

ORIGINAL

N.H.P.U.C. Case No. DE 89-179

Exhibit No. # 7

Witness Panel 1

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
Summary of Rates Proposed for Effect on July 1, 2010

DO NOT REMOVE FROM FILE

Rate	Blocks	Distribution Charge	Transmission Charge	Stranded Cost Recovery Charge	System Benefits Charge	Electricity Consumption Tax	Total Delivery Service	Energy Service Charge	Total Rate
R	Customer charge	\$ 11.60					\$ 11.60		\$ 11.60
	All KWH	\$ 0.03784	\$ 0.01625	\$ 0.01289	\$ 0.00330	\$ 0.00055	\$ 0.07083	\$ 0.08780	\$ 0.15863
Uncontrolled Water Heating*	Meter charge	\$ 4.09					\$ 4.09		\$ 4.09
	All KWH	\$ 0.01854	\$ 0.01255	\$ 0.01289	\$ 0.00330	\$ 0.00055	\$ 0.04783	\$ 0.08780	\$ 0.13563
Controlled Water Heating*	Meter charge	\$ 7.20					\$ 7.20		\$ 7.20
	All KWH	\$ 0.00110	\$ 0.01255	\$ 0.00799	\$ 0.00330	\$ 0.00055	\$ 0.02549	\$ 0.08780	\$ 0.11329
R-OTOD	Customer charge	\$ 26.93					\$ 26.93		\$ 26.93
	On-peak KWH	\$ 0.12093	\$ 0.01625	\$ 0.01117	\$ 0.00330	\$ 0.00055	\$ 0.15220	\$ 0.08780	\$ 0.24000
	Off-peak KWH	\$ 0.00176	\$ 0.01060	\$ 0.01117	\$ 0.00330	\$ 0.00055	\$ 0.02738	\$ 0.08780	\$ 0.11518
G	Single phase customer charge	\$ 13.29					\$ 13.29		\$ 13.29
	Three phase customer charge	\$ 26.58					\$ 26.58		\$ 26.58
	Load charge (over 5 KW)	\$ 7.91	\$ 4.20	\$ 0.72			\$ 12.83		\$ 12.83
	First 500 KWH	\$ 0.06495	\$ 0.01513	\$ 0.01042	\$ 0.00330	\$ 0.00055	\$ 0.09435	\$ 0.08780	\$ 0.18215
	Next 1,000 KWH	\$ 0.01610	\$ 0.00569	\$ 0.01042	\$ 0.00330	\$ 0.00055	\$ 0.03606	\$ 0.08780	\$ 0.12386
All additional KWH	\$ 0.00569	\$ 0.00306	\$ 0.01042	\$ 0.00330	\$ 0.00055	\$ 0.02302	\$ 0.08780	\$ 0.11082	
Space Heating**	Meter charge	\$ 2.66					\$ 2.66		\$ 2.66
	All KWH	\$ 0.03185	\$ 0.01513	\$ 0.01594	\$ 0.00330	\$ 0.00055	\$ 0.06677	\$ 0.08780	\$ 0.15457
G-OTOD	Single phase customer charge	\$ 34.45					\$ 34.45		\$ 34.45
	Three phase customer charge	\$ 49.19					\$ 49.19		\$ 49.19
	Load charge	\$ 11.03	\$ 2.77	\$ 0.29			\$ 14.09		\$ 14.09
	On-peak KWH	\$ 0.04557	\$ -	\$ 0.00832	\$ 0.00330	\$ 0.00055	\$ 0.05774	\$ 0.08780	\$ 0.14554
Off-peak KWH	\$ 0.00714	\$ -	\$ 0.00832	\$ 0.00330	\$ 0.00055	\$ 0.01931	\$ 0.08780	\$ 0.10711	
LCS***	Radio-controlled option	\$ 8.33					\$ 8.33		\$ 8.33
	8, 10 or 11-hour option	\$ 7.20					\$ 7.20		\$ 7.20
	Switch option	\$ 8.33					\$ 8.33		\$ 8.33
	Radio-controlled option	\$ 0.00110	\$ 0.01255	\$ 0.00799	\$ 0.00330	\$ 0.00055	\$ 0.02549	\$ 0.08780	\$ 0.11329
	8-hour option	\$ 0.00110	\$ 0.01255	\$ 0.00799	\$ 0.00330	\$ 0.00055	\$ 0.02549	\$ 0.08780	\$ 0.11329
	10 or 11-hour option	\$ 0.02235	\$ 0.01255	\$ 0.00799	\$ 0.00330	\$ 0.00055	\$ 0.04674	\$ 0.08780	\$ 0.13454

