

APPENDIX D

A NATURAL GAS PRIMER: THE COMPONENTS OF THE NATURAL GAS DELIVERY SYSTEM

Prepared by The American Gas Association (AGA)

From Wellhead to Burner Tip

The United States has about 1.2 million miles of natural gas pipeline, not including the individual service lines that run into homes and businesses. The following photos show the natural gas delivery system from the wellhead, where natural gas is extracted, to the burner tip, or end-use energy form.



Gas flowing from higher to lower pressure is the fundamental principle of the natural gas delivery system.



Natural pressure brings natural gas to the top of the well, where it goes into gathering lines.



Some gathering lines deliver natural gas to a processing plant, where impurities such as water or carbon dioxide are removed.



Most major pipelines are "looped" -- two or more lines run parallel to each other in the same right-of-way. The pipeline rights-of-way are typically 100 feet wide, with restrictions on construction activities.



Most major pipelines are "looped" -- two or more lines run parallel to each other in the same right-of-way. The pipeline rights-of-way are typically 100 feet wide, with restrictions on construction activities.



Compressor stations are located every 50 to 60 miles along each pipeline. A compressor is an internal combustion engine or turbine that creates pressure to "push" the gas through the lines. Many compressor stations are operated from a pipeline's central control room.



Along the pipeline route, depleted oil and gas wells, salt caverns and other natural geological formations are used to store gas for use during peak periods.



Pipelines interconnect with other pipelines and other utility systems, offering system operators flexibility in moving gas.



When the natural gas reaches a local gas utility, it passes through a gate station, where its pressure is reduced to a range between 100 pounds and as low as 1/4 pound. An odorant is added, and the volumes of gas are measured.



The natural gas then moves into distribution lines, or "mains," that range from 2 inches to 24 inches in diameter. Sections of the distribution system operate at different pressures, with regulators controlling the flow. Generally, the closer natural gas gets to a customer, the smaller the pipe and the lower the pressure.



The gas utility continuously monitors flow rates and pressures throughout its system at its central control center.



When the natural gas reaches a typical home, its service line is one inch or less in diameter, and its pressure is between 60 pounds and 1/4 pound.

