Elec Rev Wheeling-Elim Sale for Resale-Tran CR-Elim	564000 565000 565035 565037	0.0							
Trans Oper-Misc Expenses	566000	1.0			2.5%	1.0	1.0	-	1
Trans Maint-Supervision & Eng	568000	0.3			2.5%	0.3	0.3		0
Trans Maint-Substations	570000	16.1			2.5%	16.54	16.5	-	17
Trans Maint-Substation-Trouble	570010	3.1			2.5%	3.14	3.1	-	3
Trans Maint-Overhead Lines	571000	(8.1)			2.5%	(8.26)	(8.3)	-	(8)
Trans Maint-Right of Way	571020	1.9			2.5%	1.93	1.9	-	2
Maint Transmission Facilities Subtotal Transmission Expenses-O&M		16.3				17	17	~	17
Distribution Expenses-Q&M Dist Oper-Supervision & Eng	580000	(84.3)			2.5%	(86,39)	(86.4)		(89)
Dist Oper-Load Dispatching	581000	4.5			2.5%	4.64	(80.4)	-	5
Dist Oper-Substations	582000	166.9			2.5%	171.10	171.1	-	175
Dist Oper-Overhead Lines	583000	54.6			2.5%	55.97	56.0		57
Dist Oper-Underground Lines	584000	77.6			2.5%	79.51	79.5		81
Dist Oper-Outdoor Lighting	585000	6.0			2.5%	6.16	6.2	_	6
Dist Oper-Electric Meters	586000	58.1			2.5%	59,58	59,6	_	61
Dist Oper-CustomerInstallation	587000	24.4			2.5%	25.05	25.0	-	26
Dist Oper-Misc Expenses	588000	301.0			2.5%	308.53	308.5	-	316
Dist Oper-Rents	589000	0.8			2.5%	0.82	0.8	-	1
Rents-Building-Dist-Elim	589001	3.6			2.5%	3.71	3,7	-	4
Dist Maint-Supervision & Eng	590000	2.4			2.5%	2.49	2.5	_	3
Dist Maint-Structures	591000	1.8			2.5%	1.84	1.8	-	2
Dist Maint-Substations	592000	38.5			2.5%	39.46	39.5	-	40
Dist Maint-Substations-Trouble	592010	10.0			2.5%	10,27	10.3	-	11
Dist Maint-Overhead Lines	593000	(398.7)	664.10	Α	2.5%	271.99	272.0	-	279
Dist Maint-OH Lines-Trouble	593010	22.9			2.5%	23.45	23.4	-	24
Dist Maint-OH Lines-Veg Mgmt	593020	1,214.0			2.5%	1,244.38	1,244.4	-	1,275
Dist Maint-Underground Lines	594000	(12.4)			2.5%	(12.740)	(13)	-	(13)
Dist Maint-Line Transformers	595000	16.9			2.5%	17.28	17.3	-	18
Dist Maint-Outdoor Lighting	596000	(2.1)			2.5%	(2.15)	(2.1)	-	(2)
Dist Maint-Electric Meters	597000	10.3			2.5%	10.59	10.6	-	11
Maint Distribution Facilities Subtotal Distribution Expenses-O&M		1,517	664			2,236	2,235.5	-	2,291.4
Customer Expenses-O&M									
Cust Acct-Supervision	901000	4.6			2.5%	4.67	4.7	-	5
Cust Acct-Meter Reading Exp	902000	27.7			2.5%	28.39	28.4	-	29
Cust Records & Collection	903000	1,242.5		В	2.5%	1,273.52	1,273.5	-	1,305

			National Grid			Liberty Energy		
EnergyNorth Operating & Administration Costs 2011							Inflation>	2.50%
	Actuals	Ajustment			Revised			
(000 USD)	April to March	required to	Reference *	Inflation	April to March	Budget	Variance	Budget
	2011			adjustment	2011			2812
OR M Evenesse at link an	Sum '000	existing P & L			Sum '000			
O&M Expenses + Labor	25,925	1,549			28,161	1 29,036	876	29,762

Reference *

- A. Bad debts for 2010 includes bad debt provision that was reversed following PwC assessment. Assessed bad debt charge off is \$2.5M for EN. B. FERC Account #8 908000 relate to energy efficiency program and the expenses are offset by reimbursements under the program. C. Includes rental cost of CIS system (\$65K), prinbting and mailing expenses (\$475K) and amount expended on contractors (\$135K). D. Gas marketing and advertising expenses to retain business, advertising at trade shows to promote gas sales.

