#### QUALIFICATIONS OF ROBERT T. HYBSCH

#### CURRENT POSITION AT PUBLIC SERVICE COMPANY OF NEW HAMPSHIRE

#### **Director of Customer Operations**

Responsible for the design, construction and operation of the distribution system. Also responsible for emergency preparedness and restoration, field safety, large power customer managed account program, community relations, and plant records.

#### **EDUCATIONAL BACKGROUND**

Bachelor of Science Degree in Business Management from Franklin Pierce College.

Various managerial development short courses offered by the Company.

#### PRIOR WORK POSITIONS AND EXPERIENCE

#### At PSNH

District Manager	1985 - 1990
Division Manager	1990 - 1996
Regional Sales Manager	1996 - 1997
General Manager	1997 - 2001
<b>Director Customer Operations</b>	2001 - present

#### PREVIOUS TESTIMONY

None

Rev. 7/9/07

#### Verizon New England Inc. d/b/a Verizon New Hampshire

#### State of New Hampshire

#### Docket No. DM 05-172

Respondent: Marianne Ryan

Title: Director - Construction

**REQUEST:** 

New Hampshire Utilities Commission Staff, Set 1

**DATED:** 

November 29, 2005

ITEM: Staff 1-2

Describe standby or on-call provisions (e.g., union contract provisions) for emergency response personnel who may be responding to public emergencies such as broken poles.

REPLY:

There are no such provisions in the contract at this time.

VZ #2

#### Verizon New England Inc. d/b/a Verizon New Hampshire

#### State of New Hampshire

Docket No. DM 05-172

Respondent: Marianne Ryan

Title: Director - Construction

**REQUEST:** 

New Hampshire Public Utilities Commission Staff, Set 2

DATED:

January 25, 2006

ITEM: Staff 2-13

Verizon - Please confirm that in its response to Staff 1-4, Verizon's reference to the lack of provisions in the contract regarding "paid standby" means that Verizon has no field crews or emergency response

personnel on paid standby during nights and emergencies.

REPLY:

Verizon NH has no field crews or emergency personnel on paid standby during nights or emergencies. Emergency conditions, depending on the scope as contractually defined, can warrant suspension of overtime limitations to ensure adequate personnel are

working.

VZ #58

Public Service Company of New Hampshire Docket No. DM 05-172

Data Request NSTF-01 Dated: 11/29/2005 Q-STAFF-003 Page 1 of 1

Witness:

Robert T. Hybsch

Request from:

**New Hampshire Public Utilities Commission Staff** 

#### Question:

What is your company's response time objective for emergency response? Is the objective different for public emergencies such as broken poles? What is your company's actual response time for emergency response? Is the actual response time different for public emergencies such as broken poles?

#### Response:

PSNH's response time objective for emergency response is to respond as soon as possible after being notified.

The objective is the same for public emergencies such as broken poles.

The standby structure and requirements outlined in the response to NSTF-01, Q- STAFF-002 are such that a line employee will typically respond within 64 minutes (28 minutes response + 36 minutes travel time) to the trouble location.

Yes, the average response time for broken poles is 42 minutes.

#### New Hampshire Public Utilities Commission Generic Investigation Into Utility Poles Docket No. DM 05-172 Commission Staff's First Set of Data Requests

#### Request No. Staff-UES 1-3

What is your company's response time objective for emergency response? Is the objective different for public emergencies such as broken poles? What is your company's actual response time for emergency response? Is the actual response time different for public emergencies such as broken poles?

#### Response:

- a) The company has no stated time objective for emergency response. However, on average, lineworkers are expected to respond to the reporting location (construction garage) to off-hours calls within approximately 30 minutes once notified to report.
- b) No. The company endeavors to respond to all calls as quickly as possible and no distinction is made between various types of events; all calls are treated as emergencies until otherwise classified.
- c) The company does not track actual response times. However, based on the UES's CAIDI (Customer Average Interruption Duration Index) statistics, the company average outage duration is 90 minutes. Since this statistic includes both our response time to the trouble location and the repair time, our average response time to outages would have to be less than 90 minutes. Additionally, based on 2005 YTD information, our current average response times from receipt of a call for a broken pole until a crew arrives at the trouble location is 53 minutes.
- d) The company endeavors to respond to all calls as quickly as possible and no distinction is made between various types of events; all calls are treated as emergencies until otherwise classified.

Person Responsible: Raymond A. Letourneau, Jr. Date: December 20, 2005

Granite State Electric Company d/b/a National Grid Docket No. DM 05-172 Responses to Staff's First Set of Data Requests

#### NHPUC 1-3

#### Request:

What is your company's response time objective for emergency response? Is the objective different for public emergencies such as broken poles? What is your company's actual response time for emergency response? Is the actual response time different for public emergencies such as broken poles?

#### Response:

National Grid's first responders are trouble shooters on duty. When a trouble shooter is not on duty or a crew is called in to address an emergency situation, National Grid's objective is to have workers on the scene within approximately 60 minutes of receiving the call. This is the same for all types of call-ins, including emergencies.

Our actual response time from a random sampling of call-ins from January through December 2005 was an average of 63 minutes.

Prepared by or under the supervision of: David Way

#### Verizon New England Inc. d/b/a Verizon New Hampshire

#### State of New Hampshire

#### Docket No. DM 05-172

Respondent: Martin Wilkinson

**Title:** Manager – OSP Engineering

**REQUEST:** 

New Hampshire Utilities Commission Staff, Set 3

DATED:

February 7, 2006

ITEM: Staff 3-38

When Verizon is informed by another joint owner to: a) replace a pole in Verizon's maintenance area due to the discovery that the pole was damaged and temporarily made secure by that joint owner; b) replace anchors due to the discovery that the anchors are pulling out or are corroded, resulting in potential sag or low wires; or c) perform a "cut and kick" operation with the other joint owner, how does Verizon ensure that it undertakes the requested work in a timely manner (i.e., within 60 days)? Are there any such requests outstanding in excess of 180 days? One year? Two years?

REPLY:

These types of request may require an immediate dispatch or can be scheduled based on the urgency of the request and input received from the requestor. If a pole is "made safe," no need exists for an immediate dispatch. "Made safe" indicates there is no danger to the public. Any safety concerns to the public require immediate dispatch to resolve the safety concern. If a situation were made safe, engineering would be notified and a job issued and scheduled, following our scheduling process.

Information responsive to the number of requests outstanding is not maintained in the ordinary course of business, and thus is not available.

VZ #119

Public Service Company of New Hampshire Docket No. DM 05-172

Data Request NSTF-03 Dated: 02/07/2006 Q- STAFF-027 Page 1 of 1

Witness:

Robert T. Hybsch

Request from: New Hampshire Public Utilities Commission Staff

#### Question:

Does your company have a maintenance trimming program, including standards, policies, criteria for maintaining line clearances, controlling vegetation and tree contact? If yes, please provide a copy. If no, please explain why your company does not have such a program.

#### Response:

Yes, PSNH has a comprehensive maintenance trimming program. The trimming cycle for circuits takes into consideration voltage levels, growing conditions and circuit performance. Attached is PSNH's scheduled maintenance plan for its overhead distribution circuits. Also attached is the public information brochure describing PSNH's distribution trimming program.

Data Request NSTF-03 Dated: 02/07/2006 Q-STAFF-027

# PUBLIC SERVICE OF NEW HAMPHSIRE SCHEDULED MAINTENANCE PLAN 2001-2008

							7																			
NAJ4 8002																	4.16		5.76							
NAJ9 7002	9.66			3.35	5.11	1.98	0.03	3.45	3.29	1.67	3.76	4.36	2.88	1.70	4.75	4.45				3.78						
2006 Р∟АИ																										
COMPLETED 2005																										
COMPLETED		1.20	3.16																				2.66	3.99	4.65	4.52
COMPLETED 2003				3.35														3.13			9.01	8.24				
COMPLETED 2002																										
COMPLETED																										
COMPLETED 2000	9.47	7.23	3.16		5.11	1.97	0.03	3.42	3.29	1.67	3.29	4.36	2.88	1.70	4.61	4.45	4.16		5.69	3.70			2.66	7.59		4.52
1999 COMPLETED																										
1998 COMPLETED	5.25		0.08		0.19				0.15				0.04		0.08		0.42	0.08	0.04		0.12	0.20			4.55	
1997	0.38			3.23		0.11		0.16			0.08	0.04			0.04			0.08	0.04		8.97	8.32		0.32	0.19	0.12
1996 COMPLETED			0.31	0.03	0.08	0.08		0.08			0.08			0.11			0.10	3.09				0.04				
ттэ																										
TOTAL CIRCUIT	99.6	1.20	3.16	3.35	5.11	1.98	0.03	3.45	3.29	1.67	3.76	4.36	2.88	1.70	4.75	4.45	4.16	3.13	5.76	3.78	9.01	8.24	2.66	3.99	4.65	4.52
тиояю	6H1	11H2	11H3	11H4	11H5	14H4	14H5	14H7	14H8	15H1	15H2	15H3	22H1	22H2	22H3	22H4	23H1	23H2	23H3	23H4	29H1	29H2	12H1	12H2	12H4	12H5
TSIQ	7	7	11	11	=	11	11	1	1	1	1	1	11	1	1	1	7	7	1	1	1	1	12	12	12	12
JOLTAGE	5 KV																									

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03/06/2006

Data Request NSTF-03 Dated: 02/07/2006 Q-STAFF-027

NAJ9 8005	6.22	5.32																								
NAJ9 7002																										
NAJ9 9005			11.02																							
2006 COMPLETED				1.08																						3.30
2004 COMPLETED					8.92	4.73	5.47	0.43	3.11	1.26	3.43	3.01	1.74	0.56	0.53	2.27	6.99	1.40	2.37	0.61	5.84	99.0	0.19	0.25	0.05	
COMPLETED 2003																										
2002 COMPLETED																										
2001 COMPLETED																										
S000	6.22	5.32	11.02	1.08	9.23	6.16	4.63									3.65	6.80							1.10	0.50	
1999							3.18	0.65	3.90		0.87		1.61	0.45	0.38			1.29	2.78	9.70	5.84	0.45	0.19			
COMPLETED 1998	0.12	0.19	0.16	0.08																	0.04					
COMPLETED 1997			0.11		0.12	0.20	0.12			1.20	0.20	2.00	0.08				2.00				0.32	0.19				3.30
COMPLETED 1996		0.27	0.08	0.08	0.16	0.20				1.20		1.96				0.27	1.00		0.04		0.61					
173																										
TOTAL CIRCUIT	6.22	5.32	11.02	1.08	8.92	4.73	5.47	0.43	3.11	1.26	3.43	3.01	1.74	0.56	0.53	2.27	66.9	1.40	2.37	0.61	5.84	99.0	0.19	0.25	0.05	3.30
тіпэяіэ	18H1	18H2	27H1	35H1	1H1	1H 2	2H1	9H1	9H2	15H1	15H2	15H3	15H4	15H5	15H6	16H2	16H3	17H1	17H2	17H3	18H1	18H2	18H3	7H1	7H2	23H3
TSIO	12	12	12	12	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	22	22	22
VOLTAGE	5 KV	5 KV	5 KV	5 KV	5 KV	5 KV	5 KV	5 KV	5 KV	5 KV	5 KV	5 KV	5 KV	5 KV	5 KV	5 KV	5 K	5 KV								

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03/06/2006

Data Request NSTF-03 Dated: 02/07/2006 Q-STAFF-027

#### PUBLIC SERVICE OF NEW HAMPHSIRE SCHEDULED MAINTENANCE PLAN 2001-2008

											,						
VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT	ЕТТ	1996 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
5 KV	22	27H1	7.00						7.00						7.00		
5 KV	22	27H2	23.00						23.00						23.00		
5 KV	22	27H3	2.40			0.04			2.40						2.40		
5 KV	22	30H2	8.10						8.10								8.10
5 KV	31	1H13	19.97		0.50	0.04	19.20								19.97		
5 KV	31	1H19	1.24		0.60			1.24								1.24	
5 KV	31	2H1	8.93					8.90								8.93	
5 KV	31	2H2	1.24					1.24								1.24	
5 KV	31	2H3	0.45				0.12	0.45								0.45	
5 KV	31	4H1	8.13					8.10								8.13	
5 KV	31	4H2	16.91					16.89								16.91	
5 KV	31	7H1	15.40			0.08	14.38	1.00								15.40	
5 KV	31	9H2	3.64					2.15	1.45							3.64	
5 KV	32	20H1	12.68						15.34								12.68
5 KV	32	42H2	36.02		36.02							36.02					
5 KV	32	43H1	12.99		0.50				12.99								12.99
5 KV	32	46H1	34.30		0.40	33.11	0.08			34.30							34.30
5 KV	35	26H1	17.55						17.50							17.55	
5 KV	35	27H1	8.77			0.19	0.04		8.60								8.77
5 KV	35	33H1	44.53		44.21	0.24					29.61		14.92				
5 KV	35	317H1	12.61			0.04		12.58								12.61	
5 KV	35	3410	14.46						14.40					14.46			
5 KV	36	18H2	7.20			0.19		7.20		9						7.20	
5 KV	36	22H1	52.90			52.60						52.90					
5 KV	36	55H1	20.62					22.32								20.62	
5 KV	41	38H1	2.70						2.70								2.70

