

**NSTAR Electric Company**

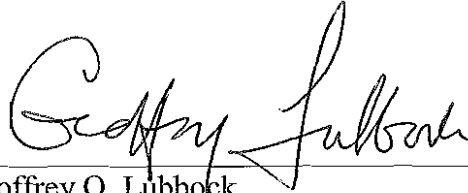
**Supplemental Workpapers**

**2010**

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## ATTESTATION

I, Geoffrey O. Lubbock, hereby attest that to the best of my knowledge, information and belief the data employed in the Annual True-up contained herein for NSTAR Electric Company (the "Company"), reflect the Company's per book costs for 2010, conform to the Company's 2010 FERC Form 1 Report, conform in all material respects to the FERC Uniform System of Accounts, and have been developed in accordance with the provisions of Schedule 21-NSTAR of Section II of the ISO New England Inc. Transmission, Markets and Services Tariff, and the Settlement Agreement approved by the Federal Energy Regulatory Commission in Docket Nos. ER07-549-000, ER07-549-001, EC06-126-002, EC06-126-003, and EL07-71-000.



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Geoffrey O. Lubbock  
Vice President, Financial Strategic Planning & Policy

May 31, 2011

# **NSTAR Electric Company**

## **2010 LNS Revenue Requirements**

**NSTAR Electric Company**  
**Annual Local Network Service Revenue Requirement**  
**Service Year Ended December 31, 2010**  
**Sheet 1**

Line	(a) Description	(b) Section	(c) Amount	(d) Reference
1	<b>Investment Base</b>	II.A.1		
2	Transmission Plant	II.A.1.a	\$ 1,293,294,035	Sheet 3, Line 1, Col (f)
3	Transmission Related Intangible & General Plant	II.A.1.b	17,476,506	Sheet 3, Line 4, Col (f)
4	Transmission Plant Held for Future Use	II.A.1.c	798,633	Sheet 3, Line 5, Col (f)
5	Transmission Related Construction Work in Progress	II.A.1.d	<u>7,165,733</u>	Sheet 3, Line 6, Col (f)
6	Total Plant		1,318,734,907	Sum Lines 2 thru 5
7	Trans Related Depreciation and Amortization Reserve	II.A.1.e	(364,601,333)	Sheet 3, Line 12, Col (f)
8	Transmission Related Accumulated Deferred Taxes	II.A.1.f	(167,590,661)	Sheet 3, Line 20, Col (f)
9	AFUDC Regulatory Liability	II.A.1.g	<u>(4,407,138)</u>	Sheet 3, Line 21, Col (f)
10	Total Net Plant		782,135,775	Sum Lines 6 thru 9
11	Transmission Related Gain/Loss on Reacquired Debt	II.A.1.h	5,019,346	Sheet 3, Line 22, Col (f)
12	Other Trans Related Regulatory Assets/Liabilities	II.A.1.i	6,537,918	Sheet 3, Line 28, Col (f)
13	Transmission Prepayments	II.A.1.j	28,184,683	Sheet 3, Line 29, Col (f)
14	Transmission Materials & Supplies	II.A.1.k	2,738,088	Sheet 3, Line 30, Col (f)
15	Transmission Related Cash Working Capital	II.A.1.l	<u>4,547,796</u>	Sheet 3, Line 35, Col (f)
16	<b>Total Investment Base</b>		<u>\$ 829,163,606</u>	Sum Lines 10 thru 15
17	<b>Revenue Requirement</b>			
18	Investment Return and Income Taxes	II.A.2	\$ 103,156,713	Sheet 2, Line 39, Col (c)
19	Transmission Depreciation and Amortization Expense	II.B	29,525,091	Sheet 4, Line 7, Col (f)
20	Amortization of Gain/Loss on Reacquired Debt	II.C	603,558	Sheet 4, Line 8, Col (f)
21	Transmission Related Amort. of Investment Tax Credits	II.D	(340,713)	Sheet 4, Line 9, Col (f)
22	Transmission Related Municipal Tax Expense	II.E	22,630,804	Sheet 4, Line 10, Col (f)
23	Transmission Related Payroll Tax Expense	II.F	952,968	Sheet 4, Line 11, Col (f)
24	Transmission Operation & Maintenance Expense	II.G	22,536,752	Sheet 4, Line 30, Col (f)
25	Trans Related Administrative and General Expense	II.H	13,943,460	Sheet 4, Line 42, Col (f)
26	Transmission Related Integrated Facilities Charges	II.I	-	Sheet 5, Line 10, Col (d)
27	Transmission Support Revenues	II.J	(4,412,564)	Sheet 5, Line 62, Col (d)
28	Transmission Support Expense	II.K	(97,844)	Sheet 5, Line 67, Col (d)
29	Transmission Related Expense from Generators	II.L	-	Sheet 5, Line 70, Col (d)
30	Transmission Rents Received from Electric Property	II.M	(2,348,608)	Sheet 5, Line 77, Col (d)
31	Short-Term and Non-Firm P-T-P Service Revenues	II.N	-	Sheet 5, Line 80, Col (d)
32	Regional Network Services (RNS) Revenues	II.O	(157,228,558)	Sheet 5, Line 85, Col (d)
33	Through or Out Revenues	II.P	-	Sheet 5, Line 88, Col (d)
34	ISO-NE Scheduling and Dispatch Revenues	II.Q	<u>(6,177,135)</u>	Sheet 5, Line 92, Col (d)
35	<b>Total LNS Revenue Requirement</b>		<u>\$ 22,743,924</u>	Sum Lines 18 thru 34
36	Wholesale LNS Revenues Received:			
37	Concord Municipal Light LNS transmission		(76,729)	Sheet 5, Line 56, Col (c)
38	Massport local network service		(292,801)	Sheet 5, Line 58, Col (c)
39	National Grid - Nantucket LNS transmission		(128,088)	Sheet 5, Line 59, Col (c)
40	MBTA local network service		<u>(581,973)</u>	Sheet 5, Line 54, Col (c)
41	Total Wholesale LNS Revenue		\$ (1,079,591)	Sum Lines 37 thru 40
42	<b>Total Retail LNS Revenue Requirement</b>		<u>\$ 21,664,333</u>	Line 35 - Line 41
43	Average 12 CP			
44	Sum of Monthly Peaks (kw)		52,806,000	FF1: 400.17(b)
45	Average Peak		4,400,500	Line 44 / 12
46	Annual Rate per kw		\$ 5.1685	Line 35 / Line 45
47	Monthly Rate per kw		\$ 0.4307	Line 46 / 12
48	Daily Rate per kw		\$ 0.0142	Line 46 / 365

