REC 16-464

NHPUC 16JUN'16AM10:28

Competitive Energy SERVICES

June 13, 2016

Debra A. Howland, Executive Director
New Hampshire Public Utilities Commission
21 South Fruit Street, Suite 10
Concord, NH 03301-2429

Re: REC 16-464, Abenaki Hydroelectric Application for Certification as a REC Eligible Facility

Dear Ms. Howland,

Please accept this letter as a response to your June 2, 2016 letter in this docket requesting additional information regarding the Abenaki request for certification. I have repeated the questions asked below and provided responses to each. If you or Commission Staff require further information or clarification, please let me know.

- Please provide the station's generation totals for each year from 2005 through 2015.

The requested information is provided in the attached table referred to as Attachment 1. An electronic version of this table (excel format) is being emailed to executive.director@puc.nh.gov with an electronic copy to Barbara.bernstein@puc.nh.gov. The table shows generation output from the Anson and Abenaki stations separately, for the two stations combined and beginning in 2008, for Unit #6 at Abenaki. Please note that the generation shown under Unit #6 is included in the generation under Abenaki and in the totals for the combined two hydroelectric facilities.

- Please provide the Unit #6 generation totals for each year from 2007 through 2015.

The requested information is provided in the attached table referred to as Attachment 1. An electronic version of this table (excel format) is being emailed to executive.director@puc.nh.gov with an electronic copy to Barbara.bernstein@puc.nh.gov. The table shows generation output from the Anson and Abenaki stations separately, for the two stations combined and beginning in 2008, for Unit #6 at Abenaki. Please note that the generation shown under Unit #6 is included in the generation under Abenaki and in the totals for the combined two hydroelectric facilities.

- Is unit #6 metered separately from the generation from the other turbines?

Yes. Unit #6 has its own separate revenue grade meter. The metered generation is for Madison Paper's internal use only and is not reported to ISO-NE or NEPOOL GIS separately. Madison

Paper reports generation from the Anson and from the Abenaki facilities under Asset ID 1114 Madison Composite. In addition, the total generation is reported to the GIS under MSS1114.

- How will the 3 MW from Unit #6 be verified?

Based on discussions with James Webb, Madison Paper is proposing that the output from Unit #6 be calculated based on either the historical threshold approach or the percentage approach. In the former case, all annual generation in excess of the average generation over the period 1986 through 2007 (inclusive) will be attributed to Unit #6 at Abenaki. In the latter case, the 3 MW represents 10.35% of the total capacity of 28.977 MW so 10.35% of the generation of MSS1114 will be attributed to Unit #6 at Abenaki. I have shown the calculations of each option in Attachment 2.

- Will the Station obtain a MSS facility code once all of its power is sent to the grid?

Currently, the Madison Abenaki station has a GIS Facility Code #16153 and an Asset ID # NON75202. Following a discussion with James Webb at APX, we will be delisting NON75202. The output from the combined Anson and Abenaki (inclusive of Unit #6) facilities will continue to be reported under MSS1114.

- Will Unit #6 have an independent New England Power Pool (NEPOOL) Generation Information System (GIS) facility code?

No.

- Please verify the GIS facility code with the GIS Administrator. As a generating facility that does not use power behind the meter, the application should have listed an MSS number and not the NON number provided.

Please see response to the above.

If the Commission requires any further information from us regarding this request, please let us know.