Data Request NSTF-03 Dated: 02/07/2006 Q-STAFF-027

#### PUBLIC SERVICE OF NEW HAMPHSIRE SCHEDULED MAINTENANCE PLAN 2001-2008

VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT	ETT	1996 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
5 KV	41	38H2	4.06						4.06							4.06	
5 KV	41	38H3	2.70						2.70						0.60	2.10	
5 KV	41	38H4	2.27						2.68						2.27		
5 KV	41	47H7	13.00						13.00							13.00	
5 KV	41	47H8	3.00		3.00						3.00					3.00	
5 KV	42	7H1	17.34						17.34								17.34
5 KV	42	37H1	8.61		1.07	0.32			25.48							8.61	
5 KV	42	37H2	6.30						9.22							6.30	
5 KV	42	39H1	9.80			0.04		9.80								9.80	
5 KV	42	39H2	5.17					9.20								5.17	
5 KV	45	17H1	5.03					5.03								5.03	
5 KV	61	17H1	6.48			0.12		13.44								6.48	
5 KV	61	27H1	2.73			0.53		23.20								2.73	
5 KV	61	27H2	3.30			0.61		6.21								3.30	
5 KV	61	28H1	4.26		0.04	0.27	3.76								4.26		
5 KV	61	28H2	0.97				3.18								0.97		
5 KV	61	34H1	4.30				1		6.60								4.30
5 KV	61	34H2	2.56						3.49								2.56
5 KV	61	40H1	5.01			0.12			5.11								5.01
5 KV	61	41H1	2.05			0.04		4.98							2.05		
5 KV	61	41H2	4.20		0.08			5.22								4.20	
5 KV	61	42H1	10.11						10.91								10.11
5 KV	61	42H2	2.39						2.76								2.39
5 KV	61	43H1	7.58			0.08	8.95								7.58		
5 KV	61	51H1	7.50			12.50					7.50				7.50		
5 KV	63	1H1	4.90		0.08	0.16			4.90								4.90

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VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT	ЕТТ	1996 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
34 KV	61	3148X2	12.27		-	0.04	7.12					12.27				12.27	
34 KV	61	3148X3	1.85										1.85				
34 KV	61	3157X1	66.99	Yes		0.08		31.71	4.00	_		41.30	25.97		_	66.99	
34 KV	61	3157X2	1.53					2.40	_			1.53				1.53	
34 KV	61	3157X3	42.41							_			42.41				42.41
34 KV	61	3157X4	0.42		ī	On	Map 3157)	(1.A						0.42	_	0.42	
34 KV	61	3601X1	29.13					19.87				19.87					19.87
34 KV	61	3601X2	10.87					4.31				4.31				10.87	
34 KV	61	3601X3	2.07					2.07							2.07		
34 KV	61	3601X4	4.77		!			4.77						_	4.77	_	_
34 KV	63	339X1	0.40			0.08	0.32						0.40				
34 KV	63	339X2	0.34		0.08		0.42						0.34				
34 KV	63	339X3	1.28						0.40				1.28				
34 KV	63	339X4	1.50		0.16				1.90			1.50					
34 KV	63	367X1	6.39		0.42	0.08		7.02					6.39				
34 KV	63	367X2	2.90						2.90				2.90				
34 KV	63	367X5	0.09					0.09	_				0.09				
34 KV	63	3101X1	0.39						0.39				0.39				
34 KV	63	3101X2	0.11						0.11				0.11				
34 KV	63	3102	0.14		•								0.14				
34 KV	63	3102X1	0.50						0.50				0.50			<u> </u>	
34 KV	63	3102X2	4.67								4.97				4.67		
34 KV	63	3102X5	5.34								6.05				5.34	_	
34 KV	63	3102X6	3.41												3.41		
34 KV	63	3102X7	2.00								<u> </u>				2.00		

VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT MILES	EΠ	1996 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
34 KV	63	3105X1	6.99			42.43					42.43						
34 KV	63	3105X2	0.50						0.50				0.50				
34 KV	63	3107	0.06										0.06				
34 KV	63	3111X1	4.49					9.67					4.49				
34 KV	63	3111X4	0.04	1 :	span off 31	11 line at Ex	cit 3B on I-9	5. No circ	uit map. No	ımbered 31	04 in the fie	eld.	0.04				
34 KV	63	3112X1	3.22		0.04	0.16	0.82				3.90				3.22		
34 KV	63	3112X3	4.52		0.12	7.80			7.80				4.52				
34 KV	63	3112X4	6.90								6.90						6.90
34 KV	63	3153X1	2.50				2.83				2.65			2.65			
34 KV	63	3153X1A	1.49				0.50							1.49			
34 KV	63	3161	0.09					0.09					0.09				
34 KV	63	3161X2	0.09					0.09				_	0.09				
34 KV	63	3161X8	0.47					0.47					0.47				
34 KV	63	3161X15	2.66		0.43	0.20			6.47				2.66				
34 KV	63	3167	0.14		Line 52	20 on Map 2	20H1.A						0.14				
34 KV	63	3172X1	16.16		19.20	0.08				19.20				16.16			
34 KV	63	3172X2	2.20	Yes					2.20				2.20				
34 KV	63	3191X3	30.60		0.05	0.12					30.60						30.60
34 KV	63	3191X9	2.50						2.50				2.50				
34 KV	63	3850X5	1.13								1.13		1.13				
34 KV	63	3850X6A	0.31						0.20				0.31				
34 KV	63	3850X6B	0.60						0.30				0.60				
34 KV	63	3850X7	8.24		0.04	0.12			7.40				8.24				
34 KV	64	319X1	114.64		2.73						114.64				114.64		
34 KV	64	3137X2	12.50								12.50						12.50
34 KV	65	377X1	5.65					5.65				5.65				5.65	

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VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT MILES	ETT	1996 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
34 KV	65	377X2	15.68	Yes		0.04		15.68				15.68				-	15.68
34 KV	65_	377X3	7.64				_	27.00				_	7.64				7.64
34 KV	65	377X4	60.23		1.46	0.38	76.03			76.03				59.45	0.78		
34 KV	65	377X5	1.35		0.04	0.04		1.00						1.35			
34 KV	65	377X6	7.65			0.04		3.11					7.65				
34 KV	65	377X7	24.59					_	7.84				14.24	10.35			
34 KV	65	377X8	0.27		_	0.27							0.27				
34 KV	65	377X9	1.19						1.19		_		1.19			_	
34 KV	65	377X10	0.40										0.40				
34 KV	65	377X11	1.29					1.29	_				1.29				
34 KV	65	377X13	0.30		Epping '	Wal-Mart (n	o circuit ma	p, off pole	377/166)				0.30				
34 KV	65_	377X14	0.20		Epping	Crossing (n	o circuit ma	p, off pole	377/166)				0.20		_		
	65	377X15	5.94					5.94					5.94				5.94
34 KV	65	377X16													-		
34 KV	65	377X17	0.05				_							0.05			
34 KV	65	377X18						-					_				
34 KV	65	377X29	4.18					2.41					4.18				
34 KV	65	380X1	7.85		0.57	0.04			8.31		_		7.85			-	
34 KV	65	3115X	20.46			0.11	29.00					20.46				20.46	
34 KV	65	3115X9	5.66_									5.66				5.66	
34 KV	65	3115X12	73.13	Yes		50.00				67. <u>4</u> 7				73.13			
34 KV	65_	3137X	44.51		0.26	0.27			44.51			44.51			•		44.51
34 KV	65	3137X1	53.14		0.24	0.08		55.32	_				53.14				57.73
34 KV	65	3137X3	9.38						9.38						9.38		
34 KV	65	3137X4	0.10	137X/12	24 west of N	orthwood h	Varrows S/S	0.10					0.10				
34 KV	65	3137X5	11.79							11.79					11.79		

Data Request NSTF-03 Dated: 02/07/2006 Q-STAFF-027

VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT MILES	ЕТТ	1996 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
34 KV	65	3137X6	11.15						11.15						11.15		
34 KV	65	3137X7	4.55			:				4.55					4.55		
34 KV	65	3137X8	5.26					,		5.26					5.26		
34 KV	65	3137X10	13.00						13.00				13.00				
34KV	65	3137X80	8.45						8.45	_			8.45				8.45
34 KV	65	3152X	18.52	Yes	0.15	0.15		7.24			18.52					18.52	
34 KV	65	3152X1	8.08		0.08			18.79					8.08				18.79
34 KV	65	3162X1	11.21	Yes							11.14					11.21	
34 KV	65	3162X2	5.52		0.04				5.52	_			5.52				
34 KV	65	3162X3	1.24							_			1.24				
34 KV	65	3162X4	3.55								3.50		0.05			3.55	
34 KV	65	3191X1A	13.87			13.87						13.87				13.87	
34 KV	65	3191X1B	9.50		0.34	0.19		2.48			6.43					9.50	
34 KV	65	3191X2	3.66		3.66								3.62				
34 KV	65	3191X5	3.58			٠		2.98				2.98			_		
34 KV	65	3191X6	5.73					7.76					5.73				
34 KV	65	3191X7	0.25										0.25				
34 KV	65	3191X8	0.64					-	1.04				0.64				
34 KV	65	3191X10	1.19		1.19								1.02			_	
34 KV	76	348X1	83.90			1.38	89.14					89.14				83.90	
34 KV	76	348X2	3.41			7.47	59.06					3.41				3.41	
34 KV	76	348X3	94.58		34.38	79.67				98.78				94.58			
34 KV	76	348X4	7.62					7.39					7.62				
34 KV	76	348X5	18.21					19.60			_		18.21				19.60
34 KV	76	348X6	0.77						0.82				0.77				
34 KV	76	348X8	7.09						8.96				7.09				

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Data Request NSTF-03 Dated: 02/07/2006 Q-STAFF-027

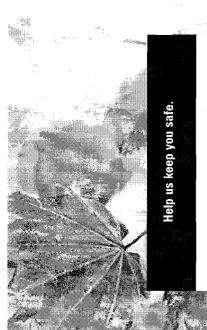
# PUBLIC SERVICE OF NEW HAMPHSIRE SCHEDULED MAINTENANCE PLAN 2001-2008

NA19 8002							43.91							105.04	15.26											17.32
NAJ9 TOOS																										
NAJ9 9002			0.92	49.67	6.64																					
COMPLETED 2005																										
COMPLETED 2004	16.77	3.62				0.11		3.13	16.67	0.33	0.25	9.80	4.43		13.86	4.79	1.00		1.70	4.99	0.99	3.68			2.42	
COMPLETED 2003							46.08							105.04				0.23					17.23	19.20		
COMPLETED																										17.32
COMPLETED																										
COMPLETED 2000	18.90	1.94	1.06	•					16.09	1.64	0.25	11.83	5.16	105.04			0.69		2.51			3.68			6.00	
1999 COMPLETED				49.67	6.25			4.04						11.00	15.26	5.08				4.30	3.73			18.41		
1998 COMPLETED																							17.23			
1997							40.47											0.23	0.40					0.44		17.32
COMPLETED 1996						0.55								105.04										0.24		
щз														Yes									·			
TOTAL CIRCUIT	16.77	3.62	0.92	49.67	6.64	0.11	46.08	3.13	16.67	0.33	0.25	9.80	4.43	104.17	13.86	4.79	1.00	0.21	1.70	4.99	0.99	3.68	17.23	19.20	2.42	17.32
сівсиіт	348X9	351X1	351X2	351X16	351X17	355X	355X 1	355X 2	355X 3	355X 4	355X 5	355X 6	355X 7	355X10	376X1	376X2	376X3	376X4	376X5	376X6	350X	350X1	350X2	350X3	351X3	351X4
TSIQ	92	92	92	76	92	92	92	92	92	92	76	92	76	16	92	92	92	76	76	76	77	77	77	77	1.2	12
YOLTAGE	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV

29 of 30

03/06/2006

COMP	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	VOLTAGE
ANY T	34 KV TOTALS	77	77	77	77	77	77	77	77	DIST
COMPANY TOTALS		3525X6	3525X5	3525X4	3525X3	3525X2	3525X1	3525X	351X5	CIRCUIT
11,006.1	7,305.3	2.60	63.50	24.27	4.67	21.97	5.60	2.50	0.28	TOTAL CIRCUIT
			Yes			Yes				ETT
1,725.7	1,191.4									1996 COMPLETED
1,976.4	1,213.1					0.92			0.28	1997 COMPLETED
2,329.2	1,456.4					21.97				1998 COMPLETED
2,164.1	1,319.5		63.50	24.27						1999 COMPLETED
2,249.4	1,147.5	2.60	20.00		4.38		5.82	5.47		2000 COMPLETED
2,384.6	1,906.1									2001 COMPLETED
2,357.9	1,923.8								0.28	2002 COMPLETED
2,278.9	1,487.6		63.50	24.27		21.97				2003 COMPLETED
2,305.3	1,796.7	2.60			4.67		5.60	2.50		2004 COMPLETED
2,186.0	1,543.4									2005 COMPLETED
2,303.1	1,666.3									2006 PLAN
2,282.6	1,520.6									2007 PLAN
2,187.4	1,647.0		63.50	24.27		21.97			0.28	2008 PLAN



If a tree branch breaks off and lands on a power line, don't touch the branch or wire. Call PSNH immediately at 1-800-662-7764.

Don't cut down trees or branches near power lines yourself. Have it done by trained professionals or call PSNH.

Stay clear of power lines when removing any object caught in a tree.

No one should climb trees that are anywhere near power lines. Be sure children understand this.

Before you plant a tree, make sure it won't grow too close to overhead power lines when it matures.

If you have any questions or would like more information, you can always call PSNH at

1-800-662-7764 or visit us on the web at psnh.com



☐ Yes! Your contractor has my permission to prune or remove trees to minimize outages and maintain required clearance at power lines.