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
Summary of Rates Proposed for Effect on July 1, 2010

Rate	Blocks	Distribution Charge	Transmission Charge	Stranded Cost Recovery Charge	System Benefits Charge	Electricity Consumption Tax	Total Delivery Service	Energy Service Charge	Total Rate
GV	Customer charge	\$ 175.86					\$ 175.86		\$ 175.86
	First 100 KW	\$ 5.18	\$ 5.62	\$ 0.68			\$ 11.48		\$ 11.48
	All additional KW	\$ 4.95	\$ 5.62	\$ 0.68			\$ 11.25		\$ 11.25
	First 200,000 KWH	\$ 0.00629		\$ 0.00998	\$ 0.00330	\$ 0.00055	\$ 0.02012	\$ 0.08780	\$ 0.10792
	All additional KWH	\$ 0.00528		\$ 0.00998	\$ 0.00330	\$ 0.00055	\$ 0.01911	\$ 0.08780	\$ 0.10691
LG	Customer charge	\$ 542.44					\$ 542.44		\$ 542.44
	Demand charge	\$ 4.31	\$ 5.52	\$ 0.64			\$ 10.47		\$ 10.47
	On-peak KWH	\$ 0.00473		\$ 0.01076	\$ 0.00330	\$ 0.00055	\$ 0.01934	\$ 0.08780	\$ 0.10714
	Off-peak KWH	\$ 0.00398		\$ 0.00852	\$ 0.00330	\$ 0.00055	\$ 0.01635	\$ 0.08780	\$ 0.10415
B Service at less than 115 KV	Administrative charge	\$ 305.79					\$ 305.79		\$ 305.79
	Translation charge	\$ 51.12					\$ 51.12		\$ 51.12
	Demand charge	\$ 4.06	\$ 1.31	\$ 0.13			\$ 5.50		\$ 5.50
	All KWH	(The energy charges contained in the Standard Rate for Delivery Service)							
B Service at 115 KV or higher	Administrative charge	\$ 305.79					\$ 305.79		\$ 305.79
	Translation charge	\$ 51.12					\$ 51.12		\$ 51.12
	Demand charge	Not applicable	\$ 1.31	\$ 0.13			\$ 1.44		\$ 1.44
	All KWH	Not applicable (The energy charges contained in the Standard Rate for Delivery Service)							

Notes:

*Available with Rates R, R-OTOD and G. Controlled Water Heating is closed to new customers.

**Available with Rates G and GV. Closed to new customers.

***Available with Rates R and G. 8-hour, 10-hour, 11-hour and switch options are closed to new customers.

An Elderly Customer Discount of 10% of the delivery service portion of the bill is available with Rates R, LCS, Controlled Water Heating and Uncontrolled Water Heating. This discount is closed to new customers.

Qualifying residential customers may receive discounts on the delivery service and energy service portions of their bills under the terms of Residential Electric Assistance Program Rate EAP. The percent discount varies with income level and applies to the usage of residential customers under Rates R, R-OTOD, LCS, OL, Controlled Water Heating and Uncontrolled Water Heating.

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
Summary of Rates Proposed for Effect on July 1, 2010
Outdoor Lighting Service Rate OL, All-Night Service Option