**NSTAR Electric Company**  
**Investment Return and Income Taxes**  
**Service Year Ended December 31, 2010**  
**Sheet 2**

Line	(a) Description	(b) Tariff Section	(c) Balance	(d) Capitalization Ratio *	(e) Cost *	(f) Weighted Cost *	(g) Equity Cost	(h) Reference
1	<b>Weighted Cost of Capital</b>	II.A.2.a						
2	Long Term Debt	II.A.2.a.i	\$ 1,609,990,151	42.3270%	5.3862%	2.4038%		FF1: Page 112.24(c)
3	Preferred Stock	II.A.2.a.ii	43,000,000	1.1305%	4.5581%	0.0361%	0.0361%	FF1: Page 112.3(c)
4	Common Equity	II.A.2.a.iii	<u>2,150,708,925</u>	56.5426%	11.1400%	<u>6.0802%</u>	<u>6.0802%</u>	FF1: Page 112.16(c) - Line 3(c)
5	Total		<u>\$ 3,803,699,076</u>			<u>8.5201%</u>	<u>6.1163%</u>	Sum Lines 2 thru 4
								ROE per Schedule 21 - NSTAR Attachment D Page 61 <a href="http://www.iso-ne.com/regulatory/tariff/sect_2/sch21/index.html">http://www.iso-ne.com/regulatory/tariff/sect_2/sch21/index.html</a>
6	<b>Investment Return</b>	II.A.2						
7	Total Investment Base		\$ 829,163,606					Sheet 1, Line 16, Col (c)
8	Weighted Cost of Capital		8.5201%					Line 5, Col (f)
9	Total Return on Investment		<u>\$ 70,645,251</u>					Line 7 * Line 8
10	<b>Federal Income Tax</b>	II.A.2.b						
11	A = Equity Cost		6.1163%					Line 5, Col (g)
12	B = Transmission Amortization of ITC		\$ (340,713)					Sheet 1, Line 21, Col (c)
13	C = Equity AFUDC		-					FF1: Page 117.38
14	Total B + C		(340,713)					Line 12 + Line 13
15	D = Investment Base		829,163,606					Line 7
16	(B + C) / D		-0.04%					Line 14 / Line 15
17	(A + [(C + B) / D])		6.08%					Line 11 + Line 16
18	FT = Federal Income Tax Rate		35.00%					Federal corporate tax rate
19	1 - FT		65.00%					1 - Line 18
20	Federal Tax Factor		<u>3.27124%</u>					Line 17 * Line 18 / Line 19
21	Total Federal Income Taxes		<u>\$ 27,123,967</u>					Line 15 * Line 20
22	<b>State Income Tax</b>	II.A.2.c						
23	A = Equity Cost		6.1163%					Line 5, Col (g)
24	B = Transmission Amortization of ITC		\$ (340,713)					Sheet 1, Line 21, Col (c)
25	C = Equity AFUDC		-					FF1: Page 117.38
26	Total B + C		(340,713)					Line 24 + Line 25
27	D = Investment Base		829,163,606					Line 7
28	(B + C) / D		-0.04%					Line 26 / Line 27
29	(A + [(C + B) / D])		6.08%					Line 23 + Line 28
30	ST = State Income Tax Rate		6.50%					Massachusetts corporate tax rate
31	1 - ST		93.50%					1 - Line 30
32	Federal Tax Factor		<u>3.27124%</u>					Line 23
33	State Tax Factor		<u>0.64975%</u>					(Line 29 + Line 32) * Line 30 / Line 31
34	Total State Income Taxes		<u>\$ 5,387,495</u>					Line 27 * Line 33
35	<b>Investment Return and Income Taxes</b>	II.A.2						
36	Return on Investment		\$ 70,645,251					Line 9
37	Federal Income Taxes		27,123,967					Line 21
38	State Income Taxes		<u>5,387,495</u>					Line 34
39	<b>Total Return and Income Taxes</b>		<u>\$ 103,156,713</u>					Sum Lines 36 thru 38