# ☐ Yes! Please remove wood.

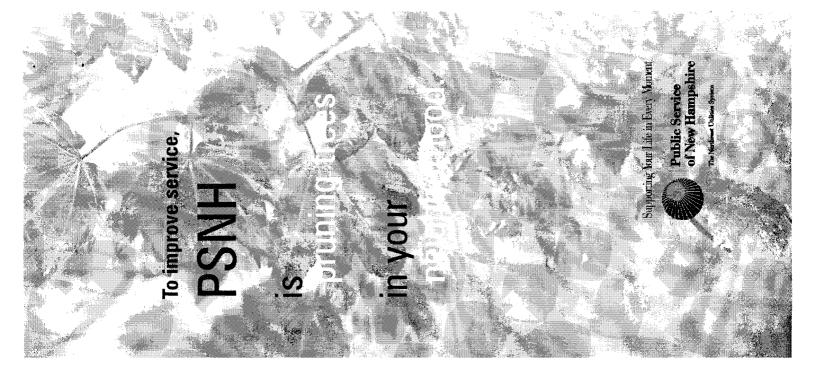
Ves! Please contact me first before pruning begins.

Phone: Best time to call: ☐ I don't own this property. (Please identity property owner below):

Comments:

Please sign and date below.

Your Name: PRINT
Address: STREET TOWN
Signature: Date:



## and you can help!

outages and means less safety hazards for you. Regular tree pruning helps to prevent power

hazards for people, wildlife and even the trees themselves. thing from power outages, fires and downed lines, to safety perfect harmony. But when they touch, it can cause everyand power lines. They can live mere feet from each other in Put some things together and they just don't mix. Take trees

outages or compromise safety. lines before they have a chance to daniage property, cause are cleared or certain trees removed from around power on a regular, rotating schedule. During this time, branches To help keep power lines safe, PSNH has trees pruned

#### your permission is needed. Before this work is performed,

tree pruning before starting work. you. However, our contractor needs permission to perform power lines safe is our responsibility, there is no cost to arborcultural techniques are followed. And because keeping inproving tree health and doesn't harm trees when proper bne prinistriem to ansem tresportant inspiration and to ano at company to prune the trees and brush in your area. Pruning your neighborhood, PSNH has hired a professional tree pruning To help ensure public safety and minimize power outages in

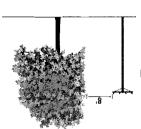
## Giving permission is easy.

will be bicked up. where you found it by the following day and it Please return the completed permission form

Your response is important.

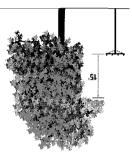
will call to get permission before work begins. For those who don't respond promptly, a representative

between the electrical lines and the surrounding trees: prune to create the following minimum safe distances When the tree pruning company arrives, they will

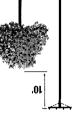


leaving no stub. Sometimes ing point, or at the trunk, will be cut at a main branchat certain points, branches proper pruning requires cutting will be cut back. Because 8 feet of the electrical line Any limb extending within

than 8 feet from the nearest wire may be removed. To inches in diameter or less at chest height located less wires but it helps preserve the health of the tree. Trees this may mean the branch is cut more than 8 feet from the



limbs reaching the wires. growth and likelihood of its health of the tree, direction of suce, but this depends on the inside of the minimum clearon older trees can remain removed. Certain main branches a height of 15 feet will be Any limb above the wire to



nearest primary conductor. of 10 feet of clearance to the be left if they have a minimum Slower growing species will growing will be removed. line and recognized as fast Species located under the

Don't go near these lines or attempt to prune trees or pale to your house are energized and can be dangerous. Remember, the electric lines running from the utility

call PSNH at 1-800-662-7764 for more information.

near these lines.

tree contractors so they can prune trees safely. Please

PSNH may de-energize pole-to-house lines for professional

confractors can be hired by customers for pruning work

PSNH prunes these lines and when trees or branches are

Pine, Poplar, Birch, Cherry, Red Maple, Ash, Silver Maple,

Oak, Hemlock, Cedar, Sugar Maple, Norway Maple,

constant danger around power lines. To elinrinate this

Because some trees grow quite rapidly, they pose a

Pruning pole-to-house lines

Willow, and certain other species.

Fast growing trees include:

Hickory, and certain other species.

Slow growing trees include:

danger, the trees must be removed.

Fast growing trees are removed.

Slow growing trees are pruned.

directly in contact with the wires. Professional tree pruning

branches around them!

Public Service Company of New Hampshire Docket No. DM 05-172

Data Request NSTF-03 Dated: 02/07/2006 Q- STAFF-028 Page 1 of 1

Witness: Robert T. Hybsch

Request from: New Hampshire Public Utilities Commission Staff

#### Question:

Please provide a summary by year, for each of the past 5 years, of your expenditures for maintenance tree trimming (i.e., trimming not associated with additions, extensions, overlashing, construction or reconstruction). Please include in this summary the number of miles trimmed in each year.

#### Response:

PSNH Planned Maintenance and Proactive Trimming.

Year	<u>Miles</u>	<b>Expenditures</b>
2005	2,196	\$6,410,657
2004	2,280	\$6,046,387
2003	2,349	\$5,899,282
2002	2,467	\$6,320,670
2001	2,483	\$6,998,029

#### INTERCOMPANY OPERATING PROCEDURE

## PUBLIC SERVICE OF NEW HAMPSHIRE AND NYNEX / NEW ENGLAND

#### JOINT TREE TRIMMING AGREEMENT

#### EFFECTIVE October 1, 1994

The purpose of this Intercompany Operating Procedure is to establish a definite method of allocating the costs of trimming and any related basal ground spraying of tree and brush stumps associated with the construction and maintenance of a joint pole line.

#### 1. Maintenance Trimming

- a. Maintenance trimming shall be done on a joint basis when both companies have a need. When it is agreed that both parties will benefit from such Joint Tree Trimming the division of cost will be 75% Electric Company and 25% Telephone. (see attachment #1)
- b. Heavy storm work such as hurricanes, wet snow, tornadoes, and ice storms will be handled immediately without prior review. Field representatives of the two companies as soon as practicable, after each major storm, will meet to communicate which cities/towns, streets, and lines were trimmed as a result of a heavy storm. Billing should include the same information. The parties agree to a 50/50 basis for heavy storm work. The parties agree to reciprocal acceptance of each other's tree contractors for heavy storms. Removal of weakened or toppled trees and large limbs which threaten both parties' plant will be removed on a 50/50 basis, subject to field review, wherever possible.

It is not the intent of this paragraph to assume the cost responsibilities that should be borne by the town and/or municipality to provide access to restoration areas.

#### 2. Construction Trimming

a. Trimming for addition, extension or reconstruction shall be surveyed in the field and a determination made whether both parties have a need. The division of cost shall be in accordance with attachment 2.

#### 3. Ground Cutting

a. The cost of removal of roadside brush and small trees shall be done on a joint basis when both companies have a need and borne at the same percentages as is stated in items 1 and 2 of this agreement.

#### 4. Chemical Treatment

a. The cost of basal ground spraying of tree and brush stumps at the time of ground trimming and chemical treatment shall be borne at the same percentages as is stated in items I and 2 of this agreement.

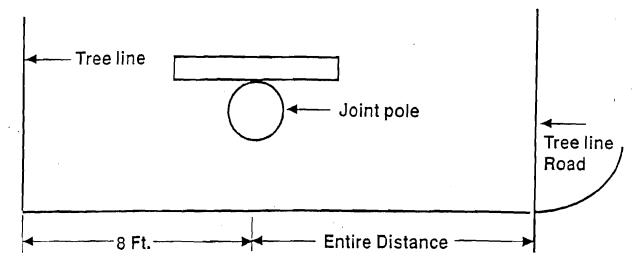
#### 5. Administration

- a. All trimming agreements will be performed via the Exchange of Notice Form 605a
- b. Maintenance contracts that will exceed \$5,000 in cost to NYNEX will be awarded to the lowest of at least four qualified bidding contractors.
- c. Each Company will annually furnish the other Company with a list of its approved Trimming Contractors.
- d. For work done by Contractor that is not on both Companies' list of approved Contractors, the constructing Company will pay the full cost of the Trimming bill and then bill the other Company its share of the total cost. Such bill shall be accompanied by a copy of the Contractor's bill.
- e. The full cost of any uncoordinated trimming, except for storms, shall be borne by the Company that arranged for same.
- f. When work is done by mutually approved contractors, the contractor will bill each Company separately for its share of the trimming costs. Bills rendered by the contractor to each Company will show the total cost of the job and the percentage and cost billed to the other Company.

PUBLIC SERVICE OF NEW HAMPSHIRE  By	Date:	10/03/94
NYNEX / NEW ENGLAND	Date:	10/11/84

## MAINTENANCE TRIMMING

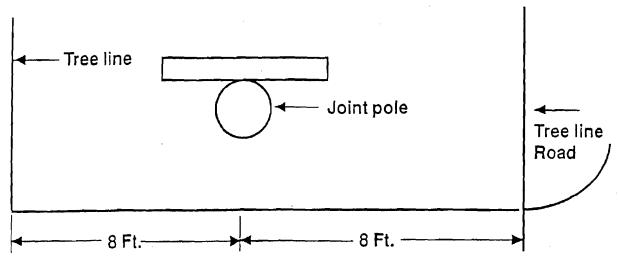
#### Roadside Trimming, Highway or Private Way



<u>Division of Trimming Costs</u> PSNH = 75%

**NYNEX = 25%** 

#### Off Road (R.O.W.) Trimming



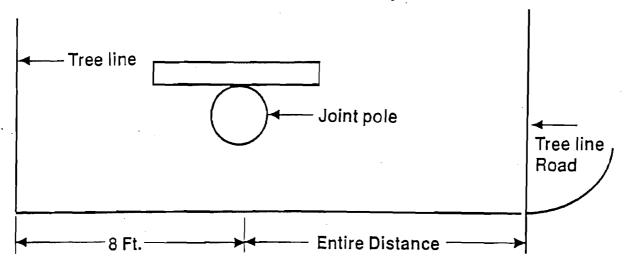
**Division of Trimming Costs** 

**PSNH = 75%** 

**NYNEX = 25%** 

### **CONSTRUCTION TRIMMING**

#### Roadside Trimming, Highway or Private Way

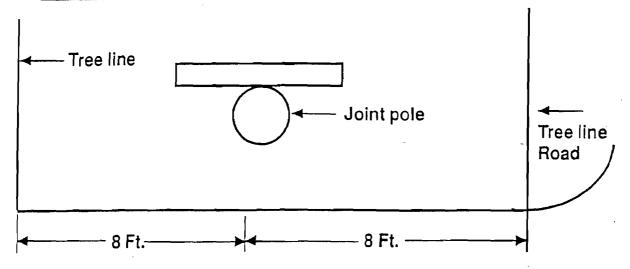


**Division of Trimming Costs** 

PSNH = 60%

**NYNEX = 40%** 

#### Off Road (R.O.W.) Trimming



**Division of Trimming Costs** 

**PSNH = 60%** 

**NYNEX = 40%** 

#### INTERCOMPANY OPERATING PROCEDURE

IOP #6

# PUBLIC SERVICE OF NEW HAMPSHIRE AND NYNEX / NEW ENGLAND

#### INSPECTION AND TREATMENT OF STANDING POLES

EFFECTIVE October 1, 1994

The purpose of this intercompany operating procedure is to provide a uniform practice by both Companies for the inspection and treatment of jointly-owned poles in order to lengthen the life of pole plant and obtain mutual benefits for each Company.

- 1. All joint poles shall be inspected initially at or before the age of 20 years. Poles shall be re-inspected at a maximum of 10 year intervals thereafter.
- 2. Each Company shall be responsible for the inspection and treatment of all jointly-owned poles within their respective maintenance areas. Within each maintenance area all such poles shall be inspected and treated in accordance with that respective Company's standards, specifications or procedures. Inspection and treatment may be performed by Company employees or authorized agents or contractors.
- 3. The cost of inspection and treatment shall be born individually by each Company for their respective maintenance areas.

PUBLIC SERVICE OF NEW HAMPSHIRE	
By <u>David H. Rogusland:</u> Title: Vice President-Customer Operations	Date: 10 63/94
Title: Vice President-Customer Operations	
NYNEX / NEW ENGLAND	,
By RR Dit	Date: 10 / 4/
Title: Managing Director	<i>Suite:</i> ————————————————————————————————————

#### Verizon New England Inc. d/b/a Verizon New Hampshire

#### State of New Hampshire

**Docket No. DM 05-172** 

Respondent: Marianne Ryan

Title: Director - Construction

New Hampshire Utilities Commission Staff, Set 1 **REQUEST:** 

DATED: November 29, 2005

REPLY:

ITEM: Staff 1-12 Provide information or pertinent policies on pole inspections,

> maintenance, and replacements necessary to ensure the safety and integrity of utility poles. Include in the response applicable inspection intervals (years between inspections),

the percentage of poles inspected and the methods of

inspection.

Pole inspections, maintenance and replacements are conducted on an ongoing and regular basis. For example, technicians have been trained in several methods to test each pole whenever climbing. First, a visual test is conducted for pole rot, splits and damage. Second, a sound and prod test is

conducted where a hammer is used to identify any rotting. Additionally, a screwdriver is driven into the pole below grade level to detect potential rotting at the base of the pole. Third, a strand test is conducted where a rope is thrown over the cable/strand and the technician tests its strength by hanging from the rope. If a pole is deemed unsafe by the technician, it

is marked as such and local management is immediately notified.

As a result of routine and on-going inspections performed in the normal course of business, a set pole inspection schedule is

not required.