	<u>Lumens</u>	<u>Watts</u>	<u>Distribution Charge</u>	<u>Total Monthly Charge, Including Energy Service*</u>												<u>Total Annual Charge</u>
				<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	
For new and existing installations																
High Pressure Sodium	4,000	50	\$ 14.44	\$ 17.55	\$ 17.09	\$ 16.97	\$ 16.63	\$ 16.28	\$ 16.28	\$ 16.28	\$ 16.51	\$ 16.86	\$ 17.09	\$ 17.20	\$ 17.55	\$ 202.29
	5,800	70	14.44	19.04	18.35	18.12	17.78	17.20	17.09	17.20	17.55	18.01	18.47	18.70	19.04	216.55
	9,500	100	19.19	25.98	24.94	24.60	24.02	23.22	23.10	23.22	23.68	24.48	25.06	25.29	25.98	293.57
	16,000	150	27.14	37.26	35.65	35.19	34.27	33.24	33.01	33.24	33.93	34.96	35.88	36.23	37.26	420.12
	30,000	250	27.81	44.14	41.61	40.81	39.43	37.59	37.24	37.59	38.74	40.46	41.96	42.53	44.14	486.24
	50,000	400	28.12	53.08	49.17	48.02	45.83	43.07	42.61	43.07	44.68	47.45	49.75	50.67	53.08	570.48
	130,000	1,000	45.14	103.81	94.60	92.07	86.78	80.34	79.19	80.34	84.25	90.58	95.98	98.05	103.81	1,089.80
Metal Halide	5,000	70	15.07	19.79	19.10	18.87	18.41	17.95	17.83	17.95	18.29	18.75	19.21	19.33	19.79	225.27
	8,000	100	20.60	27.04	26.01	25.78	25.20	24.51	24.40	24.51	24.97	25.66	26.24	26.47	27.04	307.83
	13,000	150	28.28	38.40	36.79	36.45	35.53	34.38	34.15	34.38	35.07	36.10	37.14	37.48	38.40	434.27
	13,500	175	28.88	39.92	38.20	37.74	36.70	35.44	35.32	35.44	36.24	37.39	38.43	38.89	39.92	449.63
	20,000	250	28.88	44.29	41.88	41.19	39.81	38.08	37.85	38.08	39.12	40.84	42.22	42.80	44.29	490.45
	36,000	400	29.14	53.18	49.39	48.35	46.28	43.63	43.17	43.63	45.24	47.77	49.96	50.88	53.18	574.66
	100,000	1,000	43.67	101.42	92.33	89.91	84.62	78.29	77.26	78.29	82.21	88.42	93.71	95.89	101.42	1,063.77
For existing installations only																
Incandescent	600	105	8.32	13.96	13.04	12.81	12.35	11.66	11.54	11.66	12.12	12.69	13.15	13.38	13.96	152.32
	1,000	105	9.28	14.92	14.00	13.77	13.31	12.62	12.50	12.62	13.08	13.65	14.11	14.34	14.92	163.84
	2,500	205	11.91	22.84	21.11	20.65	19.73	18.47	18.24	18.47	19.27	20.42	21.46	21.80	22.84	245.30
	6,000	448	20.44	44.37	40.69	39.65	37.46	34.82	34.36	34.82	36.43	38.96	41.26	42.07	44.37	469.26
Mercury	3,500	100	12.74	18.95	18.03	17.80	17.23	16.54	16.42	16.54	16.88	17.57	18.15	18.38	18.95	211.44
	7,000	175	15.31	26.24	24.51	24.05	23.13	21.87	21.64	21.87	22.67	23.82	24.86	25.20	26.24	286.10
	11,000	250	18.94	34.58	32.05	31.48	29.98	28.26	28.03	28.26	29.41	31.02	32.51	33.09	34.58	373.25
	15,000	400	21.67	45.94	42.15	41.11	38.81	36.16	35.70	36.16	37.77	40.42	42.72	43.53	45.94	486.41
	20,000	400	23.38	47.65	43.86	42.82	40.52	37.87	37.41	37.87	39.48	42.13	44.43	45.24	47.65	506.93
	56,000	1,000	37.16	95.02	85.93	83.52	78.23	71.90	70.75	71.90	75.70	82.02	87.31	89.38	95.02	986.68
Fluorescent	20,000	330	31.70	49.30	46.54	45.85	44.24	42.28	41.94	42.28	43.43	45.39	47.00	47.69	49.30	545.24
High Pressure Sodium in existing mercury luminaires	12,000	150	19.84	29.50	28.01	27.55	26.63	25.59	25.48	25.59	26.28	27.32	28.24	28.58	29.50	328.27
	34,200	360	25.39	47.48	44.02	43.10	41.03	38.62	38.27	38.62	40.11	42.53	44.48	45.29	47.48	511.03

* Rates shown here are equal to the fixed monthly distribution charge, plus the monthly KWH multiplied by the sum of the Transmission Charge, the Stranded Cost Recovery Charge, the System Benefits Charge, the Electricity Consumption Tax, and the Energy Service Charge. These amounts may vary slightly from actual bill calculations due to intermediate rounding of individual rate components on bills.