- E. \$1.4M relating to rate case expense charged to Income Statement not expected to be incurred therefore excluded from budget. F* LE budget considers incremental rent applicable to Granite State. (Total projected rent for both GS and EN being \$450K)

	l		National Grid			Liberty Energy		
EnergyNorth Operating & Administration Costs 2011							Inflation->	2.50%
Here the second of the second	Actuals	Ajustment			Revised		BANKAL->	2.50%
(000 USD)	April to March	required to	Reference *	Inflation	April to March	Budget	Variance	Budget
	2011 Sum '000	existing P & L		adjustment	2011 Sum 1000			2012
					Juni 000	(According to the Carlotte Control	Marie Company	
Labor Costs Gas Expenses-O&M	16,977				17,402	17,947	546	18,396
T&D-Meas & Reg Station Expense 857000	61.73							
Gas Oper-Trans Rents 860000	01.73			2.5%	63,28	63.28	•	65
Gas Oper-Dist Supv & Eng 870000	1			2.5%	-		-	• .
Gas Oper-Dist-Mains & Services 874000	669			2.5%	0.99	0.99	-	1
Gas Oper-Residential Meter Exp 878000	182			2.5% 2.5%	685.67	685.67	-	703
Gas Oper-Customer Installation 879000	(38)			2.5%	186.12	186.12	-	191
Gas Oper-Misc Expenses 880000	55			2.5%	(38.84)		•	(40)
Gas Maint-Supervision & Eng 885000	74			2.5%	56.52 75.47	56.52 75.47	•	58 77
Gas Maint-Structures 886000	11			2.5%	10.99	75,47 10.99	-	11
Gas Maint-Mains 887000	1,322			2.5%	1,355.43	1,355.43	-	11 1,389
Gas Maint-Station Exp-General 889000	138			2.5%	141.72	1,353.43	•	1,369
Gas Maint-Services 892000	448			2.5%	459.04	459.04	-	145 471
Gas Maint-Residential MeterExp 893000	23			2.5%	23.24	23.24	•	24
Maintenance of Other Equipment 894000	2.0			2.5%	23,24	23.24	•	24
Maintain Gas Facilities								
Subtotal Gas Expenses-O&M	2,946	•			3,020	3,020	-	3,095
Customer Expenses-O&M								
Cust Acct-Supervision 901000	8			2.5%	8.26	8.26		8
Cust Acct-Meter Reading Exp 902000	51			2.5%	51.93	51.93	_	53
Cust Records & Collection 903000	769		С	2.5%	788.26	788.26	-	808
Uncollectible Accounts 904000	(503)	2,954	Ā	2.5%	2,512.25	2,512.25	-	2,575
Cust Acct-Misc Expenses 905000	1	_,	••	2.5%	1.06	1.06		1
Customer Accts Oper Exp-Gas	326	2,954		2.5 17	3,362	3,362		3,446
Cust Service-Supervision 907000	(2)			2.5%	(1.86)		-	(2)
Cust Assistance Expenses 908000	4		В	2.5%	3.61	3.61	-	4
Info&Instruct Advertising Exp 909000	0			2.5%	0.02	0.02	-	0
Cust Service-Misc Expenses 910000	3			2.5%	2.69	2.69	-	3
Demo & Selling Expenses 912000	576		, D	2.5%	590.21	590.21	-	605
Sales-Advertising Expense 913000	134		D	2.5%	137.72	137.72	-	141
Sales-Misc Expenses 916000	(171)			2.5%_	(175.14)			(180)
Cust Service & Info Expenses	544	-			557	557	•	571
Administration Expenses-O&M								
A&G-Salaries 920000	(5)			2.5%	(5.60)	(5.60)	-	(6)
A&G - Office Supplies & Other expenses 921000	1,870	-			1,917	1,917	-	1,965
Admin Expense Transferred-CR 922000	0			2.5%	0.02	0.02		0
A&G-Outside Services Employed 923000	1,385	(1,405)	Ε	2.5%	(20,39)		-	(21)
Property Insurance 924000	9	• •		2.5%	9,33	9,33	-	10
Injuries & Damages Insurance 925000	806			2.5%	826.44	826.44	-	847
Employee Pensions & Benefits 926000							-	-
Regulatory Comm Expenses 928000	856			2.5%	877.08	877.08	•	899
A&G - Miscelleneous Expenses 930200	(22)	-			(22)		171	152 Incr
A&G-Rents 931000	203		۴٠	2.5%	208.11	367.58	159	377 Ren
Administrative Oper Exp-Elec	-			2.5%	-	•	•	•
A&G-Maint-General Plant-Gas 932000	30			2.5%	30.75	30.75	• .	32
Administrative Maint Expenses Subtotal Administration Expenses-O&M	5,133	(1,405)			3,821	4,151	330	4,254
Castolal Mathematication Expenses-Odial	5,133	(1,405)			3,821	4,131	330	4,204
O&M Expenses	8,948	1,549			10,759	11,089	330	11,366

NATIONAL GRID/LIBERTY ENERGY DG 11-040

JOINT PETITIONERS' RESPONSES TO STAFF'S DATA REQUESTS – SET 1

Supplemental Response

Date Request Received: 04/04/11

Request No. Staff 1-72

Date of Supplemental Response: 09/02/11

Witness: Gerald Tremblay

Request:

Reference Tremblay/Bronicheski testimony, Bates 165, lines 13-16. Referring to the capital expenditures that will need to be invested to replace existing National Grid systems that belong to the service companies, rather than Granite State and EnergyNorth, please detail the expenditures for Granite State and EnergyNorth.