\* Note that weighting and cost are determined on Sheet 7

NSTAR Electric Company  
 Investment Base  
 Service Year Ended December 31, 2010  
 Sheet 3

Line	(a) Description	(b) Tariff Section	(c) Total	(d) Allocator	(e) Factor	(f) Allocations		(g) Reference
						LNS Amount		
1	Transmission Plant	II.A.1.a	\$ 1,293,294,035	Direct	100.0000%	\$ 1,293,294,035		FF1: Page 207.58(g)
2	General Plant		184,521,250	W&S	8.6768%	16,010,563		FF1: Page 207.99(g)
3	Intangible Plant		16,894,946	W&S	8.6768%	1,465,943		FF1: Page 205.5(g)
4	<b>Total Intangible &amp; General Plant</b>	II.A.1.b				<u>17,476,506</u>		Sum Lines 2 thru 3
5	Transmission Plant Held for Future Use	II.A.1.c	798,633	Direct	100.0000%	798,633		FF1: Page 214.14, 15 & 16(d)
6	Transmission Related CWIP	II.A.1.d	14,331,465	CWIP	50.0000%	7,165,733		FF1: Page 216.18, 19, 20(b) Trans only
7	Transmission Related Dep & Amort Reserve	II.A.1.e						
8	Transmission Accumulated Depreciation		(357,324,350)	Direct	100.0000%	(357,324,350)		FF1: Page 219.25(b)
9	General Plant Accumulated Depreciation		(66,433,323)	W&S	8.6768%	(5,764,295)		FF1: Page 219.28(b)
10	General Plant Accumulated Amortization		(6,458,965)	W&S	8.6768%	(560,432)		FF1: Page 200.21(c) Footnote
11	Intangible Plant Accumulated Amortization		(10,974,711)	W&S	8.6768%	(952,255)		FF1: Page 200.21(c) Footnote
12	<b>Total Transmission Related Depreciation Reserve</b>		<u>(441,191,349)</u>			<u>(364,601,333)</u>		Sum Lines 8 thru 11
13	Transmission Accumulated Deferred Taxes	II.A.1.f						
14	Accumulated Deferred Taxes (190)		74,736,516		8.3661%	6,252,545		Sheet 8, Line 13, col (d)
15	Accumulated Deferred Income Taxes (281)		-			-		FF1: Page 113.62(c)
16	Accumulated Deferred Taxes - Property (282)		(602,787,456)					FF1: Page 275.9(k)
17	Less Transition Property		-					FF1: Page 275.4(k)
18	Net Acc. Def. Income Taxes - Other Property (282)		(602,787,456)	Plant	24.1920%	(145,826,430)		Sum Lines 16 thru 17
19	Accumulated Deferred Income Taxes - Other (283)		(657,515,365)		4.2610%	(28,016,776)		Sheet 8, Line 31, col (d)
20	<b>Total</b>					<u>(167,590,661)</u>		Sum Lines 17 thru 19
21	AFUDC Regulatory Liability	II.A.1.g	(4,407,138)	Direct	100.00%	(4,407,138)		FF1: Page 278.6(f)
22	Gain/Loss on Reacquired Debt	II.A.1.h	20,747,945	Plant	24.1920%	5,019,346		FF1: Page 111.81(c)+113.61(c)
23	Other Regulatory Assets	II.A.1.i						
24	FAS 106 (182.3 & 254)		1,546,517	W&S	8.6768%	134,188		FF1: Page 232.1.33(f)
25	ASC 740 (182.3 & 254 - FAS 109)		32,986,993					FF1: Page 232.1.23(f)
26	Less ASC 740 Liability (182.3 & 254 - FAS 109)		(6,516,564)					FF1: Page 278.2(f)
27	Net ASC 740 (182.3 & 254 - FAS 109)		26,470,429	Plant	24.1920%	6,403,730		Sum Lines 25 thru 26
28	<b>Total Other Regulatory Assets</b>		<u>28,016,946</u>			<u>6,537,918</u>		Line 24 + line 27
29	Prepayments	II.A.1.j	324,827,597	W&S	8.6768%	28,184,683		FF1: Page 111.57(c)+ 232.2.2(f)
30	Transmission Materials & Supplies	II.A.1.k	2,738,088	Direct	100.0000%	2,738,088		FF1: Page 227.8(c)+227.5(c) footnote
31	Cash Working Capital	II.A.1.l						
32	Operation & Maintenance Expense		22,536,752	WC	12.50%	2,817,094		Sheet 1, Line 24, col (c)
33	Administrative & General Expense		13,943,460	WC	12.50%	1,742,932		Sheet 1, Line 25, col (c)
34	Transmission Support Expenses		(97,844)	WC	12.50%	(12,231)		Sheet 1, Line 28, col (c)
35	<b>Total Cash Working Capital</b>		<u>36,382,368</u>			<u>4,547,796</u>		Sum Lines 32 thru 33