APPENDIX E

NEPOOL Generating Units by RTEP03 Sub-Area

t ID	Unit Name	Unit Type	RTEP Sub-area RTEP03	Primary Fuel	Winter Rating (MW)	Summer Rating (MW)
1216	MAINE INDEPENDENCE STATION	CC	BHE	NG	543.72	493.72
1288	BUCKSPORT ENERGY	CC	BHE	NG	193.13	164.76
332	BAR HARBOR DIESELS 1-4	IC	BHE	FO2	8.60	7.90
407	EASTPORT DIESELS 1-3	IC	BHE	FO2	3.05	2.60
475	MEDWAY DIESELS 1-4	IC	BHE	FO2	8.65	7.95
534	PENOBSCOT RIVER HYDRO	HD	BHE	H2O	22.07	22.07
616	WEST ENFIELD	HD	BHE	H2O	18.22	11.41
405	ELLSWORTH HYDRO	HW	BHE	H2O	8.82	8.83
424	GREAT NORTHERN	HW	BHE	H2O	18.95	20.45
424	GREAT NORTHERN UPGRADE	HW	BHE	H2O	100.00	100.00
445	INDECK WEST ENFIELD	ST	BHE	WD	25.53	25.18
446	INDECK JONESBORO	ST	BHE	WD	26.15	26.86
536	PERC-ORRINGTON 1	ST	BHE	REF	21.16	20.85
629	WORCESTER ENERGY	ST	BHE	WD	-	-
1108	CHAMPION	ST	BHE	BIO	32.70	32.70
TOTAL BHE					1,030.75	945.28
1672	KENDALL CT	CC	BOSTON	GAS	170.00	170.00
612	WATERS RIVER JET 1	GT	BOSTON	NG	20.00	14.00
472	M STREET JET	IC	BOSTON	JF	68.10	50.00
417	FRAMINGHAM JET 1	JE	BOSTON	FO2	13.84	9.79
418	FRAMINGHAM JET 2	JE	BOSTON	FO2	14.05	10.05
419	FRAMINGHAM JET 3	JE	BOSTON	FO2	12.87	9.37
452	KENDALL JET 1	JE	BOSTON	JF	20.39	15.39
453	KENDALL JET 2	JE	BOSTON	JF	21.06	16.42
466	L STREET JET	JE	BOSTON	FO2	18.71	13.06
503	MYSTIC JET	JE	BOSTON	FO2	12.47	8.32
613	WATERS RIVER JET 2	JE	BOSTON	NG	45.56	30.26
625	WEST MEDWAY JET 1	JE	BOSTON	FO2	63.67	39.42
626	WEST MEDWAY JET 2	JE	BOSTON	FO2	52.93	35.66
1478	SITHE MYSTIC STATION EXPANSION BLOCK 8	CC	BOSTON	GAS	850.00	707.00
1616	SITHE MYSTIC STATION EXPANSION BLOCK 9	CC	BOSTON	GAS	850.00	707.00
2277	KENDALL STEAM	GT	BOSTON	GAS	61.00	60.00
457	LAWRENCE HYDRO	HD	BOSTON	H2O	14.10	9.40
499	MYSTIC 4	ST	BOSTON	FO6	89.95	99.75
500	MYSTIC 5	ST	BOSTON	FO6	90.90	91.63
501	MYSTIC 6	ST	BOSTON	FO6	99.63	107.39
502	MYSTIC 7	ST	BOSTON	FO6	559.78	554.85
527	OGDEN-MARTIN 1	ST	BOSTON	REF	41.06	40.94
546	RESCO SAUGUS	ST	BOSTON	REF	31.00	30.58
547	RESCO NO. ANDOVER	ST	BOSTON	REF	29.08	28.31
551	SALEM HARBOR 1	ST	BOSTON	BIT	83.99	82.00
552	SALEM HARBOR 2	ST	BOSTON	BIT	78.60	80.00
553	SALEM HARBOR 3	ST	BOSTON	BIT	149.91	149.29
554	SALEM HARBOR 4	ST	BOSTON	FO6	431.00	431.00
343	BLACKSTONE 1	ST	BOSTON	FO6	-	12.60
TOTAL BOSTON					3,993.63	3,613.45
461	UAE LOWELL POWER	CC	CMA-NEMA	NG	87.50	75.50
535	PEPPERELL	CC	CMA-NEMA	NG	40.12	33.14
1188	LOWELL COGENERATION PLANT	CC	CMA-NEMA	NG	28.00	25.00
442	CHERRY STREET 7-12	IC	CMA-NEMA	FO2	15.80	17.40
348	BOOT MILLS	HD	CMA-NEMA	H2O	20.00	20.00
624	WMI MILLBURY 1	ST	CMA-NEMA	REF	39.98	39.73
TOTAL CMA-NEMA					231.40	210.77

