



Exhibit No. 5
Attachment SRH-1
Dated: June 16, 2008

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM) CALCULATION
TRANSMISSION RATES PROPOSED FOR EFFECT ON JULY 1, 2008**

			(1) Current Rates Effective 07/01/2007	(2) 07/01/2008 Proposed Rates
	<u>Rate</u>	<u>Blocks</u>		
	R	All KWH	\$ 0.00826	\$ 0.01035
	Uncontrolled Water Heating	All KWH	\$ 0.00639	\$ 0.00800
	Controlled Water Heating	All KWH	\$ 0.00639	\$ 0.00800
	R-OTOD	On-peak KWH	\$ 0.00826	\$ 0.01035
		Off-peak KWH	\$ 0.00540	\$ 0.00676
	G	Load charge (over 5 KW)	\$ 2.14	\$ 2.68
		First 500 KWH	\$ 0.00770	\$ 0.00964
		Next 1,000 KWH	\$ 0.00290	\$ 0.00363
		All additional KWH	\$ 0.00156	\$ 0.00195
	Space Heating	All KWH	\$ 0.00770	\$ 0.00964
	G-OTOD	Load charge	\$ 1.41	\$ 1.77
	LCS	Radio-controlled option	\$ 0.00639	\$ 0.00800
		8-hour option	\$ 0.00639	\$ 0.00800
		10 or 11-hour option	\$ 0.00639	\$ 0.00800
	GV	First 100 KW	\$ 2.86	\$ 3.58
		All additional KW	\$ 2.86	\$ 3.58
	LG	Demand charge	\$ 2.81	\$ 3.52
	B	Demand charge	\$ 0.61	\$ 0.25
	OL, EOL	All KWH	\$ 0.00565	\$ 0.00708

Notes:

(1) Current rates are based on a retail average transmission rate of 0.752 ¢/KWH.

(2) Proposed rates are based on a retail average transmission rate of 0.935 ¢/KWH.

The calculation of the Rate B charge is shown on Attachment SRH-4. All other rates have been calculated by equi-proportionally adjusting current rates by the ratio necessary to recover the remaining transmission revenue requirement.

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM) CALCULATION
RATE B CUSTOMERS**

1	Base Component Revenue Requirement		
2			
3	Total Transmission Revenue Requirement	\$	77,106,000 RAB-1, Page 1, Line 13
4			
5	Times Base Component Ratio		0.38887% SRH-2, Page 2
6			
7	Base Component Forecasted Revenue Requirement	\$	299,841
8			
9	Base Component Reconciliation	\$	(274,950) SRH-2 Page 3
10			
11	Base Component Revenue Requirement	\$	24,891
12			
13	Rate B Projected Billing Demand		1,035,982
14			
15	Rate B Base Component (L11/L13)	\$	0.02 per kW or kVA

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM) CALCULATION
RATE B CUSTOMERS**

1 Contribution to NU System Peak (KW)			Ratio of
2			Rate B to
3	<u>Rate B</u>	<u>Total PSNH</u>	<u>Total PSNH</u>
4			
5 Jul '07	8,112	1,362,821	
6 Aug	5,219	1,670,761	
7 Sep	3,996	1,449,552	
8 Oct	265	1,117,594	
9 Nov	7,536	1,253,042	
10 Dec	449	1,408,513	
11 Jan '08	7,009	1,423,900	
12 Feb	-	1,318,645	
13 Mar (1)	1,886	1,217,368	
14 Apr (1)	20,215	1,130,794	
15 May (1)	3,782	1,117,110	
16 Jun (1)	3,915	1,572,349	
17			
18 Average	5,199	1,336,871	0.38887%

(1) Estimated data

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM) CALCULATION
RATE B CUSTOMERS**