	Description	Allocation Factor	Reference
36			
37	Direct Allocation (Direct)	100.0000%	
38	Wages & Salary (W&S)	8.6768%	Sheet 6, Line 6(c)
39	Plant Allocation (Plant)	24.1920%	Sheet 6, Line 14(c)
40	Construction Work in Progress Allocation (CWIP)	50.0000%	Sheet 6, Line 15(c)
41	Cash Working Capital (WC)	12.50%	Tariff Section II.A.1.l

**NSTAR Electric Company**  
**Transmission Expenses**  
**Service Year Ended December 31, 2010**  
**Sheet 4**

Line	(a) Description	(b) Tariff Section	(c) Total	(d) Allocator	(e) Factor	(f) Allocations		(g) Reference
						LNS Amount		
1	<b>Transmission Depreciation Expense</b>	II.B						
2	Transmission Depreciation	II.B.i	\$ 28,486,191	Direct	100.0000%	\$ 28,486,191		FF1: Page 336.7(f)
3	General Plant Depreciation and Amortization	II.B.ii	10,337,429	W&S	8.6768%	896,959		FF1: Page 336.10(f)
4	Amortization of Transmission Related Intangible Plant		3,276,290	W&S	8.6768%	284,278		FF1: Page 336.1(f)
5	Amortization of AFUDC Regulatory Credit		(142,337)			(142,337)		FF1: Page 278.6(d)
6	Net Amortization of Transmission Related Intangible Plant		\$ 3,133,953			\$ 141,941		Sum Lines 4 and 5
7	Total Transmission Depreciation Expense		\$ 41,957,573			\$ 29,525,091		Sum Lines 2, 3 and 6
8	<b>Amortization of Gain/Loss on Recquired Debt</b>	II.C	\$ 2,494,866	Plant	24.1920%	\$ 603,558		FF1: Page 117.64c
9	<b>Transmission Related Amortization of ITC</b>	II.D	\$ (1,408,371)	Plant	24.1920%	\$ (340,713)		FF1: Page 114.19(c)
10	<b>Transmission Related Municipal Tax Expense</b>	II.E	\$ 93,546,588	Plant	24.1920%	\$ 22,630,804		FF1: Page 263.5(i)
11	<b>Transmission Related Payroll Tax Expense</b>	II.F	\$ 10,982,922	W&S	8.6768%	\$ 952,968		FF1: Page 263.8i
12	<b>Transmission Operation and Maintenance Expense</b>	II.G						
13	Operation Supervision & Engineering (560)		\$ 4,921,494	Direct	100.0000%	\$ 4,921,494		FF1: Page 321.83(b)
14	Load Dispatching (561)		-	Internal Costs		-		FF1: Page 321.84(b)
15	Load Dispatch - Reliability (561.1)		1,137,917	Internal Costs		1,137,917		FF1: Page 321.85(b) footnote
16	Load Dispatch-Mon and Oper Trans System (561.2)		1,106,469	Internal Costs		1,106,469		FF1: Page 321.86(b) footnote
17	Load Dispatch-Trans Service and Scheduling (561.3)		553,235	Internal Costs		553,235		FF1: Page 321.87(b) footnote
18	Scheduling, System Control and Dispatch Services (561.4)		12,321,416	External Costs		-		FF1: Page 321.88(b) footnote
19	Reliability, Planning and Standards Development (561.5)		229,444	External Costs		-		FF1: Page 321.89(b) footnote
20	Transmission Service Studies (561.6)		-	Internal Costs		-		FF1: Page 321.90(b) footnote
21	Generation Interconnection Studies (561.7)		-	Internal Costs		-		FF1: Page 321.91(b) footnote
22	Reliability, Planning and Standards Development (561.8)		198	External Costs		-		FF1: Page 321.92(b) footnote
23	Station Expenses (562)		2,349,887	Direct	100.0000%	2,349,887		FF1: Page 321.93(b)
24	Overhead Lines Expenses (563)		732,263	Direct	100.0000%	732,263		FF1: Page 321.94(b)
25	Underground Lines Expenses (564)		366,495	Direct	100.0000%	366,495		FF1: Page 321.95(b)