t ID	Unit Name	Unit Type	RTEP Sub-area RTEP03	Primary Fuel	Winter Rating (MW)	Summer Rating (MW)
	594 AES THAMES	AB	CT	BIT	182.15	181.00
	324 AETNA CAPITOL DISTRICT	CW	CT	NG	61.33	55.25
	392 DEXTER	CW	CT	NG	39.00	38.00
	515 NORWICH JET	GT	CT	FO2	18.80	15.26
	572 SO. MEADOW 11	GT	CT	JF	46.92	37.00
	573 SO. MEADOW 12	GT	CT	JF	47.87	37.70
	574 SO. MEADOW 13	GT	CT	JF	47.92	38.32
	575 SO. MEADOW 14	GT	CT	JF	47.35	37.35
	492 MONTVILLE 10 AND 11	IC	CT	FO2	5.48	5.30
	420 FRANKLIN DRIVE 10	JE	CT	JF	20.84	15.73
	478 MIDDLETOWN 10	JE	CT	JF	22.08	17.18
	595 TORRINGTON TERMINAL 10	JE	CT	JF	21.14	16.03
	596 TUNNEL 10	JE	CT	JF	21.49	17.10
	484 MILLSTONE POINT 2	NP	CT	UR	867.91	871.55
	485 MILLSTONE POINT 3	NP	CT	UR	1,145.75	1,130.47
	362 BULLS BRIDGE	HD	CT	H2O	8.40	8.40
	412 FALLS VILLAGE	HD	CT	H2O	11.00	9.76
	544 RAINBOW	HD	CT	H2O	8.20	8.20
	356 BRISTOL REFUSE	ST	CT	REF	12.74	13.20
	411 EXETER	ST	CT	TI/	26.00	26.00
	462 LISBON RESOURCE RECOVERY	ST	CT	REF	13.04	12.96
	480 MIDDLETOWN 2	ST	CT	FO6	120.00	117.00
	481 MIDDLETOWN 3	ST	CT	FO6	245.00	236.00
	482 MIDDLETOWN 4	ST	CT	FO6	402.00	400.00
	493 MONTVILLE 5	ST	CT	FO6	81.59	81.00
	494 MONTVILLE 6	ST	CT	FO6	409.91	409.62
	513 NEW HAVEN HARBOR	ST	CT	FO6	454.64	461.18
	562 SECREC-PRESTON	ST	CT	REF	16.95	16.01
	580 SO. MEADOW 5	ST	CT	REF	29.23	28.55
	581 SO. MEADOW 6	ST	CT	REF	30.45	28.55
	new ENGLISH STATION 7	ST	CT	GAS	35.00	35.00
	new ENGLISH STATION 8	ST	CT	GAS	35.00	35.00
	TOTAL CT				4,535.18	4,439.65
	1083 ANDROSCOGGIN ENERGY CENTER	CC	ME	NG	155.61	127.90
	1255 RUMFORD POWER	CC	ME	NG	269.75	244.94
	331 AZISCOHOS HYDRO	HD	ME	H2O	6.81	6.81
	358 BRUNSWICK	HD	ME	H2O	20.20	20.20
	460 LOCKWOOD	HD	ME	H2O	7.50	7.50
	487 MILLER HYDRO	HD	ME	H2O	-	-
	495 MONTY	HD	ME	H2O	28.00	22.83
	532 PEJEPSCOT	HD	ME	H2O	13.55	10.21
	617 WESTON	HD	ME	H2O	13.20	13.20
	621 WILLIAMS	HD	ME	H2O	14.90	14.90
	758 FT HALIFAX	HD	ME	H2O	1.80	1.80
	759 MESSALONSKEE COMPOSITE	HD	ME	H2O	4.40	4.34
	761 SHAWMUT	HD	ME	H2O	9.50	9.50
	328 GULF ISLAND COMPOSITE	HW	ME	H2O	32.97	32.97
	432 HARRIS 1	HW	ME	H2O	16.78	16.79
	433 HARRIS 2	HW	ME	H2O	34.86	34.95
	434 HARRIS 3	HW	ME	H2O	34.16	34.21
	636 WYMAN HYDRO 1	HW	ME	H2O	27.36	27.36
	637 WYMAN HYDRO 2	HW	ME	H2O	29.87	29.87
	638 WYMAN HYDRO 3	HW	ME	H2O	25.73	25.73
	757 HARRIS 4	HW	ME	H2O	1.46	1.44
	345 MEAD	ST	ME	BIO	75.00	75.00
	429 GREENVILLE STEAM	ST	ME	WD	16.08	16.08
	463 AEI LIVERMORE	ST	ME	WD	34.62	34.74
	469 MASON 3	ST	ME	GAS	31.66	32.11
	470 MASON 4	ST	ME	GAS	32.67	32.75
	471 MASON 5	ST	ME	GAS	33.23	32.97