1	Base Component Reconciliation, 12 months ending June 30, 2008		
2			
3	Prior Period Transmission Revenue Requirement:		
4			
5	Retail Transmission Operating Costs	\$ 59,727,000	RAB-1, Pages 4 & 5, line 17
6	(Over)/Underrecovery for period ending 6/30/07	\$ 2,036,000	RAB-1, Page 4, line 21
7	Return on monthly (over)/underrecovery	\$ (23,000)	RAB-1, Pages 4 & 5, line 36
8			
9	Prior Period Transmission Revenue Requirement	\$ 61,740,000	
10			
11	Times Base Component Ratio	0.38887%	SRH-2, Page 2
12			
13	Prior Period Base Component Revenue Requirement	\$ 240,087	
14			
15	Base Component Reconciliation for 12-Month Period Ending 6/30/07	\$	
16			
17	Total Base Component Revenue Requirement	\$ 240,087	
18			
19	Base Component Revenue (actual through 5/08; 6/08 estimated)	\$ 515,037	
20			
21	Base Component Reconciliation	\$ (274,950)	

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM) CALCULATION
ALLOCATION OF JULY 1, 2008 TRANSMISSION REVENUE TO CLASS
BASED ON BILLING DETERMINANTS FOR THE 2005 TEST YEAR, AS PROFORMED**

1	Retail delivery sales for the 2005 test year, as proformed			8,106,833	MWH
2	Forecasted TCAM Rate (from Attachment RAB-1, Page 1, Line 17)			\$ 0.00935	per KWH
3	Target transmission revenue based on the test year: Line (1) x Line (2)			\$ 75,799	(000)
4	Special pricing delivery sales included in Line (1)			23,032	MWH
5	Transmission revenue from special pricing at proposed rate level: Line (2) x Line (4)			\$ 215	(000)
6	Rate B Base Component Revenue, based on the test year (from Attachment SRH-4)			\$ 21	(000)
7	Transmission revenue to be recovered from all other classes: Line (3) - Line (5) - Line (6)			\$ 75,563	(000)
8					
9					
10					
11		(1)	(2)	(3)	(4)
12					
13		Revenue at	07/01/2008		
14	Standard Tariff Customers	07/01/2007	Revenue	<u>Increase</u>	
15	excluding Rate B Base Component	<u>Rate Level</u>	<u>Target</u>	\$	%
16					
17	Residential Rates R, R-OTOD	\$ 25,823	\$ 32,343	\$ 6,520	25.25%
18					
19	General Service Rates G, G-OTOD	13,908	17,419	3,512	25.25%
20					
21	Primary General Service Rate GV	11,858	14,853	2,994	25.25%
22	GV Rate B - incremental component only	4	4	1	25.25%
23					
24	Large General Service Rate LG	8,311	10,409	2,098	25.25%
25	LG Rate B - incremental component only	185	231	47	25.25%
26					
27	Outdoor Lighting Rates OL, EOL	<u>242</u>	<u>303</u>	<u>61</u>	<u>25.25%</u>
28					
29	Total	\$ 60,329	\$ 75,563	\$ 15,233	25.25%
30					
31					
32	Special Pricing Customers, at Retail Average Rate				
33	Rate G (1,266 MWH)	\$ 10	\$ 12	\$ 2	24.34%
34	Rate GV (14,130 MWH)	106	132	26	24.33%
35	Rate LG (7,636 MWH)	<u>57</u>	<u>71</u>	<u>14</u>	<u>24.34%</u>
36	Total	\$ 173	\$ 215	\$ 42	24.34%
37					
38					
39	Rate B Base Component, from Attachment SRH-4				
40	GV Rate B - base component	\$ 8	\$ 0	\$ (8)	-95.35%
41	LG Rate B - base component	<u>441</u>	<u>21</u>	<u>(421)</u>	<u>-95.35%</u>
42	Total	\$ 450	\$ 21	\$ (429)	-95.35%
43					
44					
45	Total, all customers	\$ 60,952	\$ 75,799	\$ 14,847	24.36%
46					
47					
48	Total Rate B, incremental plus base:				
49	Rate GV	\$ 12	\$ 5	\$ (7)	-59.76%
50	Rate LG	<u>626</u>	<u>252</u>	<u>(374)</u>	<u>-59.76%</u>
51	Total	\$ 638	\$ 257	\$ (381)	-59.76%

Notes:

- (1) The result of applying rates effective July 1, 2007 to test year billing determinants.
- (2) Special pricing revenue was imputed at the overall average rate. The Rate B base component was taken from Attachment SRH-4. Revenue targets for all other classes were calculated by equi-proportionally adjusting current revenues.
- (3) Column (2) - Column (1).
- (4) Column (3) / Column (1).

**PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
TRANSMISSION COST ADJUSTMENT MECHANISM (TCAM) CALCULATION
CALCULATION OF TRANSMISSION REVENUE AND RATES FOR RATE B CUSTOMERS
BASED ON SETTLEMENT AGREEMENT ARTICLE V, SECTION 5.1.1. AND
BILLING DETERMINANTS FOR THE 2005 TEST YEAR, AS PROFORMED**

	(1)	(2)	(3)	(4)	(5)	(6)
	Test Year	Base	Revenue from	Allocated	Incremental	Total Base
	Billing	Component	Base	Revenue from	Component	Plus
	<u>Demand</u>	<u>of Rate</u>	<u>Component</u>	<u>Incremental</u>	<u>of Rate</u>	<u>Incremental</u>
				<u>Component</u>		<u>Rate</u>
7 Rate B customers on Rate GV	19,734	\$ 0.02	\$ 394.68	\$ 4,449.37	\$ 0.23	\$ 0.25
10 Rate B customers on Rate LG	1,025,954	\$ 0.02	20,519.08	231,302.39	\$ 0.23	\$ 0.25
13 Total Rate B customers	1,045,688		\$ 20,913.76	\$235,751.77		

(1) From the settlement agreement in DE 06-028, Attachment 3, Page 9.

(2) From Attachment SRH-2, Page 1.

(3) Column (1) x Column (2).

(4) From Attachment SRH-3, Column (2), Lines 22 and 25.

(5) Column (4) / Column (1).

(6) Column (2) + Column (5).

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2005 Proformed Retail Billing Determinants and Transmission Revenue
At the July 1, 2008 Proposed Rate Level

Exhibit No. 5

Rate	Customer Group		(a) Proposed Monthly Transmission Charge	(b) Proformed Billing Determinants	(c) Adjustment Factor	(d) Revenue Calculated at Proposed Rate Level (a) x (b) x (c)
Residential Rate R	Standard Rate	Customer charge	\$ -	4,896,803		
		All KWH	\$ 0.01035	2,978,583,925	0.99944981	\$ 30,811,382.07
	Standard Rate - Elderly	Customer charge	\$ -	8,780		
		All KWH	\$ 0.01035	3,612,527	0.99962023	37,375.46
	Time of Day R-OTOD	Customer charge	\$ -	1,615		
		On-peak KWH	\$ 0.01035	651,317		
		Off-peak KWH	\$ 0.00676	1,152,807	0.99716238	14,492.86
	QR Water Heating	Meter charge	\$ -	665,374		
		All KWH	\$ 0.00800	144,702,238	0.99881612	1,156,247.43
	QR Water Heating - Elderly	Meter charge	\$ -	2,433		
		All KWH	\$ 0.00800	341,639	0.99961576	2,732.06
	Controlled Water Heating	Meter charge	\$ -	20,080		
		All KWH	\$ 0.00800	3,567,846	0.99884080	28,509.68
	Controlled Water Heating - Elderly	Meter charge	\$ -	378		
		All KWH	\$ 0.00800	49,303	0.99991003	394.39
	Load Controlled Rate LCS	Radio-controlled option	\$ -	38,537		
		8, 10 or 11-hour option	\$ -	4,439		
		Switch option	\$ -	344		
		Radio-controlled option	\$ 0.00800	36,567,223		
		8-hour option	\$ 0.00800	812,997		
		10 or 11-hour option	\$ 0.00800	561,945	0.99348454	301,559.63
	Load Controlled Rate LCS - Elderly	Radio-controlled option	\$ -	202		
		8, 10 or 11-hour option	\$ -	12		
		Switch option	\$ -	-		
		Radio-controlled option	\$ 0.00800	316,294		
		8-hour option	\$ 0.00800	4,065		
		10 or 11-hour option	\$ 0.00800	-	1.00009871	2,563.12
Total Rate R	Customers			4,907,198		
	Meters			731,799		
	KWH			3,170,924,126		
	Revenue					\$ 32,355,256.70