26	Miscellaneous Transmission Expenses (566)		778,159	Direct	100.0000%	778,159		FF1: Page 321.97(b)
27	Rents (567)		9,365,493	Direct	25.0059%	2,341,928		Sheet 5, Line 7, col (d)
28	Transmission Maintenance (568 - 573)		8,248,905	Direct	100.0000%	8,248,905		FF1: Page 321.111(b)
29	Regional Market Expense (575)		150,494	Internal Costs	0.0000%	-		FF1: Page 322.131(b)
30	Total Transmission O&M Expense		\$ 42,261,869			\$ 22,536,752		Sum Lines 13 thru 29
31	<b>Transmission Related A&amp;G Expenses</b>	II.H						
32	Administrative and General Expenses	I.B	\$ 149,338,323					FF1: Page 323.197(b)
33	Property Insurance (924)		(559,763)					FF1: Page 323.185(b)
34	Employee Pension and Benefits (926)		(68,182,320)					FF1: Page 323.187(b)
35	Regulatory Commission Expense (928)		(8,723,785)					FF1: Page 323.189(b)
36	General Advertising Expense (930.1)		(354,573)					FF1: Page 323.191(b)
37	Sub-Total	II.H.1	71,517,882	W&S	8.6768%	6,205,473		Sum Lines 32 thru 36
38	Property Insurance (924)	II.H.2	559,763	Plant	24.1920%	135,418		Line 33
39	Employee Pension and Benefits (926) - Note 1	II.H.1	68,182,320	W&S	8.6768%	5,916,052		Line 34
40	Regulatory Commission Expense (928)	II.H.3	8,723,785	Footnote	19.3324%	1,686,517		Line 61
41	General Advertising Expense (930.1)	I.B	354,573		0.0000%	-		Line 36
42	Total Transmission Related A&G Expenses		\$ 149,338,323			\$ 13,943,460		Sum Lines 37 thru 41
43	Regulatory Commission Expense (928)	II.H.3						
44	DPU - General Assessment		\$ 3,417,527		0.0000%	\$ -		FF1: Page 350.1 (d)
45	DPU - Appropriation Account		2,520,217		0.0000%	-		FF1: Page 350.2 (d)
46	DPU - AGO Assessment #1		585,348		0.0000%	-		FF1: Page 350.3 (d)
47	DPU - AGO Assessment #2		56,959		0.0000%	-		FF1: Page 350.4 (d)
48	DPU - Outage Reporting Assessment		(48,922)		0.0000%	-		FF1: Page 350.5 (d)
49	DPU - Green Communities Act Assessment		205,753		0.0000%	-		FF1: Page 350.6 (d)
50	MA Emergency Management Agency		34,225		0.0000%	-		FF1: Page 350.7 (d)
51	FERC Assessment		1,522,267	Direct	100.0000%	1,522,267		FF1: Page 350.8 (d)
52	DPU Regulatory Proceeding Costs 05-85		266,161		0.0000%	-		FF1: Page 350.9 (d)
53	FERC Docket ER10-757		94,818	Direct	100.0000%	94,818		FF1: Page 350.10 (d)
54	FERC Docket ER09-207; EL07-81; ER08-627; ER08-615		14,440	Direct	100.0000%	14,440		FF1: Page 350.12 (d)
55	FERC Docket ER08-1512; ER10-438		9,811	Direct	100.0000%	9,811		FF1: Page 350.13 (d)
56	FERC Docket ER08-1209		2,681	Direct	100.0000%	2,681		FF1: Page 350.14 (d)
57	FERC Docket EL08-48		4,921	Direct	100.0000%	4,921		FF1: Page 350.15 (d)
58	FERC Docket EL-48		2,450	Direct	100.0000%	2,450		FF1: Page 350.16 (d)
59	Belmont Interconnection		31,135	Direct	100.0000%	31,135		FF1: Page 350.17 (d)
60	Minor items		3,994	Direct	100.0000%	3,994		FF1: Page 350.18 (d)
61	Total Regulatory Commission Expenses	II.H.3	\$ 8,723,785		19.3324%	\$ 1,686,517		Sum Lines 44 thru 60
62	<b>Description</b>	<b>Allocation Factor</b>	<b>Reference</b>					
63	Direct Allocation (Direct)	100.0000%						
64	Wages & Salaries Allocation (W&S)	8.6768%	Sheet 6, Line 6(c)					
65	Plant Allocation (Plant)	24.1920%	Sheet 6, Line 14(c)					