t ID	Unit Name	Unit Type	RTEP Sub-area RTEP03	Primary Fuel	Winter Rating (MW)	Summer Rating (MW)
	590 STRATTON	ST	ME	WD	46.11	45.02
	1107 SOMERSET	ST	ME	BIO	9.70	9.70
	TOTAL ME				1,027.46	965.81
	1649 NEWINGTON ENERGY	CC	NH	GAS	542.63	528.46
	464 LOST NATION	GT	NH	FO2	18.32	14.10
	715 ROCHESTER LANDFILL	GT	NH	MTE	4.98	4.90
	522 NEWPORT DIESELS 4-7	IC	NH	FO2	1.80	2.70
	523 NEWPORT DIESELS 8-10	IC	NH	FO2	2.00	2.00
	382 MERRIMACK CT1	JE	NH	JF	21.83	16.98
	383 MERRIMACK CT2	JE	NH	JF	21.30	16.80
	559 SCHILLER CT 1	JE	NH	JF	18.00	17.00
	619 WHITE LAKE JET	JE	NH	JF	22.26	17.06
	555 SEABROOK	NP	NH	UR	1,160.55	1,161.00
	1625 AES GRANITE RIDGE	CC	NH	GAS	767.00	678.00
	327 AMOSKEAG	HD	NH	H2O	17.50	17.50
	330 AYERS ISLAND	HD	NH	H2O	9.08	9.08
	401 EASTMAN FALLS	HD	NH	H2O	6.47	6.47
	427 GORHAM	HD	NH	H2O	2.05	2.05
	473 MCINDOES	HD	NH	H2O	13.00	13.00
	539 PONTOOK HYDRO	HD	NH	H2O	10.16	7.07
	570 SMITH	HD	NH	H2O	14.18	11.32
	768 GARVINS/HOOKSETT	HD	NH	H2O	14.00	14.00
	380 COMERFORD	HW	NH	H2O	162.34	161.43
	449 JACKMAN	HW	NH	H2O	3.46	3.59
	468 MARSHFIELD 6 HYDRO	HW	NH	H2O	4.50	4.67
	496 MOORE	HW	NH	H2O	183.24	183.77
	772 NEWPORT HYDRO	HW	NH	H2O	3.45	3.40
	337 BETHLEHEM	ST	NH	WD	15.70	15.75
	342 BIO ENERGY	ST	NH	WD	11.00	11.00
	357 BRIDGEWATER	ST	NH	WD	15.55	15.75
	436 HEMPHILL 1	ST	NH	WD	14.30	14.13
	489 MERRIMACK 1	ST	NH	BIT	114.00	112.50
	490 MERRIMACK 2	ST	NH	BIT	320.00	320.00
	508 NEWINGTON 1	ST	NH	FO6	400.20	400.20
	538 PINETREE POWER	ST	NH	WD	17.49	16.62
	550 RYEGATE 1	ST	NH	WD	20.60	20.50
	556 SCHILLER 4	ST	NH	BIT	48.00	47.50
	557 SCHILLER 5	ST	NH	BIT	49.60	47.24
	558 SCHILLER 6	ST	NH	BIT	48.58	47.94
	592 TAMWORTH	ST	NH	WD	21.00	21.00
	618 WHITEFIELD PWR AND LGT	ST	NH	WD	14.40	14.38
	767 SES CONCORD	ST	NH	REF	12.76	12.69
	TOTAL NH				4,147.28	4,013.54
	370 COS COB 10	JE	NOR	JF	22.78	18.52
	371 COS COB 11	JE	NOR	JF	23.23	18.24
	372 COS COB 12	JE	NOR	JF	20.63	18.57
	521 NORWALK HARBOR 10 (3)	GT	NOR	FO2	-	-
	349 BRIDGEPORT RESCO	ST	NOR	REF	59.42	59.06
	519 NORWALK HARBOR 1	ST	NOR	FO6	164.00	162.00
	520 NORWALK HARBOR 2	ST	NOR	FO6	172.00	168.00
	TOTAL NOR				462.05	444.39
	486 MILFORD POWER	CC	RI	NG	170.73	149.00
	507 NEA BELLINGHAM	CC	RI	NG	328.06	269.90
	528 OCEAN ST PWR GT1/GT2/ST1	CC	RI	NG	316.93	271.80
	529 OCEAN ST PWR GT3/GT4/ST2	CC	RI	NG	320.40	272.40
	531 PAWTUCKET POWER	CC	RI	NG	66.45	63.84
	1286 ANP BLACKSTONE 1	CC	RI	GAS	252.07	230.31
	1287 ANP BLACKSTONE 2	CC	RI	GAS	252.41	222.31
	1342 LAKE ROAD 1	CC	RI	GAS	258.42	222.80

