

**Attachment FBW-1**  
**PSNH Resource Portfolio - 2018**

<u>Resource</u>	<u>Rating - MW</u>		<u>Interest</u>	<u>Capability - MW</u>	
	<u>Winter</u>	<u>Summer</u>		<u>Winter</u>	<u>Summer</u>
Amoskeag	17.5	17.0	100%	17.5	17.0
Ayers Island	8.9	8.3	100%	8.9	8.3
Canaan	1.0	0.8	100%	1.0	0.8
Eastman Falls	6.1	5.3	100%	6.1	5.3
Garvins/Hooksett	5.3	2.8	100%	5.3	2.8
Gorham	1.4	0.0	100%	1.4	0.0
Jackman	3.5	3.6	100%	3.5	3.6
Smith	15.2	10.2	100%	15.2	10.2
Merrimack 1 *	108.1	108.0	100%	108.1	108.0
Merrimack 2 *	330.5	330.0	100%	330.5	330.0
Schiller 4 *	48.0	47.5	100%	48.0	47.5
Schiller 5 *	42.6	43.1	100%	42.6	43.1
Schiller 6 *	48.2	47.8	100%	48.2	47.8
Newington *	400.2	400.2	100%	400.2	400.2
Lost Nation *	17.7	14.0	100%	17.7	14.0
Merrimack CT1 *	21.7	16.8	100%	21.7	16.8
Merrimack CT2 *	21.3	16.8	100%	21.3	16.8
Schiller CT 1 *	18.5	17.6	100%	18.5	17.6
White Lake Jet *	22.4	17.4	100%	22.4	17.4
Lempster Wind	7.8	3.2	90%	7.0	2.9
Burgess Biopower	67.5	67.5	100%	67.5	67.5
IPPs Total	31.2	25.0	100%	31.2	25.0
Total				1,243.8	1,202.7

Notes:

\* Owned fossil generation was divested as of 1/10/18.

**Attachment FBW-2**  
**PSNH Supply Resources Used to Serve Energy Requirements - 2018**

<u>Peak</u>	Energy Requirement	PSNH Resource	<u>Portion of Requirement Served by ...</u>										
<u>2018</u>	MWh	Subtotal	<u>IPPs</u>	<u>Lempster Wind</u>	<u>Burgess Biomass</u>	<u>Hydro</u>	<u>Merrimack</u>	<u>Schiller</u>	<u>Newington</u>	<u>Wyman</u>	<u>Bilateral Purchases</u>	<u>ISO-NE Spot Purchases</u>	<u>Combustion Turbines</u>
Jan	172,716	53%	6%	2%	14%	10%	19%	3%	0%	0%	14%	33%	0.00%
Feb	139,533	35%	6%	2%	15%	12%	0%	0%	0%	0%	56%	9%	0.00%
Mar	142,628	35%	6%	2%	14%	14%	0%	0%	0%	0%	54%	10%	0.00%
Apr	0												
May	0												
Jun	0												
Jul	0												
Aug	0												
Sep	0												
Oct	0												
Nov	0												
<u>Dec</u>	<u>0</u>												
Totals	454,877	42%	6%	2%	14%	12%	7%	1%	0%	0%	40%	19%	0.00%

<u>Off-Peak</u>			<u>Portion of Requirement Served by ...</u>										
	Energy Requirement	PSNH Resource		Lempster	Burgess						Bilateral	ISO-NE Spot	Combustion
<u>2018</u>	MWh	Subtotal	<u>IPPs</u>	<u>Wind</u>	<u>Biomass</u>	<u>Hydro</u>	<u>Merrimack</u>	<u>Schiller</u>	<u>Newington</u>	<u>Wyman</u>	<u>Purchases</u>	<u>Purchases</u>	<u>Turbines</u>
Jan	167,903	61%	6%	2%	16%	11%	22%	4%	1%	0%	0%	39%	0.00%
Feb	134,051	40%	7%	2%	17%	14%	0%	0%	0%	0%	39%	21%	0.00%
Mar	138,336	40%	7%	2%	16%	16%	0%	0%	0%	0%	28%	31%	0.00%
Apr	0												
May	0												
Jun	0												
Jul	0												
Aug	0												
Sep	0												
Oct	0												
Nov	0												
<u>Dec</u>	<u>0</u>												
Totals	440,289	48%	7%	2%	16%	13%	8%	2%	0%	0%	21%	31%	0.00%