#### Verizon New England Inc. d/b/a Verizon New Hampshire

#### State of New Hampshire

#### Docket No. DM 05-172

Respondent: Martin Wilkinson

Title: Manager – OSP Engineering

**REQUEST:** 

New Hampshire Utilities Commission Staff, Set 3

**DATED:** 

February 7, 2006

ITEM: Staff 3-23

Reference your response to Staff 1-15: Please identify the subset of poles that are pending Verizon NH transfers within Verizon's maintenance area. How many of these transfers have been pending in excess of 60 days? 90 days? 180 days? One year? Two years?

**REPLY:** 

The information below identifies poles where Verizon NH has pending transfer activity. The data, however, do not imply that these locations are ready for Verizon NH to transfer.

	Category	Total
Verizon Set	1 Under 60 Days	219
Area	2 Between 60 and 90 days	110
	3 Between 90 and 180 days	445
	4 Between 180 and 1 yr	560
	5 Between 1 yr and 2 yrs	499
	6 Over 2 yrs	1,280
Sub-Total		3,113
Electric Set	1 Under 60 Days	375
Area	2 Between 60 and 90 days	77
	3 Between 90 and 180 days	117
	4 Between 180 and 1 yr	220
	5 Between 1 yr and 2 yrs	439
	6 Over 2 yrs	1,138
Sub-Total		2,366
Grand Total		5,479

VZ #104

Public Service Company of New Hampshire Docket No. DM 05-172

Data Request NSTF-03 Dated: 02/07/2006 Q- STAFF-009 Page 1 of 1

Witness: Robert T. Hybsch

Request from: New Hampshire Public Utilities Commission Staff

#### Question:

For the years 2000 through 2005 inclusive, has any entity on which you depend to set poles for what you would consider normal work, delayed your requested installation schedules? If so, please list each occurrence by year and the duration of each delay.

#### Response:

Yes. PSNH has had numerous instances where pole sets have been delayed beyond requested installation dates. PSNH has been tracking this information since 2004, as shown in the attached spreadsheet. The spreadsheet lists instances of delay for new and replacement pole sets in the PSNH's three operating divisions.

Attachment

#### SEACOAST NORTHERN NEW POLE SETS

New Pole Sets in Verizon's Maintenance Area: Provide specific examples where PSNH delayed service to our customers due to Verizon's delay in setting new poles in their maintenance area. Note if pole was set by PSNH.

			-		·		1		
AWC	PSNH WR	Verizon#	Location	Town	Date Notified	<u>Date</u> Pole Set	Type Work	Commen <u>ts</u>	Days Duration
AWC	I SIVII WIC	V CITZOII #	Location	<u>10WII</u>	Date Notified	Tole Set	Type work	<u>comments</u>	Buration
								Made contact with Vz - C. Rioux	
								5/25/04. Staked pole locations in June.	
			Chris Westerte					Waited for payments from PSNH and	
D . 15			Chris Westgate -	D. 111	05/25/2004	00/20/2004	Dala Cat		130
Berlin			Hwy 2	Randolph	05/25/2004	09/30/2004	Pole Set	Vz. Poles finally set 9/30/04. Needed to call Vz. He did shortly	128
								afterwards - CRS order called in	
									]
								9/01/04, field checking - with Cindy	
	ĺ				1			Rioux 10/25/04. Cust. has made pmt.	1
								11/18/04 - Spoke with Travis at Vz -	
			Marcel Campbell,					he checked location 1/4/05 - Verizon	
Berlin			Hill Rd	Dummer	09/01/2004	01/04/2005	new pole set	Set	125
					]			Pole needed to cross road, spoke with	
								Mrs. Lavigne and approx 2 days later	
								she spoke with Vz to place order. CRS	
								order called in 9/20/04. Will be field	
								checking with Cindy Rioux 10/25/04.	
Berlin			25 Mount Carter Dr	Gorham	09/20/2004	10/25/2004	Pole Set	Job is done.	35
								Sent 5 day notice of us setting pole to	
			Development					Cindy 1/3/05. Heard from Travis at Vz	
			DB/OH, Art York,					same day and we scheduled to work	
Berlin	460468		Milan Hill Rd	Milan	09/27/2004	01/06/2005	navy nolo sot	with them on 1/6/05 Job is done.	101
Beilli	400408		Milian Filli Ku	IVIIIaII	09/27/2004	01/00/2003	new pole set	2/4/05-Joe called customer and he said	101
	]					Mar D. Wa		he has left Cindy from Verizon	
D 1:	400.500		<b>531 17 11 D.</b>	D 11:	01/04/2005	Not Done Yet		messages and she hasn't returned any	
Berlin	400503		731 Valley Rd.	Randolph	01/04/2005	2/14/06	Pole Relocation		
L							Anc needs	Notified Travis Andrews at Vz by	
Berlin			PSNH	Errol	01/28/2005	Job is Done	replacement	e-mail that anchor needs replacing	L

#### Dated: 02/07/06 Q-Staff-009

#### Attachment

#### SEACOAST NORTHERN NEW POLE SETS

New Pole Sets in Verizon's Maintenance Area: Provide specific examples where PSNH delayed service to our customers due to Verizon's delay in setting new poles in their maintenance area. Note if pole was set by PSNH.

			·			- <del></del>			
ANVC	DOMESTIC NAME	X7 · //		<b>.</b>	D . N. C. 1	<u>Date</u>	m 117. 1	Comm. At	Days
<u>AWC</u>	PSNH WR	Verizon #	<u>Location</u>	Town	Date Notified	Pole Set	<u>Type Work</u>	Comments	Duration
			Residential OH,	E				Some poles have been set. Field checked today (11/30/04) - still 2-3 not set due to ledge - Vz had to get contractor Anchors - they charge us for the install, don't buy into it but get the benefit of it Biggest issue is the is the lack of communication from the Verizon rep for the north country -	
D 1:	460200		Claude J. Lavallee,		., ,	TEL 057 POLEO	• .	Cindy Rioux. She doesn't return	1
Berlin	460290		1101 Upton Rd	Errol	mid - June	TEL SET POLES	new pole set	phone calls.  Job is done. We did another way.	<del> </del> -
Berlin			Vincent Donato, 24 Spring Rd	Gorham		PSNH SET	new poles to inst primary	Sent note to Cindy 12/7 that we would set.	
Berlin			Carol Batchelder, Spring Rd	Gorham	09/01/2005	PSNH SET	new poles to	Met with Cindy here also on 9/1 for cust complaint. Need taller poles for primary. Nothing done to date. Sent note to Cindy 12/7 that we would set.	
Chocorua	460344		545 Turkey St	Tamworth	06/21/2004				
Epping	361358		Mousam Rd	Strafford	01/02/2004	04/15/2005	Pole Set	Poles set - Verizon trim pending	469
Epping	361648		Wild Goose Pond	Strafford	04/19/2004	_	Pole Set	Job Cancelled	
Epping	460151		Drake Hill Rd	Strafford	06/01/2004		Pole Set	Job Cancelled	
Epping	460145		Browns Pasture	Strafford	06/01/2004	04/23/2005	Pole Set	Verizon Set	326
Epping	460330		Railroad Ave	Epping	06/28/2004	10/20/2004	Pole Set	Verizon Set	114
Epping	461105		Route 4	Nottingham	09/13/2004	09/21/2004	Pole Set	Poles set - Verizon trim pending	8
Epping	460843		Coaster Rd	Strafford	09/13/2004		Pole Set		
Epping	461338		Province Rd	Strafford	10/05/2004	12/01/2004	Pole Set	Verizon Set	57
			FSDB job for					Ron Coker looked into this and the job has been pushed back several times with no explanation. Ron has been told that this will be put on the front burner. Job was to start on 2/1 and is	
Epping	461392		downtown Newfield	Newfield	12/15/2004	02/15/2005	new pole set	now pushed out to 2/9	62

#### SEACOAST NORTHERN NEW POLE SETS

New Pole Sets in Verizon's Maintenance Area: Provide specific examples where PSNH delayed service to our customers due to Verizon's delay in setting new poles in their maintenance area. Note if pole was set by PSNH.

						Date			Days
<u>AWC</u>	<u>PSNH WR</u>	Verizon#	<u>Location</u>	<u>Town</u>	Date Notified	Pole Set	Type Work	<u>Comments</u>	Duration
			Jim Powers, Park						
Lancaster	460216		View Dr.	Franconia	09/20/2004		new pole set		
Lancaster	460281		CATV Route 3	Pittsburg	10/04/2004		new pole set		
Lancaster	460280		CATV, Bear Hill Rd	Pittsburg	10/04/2004		new pole set		
			Northern Acres,						
Lancaster	460217		Steeple View Dr	Bethlehem	10/12/2004		new pole set		
			Northern Acres,						
Lancaster	460218		Mountains Rd	Franconia	10/14/2004	01/06/2005	new pole set		84
			Richard Gould, Ledgewood Ln,					Both Techs said there is still a communication problem, ie responding to their request in a timely manner. They e-mail and leave voice message. Weeks have passed before Verizon	
Lancaster	460277		Bethlehem	Bethlehem	10/14/2004		new pole set	gets back to them.	
Portsmouth	460632		Grove Rd	Rye	08/15/2004	10/29/2004	Pole Set	Job Completed 11/22/04	75
Portsmouth	460399		Marin Way	Stratham	09/20/2004	04/25/2005	Pole Set	Job Completed 05/04/05	217
Portsmouth	367412		Gosling Rd	Newington	09/23/2005	PSNH SET	Pole Set	PSNH Set Pole	PSNH Set
Rochester	460485		216 Green St	Somersworth	06/01/2004	08/12/2004	Pole Set	Verizon trimming pending	72
Rochester	460727		Rahy A. Davis	Somersworth	06/01/2004	10/12/2004	Pole Set	Verizon Set	133
Rochester	460131		Colonial Dr	Rochester	06/01/2004	01/04/2005	Pole Set	Verizon Set	217
Rochester	360478		Chestnut Hill Rd	Rochester	06/28/2004	08/18/2004	Pole Set	Verizon trimming pending	51
Rochester	320091		275 Scruton Pond Rd	Rochester	10/01/2004	10/18/2004	Pole Set		17
Rochester	461297	_	Stonewall Dr	Rochester	10/12/2004	03/15/2005	Pole Set		154

#### SOUTHERN NEW POLE SETS

Q-Staff-009

New Pole Sets in Verizon's Maintenance Area: Provide specific examples where PSNH delayed service to our customers due to Verizon's Attachment delay in setting new poles in their maintenance area. Note if pole was set by PSNH.

	T		men manntenance	1		Date			Days
AWC	PSNH WR	Verizon#	Location	Town	Date Notified	Pole Set	Type Work	Comments	Duration
					_=			Customer ready homes constructed. Verizon	
Bedford	9Z460635		Legacy Dr.	Manchester	07/23/2004	03/10/2005	New Riser	Contact	230
				-				Need anchors set so we can transfer to new poles	
Bedford	358784		Sebbins Pond Rd	Bedford	08/02/2004		anchors		
	ĺ							Waiting for pole set, customer has open	
Bedford	361202		15 Lynn Dr	Bedford	08/13/2004			communication with Verizon	
								Anchor placed in wrong location. Verizon Contact	
Bedford	9Z461604		Elm St.	Goffstown	10/04/2004	12/29/2004	Pole Set	Heather Thoman. Anchor set 2/5/05.	86
D - 46 4	262400		146 A 145 - D 1	0.55	10/14/2004			Waiting for pole set, notified customer to keep	
Bedford	363400		146 Addison Rd	Goffstown	10/14/2004			communication with Verizon	
						ł		Heather agreed to install new pole, upgrading	
Bedford	363400		Addison Rd.	Goffstown	10/14/2004	not set	Pole Set	pole customer going from overhead to urd.	
- Dealord	303400		Addison Rd.	Gonstown	10/14/2004	not set	role set	Faxed Mary Feeney on 10/18/04 to field check	
								and to schedule pole set. Drove by on 4/5/05 and	
	CRS36891	ĺ				]		noticed pole set, not sure of the exact date when	
Bedford	5		Summit Dr.	New Boston	10/18/2004	04/05/2005	Pole Set	Verizon installed.	169
								Customer looking to complete conduit. Verizon	
Bedford	9Z461676		Susan's Way	New Boston	10/29/2004	04/05/2005	New Riser	Contact Mary Feeney.	158
							<u> </u>	House well under construction need svc. pole to	
Bedford	9Z461999		South Hill Rd	New Boston	11/01/2004	04/08/2005	Pole Set	go perm. Verizon Contact Mary Feeney	158
							_	Customer chose not to wait hired JCR. Verizon	
Bedford	9Z461451		Bedford Rd	New Boston	11/02/2004	SET See Note	New Riser	Contact Mary Feeney.	
								Pole to be set on Front St for new riser Wayne	
Bedford	359488		3 Country Club Dr	Manchester	11/15/2004	05/27/2005	New Riser	Hackett	193
D-4C 1	200700	l	)./ CLID 1	G 66 .	11/15/2004			Talked to Wayne Hackett, did give him the info.	
Bedford	388789		Moose Club Park	Goffstown	1/17/2004	not set	Anchor		
Bedford	389891		1333 Goffstown	Manahastan	11/24/2004	02/02/2005	D. I. C. (.		0.0
Beatora	389891		Rd.	Manchester	11/24/2004	03/02/2005	Pole Sets	Part of the Control o	98
Bedford	9Z359488		Country Club Dr	Manchester	11/30/2004	05/27/2005	New Riser	Footings in Construction ongoing. Verizon	178
Bealtit	7L337400		Country Club Dr	Manchester	11/30/2004	03/2//2003	New Riser	Contact Wayne Hackett.  Customer looking to complete conduit. Verizon	1/8
Bedford	9Z462080		Countryside Blvd.	Manchester	12/02/2004	03/25/2005	New Riser	Contact Wayne Hackett.	113
Dealord	72702000		Country side Divd.	1 Tanchester	12/02/2004	03/23/2003	New Kisei	Road completed customer anxious to start.	113
Bedford	9Z461393		Foxberry Dr.	New Boston	12/03/2004	04/05/2005	Anchor	Verizon Contact Mary Feeney.	123
2047014	12 1013/3	ll	i oncorry Di.	2.077 D031011	12/03/2007	0 1103/2003	- Incher	Lychizon Contact Mary I coney.	123