t ID	Unit Name	Unit Type	RTEP Sub-area RTEP03	Primary Fuel	Winter Rating (MW)	Summer Rating (MW)
1343	LAKE ROAD 2	CC	RI	GAS	266.87	231.25
1344	LAKE ROAD 3	CC	RI	GAS	272.49	236.87
1412	ANP BELLINGHAM 1	CC	RI	GAS	251.82	221.62
1415	ANP BELLINGHAM 2	CC	RI	GAS	251.82	221.62
1630	RISE	CC	RI	GAS	575.03	515.45
354	BRAYTON DIESELS 1-4	IC	RI	FO2	7.55	7.64
451	JOHNSTON LANDFILL	IC	RI	MTE	12.00	12.00
627	WEST MEDWAY JET 3	JE	RI	FO2	55.84	35.72
321	MANCHESTER 10/10A CC	CC	RI	NG	160.53	137.53
322	MANCHESTER 11/11A CC	CC	RI	NG	164.91	141.91
323	MANCHESTER 9/9A CC	CC	RI	NG	165.00	140.72
350	BRAYTON PT 1	ST	RI	BIT	254.75	243.51
351	BRAYTON PT 2	ST	RI	BIT	254.82	240.00
352	BRAYTON PT 3	ST	RI	BIT	633.00	612.00
353	BRAYTON PT 4	ST	RI	FO6	445.52	435.00
TOTAL RI					5,737.42	5,135.19
375	CLEARY 9/9A CC	CA	SEMA	FO6	110.00	105.00
388	DARTMOUTH POWER	CA	SEMA	NG	68.18	61.80
540	POTTER 2 CC	CC	SEMA	NG	96.03	78.03
1005	DIGHTON POWER 1	CC	SEMA	NG	180.79	143.15
1226	TIVERTON POWER	CC	SEMA	NG	279.45	256.92
361	POTTER DIESEL 1	IC	SEMA	FO2	2.25	2.25
1030	OAK BLUFFS	IC	SEMA	FO2	8.25	8.00
1031	WEST TISBURY	IC	SEMA	FO2	5.50	5.50
579	SOMERSET JET 2	JE	SEMA	FO1	23.00	18.30
537	PILGRIM	NB	SEMA	UR	673.35	666.68
1691	SITHE EDGAR STATION EXPANSION (FORE RIVER)	CC	SEMA	GAS	843.00	700.00
365	CANAL 1	ST	SEMA	FO6	564.41	558.67
366	CANAL 2	ST	SEMA	FO6	562.00	553.00
376	CLEARY 8	ST	SEMA	FO6	26.00	26.00
563	SEMASS 1	ST	SEMA	REF	50.74	46.18
564	SEMASS 2	ST	SEMA	REF	24.32	20.85
577	SOMERSET 6	ST	SEMA	BIT	108.25	105.60
1432	FALL RIVER	ST	SEMA	FO6	5.90	5.20
TOTAL SEMA					3,631.41	3,361.12
1345	WESTBROOK	CC	S-ME	GAS	551.19	511.56
367	CAPE GT 4	GT	S-ME	FO2	17.29	13.20
368	CAPE GT 5	GT	S-ME	FO2	20.65	16.31
369	CATARACT EAST	HD	S-ME	H2O	8.00	8.00
440	HIRAM	HD	S-ME	H2O	11.60	11.60
597	UNITED AMERICAN HYDRO	HD	S-ME	H2O	17.15	15.66
754	BAR MILLS	HD	S-ME	H2O	4.00	4.00
755	BONNY EAGLE/W. BUXTON	HD	S-ME	H2O	17.50	17.50
760	NORTH GORHAM	HD	S-ME	H2O	1.94	1.56
569	SKELTON	HW	S-ME	H2O	19.70	19.42
476	MERC	ST	S-ME	REF	18.86	18.86
542	REGIONAL WASTE SYSTEMS	ST	S-ME	REF	13.71	13.71
591	S.D. WARREN-WESTBROOK	ST	S-ME	WD	38.62	39.78
639	YARMOUTH 1	ST	S-ME	FO6	53.50	52.25
640	YARMOUTH 2	ST	S-ME	FO6	53.19	52.27
641	YARMOUTH 3	ST	S-ME	FO6	118.34	117.05
642	YARMOUTH 4	ST	S-ME	FO6	615.08	609.17
TOTAL S-ME					1,580.31	1,521.89
1032	BRIDGEPORT ENERGY 1	CC	SWCT	NG	527.12	447.88
397	DEVON 11	GT	SWCT	NG	39.57	30.61
398	DEVON 12	GT	SWCT	NG	39.03	30.83
399	DEVON 13	GT	SWCT	NG	42.33	33.33
400	DEVON 14	GT	SWCT	NG	40.19	29.62
341	BRIDGEPORT HARBOR 4	JE	SWCT	JF	14.72	9.92