Notes:

1) PSNH Resource Subtotal is the sum of all columns except Bilateral and Spot Purchases.

**Attachment FBW-3**  
**PSNH Bilateral and ISO-NE Spot Purchases and Sales - 2018**

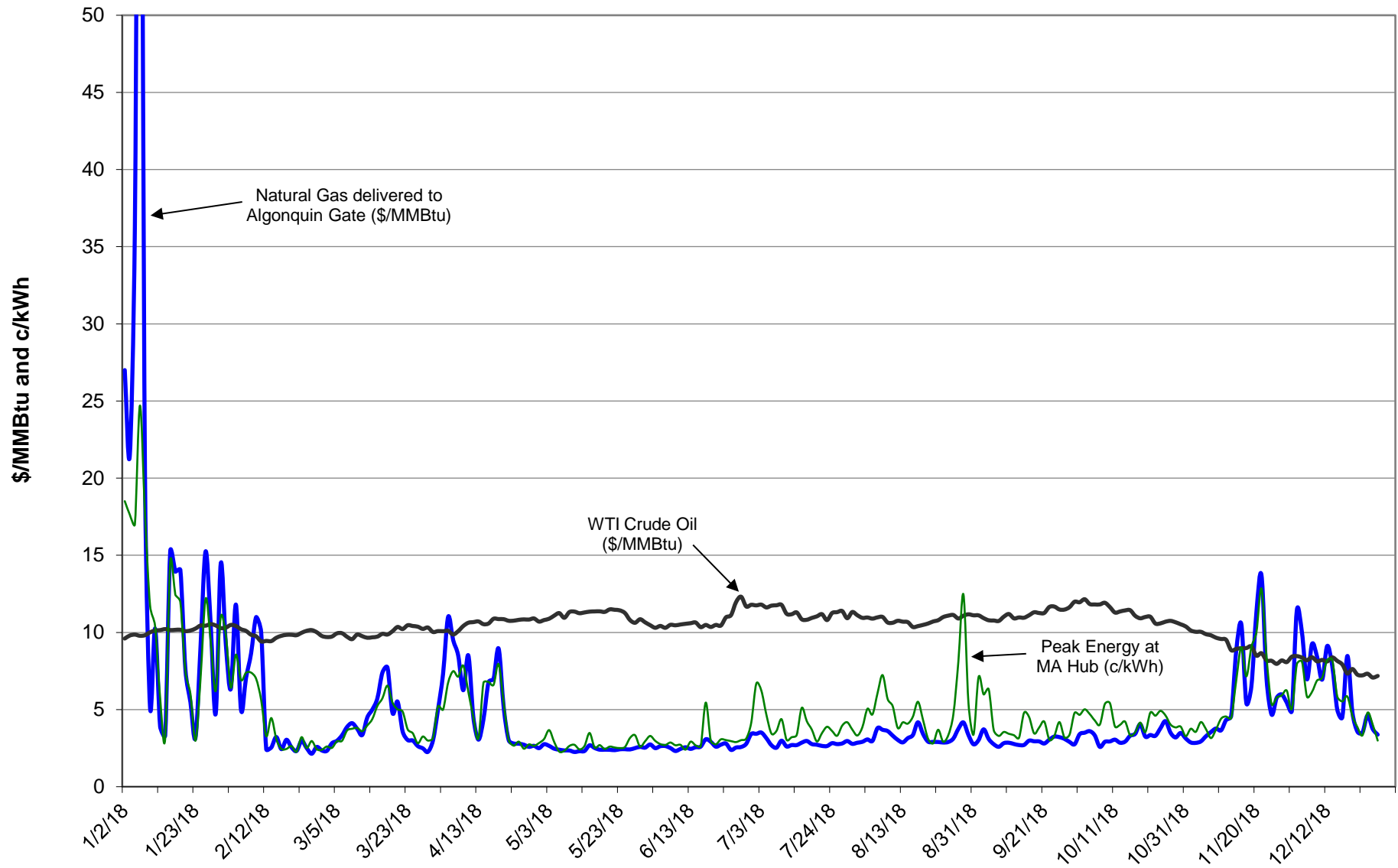
**Peak**

	Total Bilateral Purchases MWh	Total Bilateral Purchases \$000	Avg Price \$/MWh	Total ISO-NE Spot Purchases MWh	Total ISO-NE Spot Purchases \$000	Avg Price \$/MWh	Total ISO-NE Spot Sales MWh	Total ISO-NE Spot Sales \$000	Avg Price \$/MWh
2018									
Jan	24,800	1,811	73.03	56,765	6,008	105.84	38,490	6,372	165.56
Feb	80,000	8,453	105.66	12,873	898	69.79	2,533	(20)	(7.81)
Mar	79,200	4,217	53.25	14,701	715	48.66	1,703	7	3.94
Apr									
May									
Jun									
Jul									
Aug									
Sep									
Oct									
Nov									
Dec									
Totals	184,000	14,481	78.70	84,340	7,622	90.37	42,726	6,359	148.84

**Off-Peak**

	Total Bilateral Purchases MWh	Total Bilateral Purchases \$000	Avg Price \$/MWh	Total ISO-NE Spot Purchases MWh	Total ISO-NE Spot Purchases \$000	Avg Price \$/MWh	Total ISO-NE Spot Sales MWh	Total ISO-NE Spot Sales \$000	Avg Price \$/MWh
2018									
Jan	0	0	0.00	65,139	5,107	78.41	48,660	7,776	159.80
Feb	52,800	5,056	95.75	28,262	1,465	51.82	1,085	(5)	(5.01)