Response:

An initial estimate of capital expenditure required to replace National Grid systems is being prepared by the team leader for each functional area. Once complete, Liberty Energy will provide the details of the capital expenditures.

SUPPLEMENTAL RESPONSE:

Please see Supplemental Attachment Staff 1-72 for a preliminary estimate of costs to replace National Grid systems.

					implementation				
System				System Cost	Cost	Total	Granite State	Energy North	Total
System Operations	System Operations								
		ArcFM Solution	per quote	130	1,360	1,490	497	993	1,490
		ESRI GIS	Internal estimate	150	130	280	140	140	280
		Responder Software & OASys	per quote assumed 7	275		275	125	150	275
		Allegro	estimate	125	125	250	83	167	250
		Contingency	20%		409	409	152	257	409
System Operations				680	2,024	2,704	997	1,707	2,704
Customer Service	Front Office Systems								
	·	CIS-Cogsdale	per quote	252	520	772	257	515	772
		IVR-Vocantix	F	50	50	100	50	50	100
		Phones-CISCO	IT Dept	150	50	150	50	100	150
	Meter Data Managem						50	100	150
		MV90- Interval	estimate	100	50	150	50	100	150
		MVRS-Customer non interval	estimate	80	25	105	35	70	105
		Load Calculation system	estimate	200	50	250	83	167	250
	Web Site	•		50	50	100	50	50	100
		Contingency	20%		325	325	115	210	325
Customer Care		8-1		882	1,070	1,952	691	1,262	1,952
	nance Financial and Mainten	GP/Wennsoft-day 1 GP/Wennsoft-day n	per quote Estimate	116	495 250 122	612 250	204 83	408 167	250
Financial and Mainter	nance Financial and Mainten	GP/Wennsoft-day 1 GP/Wennsoft-day n Contingency		116					250 122
Financial and Mainter		GP/Wennsoft-day 1 GP/Wennsoft-day n Contingency	Estimate		250 122	250 122	83 41	167 82	612 250 122 984
Financial and Mainter Financial and Mainter		GP/Wennsoft-day 1 GP/Wennsoft-day n Contingency	Estimate		250 122	250 122	83 41	167 82	250 122
Financial and Mainter Financial and Mainter Security Systems		GP/Wennsoft-day 1 GP/Wennsoft-day n Contingency	Estimate	116	250 122 868	250 122 984	83 41 328	167 82 656	250 122 984
Financial and Mainter Financial and Mainter Security Systems	nance Management Systems	GP/Wennsoft-day 1 GP/Wennsoft-day n Contingency	Estimate 20%	116	250 122 868	250 122 984	83 41 328	167 82 656	250 122 984
Financial and Mainter Financial and Mainter Security Systems	nance Management Systems	GP/Wennsoft-day 1 GP/Wennsoft-day n Contingency Cameras/Gate Controls etc Licensing/Local Servers/Exchange C	Estimate 20%	116	250 122 868	250 122 984	83 41 328	167 82 656	250 122 984
Financial and Mainter Financial and Mainter Security Systems	nance Management Systems Microsoft Servers	GP/Wennsoft-day 1 GP/Wennsoft-day n Contingency Cameras/Gate Controls etc Licensing/Local Servers/Exchange C	Estimate 20%	100	250 122 868	250 122 984 100	83 41 328 33	67 82 656	250 122 984 100 206
Financial and Mainter Financial and Mainter Security Systems	nance Management Systems Microsoft Servers	GP/Wennsoft-day 1 GP/Wennsoft-day n Contingency Cameras/Gate Controls etc Licensing/Local Servers/Exchange Contrage PC including vehicle solutions	Estimate 20%	100 206 75	250 122 868	250 122 984 100 206	83 41 328 33 69	167 82 656 67 137	250 122 984 100 206
Financial and Mainter Financial and Mainter Security Systems	nance Management Systems Microsoft Servers	GP/Wennsoft-day 1 GP/Wennsoft-day n Contingency Cameras/Gate Controls etc Licensing/Local Servers/Exchange C	Estimate 20%	100	250 122 868	250 122 984 100	83 41 328 33	67 82 656	250 122 984 100 206
Financial and Mainter Financial and Mainter Security Systems	nance Management Systems Microsoft Servers Systems, Servers and S	GP/Wennsoft-day 1 GP/Wennsoft-day n Contingency Cameras/Gate Controls etc Licensing/Local Servers/Exchange C Storage PC including vehicle solutions Mobile Devices	Estimate 20%	116 100 206 75 15	250 122 868	250 122 984 100 206	83 41 328 33 69	167 82 656 67 137	250 122 984 100 206
Financial and Mainter Financial and Mainter Security Systems	nance Management Systems Microsoft Servers Systems, Servers and S	GP/Wennsoft-day 1 GP/Wennsoft-day n Contingency Cameras/Gate Controls etc Licensing/Local Servers/Exchange Contrage PC including vehicle solutions Mobile Devices Branch office Telecom Connections	Estimate 20%	116 100 206 75 15	250 122 868	250 122 984 100 206	83 41 328 33 69	167 82 656 67 137 50 10	250 122 984 100 206
Financial and Mainter Financial and Mainter Security Systems	nance Management Systems Microsoft Servers Systems, Servers and S	GP/Wennsoft-day 1 GP/Wennsoft-day n Contingency Cameras/Gate Controls etc Licensing/Local Servers/Exchange Contrage PC including vehicle solutions Mobile Devices Branch office Telecom Connections Network Equipment (firewalls, swite	Estimate 20%	116 100 206 75 15	250 122 868	250 122 984 100 206 75 15	83 41 328 33 69 25 5	167 82 656 67 137 50 10	250 122 984 100 206
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NATIONAL GRID/LIBERTY ENERGY