t ID	Unit Name	Unit Type	RTEP Sub-area RTEP03	Primary Fuel	Winter Rating (MW)	Summer Rating (MW)
	355 BRANFORD 10	JE	SWCT	JF	21.28	16.17
	new MILFORD POWER 2 UNIT 1	CC	SWCT	GAS	262.22	245.00
	new MILFORD POWER 2 UNIT 2	CC	SWCT	GAS	262.22	245.00
	1376 WALLINGFORD 1	GT	SWCT	GAS	48.95	44.50
	1377 WALLINGFORD 2	GT	SWCT	GAS	52.38	41.38
	1378 WALLINGFORD 3	GT	SWCT	GAS	50.51	45.61
	1379 WALLINGFORD 4	GT	SWCT	GAS	47.46	42.18
	1380 WALLINGFORD 5	GT	SWCT	GAS	52.02	41.02
	389 DERBY DAM	HD	SWCT	H2O	7.05	7.05
	566 SHEPAUG	HW	SWCT	H2O	42.56	41.51
	587 STEVENSON	HW	SWCT	H2O	28.90	28.31
	739 ROCKY RIVER	HW	SWCT	H2O	29.01	29.35
	339 BRIDGEPORT HARBOR 2	ST	SWCT	FO6	157.68	152.45
	340 BRIDGEPORT HARBOR 3	ST	SWCT	BIT	370.37	388.87
	623 WALLINGFORD REFUSE	ST	SWCT	REF	6.90	6.35
	TOTAL SWCT				2,142.47	1,956.94
	329 ASCUTNEY GT	GT	VT	FO2	14.24	9.83
	336 BERLIN 1 GT	GT	VT	FO1	47.65	35.49
	363 BURLINGTON GT	GT	VT	FO2	22.96	19.71
	415 FLORENCE 1 CG	GT	VT	FO2	4.09	3.15
	416 FLORENCE 2 CG	GT	VT	FO2	4.04	3.15
	426 GORGE 1	GT	VT	FO2	13.49	8.03
	549 RUTLAND 5 GT	GT	VT	FO2	14.48	10.07
	334 BELDENS	HD	VT	H2O	5.70	4.58
	335 BELLOWS FALLS	HD	VT	H2O	48.54	48.54
	346 BOLTON FALLS	HD	VT	H2O	7.80	7.80
	394 DODGE FALLS	HD	VT	H2O	5.00	5.00
	410 ESSEX 19 HYDRO	HD	VT	H2O	7.80	7.80
	443 HUNTINGTON FALLS	HD	VT	H2O	5.76	4.37
	541 PROCTOR	HD	VT	H2O	6.65	6.65
	565 SHELDON SPRINGS	HD	VT	H2O	26.38	14.82
	622 WINOOSKI 1	HD	VT	H2O	7.30	7.30
	778 GORGE 18 HYDRO	HD	VT	H2O	3.30	3.30
	779 MIDDLESEX 2	HD	VT	H2O	3.30	2.34
	780 VERGENNES HYDRO	HD	VT	H2O	2.10	2.10
	614 WATERBURY 22	HW	VT	H2O	2.60	2.80
	620 WILDER	HW	VT	H2O	41.38	41.59
	774 LOWER LAMOILLE COMPOSITE	HW	VT	H2O	16.35	15.80
	775 MIDDLEBURY COMPOSITE	HW	VT	H2O	5.00	4.55
	776 N. RUTLAND COMPOSITE	HW	VT	H2O	5.30	5.20
	783 HIGHGATE FALLS	HW	VT	H2O	9.34	9.32
	585 ST ALBANS 1 AND 2	IC	VT	FO2	2.40	2.22
	598 VERGENNES 5 AND 6 DIESELS	IC	VT	FO2	4.05	3.95
	1221 ESSEX DIESELS	IC	VT	FO2	1.90	3.15
	611 VERMONT YANKEE	NB	VT	UR	529.08	506.00
	474 J C MCNEIL	ST	VT	WD	53.00	52.00
	TOTAL VT				920.99	850.61
	326 ALTRESCO	CC	W-MA	NG	173.00	141.04
	497 MASS POWER	CC	W-MA	NG	270.00	231.50
	1086 BERKSHIRE POWER	CC	W-MA	NG	262.22	245.93
	1185 STONY BROOK GT1A	CC	W-MA	FO2	119.00	104.00
	1186 STONY BROOK GT1B	CC	W-MA	FO2	116.00	100.00
	1187 STONY BROOK GT1C	CC	W-MA	FO2	119.00	104.00
	1210 MILLENNIUM	CC	W-MA	GAS	386.80	339.13
	583 STONY BROOK 2A	GT	W-MA	FO2	87.40	67.40
	584 STONY BROOK 2B	GT	W-MA	FO2	85.30	65.30
	1693 WEST SPRINGFIELD GT 1	GT	W-MA	GAS	49.75	40.00
	421 FRONT STREET DIESELS 1-3	IC	W-MA	FO2	8.25	7.74
	395 DOREEN	JE	W-MA	JF	21.10	16.60