**Note 1**

Included in the Employee Pension and Benefits Expenses are costs related to Post Retirement Benefits other than Pension (PBOP). PBOP costs are determined by an independent actuary as required by FASB 106. The net PBOP expense included in Account 926 for 2010 was \$19,025,000 as compared to \$17,624,000 in 2009; as shown on the FF1, page 323, footnote. Applying the labor allocator to the total PBOP expense results in \$1,650,764 of PBOP expense being recovered through the LNS Tariff in 2010 as compared to \$1,486,885 in the prior year.

Page 323 line 187 footnote

	2010	2009
PBOP	\$ 33,000,000	\$ 36,000,000
Capitalized PBOP & Medicare impact adjustment	(13,975,000)	(18,376,000)
Net PBOP in account 926	\$ 19,025,000	\$ 17,624,000
Wages & Salaries Allocation (W&S)	8.6768%	8.4367%
LNS portion of PBOP	\$ 1,650,764	\$ 1,486,885

NSTAR Electric Company  
 Support Expense & Revenue Detail  
 Service Year Ended December 31, 2010  
 Sheet 5

Line	(a) Description	(b) Tariff Section	(c) Amount	(d) Includable Amount	(e) Reference
1	Transmission Rents (Account 567)	II.G			
2	Hydro Quebec DC Phase I Support		\$ 753,576	\$ -	FF1: Page 321.98 (b) Footnote
3	Hydro Quebec DC Phase II Support		6,269,989	-	FF1: Page 321.98 (b) Footnote
4	New England Power Support		837,450	837,450	FF1: Page 321.98 (b) Footnote
5	Hydro Quebec Phase II NEP AC, Chester SVC		1,467,125	1,467,125	FF1: Page 321.98 (b) Footnote
6	Transmission Line Rents		37,353	37,353	FF1: Page 321.98 (b) Footnote
7	Total Transmission Rents Received		\$ 9,365,493	\$ 2,341,928	Sum Lines 2 thru 6
8	Transmission Related Integrated Facilities Charges	II.I	\$ -	\$ -	
9	- none -		-	-	
10	Total Trans Related Integrated Facilities Charges		\$ -	\$ -	Sum Lines 8 thru 9
11	Transmission Support Revenues 456 & 456.1	II.J			
12	Energy Efficiency incentive		\$ (6,504,793)	\$ -	FF1: Page 300.21(b) Footnote
13	Load response & load service fees		(106,160)	-	FF1: Page 300.21(b) Footnote
14	MBTA distribution facilities		(2,245,322)	-	FF1: Page 300.21(b) Footnote
15	MATEP distribution		(1,283,687)	-	FF1: Page 300.21(b) Footnote
16	CPSL programs		4,310,734	-	FF1: Page 300.21(b) Footnote
17	Referral revenue		(97,146)	-	FF1: Page 300.21(b) Footnote
18	Customer adjustments		(199,979)	-	FF1: Page 300.21(b) Footnote
19	Forward Capacity Market proceeds		(6,378,466)	-	FF1: Page 300.21(b) Footnote
20	Massport distribution facilities		(2,302,881)	-	FF1: Page 300.21(b) Footnote
21	PAM carrying charge		(1,250,997)	-	FF1: Page 300.21(b) Footnote
22	Power system services		(1,935,728)	-	FF1: Page 300.21(b) Footnote
23	NEPOOL Scheduling & Dispatch		(6,210,563)	-	FF1: Page 300.21(b) Footnote - See line 90
24	Enhanced billing & metering services		(818,221)	-	FF1: Page 300.21(b) Footnote
25	Associated company		(485,167)	-	FF1: Page 300.21(b) Footnote
26	CIAC adder		(1,849,970)	-	FF1: Page 300.21(b) Footnote
27	Account reactivation		(259,770)	-	FF1: Page 300.21(b) Footnote
28	Entergy off-site distribution facility support		(127,997)	-	FF1: Page 300.21(b) Footnote
29	Belmont support rev - distribution		(719,315)	-	FF1: Page 300.21(b) Footnote
30	Grid support revenues - distribution		(43,805)	-	FF1: Page 300.21(b) Footnote
31	Deferred AFP revenue		176,207	-	FF1: Page 300.21(b) Footnote
32	Circuit performance incentive		(500,000)	-	FF1: Page 300.21(b) Footnote
33	Net metering revenue		(578,429)	-	FF1: Page 300.21(b) Footnote
34	RGGI Proceeds		(10,251,189)	-	FF1: Page 300.21(b) Footnote
35	456 Other Electric Revenues		\$ (39,662,644)	\$ -	Sum Lines 12 thru 34
36	Hydro Quebec energy line usage		\$ (6,836,023)	\$ -	FF1: Page 300.22(b) Footnote - Transition Charge
37	Belmont support - transmission		(252,732)	(252,732)	FF1: Page 300.22(b) Footnote
38	National Grid support - transmission		(4,332)	(4,332)	FF1: Page 300.22(b) Footnote
39	Hydro Quebec phase 2 support		(386,173)	(386,173)	FF1: Page 300.22(b) Footnote
40	National Grid - Dewar St. facilities		(867,383)	(867,383)	FF1: Page 300.22(b) Footnote
41	EUA/NEP station 342 support		(63,954)	(63,954)	FF1: Page 300.22(b) Footnote
42	Montaup station 451 support		(11,779)	(11,779)	FF1: Page 300.22(b) Footnote
43	NEP lines 201-502 Medway		(4,633)	(4,633)	FF1: Page 300.22(b) Footnote
44	Reading lines 221 - 503/504 support		(160,901)	(160,901)	FF1: Page 300.22(b) Footnote
45	C/W subtrans facilities support		(67,056)	-	FF1: Page 300.22(b) Footnote
46	Wellesley transmission facilities supp.		(388)	(388)	FF1: Page 300.22(b) Footnote
47	ANP Blackstone Energy Co		(677,723)	(677,723)	FF1: Page 300.22(b) Footnote
48	AES Londonderry facilities		(11,780)	(11,780)	FF1: Page 300.22(b) Footnote
49	Merchants Way - Nantucket		(54,078)	(54,078)	FF1: Page 300.22(b) Footnote
50	Millennium Power Partners		(19,819)	(19,819)	FF1: Page 300.22(b) Footnote
51	Sithe Mystic interconnection		(1,334,239)	(1,334,239)	FF1: Page 300.22(b) Footnote
52	Mirant Kendall facilities		(445,317)	(445,317)	FF1: Page 300.22(b) Footnote
53	NEA interconnection facilities support		(42,972)	(42,972)	FF1: Page 300.22(b) Footnote
54	MBTA local network service		(581,973)	-	FF1: Page 300.22(b) Footnote
55	Transmission support revenue		(43,120)	(43,120)	FF1: Page 300.22(b) Footnote
56	Concord Municipal Light LNS transmission		(76,729)	-	FF1: Page 300.22(b) Footnote
57	RNS transmission revenue		(162,637,013)	-	FF1: Page 300.22(b) Footnote - See line 82
58	Massport local network service		(292,801)	-	FF1: Page 300.22(b) Footnote
59	National Grid - Nantucket LNS transmission		(128,088)	-	FF1: Page 300.22(b) Footnote
60	Entergy Pilgrim facilities		(31,241)	(31,241)	FF1: Page 300.22(b) Footnote
61	456.1 Transmission of Electricity by Others		\$ (175,032,247)	\$ (4,412,564)	Sum Lines 36 thru 60
62	Total Short Term & Non-Firm PTP Revenues		\$ (214,694,891)	\$ (4,412,564)	Sum Lines 35 and 61
63	Transmission Support Expense (565)	II.K			
64	New England Power Co		\$ (115,827)	\$ (115,827)	FF1: Page 332.1(h)
65	ISO-NE		238,828,749	-	FF1: Page 332.2(h)
66	Wellesley Municipal Lgt		17,983	17,983	FF1: Page 332.3(h)
67	Total Transmission Support Expense		\$ 238,730,905	\$ (97,844)	Sum Lines 64 thru 66
68	Transmission Related Expense from Generators	II.L			N/A
69	- none -		-	-	
70	Total Trans Related Expense from Generators		\$ -	\$ -	Sum Lines 68 thru 69

