

Donovan Bennett

As a STACK employee, I am writing to express my support for Project Jupiter.

As a seasoned construction professional who has built nearly every type of power generation facility on the market including HRSG, cogeneration, simple-cycle, nuclear, and geothermal plants I believe the proposed Bloom Energy technology represents one of the most environmentally responsible power generation solutions currently available.

Based on the information available for review, the only significant byproduct of the Bloom power generation process appears to be water. While the initial startup requires a substantial volume of water, once the system is operational it functions / operates through a closed-loop cooling system that continuously recirculates the cooling water. As a result, the long-term water makeup requirement is minimal. In comparison, the anticipated water demand is estimated to be approximately

From an environmental stewardship perspective, particularly regarding water conservation and air quality, Project Jupiter using Bloom Energy offers significant advantages over traditional fossil-fuel-based generation. The combination of dramatically reduced water consumption and minimal emissions presents a compelling solution for communities concerned with environmental impact.

From an operational standpoint, there is every reason to believe the Bloom Energy system is capable of providing more than enough electrical capacity to support the anticipated facility load, while also offering the scalability and reliability necessary for mission-critical applications such as data centers.

Beyond the environmental benefits, the economic impact to the surrounding communities could be equally significant. The construction, commissioning, operation, and long-term maintenance of these facilities create high-paying, skilled employment opportunities that inject taxable wages directly into the local economy. Those dollars circulate through local businesses, supporting housing, retail, restaurants, hospitality, transportation, and professional services.

As these supporting industries expand, they attract additional businesses, investment, and population growth, creating a positive economic multiplier effect. This not only strengthens the local economy but also broadens the municipal tax base, providing additional revenue for infrastructure improvements, schools, emergency services, and other public investments that benefit the community as a whole.

Having spent my career constructing nearly every major form of utility-scale power generation, I view this technology as a significant step forward in balancing environmental responsibility with operational performance. Project Jupiter, with Bloom Energy appears to offer a rare combination of clean, reliable, and efficient power generation while delivering meaningful long-term economic benefits to the communities in which these facilities are developed. Based on the information currently available, it represents a practical and forward-thinking alternative to conventional power generation technologies.

Best Regards,

Donovan Bennett
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