t ID	Unit Name	Unit Type	RTEP Sub-area RTEP03	Primary Fuel	Winter Rating (MW)	Summer Rating (MW)
	628 WOODLAND ROAD	JE	W-MA	JF	21.00	16.70
	630 WEST SPRINGFIELD 10	JE	W-MA	JF	22.00	17.22
	1694 WEST SPRINGFIELD GT 2	GT	W-MA	GAS	49.75	40.00
	393 DEERFIELD 5	HD	W-MA	H2O	13.99	13.99
	413 FIFE BROOK	HD	W-MA	H2O	9.90	9.90
	465 DEERFIELD 2/LWR DRFIELD	HD	W-MA	H2O	18.74	18.74
	561 SEARSBURG	HD	W-MA	H2O	4.96	4.96
	599 VERNON	HD	W-MA	H2O	24.39	24.39
	766 CABOT/TURNERS FALLS	HD	W-MA	H2O	62.19	62.19
	769 HADLEY FALLS 1&2	HD	W-MA	H2O	31.50	31.50
	781 WEST DANVILLE 1	HD	W-MA	H2O	1.10	1.10
	379 COBBLE MOUNTAIN	HW	W-MA	H2O	30.60	30.86
	435 HARRIMAN	HW	W-MA	H2O	38.70	40.40
	567 SHERMAN	HW	W-MA	H2O	6.24	6.08
	359 BEAR SWAMP 1	PS	W-MA	H2O	292.28	282.51
	360 BEAR SWAMP 2	PS	W-MA	H2O	293.05	280.36
	742 NORTHFIELD MOUNTAIN 1-4	PS	W-MA	H2O	1,080.00	1,080.00
	437 HOLYOKE 6/CABOT 6	ST	W-MA	FO6	6.00	8.76
	438 HOLYOKE 8/CABOT 8	ST	W-MA	FO6	9.00	8.70
	498 MT TOM	ST	W-MA	BIT	146.98	144.43
	582 SPRINGFIELD REFUSE	ST	W-MA	REF	6.00	6.00
	633 WEST SPRINGFIELD 3	ST	W-MA	FO6	100.09	102.55
	TOTAL W-MA				3,966.27	3,693.

Notes:

West Medway Jets 1 & 2 are now in Boston whereas in RTEP02 they were in RI

Lawrence Hydro is now in Boston whereas in RTEP02 it was in CMA/NEMA

Vernon Hydro is now in W-MA whereas in RTEP02 it was in CMA/NEMA

W. Danville 1 Hydro is now in W-MA whereas in RTEP02 it was in NH

Marshfield 6 Hydro is now in NH whereas in RTEP02 it was in VT

Acronyms used to describe unit type and Fuel Type

Unit Type

CC: Combined Cycle
 IC: Internal Combustion
 HD: Daily Hydro
 HW: Weekly Hydro
 ST: Steam Turbine
 GT: Gas Turbine
 JE: Jet Engine
 PS: Pumped Storage
 NB: Steam Turbine - Boiling Water Nuclear Reactor
 AB: Atmospheric Fluidized Bed Combustion
 CA: Combined Cycle Steam Turbine with Supplemental firing
 CW: Combined Cycle Steam Turbine - Waste Heat Boiler Only
 NP: Steam Turbine - Pressurized Water Nuclear Reactor

Primary Fuel

BIO: Biomass
 BIT: Bituminous Coal
 FO1: No. 1 Fuel Oil
 FO2: No. 2 Fuel Oil
 FO6: No. 6 Fuel Oil
 GAS: Gas - Generic
 H2O: Water
 JF: Jet Fuel
 MTE: Methane
 NG: Natural Gas
 REF: Refuse, Bagasse, or Other Non-wood Waste
 TI: Tires
 UR: Uranium
 WD: Wood and Wood Waste