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2005 Proformed Retail Billing Determinants and Transmission Revenue
At the July 1, 2008 Proposed Rate Level

Exhibit No. 5

Rate Class	Customer Group	(a) Proposed Monthly Transmission Charge	(b) Proformed Billing Determinants	(c) Adjustment Factor	(d) Revenue Calculated at Proposed Rate Level (a) x (b) x (c)
General Rate G	Standard Rate	\$ -	626,799		
	Single phase customer charge	\$ -	207,303		
	Three phase customer charge	\$ -	4,172,653		
	Load charge (over 5 KW)	\$ 2.68	267,207,533		
	First 500 KWH	\$ 0.00964	299,311,715		
	Next 1,000 KWH	\$ 0.00363	1,223,597,304		
	All additional KWH	\$ 0.00195		0.99824862	17,200,929.54
	Former special pricing proformed to Standard Rate	\$ -	-		
	Single phase customer charge	\$ -	7		
	Three phase customer charge	\$ -	195		
	Load charge (over 5 KW)	\$ 2.68	820		
	First 500 KWH	\$ 0.00964	1,000		
	Next 1,000 KWH	\$ 0.00363	10,200		
	All additional KWH	\$ 0.00195		1.00000000	554.02
	Time of Day G-OTOD	\$ -	131		
	Single phase customer charge	\$ -	263		
	Three phase customer charge	\$ -	11,608		
	Load charge	\$ 1.77	680,181		
	On-peak KWH	\$ -	1,434,256	0.98370364	20,212.03
	Off-peak KWH	\$ -			
	Meter charge All KWH	\$ -	8,277	0.99691536	88,181.85
Special arrangement	QR Water Heating	\$ 0.00964	9,175,799		
	Meter charge All KWH	\$ -	22,469		
	Meter charge All KWH	\$ 0.00800	5,882,896	0.99845383	46,990.40
	Controlled Water Heating	\$ -	357		
	Meter charge All KWH	\$ 0.00800	46,487	0.99385075	369.61
	Load Controlled Rate LCS	\$ -	1,389		
	Radio-controlled option 8, 10 or 11-hour option	\$ -	133		
	Switch option	\$ -	12		
	Radio-controlled option 8-hour option	\$ 0.00800	6,384,216		
	10 or 11-hour option	\$ 0.00800	208,862		
Special pricing	Radio-controlled option	\$ -	34,647	0.99632404	52,826.89
	Radio-controlled option pl s premium	\$ 0.00800	12		
	Radio-controlled option pl s premium	\$ 0.00800	136,764	0.99997883	1,094.09
	Customers	\$ -	84		
	Billing demand KWH	\$ -	6,713		
	Customers	\$ 0.00935	1,265,980	1.00000206	11,836.94
	Meters		834,587		
	Billing demand KWH		32,649		
	Revenue		4,191,170		
			1 15,378,660		
Total Rate G					\$ 17,422,995.37

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2005 Proformed Retail Billing Determinants and Transmission Revenue
At the July 1, 2008 Proposed Rate Level