DG 11-040

JOINT PETITIONERS' RESPONSES TO STAFF'S TECH SESSION DATA REQUESTS – SET 3

Date Request Received: 10/18/11 Request No. Staff TS 3-6

Date of Response: 11/02/11 Witness: Timothy F. Horan

REQUEST:

Ref. Staff 3-41 and 3-42, which requested information about IT applications that National Grid may be transitioning to new applications.

- (a) Please provide cost estimates for the "strategic programme to rationalize the US portfolio of application systems" for each of the following years:
 - (i) 2012
 - (ii) 2013
 - (iii) 2014
- (b) Please provide costs estimates for each of these application systems in each of the above years:
 - CRIS
 - Smallworld GIS
 - PeopleSoft ERP Suite
 - Oracle Financials
 - ABB-S.P.I.D.E.R. EMS to ABB Network-Manager EMS
- (c) Please provide the cost allocation to each National Grid affiliate based on current cost allocation formulas, both percentage and dollar amount for each year.

RESPONSE:

- (a) and (b) Please see Attachments Staff TS 3-6(a) and (b) for EnergyNorth and Granite State's estimated portion of projected capital expenditures for IT projects through the end of fiscal year 2017.
- (c) Granite State receives approximately 30% of the New Hampshire allocations and EnergyNorth receives approximately 70%. See Attachments Staff TS 3-6(a) and (b) for the dollar amounts.

Capex

Energy North	Total prior to plan	FY13 Plan	FY14 Plan	FY15 Plan	FY16 Plan	FY17 Plan	Project Totals - FY 2017
Distribution/Outage Management System	-	-	-	-	-	*	-
ERP Back Office Programme	1.7	0.3	-	-	-	-	2.0
Front Office Programme	-	-	0.2	0.5	0.3	0.2	1.2
US Mobile Strategic Implementation	-	-	0.1	0.3	0.2	0.1	0.7
CRIS Customer System Conversion	-	-	-	-	0.0	0.6	0.6
Small World-GIS to ESRI -Gas	0.2	0.1	-	-	-	-	0.2
Other IT Capex projects	-	0.7	0.6	0.3	0.5	0.3	2.4
Total IT Capex	1.9	1.1	1.0	1.0	1.0	1.2	7.1

Note:Total prior to plan includes capex specific to named IT projects prior to FY 2013.

				Capex			
Granite State	Total prior to						Project Totals - FY
Division to	plan	FY13 Plan	FY14 Plan	FY15 Plan	FY16 Plan	FY17 Plan	2017
Distribution/Outage Management System	0.2	0.1	0.1	0.0	-	-	0.3
New England EMS Sysytem	0.1	0.0	0.0	-			0.1
ERP Back Office Programme	0.7	0.1	-	_	_	_	0.8
Front Office Programme	-	_	0.1	0.2	0.1	0.1	
US Mobile Strategic Implementation	_	_	0.1	0.2	0.1		0.5
CRIS Customer System Conversion	-	-	-	-	-	0.0 -	0.3
Small World-GIS to ESRI -Electric							
Sinds World Gib to Edity Electric		-	0.0	0.1	-	-	0.1
Other IT Capex projects	-	0.3	0.2	0.1	0.2	0.1	1.0
Total IT Capex	0.9	0.5	0.5	0.5	0.4	0.3	3.1

Note:Total prior to plan includes capex specific to named IT projects prior to FY 2013.