Mar	39,100	1,618	41.38	43,476	1,588	36.52	87	(4)	(49.38)
Apr									
May									
Jun									
Jul									
Aug									
Sep									
Oct									
Nov									
Dec									
Totals	91,900	6,673	72.62	136,877	8,160	59.61	49,832	7,766	155.84

**Attachment FBW-4**  
**Daily Prices (Natural Gas, Crude Oil, Day-Ahead Peak Energy) - 2018**



**Attachment FBW-5**  
**Summary of PSNH Capacity Position - 2018**

	Total ISO-NE Capacity Requirement	PSNH Share of ISO-NE Obligation	PSNH Share of ISO-NE Obligation	PSNH Capacity Expense	PSNH Capacity Resources	PSNH Capacity Revenues	PSNH Net Capacity Expense
<u>2018</u>	<u>MW</u>	<u>%</u>	<u>MW</u>	<u>\$(000)</u>	<u>MW *</u>	<u>\$(000) *</u>	<u>\$(000)</u>
Jan *	35,138	3.03%	1,065	8,115	597	4,298	3,817
Feb	35,117	3.02%	1,061	8,053	280	2,076	5,977
Mar	35,117	2.99%	1,049	7,975	280	2,077	5,898
Apr							
May							
Jun							
Jul							
Aug							
Sep							
Oct							
Nov							
Dec							
Totals	105,371	3.01%	3,175	24,143	1,157	8,451	15,691

Notes:

\* The benefits shown for January are adjusted to reflect the divestiture of fossil generation as of 1/10/18.

PSNH Resources include Fossil-Hydro Assets, non-utility IPPs, and Hydro-Quebec Interconnection Credits.