



3/16/15

Testimony of Wheelabrator Technologies, Inc. regarding HB 6022 and HB 6532, both relating to Thermal Energy Transportation Companies in the City of Bridgeport

Energy and Technology Committee Public Hearing

Chairmen Doyle, Reed and distinguished members of the Energy and Technology Committee,

Wheelabrator Technologies Inc., operator of two Energy-from-Waste facilities in the state of Connecticut supports NuPower Thermal LLC's, request to expeditiously obtain Tier 1 Renewable Energy status for its initiative, as part of the City of Bridgeport's Sustainability Implementation Program, to use waste heat from existing power plants to provide low temperature heat and chilled water to a downtown Bridgeport thermal loop. The project's concept is to capture low grade waste heat that would otherwise be released into the atmosphere from various sources including power generation, energy-from-waste, natural gas boilers and fuel cells. The project will circulate this low grade heat by using water via a closed loop system to multiple commercial and residential customers in Bridgeport.

In order to advance the development of this project, we respectively request the Energy Committee consider restoring the original language of HB 6022 and HB 6532, both of which deem the Bridgeport Thermal Energy District as a Class 1 Renewable Energy Source. The current draft(s) require the Public Utilities Regulatory Authority (PURA) to create a docket or study on the matter, and we encourage you to consider the original language to support these efforts and ensure the Bridgeport Thermal Energy District receives Class 1 Renewable Energy Credits for energy produced.

In addition to enhancing the reduction of greenhouse gases by using waste heat that would otherwise be vented into the atmosphere, the economic benefits of this project to the City are substantial. NuPower estimates that more than \$50 million in direct economic benefit will be generated during construction as well as 20 full-time jobs created. The reduction in energy costs for district customers may also serve as a catalyst for economic growth.

We ask for your support of the HB 6022 and HB 6532 as originally proposed, and look forward to being a part of the City of Bridgeport's efforts to increase energy efficiency, reduce greenhouse gases and bring economic growth the area.

About Wheelabrator Technologies

Wheelabrator Technologies, Inc. has a platform of 15 energy-from-waste facilities, four independent power-producing facilities, four ash monofills and three waste transfer stations. Wheelabrator has an annual waste processing capacity of over 7.4 million tons, and a total combined electric generating capacity of 768 megawatts — enough energy to power more than 645,000 homes. Wheelabrator facilities also recover metals from ash for recycling into commercial products.

Wheelabrator's Bridgeport waste-to-energy facility provides dependable, environmentally safe disposal of post-recycled household and business waste for more than two dozen towns and cities in the Greater Bridgeport area, while generating clean, renewable electricity for sale to the local utility. Designed, constructed, and operated by Wheelabrator, the facility processes up to 2,250 tons per day of municipal solid waste. Wheelabrator Bridgeport has an electric generating capacity of 67,000 kilowatts; the equivalent of supplying the electrical needs of 60,000 Connecticut homes. As long time member and the largest taxpayer to the city, Wheelabrator Bridgeport has a vested interest in the community. The facility is currently working collaboratively with the city as a member of The City of Bridgeport Sustainability Implementation Program to identify scenarios where the waste-to-energy facility can help support their sustainability initiatives.

Wheelabrator's Lisbon waste-to-energy facility serves unincorporated and incorporated towns and cities in eastern Connecticut, while generating clean, renewable electricity for sale to the local utility. Designed, built, and operated by Wheelabrator, the Lisbon facility processes up to 500 tons per day of municipal solid waste and has an electric generating capacity of 15,000 kilowatts; the equivalent of supplying the electrical needs of 13,000 Connecticut homes. For more information, visit www.wtienergy.com.