



PUBLIC/REDACTED

WATER SUPPLY PLAN: SUPPLEMENT

Clear River Energy Center
Burrillville, Rhode Island

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FOR SUBMITTAL TO:

State of Rhode Island Energy Facility Siting Board
Public Utilities Commission
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ESS Project No. I108

September 28, 2017





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2.0 WATER SUPPLY - SUPPLEMENTED

As noted in the January 11, 2017 Water Supply Plan, the Clear River Energy Center (“CREC”) has secured commitments from a private trucking company, Benn Water & Heavy Transport Corp. (“Benn Water”), to transport water to the Facility and act as a back-up or contingent water supply. See Appendix G of the January 11, 2017 Water Supply Plan, entitled Benn Water Memorandum of Agreement (“Benn Water MOA”). Pursuant to Section 5 of the Benn Water MOA, CREC and Benn Water entered into an agreement that replaces the Benn Water MOA in its entirety (“Benn Water Transport Agreement”). **Appendix H** (Confidential/Redacted). The Benn Water Transport Agreement describes the terms and commitments for the transportation and supply of back-up or contingent water supply, if needed. *Id.*

The Benn Water Transport Agreement identifies municipal water systems that Benn Water has the ability to and routinely uses to supply its everyday business needs. *Id.* **Table 2.6** (Confidential/Redacted) identifies the source and capacity of the Benn Water supply sources. The quantity of water available from these sources varies on a daily basis. Benn Water represented its historical supply to be eight (8) million gallons per year and indicated that those supply sources do not place limits on Benn Water’s bulk purchase.

Pursuant to Section 4 of the Benn Water MOA, CREC and Benn Water conducted the due diligence associated with these contingent supplies, and Benn Water subsequently executed a long-term firm reserve capacity water supply agreement with the [REDACTED]. Benn Water will supply water to the Facility for process water makeup, as a contingent water supply, from [REDACTED]. This reserve capacity supplier ([REDACTED]) would be able to meet all the water requirements of the Facility throughout the year without needing to draw on the other contingent water suppliers. The quality of the water available from [REDACTED] is municipal drinking water. [REDACTED] water treatment plant has a reported capacity of over 26 Million Gallons per Day (“MGD”), and has ample available capacity to meet CREC’s needs.

CREC has also secured a commitment from the Narragansett Indian Tribe (“the Tribe”) to supply process makeup water to the Facility as an additional back-up or contingent water supply. See **Appendix I** (Confidential/Redacted). The Tribe has sovereign control over approximately 1,942 acres known as the Tribe’s “Tribal Lands.” The Tribe has developed, owns and operates its own wells to meet its public supply requirements. The Tribal wells obtain water from the aquifer within the southern portion of the Lower Wood Aquifer, located within the Pawcatuck Basin.¹ The Tribe has agreed to supply water, as a contingent water supplier. CREC has sampled the water chemistry and believes that it will meet the water quality requirements of the Facility and that the Tribal well water system capacity has the ability to also fully meet the water supply requirements of the Facility. The water from the Tribe will also be delivered to CREC by Benn Water under the terms of the Benn Water Transport Agreement.

Figure 2.4 (Confidential) provides a map of the proposed routes of the water delivery trucks from Benn Water’s municipal water supply sources listed in the Benn Water Transport Agreement to the Facility, as well as the proposed route of the water delivery trucks from the Tribe to the Facility. Similar to the truck route from the Town of Johnston to the Facility, the water delivery trucks will use state roads to make deliveries to the Facility.

For all redundant/contingent water supplies, CREC intends to utilize the same expected water treatment plan, as outlined in Section 2.2.1 and Appendix A of the January 11, 2017 Water Supply Plan.

¹ See Gonthier, Johnston and Malmberg (USGS), 1974, Availability of Groundwater in the Lower Pawcatuck River Basin, Rhode Island, Water Supply Paper 2033; Todd-Trench, E.C. (USGS), 1991, Ground-Water Resources of Rhode Island, Open-File Report 91-199; Wild and Nimiroski (USGS), 2004, Estimated Water Use and Availability in the Pawcatuck Basin, Southern Rhode Island and Southeastern Connecticut, 1995-1999, Scientific Investigations Report 2004-5020.

TABLE 2.6
(REDACTED)

FIGURE 2.4

(REDACTED)

APPENDIX H

(REDACTED)

APPENDIX I

(REDACTED)