**NSTAR Electric Company**  
**Support Expense & Revenue Detail**  
**Service Year Ended December 31, 2010**  
**Sheet 5**

Line	(a) Description	(b) Tariff Section	(c) Amount	(d) Includable Amount	(e) Reference
71	Rents Received from Electric Property (454)	II.M			
72	Assoc Co. Rents		\$ (4,423,133)	\$ -	FF1: Page 300.19(b) Footnote
73	Pole Attachments - CATV		(1,571,408)	-	FF1: Page 300.19(b) Footnote
74	Tunnel rent		(527,372)	-	FF1: Page 300.19(b) Footnote
75	Wireless and Substation rents		(1,018,413)	-	FF1: Page 300.19(b) Footnote
76	Wireless and ROW rents - transmission		(2,348,608)	(2,348,608)	FF1: Page 300.19(b) Footnote
77	Total Rents Received		<u>\$ (9,888,934)</u>	<u>\$ (2,348,608)</u>	Sum Lines 72 thru 76
78	Short-Term and Non-Firm Point-to-Point Rev	II.N	\$ -	\$ -	N/A
79	- none -		-	-	
80	Total ST and Non-Firm Point-to-Point Revenues		<u>\$ -</u>	<u>\$ -</u>	Sum Lines 78 thru 79
81	Regional Network Service Revenues (456):	II.O			
82	RNS Transmission Revenue		\$ (162,637,013)	\$ (162,637,013)	Line 57
83	RNS PTF Post 2003 investment 1 % Adder		-	2,780,196	RNS Revenue Requirement
84	RNS PTF RTO Participation 0.5% Adder		-	2,628,259	RNS Revenue Requirement
85	Total Regional Network Services Revenues		<u>\$ (162,637,013)</u>	<u>\$ (157,228,558)</u>	Sum Lines 82 thru 84
86	Through or Out Revenues - OATT Schedule 8	II.P	\$ -	\$ -	
87	Through or Out Revenues - OATT Schedule 1		-	-	
88	Total Through or Out Revenue		<u>\$ -</u>	<u>\$ -</u>	Sum Lines 86 thru 87
89	ISO-NE Scheduling & Dispatch Revenue	II.Q			
90	Nepool Scheduling & Dispatch Revenue		\$ (6,210,563)	\$ (6,210,563)	Line 23
91	RTO Participation 0.5% Adder		-	33,428	RNS Schedule 1 Revenue Requirement
92	Total ISO-NE Scheduling & Dispatch Revenue		<u>\$ (6,210,563)</u>	<u>\$ (6,177,135)</u>	Sum Lines 90 thru 91

**NSTAR Electric Company  
 Allocation Factors  
 Service Year Ended December 31, 2010  
 Sheet 6**

(a)	(b)	(c)	(d)	
<u>Line</u>	<u>Description</u>	<u>Tariff Section</u>	<u>Amount</u>	<u>Reference</u>
1	<b>Transmission Wages &amp; Salaries Allocation Factor</b>	I.A.1		
2	Transmission Related Direct Wages & Salaries		\$ 10,483,157	FF1: Page 354.21(b)
3	Total Direct Wages & Salaries		\$ 159,731,913	FF1: Page 354.28(b)
4	Administrative & General Wages & Salaries		38,913,852	FF1: Page 354.27(b)
5	Net Total Direct Wages & Salaries		\$ 120,818,061	Line 3 less Line 4
6	Transmission Wages & Salaries Allocation Factor		<b>8.6768%</b>	Line 2 / Line 5
7	<b>Plant Allocation Factor</b>	I.A.2		
8	Transmission Plant Investment		\$ 1,293,294,035	FF1: Page 207.58(g)
9	HQ Leases		-	
10	Transmission Related General Plant		16,010,563	Sheet 3, Line 2, Col (f)
11	Transmission Related Intangible Plant		1,465,943	Sheet 3, Line 3, Col (f)
12	Total Transmission Plant Investment		\$ 1,310,770,541	Sum Lines 8 thru 11
13	Total Plant in Service		\$ 5,418,195,054	FF1: Page 207.104(g)
14	Plant Allocation Factor		<b>24.1920%</b>	Line 12 / Line 13
15	<b>Construction Work in Progress Allocation Factor</b>	II.A.1.d	<b>50.0000%</b>	