#### SOUTHERN NEW POLE SETS

Q-Staff-009

New Pole Sets in Verizon's Maintenance Area: Provide specific examples where PSNH delayed service to our customers due to Verizon's Attachment delay in setting new poles in their maintenance area. Note if pole was set by PSNH.

delay in	setting nev	v poies iii	their maintenance	area. Note	ii pole was				
				_	Í	<u>Date</u>		_	Days
<u>AWC</u>	PSNH WR	Verizon #	Location	<u>Town</u>	Date Notified	Pole Set	Type Work	Comments	Duration
D. IC. I	07462040		82 Sebbins Pond	D 10 1	10/00/0004		. ,	Customer request over three years old Verizon	
Bedford	9Z462049		Rd.	Bedford	12/08/2004	not set	Anchor	Contact Wayne Hackett.	
D 10 1	07260212			G 20		0.5 (0.1 (0.0.5		Home constructed and service inspection	1.50
Bedford	9Z360212		Durango Dr.	Goffstown	12/13/2004	05/21/2005	9 Pole Sets	received. Verizon Contact Wayne Hackett	159
D 10 1	205661		417 4 1771 5 1	D 10 1	1.0/1.5/2004	00/01/000		was ledge set pole for main line. Waiting for cust.	104
Bedford	395661		4 Liberty Hill Rd.	Bedford	12/17/2004	03/31/2005	2 Poles	to run pipe.	104
D 16 1	07560052		73 Sebbins Pond	D 10 1	12/21/2024			Tree guy removed due to dead tree. Verizon	
Bedford	9Z560053		Rd	Bedford	12/21/2004		Anchor	completed tree removal. Verizon Contact	_
D 10 1	07461710		262 6 21 21	D 10 1	0.1.100.1000.5	00/14/2005	37 51	Customer looking to place conduit. Verizon	
Bedford	9Z461719		263 S. River Rd	Bedford	01/09/2005	03/14/2005	New Riser	Contact Wayne Hackett.	64
D 10 1	07560140		S River Rd @			00/15/2005		new mainline pole to feed Hawthorne Dr south	
Bedford	9Z560148		Hawthorne	Bedford	02/04/2005	08/15/2005	New pole	entrance Wayne Hackett	192
								Construction Ongoing. Verizon Contact Heather	
Bedford	9Z560297		Briar Rd.	Bedford	03/14/2005	05/03/2005	2 Poles	Thoman.	50
Bedford	416493		505 Coolidge Ave.	Manchester	03/24/2005	08/17/2005	Pole set	Service pole for new construction.	146
	l							new home construction waiting for trimming by	
Bedford	9Z560474		Locust Hill Rd	Goffstown	04/15/2005	12/28/2005	4 poles	Verizon 1/16/06	257
Bedford	420618		Locust Hill Rd	Goffstown	04/19/2005	12/28/2005	line ext	poles in still needs to be trimmed	253
Bedford	426149		W River Rd	Hooksett	05/05/2005		replace pole	pole top rotted	ļ
								Poles were set after issue with the Ray the Mover	l
								service were brought up at a board of Mayor and	
								Alderman meeting. Pole sets were completed	
								11/19. PSNH crews began framing on 11/22.	
								Line relocation (and service to Ray's) should be	
Bedford	263640	_	Allard Dr	Manchester	09/21/2005	11/19/2005	relocation	completed by 12/13)	59
						_		Customer had an issue with neighbor concerning	
					1			pole location, reason why there was a pole still	
								not set. Verizon had to go back out and relocate,	
								which created another problem with another	
								neighbor. Finally resolved the trimming issue	
								back on 10/16/05. Green light was created for	
								Verizon to set pole and relocate another. Paul	
								Morin has since tried to get a schedule from Joy	
ľ						Ì		Johnson with no satisfaction. PSNH is ready to	
, l								run line extension	}
Bedford	448770		Lot 5-38 Beard Rd	NI D	10/16/2005	12/16/2005	line extension	OATOIDIOI	61

#### **SOUTHERN NEW POLE SETS**

Q-Staff-009

New Pole Sets in Verizon's Maintenance Area: Provide specific examples where PSNH delayed service to our customers due to Verizon's Attachment delay in setting new poles in their maintenance area. Note if pole was set by PSNH.

delay iii	setting nev	v poies in	ineir maintenance	t arca. More	il pole was		1. T	<u> </u>	T D
ANVC	DCMI IVD	<b>Х</b> 7!	T	773	D . N .: G .	<u>Date</u>	- N/ 1		Days
AWC	PSNH WR	<u>verizon #</u>	<u>Location</u>	<u>Town</u>	Date Notified	Pole Set	Type Work	<u>Comments</u>	Duration
Bedford	464444	4 A A ED I	Greenfield Rd	Now Destar	10/27/2005			Need new poles set for road widening for new	
Bedford		4AAFRJ		New Boston	10/27/2005	<del></del>	relocate poles	subdivision	1
Bediord	470392	9AAXZC	Front St	Manchester	11/22/2005		riser poles	Need new poles for riser to front sty apts	-
D	106126		1165	, ,	02/02/2005	,		Gave need date of 4/1. Left msg for Eric Bronson	
Derry	406436		115 Emerson Av.	Hampstead	03/02/2005	n/a	NS	and Jeff Walz for status on 4/27.	-
	00.560513		G . 7.1				l	J. Noble met with tel on site and asked that the	
Derry	9D560713		County Rd.	Windham	08/15/2005		New riser	pole be set by 09/30/06 at the latest.	
1								Contacted Verizon 10/17/05 - recontacted 10/21 -	
Hooksett	452501	9aaxvb	Shannon Rd	Hooksett	09/05/2005		ns	scheduler on vac until 11/1	
								Verizon refusing to set 100% PSNH push brace	
Milford	475967		Townsend Rd	Mason	01/12/2006		line ext		
								Per R. Coffield, pole were to be set week of	
								12/26/2005. Verizon was notified that we would	
Nashua	470304		Rte. 101A	Nashua	12/05/2005		EWR new sets	set poles if not set by 01/03/2006.	
								We called verizon on 1/21/06 to remove a large	
								tree that was on their cable. The weight of the	
								tree was enough to pull over 2 joint poles if left in	
								place. We left the area after Verizon was	
								notified. We received a call from the Nashua	
								Police 1/22/06 informing us that there was a tree	
								still on the line at this location. Our crew went	
								out to check and discovered that Verizon failed to	
								remove the tree the previous night. Our crew	
								removed the tree and we billed Verizon for our	
Nashua			Learned St.	Nashua	01/21/2006	NI/A	t-may hla	time.	
INASIIUA			Learneu St.	i Nasnua	01/21/2006	N/A	trouble		<u> </u>
				<del>                                     </del>			1		<del>                                     </del>

#### WESTERN NEW POLE SETS

Dated: 02/07/06 Q-Staff-009

Attachment

New Pole Sets in Verizon's Maintenance Area: Provide specific examples where PSNH delayed service to our customers due to Verizon's

delay in setting new poles in their maintenance area. Note if pole was set by PSNH.

uciay iii	setting nev	v poics in	men mannenanc	c area. More	ii poie was	set by I SI	. <b>111</b> •		
						<u>Date</u>			Days
<u>AWC</u>	<u>PSNH WR</u>	Verizon #	<u>Location</u>	<u>Town</u>	Date Notified	Pole Set	Type Work	<u>Comments</u>	Duration
								Verizon eventually set pole but didn't notify PSNH. Pole	
								fell over - Verizon said it would be 6 wks to fix - they fixed	
Hillsboro	409601		136 Route 136	Francestown	04/28/2005	Unknown	Pole Set	but no notification.	Unknown
								Pole has been broken for 1 yr (?) Tel going to relocate the	
Hillsboro	9H510001		Palmer Rd	Francestown	11/04/2005	01/05/2006	Pole Set	lines	62
Hillsboro	9H510006		Greenfield Rd	Francestown	11/04/2005		Pole Set	Pole not set	
Hillsboro			Pleasant Pond Rd	Francestown	11/04/2005		Pole Set	Pole not set	
								Ewr request that was submitted to Verizon on 2/7/05 -	
								Verizon stated they were held up by Town of Jaffery	
Keene	9K510041		Old Sharon Rd	Jeffrey	02/07/2005	04/29/2005	Pole Set	Licensing process	81
								Customer request for five pole set - were to be set in early	
								March. Verizon stated they were held up by Town of	
Keene	9K560254		Old Sharon Rd	Jeffrey	03/02/2005	05/02/2005	Pole Set	Jaffery Licensing process	61
				,				Troy MacDonald of Verizon said they will contact the town	
								of Lisbon to resolve the issue of pole placement and	
Newport				Lisbon	01/05/2005	05/25/2005	Pole Set	transfers	140
Newport			Goose Lane	Bath	01/23/2006	_	Anchor	Verizon had not responded so PSNH set anchor on 2/8/06	

Data Request NSTF-03 Dated: 02/07/06 Q-Staff-009 Attachment

### SEACOAST NORTHERN REPLACEMENT POLE SETS

Replacement Pole Sets in Verizon's Maintenance Area: Provide specific examples where PSNH delayed maintenance or planned projects/jobs due to Verizon's delay in setting replacement poles in their maintenance area. Note if pole was set by PSNH.

					<u>Date</u>	Date			Days
<u>AWC</u>	PSNH WR	<u>Verizon #</u>	<u>Location</u>	<u>Town</u>	<u>Notified</u>	Pole Set	Type Work	<u>Comments</u>	Duration
Lancaster	367811		Route 110 Stark (PSNH pole # 300/93-1)	Stark	09/27/2004	03/03/2005	Pole replacements	Notified by e-mail that PSNH needed pole replaced due to service upgrade.	157
Lancaster	404149		Route 18 (PSNH poles 130/121 & 126)	Franconia	01/26/2005		Pole replacements	E-mailed Verizon that these need to be done ASAP. Verizon work order # 9AAPMW. Verizon Memo # 04-7-3518, PSNH Memo # 76-62-05. Memo was written in April 2004. 1st we have heard of it. Travis called to schedule job. Replacements scheduled for Monday 3/7/05.	
Lancaster	407683		Route 18 (PSNH pole 130/56, Verizon 1/70)	Franconia	02/23/2005		Polo replacement	E-mailed Mike Mills, Verizon, that need pole replaced due to Primary URD line extension being built from	
Lancaster	407063		verizon 1770)	Tancoma	02/23/2003		Pole replacement	here.	
	_				_				

Data Request NSTF-03

Dated: 02/07/06 Q-Staff-009 Attachment

### SOUTHERN REPLACEMENT POLE SETS

Replacement Pole Sets in Verizon's Maintenance Area: Provide specific examples where PSNH delayed maintenance or planned projects / jobs due to Verizon's delay in setting replacement poles in their maintenance area. Note if pole was set by PSNH.

						Date			Days
<u>AWC</u>	<u>PSNH WR</u>	<u>Verizon #</u>	<u>Location</u>	<u>Town</u>	Date Notified	Pole Set	Type Work	Comments	Duration
Bedford	332219		36 Forest Dr	Bedford	04/14/2004		Anchor	Anchor for leaning pole	
Bedford			Front St	Manch	10/28/2004	03/31/2005	Trouble	Vehicle accd	154
							_	EWR, Mike Motta - Pole changes necessary to	
Bedford	99Z410290	9AAUAX	Third St_	Manch	10/29/2004	10/03/2005		correct voltage issues.	339
Bedford	388157	_	Sebbins Pond Rd	Bedford	11/19/2004		Anchor	Set anchor to remove tree guy - Cust Complaint	
								PCB change polyphase xfmr - install three phase	Į l
Bedford	399062		Ferry St	Manch	01/07/2005	_	Pole Set	bank	
Bedford	397036		Ardon Dr	Hooksett	01/30/2005			Pole replacements for new phase Hooksett Pump	
Bedford	404996		Jenkins Rd	Bedford	02/01/2005	04/26/2005	Pole Set	Town request - road widening project	84
Bedford	407034		Meetinghouse Rd	Bedford	02/08/2005		Move Pole	Pole was set in incorrect location	
Bedford	407034		Meetinghouse Rd	Bedford	02/09/2005	12/22/2005		Waiting for pole to be moved - See CRS Note	316
Bedford	423320		136 Bog Rd	Goffstown	04/20/2005	04/20/2005	New Anchor	Line Extension - Primary wires low	
Bedford	426149	9AAVWG	W. River Rd	Hooksett	05/12/2005			Cracked pole top - primary dead end	
Bedford	438383	9AAVIS	Countryside Dr	Manch	05/19/2005			Relocate anchors	
Bedford	473379	9AAX17	21 Fox Run Rd	Bedford	10/18/2005			Cust Voltage Complaint	
Bedford	494178	9AAYVV	Quinn St	Manch	12/29/2005		Replacement	Need new pole set to split load	
l l				_		_			
									-
									-
				,					-