Transmission Charge	1.111	¢/KWH
Stranded Cost Recovery Charge	1.227	¢/KWH
System Benefits Charge	0.330	¢/KWH
Electricity Consumption Tax	0.055	¢/KWH
Energy Service Charge	8.780	¢/KWH

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
Summary of Rates Proposed for Effect on July 1, 2010
Energy Efficient Outdoor Lighting Service Rate EOL, All-Night Service Option

	Lumens	Watts	Distribution Charge	Total Monthly Charge, Including Energy Service*												Total Annual Charge
				January	February	March	April	May	June	July	August	September	October	November	December	
High Pressure Sodium	4,000	50	\$ 7.68	\$ 10.79	\$ 10.33	\$ 10.21	\$ 9.87	\$ 9.52	\$ 9.52	\$ 9.52	\$ 9.75	\$ 10.10	\$ 10.33	\$ 10.44	\$ 10.79	\$ 121.17
	5,800	70	7.68	12.28	11.59	11.36	11.02	10.44	10.33	10.44	10.79	11.25	11.71	11.94	12.28	135.43
	9,500	100	9.44	16.23	15.19	14.85	14.27	13.47	13.35	13.47	13.93	14.73	15.31	15.54	16.23	176.57
	16,000	150	10.38	20.50	18.89	18.43	17.51	16.48	16.25	16.48	17.17	18.20	19.12	19.47	20.50	219.00
	30,000	250	10.38	26.71	24.18	23.38	22.00	20.16	19.81	20.16	21.31	23.03	24.53	25.10	26.71	277.08
	50,000	400	10.72	35.68	31.77	30.62	28.43	25.67	25.21	25.67	27.28	30.05	32.35	33.27	35.68	361.68
	130,000	1,000	20.33	79.00	69.79	67.26	61.97	55.53	54.38	55.53	59.44	65.77	71.17	73.24	79.00	792.08
Metal Halide	5,000	70	7.97	12.69	12.00	11.77	11.31	10.85	10.73	10.85	11.19	11.65	12.11	12.23	12.69	140.07
	8,000	100	10.54	16.98	15.95	15.72	15.14	14.45	14.34	14.45	14.91	15.60	16.18	16.41	16.98	187.11
	13,000	150	11.25	21.37	19.76	19.42	18.50	17.35	17.12	17.35	18.04	19.07	20.11	20.45	21.37	229.91
	13,500	175	11.86	22.90	21.18	20.72	19.68	18.42	18.30	18.42	19.22	20.37	21.41	21.87	22.90	245.39
	20,000	250	12.05	27.46	25.05	24.36	22.98	21.25	21.02	21.25	22.29	24.01	25.39	25.97	27.46	288.49
	36,000	400	12.39	36.43	32.64	31.60	29.53	26.88	26.42	26.88	28.49	31.02	33.21	34.13	36.43	373.66
	100,000	1,000	22.08	79.83	70.74	68.32	63.03	56.70	55.67	56.70	60.62	66.83	72.12	74.30	79.83	804.69

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Transmission Charge	1.111 ¢/KWH
Stranded Cost Recovery Charge	1.227 ¢/KWH
System Benefits Charge	0.330 ¢/KWH
Electricity Consumption Tax	0.055 ¢/KWH
Energy Service Charge	8.780 ¢/KWH

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
Summary of Rates Proposed for Effect on July 1, 2010
Outdoor Lighting Service Rate OL, Midnight Service Option

	<u>Lumens</u>	<u>Watts</u>	<u>Distribution Charge</u>	<u>Total Monthly Charge, Including Energy Service*</u>												<u>Total Annual Charge</u>
				<u>January</u>	<u>February</u>	<u>March</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>August</u>	<u>September</u>	<u>October</u>	<u>November</u>	<u>December</u>	
High Pressure Sodium	4,000	50	\$ 14.44	\$ 16.05	\$ 15.71	\$ 15.48	\$ 15.59	\$ 15.25	\$ 15.13	\$ 15.13	\$ 15.25	\$ 15.48	\$ 15.71	\$ 15.94	\$ 16.05	\$ 186.77
	5,800	70	14.44	16.74	16.28	15.94	16.17	15.71	15.48	15.48	15.71	15.94	16.28	16.74	16.86	193.33
	9,500	100	19.19	22.64	21.84	21.49	21.61	21.03	20.69	20.80	21.03	21.38	21.95	22.41	22.76	259.63
	16,000	150	27.14	32.20	31.05	30.48	30.71	29.90	29.44	29.56	29.90	30.36	31.17	31.97	32.55	369.29
	30,000	250	27.81	35.98	34.25	33.22	33.68	32.18	31.49	31.61	32.18	33.10	34.37	35.75	36.55	404.36
	50,000	400	28.12	40.66	37.90	36.40	36.98	34.79	33.76	33.99	34.79	36.17	38.13	40.20	41.46	445.23
	130,000	1,000	45.14	74.47	68.15	64.70	65.96	60.78	58.37	58.83	60.78	64.12	68.61	73.44	76.43	794.64
Metal Halide	5,000	70	15.07	17.37	16.91	16.68	16.80	16.34	16.11	16.22	16.34	16.57	17.03	17.37	17.60	201.34
	8,000	100	20.60	23.82	23.13	22.79	22.90	22.33	22.10	22.10	22.33	22.67	23.25	23.71	24.05	275.18
	13,000	150	28.28	33.34	32.19	31.73	31.85	31.04	30.58	30.70	31.04	31.50	32.42	33.23	33.69	383.31
	13,500	175	28.88	34.40	33.25	32.56	32.79	31.76	31.41	31.41	31.87	32.45	33.25	34.29	34.75	394.19
	20,000	250	28.88	36.59	34.86	34.06	34.40	33.02	32.33	32.45	33.02	33.83	35.09	36.36	37.05	413.06
	36,000	400	29.14	41.10	38.57	37.19	37.65	35.58	34.55	34.78	35.58	36.96	38.80	40.76	41.91	453.43
	100,000	1,000	43.67	72.54	66.22	62.88	64.15	59.08	56.78	57.13	59.08	62.30	66.79	71.62	74.50	773.07