Exhibit No. 5

<u>Rate Class</u>	<u>Customer Group</u>	<u>(a)</u> Proposed Monthly Transmission Charge	<u>(b)</u> Proformed Billing Determinants	<u>(c)</u> Adjustment Factor	<u>(d)</u> Revenue Calculated at Proposed Rate Level (a) x (b) x (c)
Primary General Rate GV	Standard Rate	Customer charge	15,037		
		First 100 KW	3.58		
		All additional KW	3.58		
		First 200,000 KWH	-		
	Former special pricing proformed to Standard Rate	All additional KWH	1,423,708,351		
		Long hours' use discount	220,217,489		
			476,826,967	1.00036975	14,744,932.89
	Space Heating	Customer charge	61		
		First 100 KW	3.58		
		All additional KW	3.58		
		First 200,000 KWH	-		
	Rate B	All additional KWH	5,094,111		
		Long hours' use discount	3,206,166		
			2,249,780	1.00000000	98,471.48
Total Rate GV	Space Heating	Meter charge	12		
		All KWH	0.00964		
			15,975	0.99977572	153.96
	Rate B	Administrative charge	59		
		Translation charge	23		
		Demand charge	19,734		
		First 200,000 KWH	882,255		
	Special pricing	All additional KWH	-		
		Long hours' use discount	307,783		
		Discount for service at 115 kV	-		
			-	1.00000018	4,933.49
	Special pricing	Customers	180		
		Billing demand	66,691		
		KWH	14,130,276	1.00000019	32,118.11
	Total Rate GV	Customers	15,337		
		Meters	12		
		Billing demand	4,231,105		
		KWH	1,667,254,623		
		Revenue			\$ 14,980,609.94

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2005 Proformed Retail Billing Determinants and Transmission Revenue
At the July 1, 2008 Proposed Rate Level

Exhibit No. 5

<u>Rate Class</u>	<u>Customer Group</u>		(a) Proposed Monthly Transmission Charge	(b) Proformed Billing Determinants	(c) Adjustment Factor	(d) Revenue Calculated at Proposed Rate Level (a) x (b) x (c)
Large General Rate LG	Standard Rate	Customer charge	\$ -	1,282		
		Demand charge	\$ 3.52	2,765,005		
		On-peak, first 150 hours' use	\$ -	404,100,340		
		On-peak, all additional KWH	\$ -	156,955,184		
		Off-peak KWH	\$ -	721,944,436	1.00000000	9,732,817.60
	Former special pricing proformed to Standard Rate	Customer charge	\$ -	54		
		Demand charge	\$ 3.52	192,471		
		On-peak, first 150 hours' use	\$ -	26,570,748		
		On-peak, all additional KWH	\$ -	6,406,447		
		Off-peak KWH	\$ -	52,453,455	1.00000000	677,497.92
	Rate B - customers served at 115kV	Administrative charge	\$ -	48		
		Translation charge	\$ -	-		
		Demand charge	\$ 0.25	789,738		
		On-peak, first 150 hours' use	\$ -	5,829,646		
		On-peak, all additional KWH	\$ -	-		
		Off-peak KWH	\$ -	9,550,565		
		Discount for service at 115 kV	\$ -	789,738	1.00000000	197,434.50
	Rate B - all other customers	Administrative charge	\$ -	84		
		Translation charge	\$ -	12		
		Demand charge	\$ 0.25	236,216		
		On-peak, first 150 hours' use	\$ -	6,566,977		
		On-peak, all additional KWH	\$ -	-		
		Off-peak KWH	\$ -	12,501,636		
		Discount for service at 115 kV	\$ -	-	1.00000000	59,054.00
	Special pricing	Customers	\$ -	36		
		Billing demand	\$ -	36,165		
		KWH	\$ 0.00935	7,636,047	0.99999993	71,397.03
Total Rate LG		Customers		1,504		
		Meters		-		
		Billing demand		4,019,595		
		KWH		1,410,515,481		
		Revenue				\$ 10,738,201.05

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2005 Proformed Retail Billing Determinants and Transmission Revenue
At the July 1, 2008 Proposed Rate Level