				_						_							
VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT	ETT	1996 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
5 KV	63	1H2	4.74		0.23	0.23			4.74								4.74
5 KV	63	2H1	15.30		0.59	0.08			15.30				_				15.30
5 KV	63	2H2	0.50				0.50								0.50		
5 KV	63	5H1	11.62			11.62					11.62	_					
5 KV	63	5H2	14.37			14.37						14.37					
5 KV	63	6H1	8.90		0.31	0.12			8.90								8.90
5 KV	63	6H2	5.14			0.11			4.10								5.14
5 KV	63	20H1	2.00	_			2.20						2.00				
5 KV	63	70H1	12.30			0.08					12.30						
5 KV	63	70H2	6.00						6.00								6.00
5 KV	64	90H1	10.00			_		10.00							0.34	9.66	
5 KV	64	90H2	34.00					34.00							34.00		
5 KV	65	11H1_	3.38			3.38	_					3.38					
5 KV	65	11H2	3.85			3.85				_				3.85			
5 KV	65	13H1	4.39		0.12	0.04			4.39							4.39	
5 KV	65	13H2	10.44		0.12	0.16	10.44					i			10.44		
5 KV	76	5H1	21.31		2.31	1.01			22.91								21.31
5 KV	76	5H2	14.12		1.80				15.52								14.12
5 KV	76	13H1	8.76			0.11		10.54								8.76	
5 KV	76	14H1	0.70						0.70							0.70	
5 KV	77	2H1	7.40						7.40		_		7.40				
5 KV	77	2H2	6.18			0.04			6.18							6.18	
5 KV	77	15H1	3.80						3.80								3.80
5 KV	77	15H2	9.93						9.93								9.93
5 KV	77	15H3	5.79						5.79					_		_	5.79
5 KV	77	18H1	9.27			0.08			9.27								9.27

## PUBLIC SERVICE OF NEW HAMPHSIRE SCHEDULED MAINTENANCE PLAN 2001-2008

т									_							_								
	NAJ9 800S	251.9						13.15	25.58									-		14.59			28.79	
	NAJ9 700S	271.6																						
•	2006 PLAN	133.9	4.02										0.88			8.12		31.90			10.16	5.70		3.00
	COMPLETED 2005	22.7		18.13	9.34	6.89											14.73						06:0	9.22
	2004 COMPLETED	98.3				į	10.83				28.05	23.24		0.50	11.84									
	2003 COMPLETED	130.4						13.15		23.21						,				14.59			23.20	
	2002 COMPLETED	64.0							25.58										5.96				4.69	
	2001 COMPLETED	34.3																						
	COMPLETED	487.3	4.02		10.44		10.83								15.87	8.10	14.66	31.90			10.12	5.70		
	1999 COMPLETED	236.0		17.81		6.89			5.19		27.46		0.88	0.63										25.80
	1998 COMPLETED	74.64										51.93												1.00
	1997 COMPLETED	168.52		0.41	0.08	0.43	0.04	13.15	1.60	0.19	3.37	0.60	0.04		0.12	0.31	0.11	0.04	0.12	14.59		0.12		0.32
	1996 COMPLETED	101.85				0.23	0.08		0.50	22.88	0.04	0.27	0.22		0.82	0.20		0.62			0.39	0.08	20.36	0.31
	ттз																							
	TOTAL CIRCUIT	959.0	4.02	18.13	9.31	6.86	10.83	13.15	25.58	23.21	28.05	23.24	0.88	0.50	11.84	8.12	14.73	31.90	5.96	14.59	10.16	5.70	28.79	12.22
	тіпэвіэ		1W1	5W2	7W1	14W1	14W2	16W1	16W3	44W2	3W1	3W2	5W1	5W2	13W1	18W3	21W1	27W2	2W2	4W1	5W1	6W1	19W1	19W1
	TSIQ	OTALS	11	1	11	1	Ξ	=	7	1	12	12	12	12	12	12	12	12	21	21	21	21	21	22
	VOLTAGE	5 KV TOTALS	12 KV																					

Data Request NSTF-03 Dated: 02/07/2006 Q-STAFF-027

							_																			
2008 PLAN																	17.10					2.00				18.00
NAJ¶ 700S							64.11					111.57	48.60													
NA⊔¶	27.39	17.65	42.73	20.13		5.68				10.22				72.35												
Z005 COMPLETED	0.81							37.75			9.35							64.76	59.00	37.89	25.00		10.03	24.09	34.50	
COMPLETED									18.94			-					13.26									
COMPLETED 2003					13.84							145.80	48.60		68.50											
2002 COMPLETED			42.73	35.78												4.40						2.00				18.00
COMPLETED							100.48																			
2000 COMPLETED	28.20					6.78				10.16		20.00		87.90												
1999 COMPLETED		21.48						37.26			9.30	125.80	48.60	06.0	20.10											
1998 COMPLETED				30.40			100.00		19.80						48.20				59.00				10.03	18.00	34.50	
1997 COMPLETED	1.84		45.63	90.0			2.01	4.77	0.58				0.32	21.00		4.40	16.82		_	37.89	25.00					
1996 COMPLETED	0.36	0.08		0.58	13.34		0.22	1.65					19.00	1.48	0.23			64.76								
113							Yes																			
TOTAL CIRCUIT	28.20	17.65	42.73	20.13	13.84	5.68	64.11	37.75	18.94	10.22	9.35	111.57	48.60	72.35	62.84	4.40	17.10	64.76	59.00	37.89	25.00	2.00	10.03	24.09	34.50	18.00
тіпэяіэ	23W4	8W1	26W1	32W1	32W2	32W3	4W1	4W2	W1	W2	6M	W13	W14	W15	W110	W175	W185	12W1	13W1	16W1	41W1	46W1	54W1	55W2	60W1	61W2
TSIQ	22	23	23	23	23	23	31	31	31	31	31	31	31	31	31	31	31	32	32	32	32	32	32	32	32	32
VOLTAGE	12 KV	12 KV	12 KV	12 KV	12 KV	12 KV	12 KV	12 KV	12 KV	12 KV	12 KV	12 KV	12 KV	12 KV	12 KV	12 KV	12 KV	12 KV	12 KV	12 KV						

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## PUBLIC SERVICE OF NEW HAMPHSIRE SCHEDULED MAINTENANCE PLAN 2001-2008

	<del></del>													"													
ИА	7d 800Z									60'6		53.45											70.10		27.68		
иА	J9 7002		54.00			22.93	58.42							9.87					7.82		5.10						
NA	Jd 900S			17.75				47.68	40.26				31.40					5.37	80.0	1.86							
- 1	COMPLE	9.27		0.25	49.55											23.29	12.27	0.51					0.59	95.36			
	COMPLE 2004									3.55					8.59							L					
	COWBLE. S003										31.82											105.23				16.67	35.98
	COWPLE 2002											53.45													27.68		
	COMPLE					22.93	58.11			5.54													70.10	95.36			
	COMPLE 2000		54.00	18.00				46.69	46.60	40.40			44.40	9.87	21.19			3.33	7.90		5.10						
	COMPLE								1.50							23.29	12.27	0.51		9.00							
	COMPLE					9.04	0.04				31.71											105.23					
	COMPLE 199				47.84	52.16	58.11		0.51		0.04					0.42	0.78					0.04	1.29			20.38	78.80
	COMPLE 1996	9.27			,	2.66			0.12	0.43	2.00	53.45	0.46							1.70			84.95	·	27.68		
	тэ											Yes										Yes	Yes		Yes		
	TOTAL CIF	9.27	54.00	18.00	49.55	22.93	58.42	47.68	40.26	9.09	31.82	53.45	31.40	9.87	8.59	23.29	12.27	5.88	7.90	1.86	5.10	105.23	70.10	95.36	27.68	16.67	35.98
	тиояіэ	63W1	73W1	74W1	75W2	5W1	32W1	18W1	23W1	24X1	54W1	2W2	3W1	9W1	10W1	11W1	11W2	68W6	70W1	3W1	8W1	18W1	19W1	19W2	28W1	32W1	32W2
	TSIQ	32	32	32	32	35	35	36	36	36	36	4	4	41	41	4	1	14	4	42	42	42	45	45	45	61	61
₽GE	<b>Λ</b> ΤΊΟΛ	12 KV	12 KV	12 KV	12 KV	12 KV	12 KV																				

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## PUBLIC SERVICE OF NEW HAMPHSIRE SCHEDULED MAINTENANCE PLAN 2001-2008

VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT MILES	ЕП	1996 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
12 KV	61	34W3	13.36			13.36						13.36					
12 KV	61	34W4	22.14			0.04			22.14				22.14				
12 KV	61	39W1	5.26					7.52					5.26				
12 KV	61	39W2	28.41			0.16		22.90						28.41			
12 KV	61	57W1	22.40		0.96	10.89		15.45				22.40					
12 KV	61	73W1	97.11	:	2.38	10.00	166.11						97.11				
15 KV	61	115	3.22	Yes		4.00			4.00					1.24	1.98		
15 KV	61	126	0.91					_					0.34				
12 KV	63	2W4	9.00								9.00			0.35			9.00
12 KV	63	2W5	7.91					9.40						7.91			
12 KV	63	15W4	2.60						2.60							2.60	
12 KV	63	16W4	4.71						5.12					4.71			
12 KV	63	58 <b>W</b> 1	6.74		0.04	0.16		7.10					6.74				
12 KV	63	64W1	6.00		0.16			6.00					6.00				_
12 KV	63	64W2	4.10			4.10						4.10				_	
12 KV	64	30W1	42.55					41.70			9.38		33.17				
12 KV	64	31W1	55.22			6.37	71.47					71.47					
12 KV	64	31W2	43.53			34.54					34.54	8.99					
12 KV	65	7W1	8.73						6.75						8.73		
12 KV	65	14W2	23.86		0.62	0.12		27.12						23.86			
12 KV	65	19W1	42.36	_		0.27		56.91					42.36				
12 KV	65	63W1	70.23	Yes		54.00	41.70			91.68					70.23		
12 KV	76	1W1	17.57					20.37	,						17.57		
12 KV	76	1W2	53.97	Yes	55.24						55.24					53.97	
12 KV	76	30W1	78.36			0.30		77.54					78.36				
12 KV	76	36W1	9.74						11.81							9.74	

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34KV	34KV	34KV	34KV	34KV	34KV	34KV	34 KV	34 KV	12 KV	12 KV	VOLTAGE
11	11	11	11	11	11	11	1	1	12 KV TOTALS	77	DIST
14X128A	14X126B	14X126A	14X121	14X118	14X109	14X38	14X9Y	11X	ις.	25W1	CIRCUIT
0.06	0.41	22.70	0.40	0.80	2.33	0.25	0.10	0.16	2741.77	41.63	TOTAL CIRCUIT
											ETT
									432.45	41.63	1996 COMPLETED
									594.74	0.08	1997 COMPLETED
									798.16		1998 COMPLETED
0.43			0.40	0.23	2.00	1.14			686.7		1999 COMPLETED
								1.20	614.58		2000 COMPLETED
	0.40	40.00					0.10		444.20		2001 COMPLETED
									370.06	41.63	2002 COMPLETED
									660.91		2003 COMPLETED
0.06			0.40	0.80	2.33	0.25	0.10	0.16	410.28		2004 COMPLETED
	0.41	22.70							619.96		2005 COMPLETED
									502.84		2006 PLAN
									490.36	41.63	2007 PLAN
									288.53		2008 PLAN

VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT MILES	ETT	1996 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
34KV	11	14X130	0.05										0.05			0.05	
34KV	11	14X135	1.21					1.21					1.21				
34KV	11	14X135Y	0.03				L			0.03	_		0.03				
34KV	11	14X136	0.72	_				0.72					0.72				
34KV	11	14X178	2.02					0.42					2.02				
34KV	11	14X182	0.41					0.14					0.41				
34KV	11_	14X188	6.85		0.08			6.06					6.85		_		
34 KV	_11_	318X2	27.38						34.22				27.38				35.11
34 KV	11	318X4	0.11			Se	e Map 318X	(2.A							0.11		0.11
34 KV	11	321X4	0.03						0.03				0.03	_		_	
34 KV	11	321X11	2.95		2.80						2.95				2.95		2.95
34 KV	11	321X23	0.15		0	n Map 321	<u>&amp;</u> 322 - Ten	nporary Cir	cuit				0.15				
34 KV	11	321X120	0.35	Manche:	ster Wastev	water Treatr	ment Plant	off p. 321/1	21.5 (no cir	cuit map)				0.35			
34 KV	11	322X8	0.03			ļ	_							0.03	_		
34 KV	11	324X4	1.05						1.50					1.05			
34 KV	11	324X5	0.06	Off In	dustrial Dri	ve, Manche	ster, structi	ıre 59					0.06		_		
34 KV	11	324X7	0.52			_				0.23				0.52		_	
34 KV	11	324X 8	7.26			0.23			1.30					7.26			
34 KV	11	324X10	8.73		0.19				4.49					8.73			
34 KV	11	324X11	0.63						0.63					0.63			
34 KV	11	324X12	2.91						2.20					2.91			
34 KV	11	325X 1	0.30						0.30				0.30				0.30
34 KV	11	325X 2	4.83		0.19	0.04			1.30		-		4.83				4.83
34 KV	11	325X 3	0.11			_			0.01				0.11				0.11
34 KV	11	325X4	0.15										0.15				0.15
34 KV	11	325X5	0.04			Autofair To	oyota. Off S	Structure 3	25/8 <b>Y</b> . <b>N</b> o (	circuit map.		_				0.04	