Sincerely,

Richard Silkman
Chief Executive Officer

Encl. Attachments 1 and 2

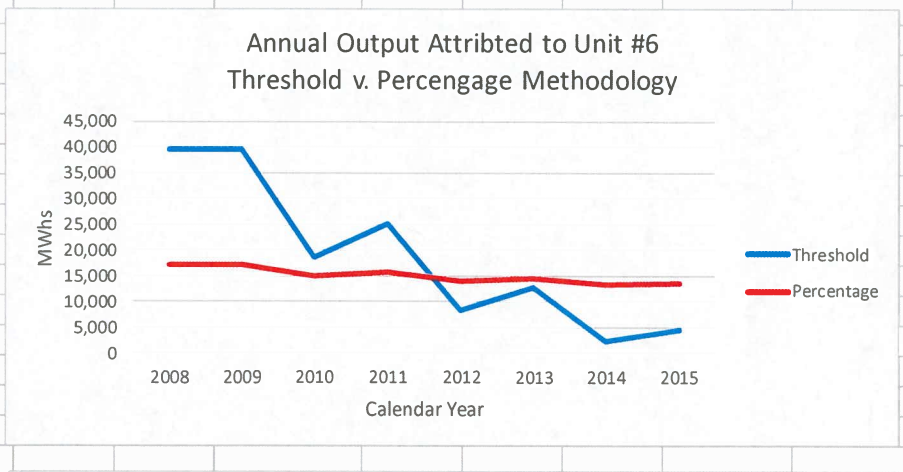
Attachment 1

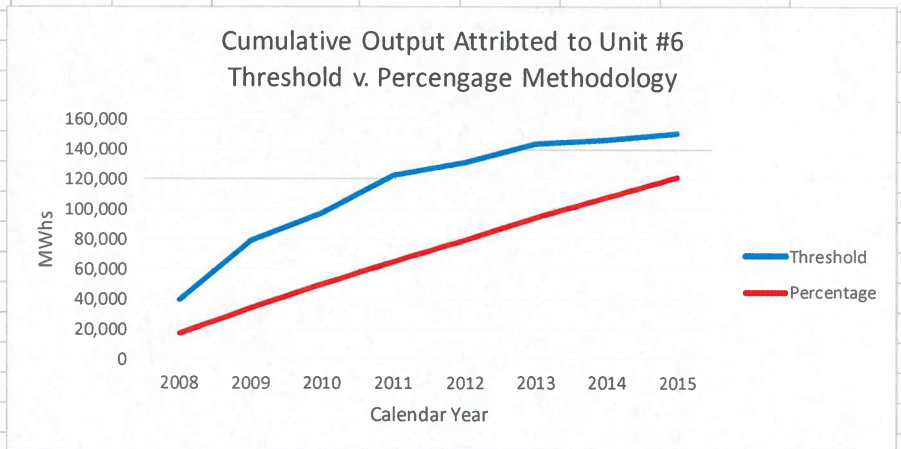
	MPI Historical Hydro Generation		(All figures are in kWhs)		
	Anson	**Abenaki**	**Total Hydro**		
	KWH	KWH	KWH		
1986	47,753,918	74,941,600	122,695,518		
1987	42,728,157	70,248,700	112,976,857		
1888	43,203,340	66,615,500	109,818,840		
1989	43,308,714	69,312,800	112,621,514		
1990	45,191,581	88,023,500	133,215,081		
1991	43,458,456	85,307,960	128,766,416		
1992	43,381,567	82,312,500	125,694,067		
1993	41,148,547	79,929,260	121,077,807		
1994	41,109,725	82,992,700	124,102,425		
1995	42,870,580	82,829,660	125,700,240		
1996	51,455,788	91,407,640	142,863,428		
1997	45,710,132	87,020,240	132,730,372		
1998	51,450,242	89,472,760	140,923,002		
1999	52,298,113	92,625,220	144,923,333		
2000	49,359,400	84,642,320	134,001,720		
2001	40,322,193	69,129,500	109,451,693		
2002	37,202,568	65,998,540	103,201,108		
2003	44,692,441	75,284,640	119,977,081		
2004	51,580,573	80,927,000	132,507,573		
2005	56,333,495	90,741,280	147,074,775		
2006	56,677,347	96,060,500	152,737,847		**Abenaki Unit #6**
2007	51,644,352	91,782,940	143,427,292		0
2008	59,558,494	108,057,420	167,615,914		14,521,000
2009	58,074,939	109,716,800	167,791,739		16,930,200
2010	49,822,491	96,986,200	146,808,691		17,892,000
2011	54,273,156	99,102,837	153,375,993		20,539,000
2012	48,308,433	88,260,967	136,569,400		18,494,000
2013	48,582,960	92,228,054	140,811,014		19,667,000
2014	46,977,393	83,305,400	130,282,793		16,348,000
2015	48,408,261	84,274,400	132,682,661		13,930,000

Attachment 2

Computation of Unit #6 Generation

Threshold Approach			
Average Annual Generation MSS1114 (1986-2007)	MWh	128,204	
Incremental Generation - Unit #6		**Annual**	**Cumulative**
2008	MWh	39,412	39,412
2009	MWh	39,588	79,000
2010	MWh	18,605	97,604
2011	MWh	25,172	122,776
2012	MWh	8,365	131,142
2013	MWh	12,607	143,749
2014	MWh	2,079	145,828
2015	MWh	4,479	150,306
Percentage Approach			
Unit #6 Capacity	kW	3,000	
Capacity of MSS1114	kW	28,977	
Percentage	%	10.35%	
Incremental Generation - Unit #6		**Annual**	**Cumulative**
2008	MWh	17,353	17,353
2009	MWh	17,372	34,725
2010	MWh	15,199	49,924
2011	MWh	15,879	65,803
2012	MWh	14,139	79,942
2013	MWh	14,578	94,520
2014	MWh	13,488	108,009
2015	MWh	13,737	121,745





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