Exhibit No. 5

Rate	Customer Group	(a) Proposed Monthly Transmission Charge	(b) Proformed Billing Determinants	(c) Adjustment Factor	(d) Revenue Calculated at Proposed Rate Level (a) x (b) x (c)
Outdoor Lighting Rate OL	High Pressure Sodium	4,000 (CHID 010)	39,329		
		5,800 (CHID 020)	7,836		
		9,500 (CHID 030)	11,552		
		16,000 (CHID 040)	11,241		
		30,000 (CHID 050)	18,957		
		50,000 (CHID 060)	27,173		
		130,000 (CHID 070)	4,824		
		12,000 (CHID 080)	181		
	Mercury	34,200 (CHID 090)	152		
		3,500 (CHID 100)	117,928		
		7,000 (CHID 105)	20,635		
		11,000 (CHID 125)	4,140		
		20,000 (CHID 130)	9,766		
		56,000 (CHID 135)	2,493		
		15,000 (CHID 155)	94		
	Metal Halide	5,000 (CHID 156)	750		
		8,000 (CHID 157)	590		
		13,000 (CHID 158)	-		
		13,500 (CHID 159)	1,243		
		20,000 (CHID 161)	2,023		
		36,000 (CHID 162)	3,727		
		100,000 (CHID 160)	3,338		
	Incandescent	600 (CHID 165)	2,784		
		1,000 (CHID 170)	9,191		
		2,500 (CHID 175)	108		
		6,000 (CHID 185)	12		
	Fluorescent	20,000 (CHID 195)	56		
Total Rate OL	Luminaires Customers Meters KWH		300,123	1.00050949	\$ 159,608.54
			4,324		
			123,918		
		\$ 0.00708	22,532,099		

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
2005 Proformed Retail Billing Determinants and Transmission Revenue
At the July 1, 2008 Proposed Rate Level

Exhibit No. 5

<u>Rate Class</u>	<u>Customer Group</u>		(a) Proposed Monthly Transmission Charge	(b) Proformed Billing Determinants	(c) Adjustment Factor	(d) Revenue Calculated at Proposed Rate Level (a) x (b) x (c)
Outdoor Lighting Rate EOL	High Pressure Sodium		4,000 (CHID 010)	277,686		
			5,800 (CHID 020)	25,799		
			9,500 (CHID 030)	39,403		
			16,000 (CHID 040)	35,433		
			30,000 (CHID 050)	45,943		
			50,000 (CHID 060)	7,037		
	Metal Halide		130,000 (CHID 070)	3,122		
			5,000 (CHID 156)	10,291		
			8,000 (CHID 157)	1,338		
			13,000 (CHID 158)			
			13,500 (CHID 159)	1,614		
			20,000 (CHID 161)	732		
			36,000 (CHID 162)	153		
			100,000 (CHID 160)	3,132		
					1.00226057	\$ 143,541.16
Total Rate EOL	Luminaires			451,683		
	Customers			2,693		
	Meters			-		
	KWH		\$ 0.00708	20,228,447		
Total Retail	Customers			5,765,643		
	Meters			888,378		
	Luminaires			751,806		
	Billing Demand			12,441,870		
	KWH			8,106,833,436		
	Revenue					\$ 75,800,212.76

Exhibit No. 5**Comparison of Target Revenue and Revenue Produced from Calculated Rates**

<u>Class</u>	<u>Target</u>	<u>Rate Revenue</u>	<u>Rates Over/(Under) Target</u>	
			<u>\$</u>	<u>%</u>
Residential Rates R, R-OTOD	\$ 32,343,079	\$ 32,355,257	\$ 12,178	0.04%
General Service Rates G, G-OTOD	17,419,298	17,411,158	(8,140)	-0.05%
G Special Pricing	11,837	11,837	0	0.00%
Primary General Service Rate GV	14,852,537	14,843,558	(8,978)	-0.06%
GV Rate B	4,844	4,933	89	1.85%
GV Special Pricing	132,118	132,118	0	0.00%
Large General Service Rate LG	10,408,956	10,410,316	1,360	0.01%
LG Rate B	251,821	256,489	4,667	1.85%
LG Special Pricing	71,397	71,397	(0)	0.00%
Outdoor Lighting Rates OL, EOL	<u>303,006</u>	<u>303,150</u>	<u>144</u>	<u>0.05%</u>
Total Retail	\$ 75,798,893	\$ 75,800,213	\$ 1,320	0.00%