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Transmission Charge	1.111	¢/KWH
Stranded Cost Recovery Charge	1.227	¢/KWH
System Benefits Charge	0.330	¢/KWH
Electricity Consumption Tax	0.055	¢/KWH
Energy Service Charge	8.780	¢/KWH

PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE
Summary of Rates Proposed for Effect on July 1, 2010
Energy Efficient Outdoor Lighting Service Rate EOL, Midnight Service Option

	Lumens	Watts	Distribution Charge	Total Monthly Charge, Including Energy Service*												Total Annual Charge
				January	February	March	April	May	June	July	August	September	October	November	December	
High Pressure Sodium	4,000	50	\$ 7.68	\$ 9.29	\$ 8.95	\$ 8.72	\$ 8.83	\$ 8.49	\$ 8.37	\$ 8.37	\$ 8.49	\$ 8.72	\$ 8.95	\$ 9.18	\$ 9.29	\$ 105.65
	5,800	70	7.68	9.98	9.52	9.18	9.41	8.95	8.72	8.72	8.95	9.18	9.52	9.98	10.10	112.21
	9,500	100	9.44	12.89	12.09	11.74	11.86	11.28	10.94	11.05	11.28	11.63	12.20	12.66	13.01	142.63
	16,000	150	10.38	15.44	14.29	13.72	13.95	13.14	12.68	12.80	13.14	13.60	14.41	15.21	15.79	168.17
	30,000	250	10.38	18.55	16.82	15.79	16.25	14.75	14.06	14.18	14.75	15.67	16.94	18.32	19.12	195.20
	50,000	400	10.72	23.26	20.50	19.00	19.58	17.39	16.36	16.59	17.39	18.77	20.73	22.80	24.06	236.43
	130,000	1,000	20.33	49.66	43.34	39.89	41.15	35.97	33.56	34.02	35.97	39.31	43.80	48.63	51.62	496.92
Metal Halide	5,000	70	7.97	10.27	9.81	9.58	9.70	9.24	9.01	9.12	9.24	9.47	9.93	10.27	10.50	116.14
	8,000	100	10.54	13.76	13.07	12.73	12.84	12.27	12.04	12.04	12.27	12.61	13.19	13.65	13.99	154.46
	13,000	150	11.25	16.31	15.16	14.70	14.82	14.01	13.55	13.67	14.01	14.47	15.39	16.20	16.66	178.95
	13,500	175	11.86	17.38	16.23	15.54	15.77	14.74	14.39	14.39	14.85	15.43	16.23	17.27	17.73	189.95
	20,000	250	12.05	19.76	18.03	17.23	17.57	16.19	15.50	15.62	16.19	17.00	18.26	19.53	20.22	211.10
	36,000	400	12.39	24.35	21.82	20.44	20.90	18.83	17.80	18.03	18.83	20.21	22.05	24.01	25.16	252.43
	100,000	1,000	22.08	50.95	44.63	41.29	42.56	37.49	35.19	35.54	37.49	40.71	45.20	50.03	52.91	513.99

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Transmission Charge	1.111 ¢/KWH
Stranded Cost Recovery Charge	1.227 ¢/KWH
System Benefits Charge	0.330 ¢/KWH
Electricity Consumption Tax	0.055 ¢/KWH
Energy Service Charge	8.780 ¢/KWH