															_		
VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT MILES	ETT	1896 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
34 KV	11	325X 6	0.67			0.67						0.67					0.67
34 KV	11	325X 7	5.96			0.15			2.79				5.96				4.11
34 KV	11	325X10	0.42						0.42				0.42				0.42
34 KV	11	325X11	0.25		0.08				0.45				0.25				0.25
34 KV	11	325X12	0.26						0.26		0.26						0.26
34 KV	11	332X1	0.70			0.70						0.70				0.70	
34 KV	11	334X 8	1.52		0.08				2.20				1.52				
34 KV	11	334X11	0.20						0.04					0.20			
34 KV	11	334X17	3.17			0.08			8.00				3.17				
34 KV	11_	334X18	34.59			33.88				33.88				34.59			
34 KV	11	334X163	0.03										0.03				
34KV	11	370X	4.42						2.75				4.42				
34KV	11	370X3	1.42										1.42				
34 KV	11	387X5	0.06						0.20						0.06		
34 KV	11	387X7	0.45						0.12				0.45				
34 KV	11	387X24A	0.01			,	On 387 Ma	р							0.01		
34KV	11	388	1.14						1.14				1.14			1.14	:
34 KV	11	388X42	0.44										0.44				
34 KV	11	388X63	1.78								1.78		1.78				
34 KV	11	393X 1	1.69		0.04				2.85				1.69				
34 KV	11	393X 2	2.96						1.50				2.96				
34 KV	11	393X 8	2.48				`	6.89					2.48				
34 KV	11	393X10	0.03	0	ff pole 393/	63		0.03					0.03				
34 KV	11	393X11	2.02						6.10				2.02				
34 KV	11	393X20	11.65			8.80				8.80			11.65				
34 KV	11	393X32	0.56					0.24					0.56				

ပု	Ιω	μ	μ	ω	ω	ω	ω	ω	رن ا	رب	ω	رن دن	(s)	(s)	(s)	Iω	Ιω	lω	ω	lω	ω	ω	ω	lω	ω	<del></del>
34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34KV	34KV	34 KV	34KV	34KV	34KV	34KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	34 KV	VOLTAGE
12	12	12	12	12	12	12	12	12	=	=	1	<u> </u>	11	1	1	⇉	⇉	11	11	11	11	11	11	1	11	DIST
322X54	322X17	322X15	322X14	322X12	322X10	312	23X4	23X2	3615X3	3615X2	3615X1	3615	3614X3	3613X1	3613	3190	3184X	3130X	3119X	393X45	393X44	393X40	393X39	393X38	393X36	CIRCUIT
0.78	0.03	0.03	2.78	88.89	11.94	0.51	5.46	2.39	21.26	26.89	51.21	15.45	13.71	8.70	7.80	0.01	43.88	18.87	0.07	0.03	0.23	0.27	1.00	0.04	0.03	TOTAL CIRCUIT
	o								Yes		Yes									Bodwel						ETT
	On Map 3197X.E		2.78	0.08								0.58	0.15		0.08		1.22			Bodwell Rd, opposite 393X2						1996 COMPLETED
	X.E	On		0.42	0.19	On Map 387			0.51			0.27	0.19		0.11			0.46		te 393X2						1997 COMPLETED
		On Map 328X1.B		90.66								12.00			1.62	WMUR -	40.60	12.90								1998 COMPLETED
	0.03	1.B											11.59		0.23	TV. So.				0.03		0.10	0.50	0.04	0.03	1999 COMPLETED
					11.87	0.51										Commercial St.										2000 COMPLETED
							5,46	2.39									40.60									2001 COMPLETED
				85.53					21.26	26.89	51.21			8.70	5.76	No circuit map.										2002 COMPLETED
												13.77						18.87								2003 COMPLETED
0.78	0.03		2.78	3.36	11.94	0.51						1.58	13.71				3.16		0.07	0.03	0.23	0.27	1.00	0.04	0.03	2004 COMPLETED
																										2005 COMPLETED
		0.03									51.21					0.01	43.88									2006 PLAN
							5.46	2.39	21.26	26.89		15.45		8.70	7.80			18.87								2007 PLAN
0.78			2.78	88.89	11.94																					2008 PLAN

VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT	ЕТТ	1996 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
34 KV	12	323X1	0.04	On	Map 3197	x.c		0.04					0.04			0.04	
34 KV	12	323X2	0.04	On	Map 3197	x.c		0.04					0.04			0.04	
34 KV	12_	323X4	0.03	Or	Map 3197	X.E							0.03				
34 KV	12	323X5	48.40	Yes		0.35	7.53			48.04					48.40		
34 KV	12	323X6	0.15	Or	Map 323X	5.A			0.15						0.15		
34 KV	12	323X8	0.03	On	Map 3197	X.E		0.06					0.03				
34 KV	12	323X9	0.09	Or	Map 323X	. <b>A</b>									0.09		
34 KV	12	323X10	0.10	On	Map 3197	X.D			_	0.02			0.10				
34 KV	12	323X11	0.03	On	Map 3197	X.E		0.03					0.03				
34 KV	12	323X14	0.03	On	Map 3197	X.E		0.03					0.03			_	
34 KV	12	323X19	0.04	On	Map 3197	X.D		0.04					0.04				
34 KV	12	327X1	57.81		1.83	0.50		56.80					57.81				57.81
34 KV	12	327X2	88.27			75.52		3.50	4.20	75.52			_	88.27			
34 KV	12	327X3	70.49			2.14		3.50		44.12		_		70.49			
34 KV	12	327X4	74.07		1.47	3.15	117.67	1.00		112.21				74.07			
34 KV	12	327X5	10.58					8.45					10.58				
34 KV	12	327X8	3.89		0.11				3.98				3.89				
34 KV	12	327X9	1.61										1.61				
34 KV	12	327X10	1.85				_		1.85						1.85		
34 KV	12	327X19	0.30								0.18		0.30		_		
34 KV	12	327X34	0.03			On Map 3	27X9.A off	o. 327X/40					0.03				
34 KV	12	328X1	12.75					4.77	14.40				5.30	7.45			
34 KV	12	328X2	2.50					4.55					2.50				
34 KV	12	328X3	1.59					1.59					1.59				
34 KV	12	328X6	0.15					0.36					0.15				
34 KV	12	328X7	0.71						0.57				0.71				

Data Request NSTF-03

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## PUBLIC SERVICE OF NEW HAMPHSIRE 2001-2008

2008 PLAN	2007 PLAN	2006 PLAN	200S COMPLETED	2004 COMPLETED	2003 COMPLETED	2002 COMPLETED	2001 COMPLETED	2000 COMPLETED	1999 COMPLETED	1998 COMPLETED	1997 COMPLETED	1996 COMPLETED	ETT	TOTAL CIRCUIT	CIRCUIT	DIST	VOLTAGE
99.0				41.0		-					<u> </u>			41.0	328X8	15	34 KA
12.05				12.05		59.0		3.29	33.0 33.8		<b>₽</b> 0.0	<b>p</b> 0.0		12.05	328X9	71	34 KA
		99°l				12.0		A=:-	20:-		61.0			39.1	328X10	15	34 KA
				92.0					04.0					92.0	328X11	12	34 KA
				40.0					40.0					<b>1</b> 0.0	328X12	12	34 KA
				410						41.0				41.0	328X13	12	34 KA
				1.02					1.02					20.1	328X18	15	34 KA
	12.54				12.50				<del>\$</del> 0.0		12.50			12.54	332X1	15	34 K∧
			75.0					78.0						78.0	334X2	12	34 K∧
		89.3						4.03					1	89.3	334X14	12	34 KA
				65.8				95.8						65.8	336X1	15	34 KA
				12.33						12,20				12.33	335X2	15	34 K∧
			9Ł.ĉ			10.81						10.0	səx	94.8	5X5EE	15	34 KA
			<u> </u>	90.0				11.0					1	90.0	335X6	12	34 KA
				11.0					71.0	1	1		-	11.0	335X8	12	34 KA
				71.0	``	T	1	T		X355 qsM		1-10( 111-1		71.0	6X3EE	21	34 KA
				£0.0	(\	4.1X288 qsl	N UO UMOUS	исоцеси) г	OSIB) B.17	ASC GEINI II	O (SNIOAA IS	DEVY IJSKO	<u> </u>	£0.0 67.0	335X56	12	34 KA 34 KA
<del></del> -			22.1	97.0 S4.7		78.0		90.61						49.8	1 X09£	71	34 KA
00.1				71	00.1			00.01			00.1			00.1	360X 2	12	34 KA
90.0		90.0		90.0							90.0			90.0	£X09£	12	34 KA
3.50					3.50						3,50			03.5	360X 4	12	34 KA
		14.10				01.41					<b>p</b> 0.0	££.£1		14.10	3 X09£	12	34 KA
				41.0				<b>₽1.0</b>						41.0	9 X09£	12	34 KA
				92.91					15.46		08.0			16.26	7X08£	12	34 KA
46.0		₽£.0		46.0							₽£.0			b£.0	8X09£	12	34 KA

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VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT MILES	ЕП	1996 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
34 KV	12	360X 9	4.91			0.04		4.83					4.91				4.91
34 KV	12	360X10	1.78										1.78				
34 KV	12	360X11	8.51					5.19	3.32				8.51				
34 KV	_12	360X12	0.06			0.06							0.06		0.06		0.06
34 KV	_ 12	360X13	0.43			0.43		On	Map 360X	[1.A			0.43				
34 KV	12	360X14	2.70						2.70						2.70		_
34 KV	12	387	0.85			0.68							0.85				
34 KV	12	3138X	6.36		0.08	0.08			6.37				6.25				
34 KV	12_	3151X2	0.80						1.39				0.80				
34 KV	12	3151X8	0.01		White Ave	enue, off po	le 3151/42			0.01	_		0.01				
34 KV	12	3151X 9	3.05						3.05				3.05				
34 KV	12	3151X10	3.50						3.50			,	3.50				
34 KV	12	3151X 13	0.22		Refer	to Map 315	1X10.A		0.22				0.22				
34 KV	12	3151X49	1.88								1.88		1.88		_		
34 KV	12	3151X52	3.64						3.64				3.64				
34 KV	12	3151X53	0.31		_										0.31		
34 KV	12	3164X1	0.15						0.26				0.15				
34 KV	12	3164X2	1.36			0.04			2.78				1.36				
34 KV	12	3164X3	5.42	-	5.42	0.27					5.42						5.42
34 KV	12	3164X4	0.04						0.19				0.04	_			
34 KV	12	3164X6	0.02						0.02				0.02				
34 KV	12	3164X7	0.08		0.08						0.08		0.08			0.08	
34 KV	12	3164X8	3.47					4.11							3.47		
34 KV	12	3197X	12.99		0.42			12.12					12.99				
34 KV	21	329X1	0.11							0.11						0.11	_
34 KV	21	3 <u>5</u> 3X1	0.34		;				1.29				0.34				

VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT	ЕП	1996 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
34 KV	21	353X2	1.86				1.60						1.86				
34 KV	21_	353X3	3.22		0.08	0.10			3.00				3.22				
34 KV	21	353X4	3.37					_	4.64				3.37				
34 KV	21	353X5	4.61	_	0.69				3.90				4.61				
34 KV	21	353X6	1.28				_		6.02				1.28				
34 KV	21	383X1	19.20		0.98	18.18						19.20					19.20
34 KV	21	383X2	8.36		0.43	0.48			10.95				8.36				10.95
34 KV	21	383X3	6.16		0.08				14.17				6.16				
34 KV	21	389X?	0.15			_			_			0.15	0.15				
34 KV	21	389X3	4.05		0.10					0.10			4.05				
34 KV	21	389X8	2.70						2.70		_		2.70		-		
34 KV	21	3020X	52.25		1.26	3.23	40.25						52.25				52.25
34 KV	21	3020X2	19.04				29.34					16.08					19.04
34 KV	21	3110X	19.79		0.43	0.47	26.40					19.98			_		19.79
34 KV	21	3136X	32.75		12.20						31.25					32.75	
34 KV	21	3144X	21.10			21.10					21.10					21.10	
34 KV	21	3144X1	16.44			16.21		_		_	16.21				16.44		
34 K∨	21	3154X1	22.83		19.68	0.04			0.60		22.80			0.03	22.83		
34 KV	21	3159X	37.34						0.50	37.03				27.34	10.00		
34 KV	21	3168X	17.36		0.04	0.16			15.61			17.00	0.36				
34 KV	21	3175X	10.91			10.91					10.91						10.91
34 KV	21	3175X1	19.53		0.12	3.52		19.53					19.53				19.53
34 KV	21	3175X3	1.67		0.08				1.51				1.67				
34 KV	21	3175X5	2.12			0.04		2.12					2.12				
34 KV	21	3177X	4.69		4.69						4.69	_				4.69	
34 KV	21	3177XA	26.05		26.05						26.05					26.05	

