



VIA HAND DELIVERY

December 23, 2013

Mrs. Susan Hudson, Clerk
VERMONT PUBLIC SERVICE BOARD
Peoples United Bank Building, 4th Floor
112 State Street
Montpelier, VT 05620-2701

Re: Docket No. 7628
Petition of Green Mountain Power Corp. et al.
Continuous Sound Monitoring Report

Dear Mrs. Hudson:

In its September 25, 2013 Order, the Public Service Board ("Board") directed Green Mountain Power Corporation ("GMP") to undertake a feasibility review of continuous sound monitoring and file a report with the Board within 90 days. The attached report, prepared by Resource Systems Group ("RSG"), is submitted in compliance with the Board's Order.

In the report, RSG conducted a thorough review of various equipment and service options that could provide for continuous monitoring. Its review included currently-available systems and equipment, as well as technology that has not yet been utilized at wind farms. The report also identifies projected costs associated with various options.

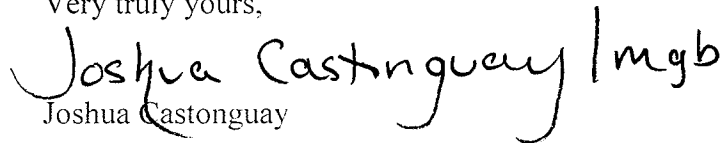
Based on the report, GMP has evaluated which option would result in cost-effective continuous monitoring and produce compliance-quality data. GMP has concluded that the option that best meets these goals is a continuous winter monitoring program at the Nelson monitoring location. The continuous period should begin as soon as possible and continue through April 1, 2014. This period involves the greatest potential of high sound power and continuous high wind speeds. The minor exceedences GMP has experienced to date have occurred during the winter primarily at this location. In order to produce compliance-quality data in an efficient manner, the monitoring should utilize background sound level Methods 2 and 3. Method 2 would only be utilized to calibrate Method 3, and only triggered when the project output exceeds 40 MW. This correlates with high sound power emitted from the turbines. This shutdown plan would reduce costs due to turbine shutdown as well as wear and tear on the turbines themselves.

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The Board's Order provides for comments on this report by January 8. GMP has decided, however, to implement this continuous sound monitoring plan at the Nelson farm beginning in early January and ending on April 1, in order to capture as much of the winter period as possible, and thereby provide reliable, continuous monitoring data through this entire period. At the conclusion of this period, GMP will file a report summarizing the data. GMP will provide an analysis of the data relating to any period in which a complaint was received by GMP. If requested, GMP will also provide direct reporting during times of any complaints by the Nelsons.

This continuous monitoring plan is in addition to and supplements the two week compliance monitoring at all four locations, which will continue as required under GMP's CPG. In addition, although GMP is implementing this plan now in order to take advantage of the winter season, we modify or supplement this plan as required by the Board.

Very truly yours,

mgb
Joshua Castonguay

cc: Attached Docket 7628 Service List

PSB Docket No. 7628 - SERVICE LIST

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