

New Britain | Bloom Energy

Site

New Britain, CT

Region

ISO-NE

Industry

Utility

Objective

Bloom Energy partnered with Generate Capital to supply clean, CT RPS-eligible, strategically located power to Eversource and United Illuminating using Bloom Energy fuel cells.

Bloom Installation

20 MW Primary Power solution



Key Values

Clean Energy: The Bloom Energy Server® generates combustion-free, CT Class I REC electricity with negligible NOx, SOx, and particulate matter. This project advances the State's Renewable Portfolio Standard by incorporating fuel cells, recognized as a low-emission Class I renewable energy source [1].

Predictable Costs: The power purchase agreement (PPA) with Bloom Energy ensures Eversource and United Illuminating receive the lowest-cost RPS-eligible high-efficiency electricity. The project is located in a strategic location on Eversource's distribution system.

Seamless Integration: Bloom provides reliable, always-on power with the software, controls, and safety features required by the utility market for ease of implementation.

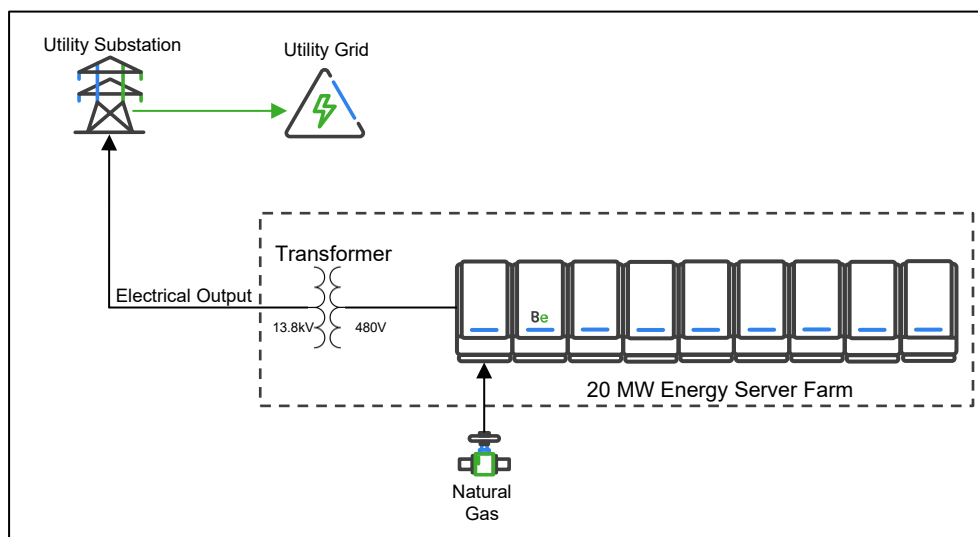
[1] [pe1564-sr-draft_rev_4_a.pdf](#)

Producing Clean Energy for Utilities

Bloom Energy partnered with Generate Capital to deliver 20 MW of power to Eversource and United Illuminating, two local electric distribution utilities in Connecticut. Bloom Energy has been providing clean, reliable power to Eversource and United Illuminating (UI), supplying 80% of the fuel cell power output to Eversource and 20% to UI. Operating seamlessly alongside existing utility infrastructure, the fuel cells have boosted dispatchable capacity, supporting local grid power.

This project leverages Bloom Energy's fuel cells, which generate electricity through a non-combustion, electrochemical process; thus, eliminating harmful criteria pollutants like NOx, SOx, and CO. This initiative marks the first of three planned phases, capitalizing on Bloom's modular architecture to enable scalable capacity expansion as utility demand grows.

Today, utility companies face increasing pressure to reduce emissions while ensuring reliable, fast power for their customers. Bloom's modular design allows for rapid deployment and minimal land use, providing utilities with a future-proof energy solution tailored to the evolving needs of grid infrastructure. Bloom Energy's fuel cells, in partnership with Generate Capital, provide a pathway to clean power for the grid without sacrificing performance or reliability.



Contact Bloom Energy:

Utilities interested in low-cost, reliable energy capacity to enhance their clean energy portfolio are encouraged to explore how this proven technology can be customized to meet their power constraints and sustainability goals, setting the stage for a cleaner, more resilient energy future.



[Reach our experts](#)



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