## PUBLIC SERVICE OF NEW HAMPHSIRE SCHEDULED MAINTENANCE PLAN 2001-2008

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VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT MILES	ETT	1996 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
34 KV	21	3177X1	23.27		22.10						23.27					23.27	
34 KV	21	3177X2	35.05		35.36	0.04					35.05				35.05		
34 KV	21	3211X	50.33		0.08	3.59		36.08					50.33				50.33
34 KV	21	3217X	60.60		1.12	10.77		60.17				0.43	60.17				60.60
34 KV	21	3445X	41.14		0.58	0.20	41.78					41.78				41.14	
34 KV	21	3891	0.31				_				_				0.31		
34 KV	22	23X5	123.92	Yes	60.60	38.00	40.16			123.92					123.92		
34 KV	22	23X6	39.90		0.16	0.08			35.70					39.69			
34 KV	22	314X1	0.10			0.10	See	Map 23V	4.A		0.10				0.10		
34 KV	22_	314X2	0.10	Se	e Map 23W	4.A			0.10						0.10		
34 KV	22	314X3	6.47						5.00				6.47				
34 KV	22	314X4	87.90		0.04	0.58	87.90			87.90				77.90	10.00		
34 KV	22	314X6	0.10		See	Map 314X	14.A		0.10						0.10		
34 KV	22	314X8	0.50						0.50				0.50			_	
34 KV	22	314X11	0.10		s	ee Map 273	BA	0.10							0.10		
34 KV	22	314X12	1.49		2.46	0.34		2.90					1.49				
34 KV	22	314X14	7.30								7.30				7.30		
34 KV	22	314X15	33.13		0.04				36.40				33.13				33.13
34 KV	22	314X19	0.50						0.50				0.50		ļ		
34 KV	22	314X20	0.50			-			0.50				0.50				
34 KV	22	314X22	1.10			1.00			1.10				1.10				
34 KV	22	314X23	22.00		0.04				18.97				22.00	_			18.97
34 KV	22	314X24	1.00				1.00						1.00				
34 KV	22	314X25	0.30										0.30			:	
34 KV	22	314X26	5.00								5.00						5.00
34 KV	22	314X28	0.04										0.04				

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VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT	ETT	1996 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
34 KV	22	314X32	0.04										0.04				
34 KV	22	314X33	0.10						<u>.</u>				0.10				
34 KV	22	314X34	0.14										0.14				
34 KV	22	378X2	0.10						0.10		ī			0.10			
34 KV	22_	3143X	4.98			6.10						4.98				4.98	_
34 KV	22	3155X	14.15				14.15				_		14.15				
34 KV	22	3155X2	49.05				49.05			_			49.05				<del> </del>
34 KV	22	3155X3	9.02		0.12			7.54					9.02				
34 KV	22	3155X7	32.95		0.19	0.19			31.87				32.95				32.95
34 KV	22	3155X9	45.07			0.51	_	39.00					45.07			-	45.07
34 KV	22_	3159X	0.60			0.60			_				0.60				
34 KV	22	3212X	23.00		0.32	0.11					23.00					23.00	
34 KV	23	365X	0.15		0.15					_	0.15			0.15			
34 KV	23	3115X	43.41			0.39		13.00	28.40				43.41		3.10		43.41
34 KV	23	3128X	60.01	Yes	1.29	109.41	49.30			76.72				59.51	0.50		_
34 KV	23	3133X	126.71							92.00				126.21	0.50		
34.5KV	23	3141X	152.41	Yes	50.00	37.16	26.20	59.28	9.15	173.34				152.30	0.11		
34 KV	23	3184X	8.39			0.23	16.56			16.56		_		7.39	1.00		
34 KV	23	3184X10	1.08		3.36	0.04					3.40			0.08	1.00		
34 KV	31	39X1	148.36	Yes	127.80	1.38	20.00			147.18				148.36			_
34 KV	31_	53H1	33.57		0.96		33.37						33.57				33.57
34 KV	31	78X1	67.66	Yes		0.31		_			67.66			_	67.66		
34 KV	31	78X2	2.70	Yes					_		2.70	_			2.70		
34 KV	31	3 <u>82</u> X1	78.64	_		4.74		60.20		17.46		60.62	17.46			78.64	
34 KV	31	3120	36.13		0.03	35.83						36.13			_	36.13	
34 KV	31	3140X1	29.05						_		0.28	28.20	5.75				29.05

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VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT	щ	1996 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
34 KV	31	3178X4	53.70			0.27	37.10	3.73	18.71				53.70				53.70
34 KV	32	42X1	10.90		0.16	2.24		:	10.50				10.90				
34 KV	32	42X3	71.23		65.30	0.12					70.92	0.31					71.23
34 KV	32	315X1	0.10		0.10						0.10			0.10			
34 KV	32	316	142.15		0.04	0.56	8.77			151.43				0.25	141.90		
34 KV	32	316X1	138.26	Yes	0.73	0.32	<u>_</u>	138.26				138.26				138.26	
34 KV	32	316X2	41.15		0.54				40.61			41.15				_	
34 KV	32	348X2	57.03			7.47	59.06					57.03				57.03	
34 KV	32	348X19	1.45						0.62				1.45				
34 KV	32	348X20	15.69			0.15			17.37				15.69				
34 KV	32	3410	122.11	Yes	1.01	122.11				122.11				122.11	_		
34 KV	35	24X1	97.39		0.84	0.04	95.86					97.39				97.39	
34 KV	35_	311X1	16.09		1.60	1.01	0.47		15.37				16.09				16.09
34 KV	35	311X2	4.90		4.90						4.90						4.90
34 KV	35	311X3	8.30					_			8.30					8.30	
34 KV	35	311X4	0.26				_		0.26						0.26		
34 KV	35	311X5	23.60								23.60				23.60		
34 KV	35	311X6	7.55							_	7.55			_			7.55
34 KV	35	311X9	39.77							39.77			_			39.77	
34 KV	35	317X1	0.15					0.15						0.15			
34 KV	35	3140	174.41		161.96	0.23					160.83		14.22		174.41		
34 KV	35	3173	122.80		139.50	4.30					121.34		1.46			122.80	
34 KV	35	3173X2	42.94		0.27	5.42		42.90					42.94				42.94
34 KV	36	18X1	33.34			3.44			23.06					23.34	10.00		
34 KV	36	53H2	26.36		11.70	0.04			27.38						26.36		
34 KV	36	313X1	97.80		0.30					64.80			37.60			97.80	

VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT MILES	ETT	1996 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
34 KV	36	313X2	11.37						22.01				11.37				
34 KV	36	313X3	11.47						12.84						11.47	_	
34 KV	36	314H9	83.07		1.16	79.85					82.99				83.07		
34 KV	36	382X2	98.02			101.02	6.70				99.96	1.33	0.14		98.02		
34 KV	41	27X1	36.20	Yes		0.08					36.20				36.20		
34 KV	41	29X1	11.99		13.30						13.56			0.28	11.71		
34 KV	41	310X2	0.77				_	0.77					0.77				
34 KV	41	310X3	13.78						0.75				0.75	13.03	=		
34 KV	41	310X4	0.05						0.20				0.05		_		_
34 KV	41	310X5	3.86			0.11		3.50					3.86				
34 KV	41	310X6	0.03						2.40				0.03				
34 KV	41	338X2	7.14					8.14					7.14				
34 KV	41_	338X3	1.10								1.10					1.10	
34 KV	41	338X4	0.85										0.85				
34 KV	41	398X1	0.06									0.06					0.06
34 KV	41	398X2	28.50		28.50						28.50						28.50
34 KV	41	398X3	20.26						18.67				20.26				
34 KV	41	3222X	58.49	Yes	8.05			48.55						58.49			
34 KV	42	1X4	37.40								37.40				37.40		
34 KV	42	37X4	7.18								10.90		2.46	,	7.18		
34 KV	42_	337X 1	0.09					0.09					0.09				
34 KV	42	337X 2	42.80			32.18						32.18				42.80	
34 KV	42	337X 4	0.20						0.20				0.20				<u>.</u>
34 KV	42	337X 6	3.02					2.80					3.02				
	42	337X7	6.64			6.64						6.64				6.64	
	42	337X8	9.54			9.54	<del></del>					9.54				9.54	

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VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT	ETT	1996 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
34KV	42	337X9	7.81					10.87			_		7.81				
34 KV	42	337X10	2.81	_	_				1.30				2.81				
34 KV	42	337X11	9.51					9.51					9.51				
34 KV	42	337X14	0.05		Ni	ckerson Ind	ustrial Park	, near Tilto	n AWC, off	pole 337/7	3.5		0.05		0.05		
34 KV	42	345X1	3.13						1.95				3.13				
34 KV	42	345X2	0.65						1.00		_		0.65			_	
34 KV	42	3114X	124.87		7.85	2.86	80.97	43.90				124.87	<u>-</u>		_	124.87	
34 KV	42	3798X1	0.60			0.50			1.50					0.60			
34 KV	42	3798X2	12.28				_		11.00				12.28				
34 KV	42	3798X3	8.27						8.27	_			0.84			8.27	
	42	3798X18	0.09						_							0.09	
34 KV	45	333XS_	96.00	Yes	53.55	33.50	6.00		4.00		141.50		_		96.00		
34 KV	45	333XW	116.60		83.16	32.40	6.00				116.60				116.60		
34 KV	45	336X	13.95						13.95				13.95				
34 KV	45	346X1	40.30				_	1.50	5.91	32.89			34.3 <u>9</u>	5.91			
34 KV	45_	347X3	44.00								44.00				44.00		
34 KV	45	395X1	3.25			0.31		_	3.25				3.25				
34 KV	45	3116X	17.86				_		0.77		17.86				17.86		
34 KV	45	3116X1	81.14				27.41				51.34		-	81.14			
34 KV	61	32X1	1.42		_				1.40				1.42				
34 KV	61_	32X2	8.18			6.57						8.18					
34 KV	61	32X3	10.76		0.36	2.13	_				10.76		<del> </del>				10.76
34 KV	61	32X4	5.80					15.80					5.80				
34 KV	61	32X5	0.09		Hom	ne Depot in	Somerswoi	th - See 32	X3.A						0.09	_	
34 KV	61	32X6	1.24	_					0.47	<u>.</u>					1.24		
34 KV	61_	32X8	0.05											0.05	l	0.05	

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## E

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VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT MILES	ETT	1996 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
34 KV	61	32x24	3.86			6.94						3.86					
34 KV	61	32X98	0.25	On 37	71X1, 2, & 3	map.		0.25					0.25			0.25	
34 KV	61	340X 1	4.59						5.06				4.59				
34 KV	61	340X 2	0.38						0.38				0.38				
34 KV	61	340X4	0.40						0.40				0.40				
34 KV	61	340X 5	5.11				6.50						5.11				
34 KV	61	340X11	0.48				0.47						0.48				
34 KV	61	340X924	0.05		See Ma	<u> 43Н1.А.</u>	Tap to Ho	me Depot/F	Rochester N	all off pole	340/82.				0.05		
34 KV	61	362X	16.29		_			15.78				16.15			0.14		
34 KV	61	362X1	13.57										13.57				
34 KV	61	371X1	26.02	Yes	27.50	0.04				27.90						26.02	
34 KV	61	371X2	1.82				_	1.85				1.82				1.82	
34 KV	61_	371X3	0.25					0.68					0.25			0.25	
34 KV	61	371X4	6.19						6.19				6.19		_		
34 KV	61	371X5	1.42						1.42				1.42				
34 KV	61	371X6	0.10	Went	worth Doug	lass Hospit	tal - see 37	1 map	0.10				0.10				
34 KV	61	371X7	0.25						0.25				0.25				_
34 KV	61	371X8	5.38			5.01			_	_			5.38				
34 KV	61	371X9	2.96						2.37	_			2.96				
34 KV	61	371X22	3.13						3.13						3.13		
34 KV	61	371X30	5.36					5.36		L			_	5.36			
34 KV	61	_386X1	5.23			0.04	5.10					5.23					
34 KV	61	386X2	4.15					4.15							4.15		
34 KV	61	392X	4.69						4.69				4.69				!
34 KV	61	392X1	56.41			0.04			59.01			56.41				56.41	
34 KV	61	392X2	8.86						7.93				8.86				

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VOLTAGE	DIST	CIRCUIT	TOTAL CIRCUIT MILES	ETT	1996 COMPLETED	1997 COMPLETED	1998 COMPLETED	1999 COMPLETED	2000 COMPLETED	2001 COMPLETED	2002 COMPLETED	2003 COMPLETED	2004 COMPLETED	2005 COMPLETED	2006 PLAN	2007 PLAN	2008 PLAN
34 KV	61	392X3	0.60				-		0.60				0.60				
34 KV	61	392X4	8.90						8.90	_			8.90				
34 KV	61	392X5	9.00										9.00				
34 KV	61	392X7	81.90	Yes									81.90_				81.90
34 KV	61	399X 1	4.47				11.64						4.47				
34 KV	61	399X 3	0.68				0.91						0.68				
34 K∨	61	399X 4	0.57			0.56					0.57		0.57				0.57
34 KV	61	399X 5	0.11				0.11						0.11				0.11
34 KV	61	399X 6	0.15				0.24						0.15				0.15
34 KV	61	399X 7	0.28_			_	0.97						0.28				0.28
34 KV	61	399X 8	2.89			4.96	_				2.67	_		2.89			
34 KV	61	399X 9	0.19				0.19						0.19				0.19
34 KV	61	399X10	0.01				0.57					_	0.01				0.01
34 KV	61	399X11	2.65		2.37						2.65						2.65
34 KV	61	399X12	1.33						1.22	_			1.33				
34 KV	61	399X13	3.79						3.79				3.79				
34 KV	61	399X14	0.57						0.57				0.57				
34 KV	61_	399X15	1.61						0.91				1.61				
34 KV	61	399X16	9.43		0.24			7.51					9.43				
34 KV	61	399X17	0.28	399X ma	p (off poles	111 and 1	12)	0.10		_	_		0.28				
34 KV	61	399X18	9.99					8.64					9.99	_			
34 KV	61	399X19	2.50					2.50						2.50			
34 KV	61	399X20	0.18					0.18						0.18			
34 KV	61	399X42	0.04	Lo	cated off p	ole 399/42	in Dover Pa	ırk			0.04					0.04	
34 KV	61	399X87	0.15					0.45					0.15				
34 KV	61	3148X	14.28			0.27	24.50				1.36	11.93		1,11	1.24		