**NSTAR Electric Company**  
**Cost of Long Term Debt**  
**Service Year Ended December 31, 2010**  
**Sheet 7**

Line	Series	Dated	Term (Years)	Coupon Rate	(e) Original Issue	(f) Principal Amount Outstanding	(g) Percent of Total	(h) FF1:256(c) Debt Disc & Exp	(i) Call Premium on Debt	(j) Net Proceeds	(k) Cost to Maturity	(l) Weighted Cost	(m) Reference
Col f Total													
1	MIFA Bonds	2/8/94	20	5.75%	\$ 15,000,000	\$ 15,000,000	0.93%	\$ 300,705	\$ -	\$ 14,699,295	5.8502%	0.0543%	FF1: Page 256 & 257
2	4.875% Debentures	4/13/04	10	4.875%	300,000,000	300,000,000	18.58%	5,186,973	-	294,813,027	5.0479%	0.9377%	FF1: Page 256 & 257
3	7.800% Debentures	5/10/95	15	7.80%	125,000,000	-	0.00%	1,231,787	-	123,768,213	7.8657%	0.0000%	FF1: Page 256 & 257
4	4.875 Debentures	10/9/02	10	4.875%	400,000,000	400,000,000	24.77%	6,512,790	-	393,487,210	5.0378%	1.2478%	FF1: Page 256 & 257
5	5.750% Debentures	3/13/06	30	5.750%	200,000,000	200,000,000	12.38%	4,178,615	-	195,821,385	5.8196%	0.7207%	FF1: Page 256 & 257
6	5.625% Debentures	11/19/07	10	5.625%	300,000,000	300,000,000	18.58%	3,676,576	-	296,323,424	5.7476%	1.0677%	FF1: Page 256 & 257
7	5.625% Debentures	2/13/09	8	5.625%	100,000,000	100,000,000	6.19%	(3,632,338)	-	103,632,338	5.1710%	0.3202%	FF1: Page 256 & 257
8	5.500% Debentures	3/16/10	30	5.500%	300,000,000	300,000,000	18.58%	7,853,955	-	292,146,045	5.5873%	1.0379%	FF1: Page 256 & 257
9	Total				\$ 1,740,000,000	\$ 1,615,000,000	100.00%	\$ 25,309,063	\$ -	\$ 1,714,690,937	5.3862%		Sum Lines 1 Thru 8

**Cost of Preferred Stock**

Line	Series	Dated	Term	Coupon Rate	Original Issue	Principal Amount Outstanding	Percent of Total	Weighted Cost	Reference
10	4.25%	6/13/1956	N/A	4.25%	\$ 18,000,000	\$ 18,000,000	41.86%	1.7791%	FF1: Page 250 & 251(f)
11	4.78%	7/10/1958	N/A	4.78%	25,000,000	25,000,000	58.14%	2.7791%	FF1: Page 250 & 251(f)
12	Total				\$ 43,000,000	\$ 43,000,000	100.00%	4.5581%	Sum Lines 10 Thru 11

**Effective NSTAR ROI**  
 Tariff Section II.A.2.a

Line	Description	(a) Common	(b) Preferred	(c) LTD	(d) Total	(e) Reference
13	Amount	\$ 2,150,708,925	\$ 43,000,000	\$ 1,609,990,151	\$ 3,803,699,076	Sheet 2, lines 2 thru 4
14	Cost	11.1400%	4.5581%	5.3862%		See Note
15	Actual Weighting	56.5426%	1.1305%	42.3270%	100.0000%	Line 13 / Total Line 13
16	Weighted Cost	6.2988%	0.0515%	2.2798%	8.6302%	Line 14 * Line 15
17	70% of Weighted Cost	4.4092%	0.0361%	1.5959%		Line 16 * 70%
18	Tariff Weighting	50.0000%	0.0000%	50.0000%	100.0000%	Tariff Section II.A.2.a
19	Weighted Cost	5.5700%	0.0000%	2.6931%	8.2631%	Line 14 * Line 18
20	30% of Weighted Cost	1.6710%	0.0000%	0.8079%		Line 19 * 30%
21	Blended Cost of Capital	6.0802%	0.0361%	2.4038%	8.5201%	Line 17 + Line 20
22	Lower of Blended or Actual	6.0802%	0.0361%	2.4038%	8.5201%	Tariff Section II.A.2.a
23	<b>Note:</b>					
24	The Return on Equity component is specified in Tariff Section II.A.2.a.iii					
25	The Cost of Preferred Stock is calculated on line 12					
26	The Cost of Long Term Debt is calculated on line 9					
27	Lower of Blended or Actual on line 20 is based on Total NSTAR ROI col. (e)					



























































































































