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DBG Energy to Develop Industrial-Scale Biochar Facility in Belize River Valley, Adding 42,250 tCO₂e of Annual Verified Carbon Removal Capacity

Integrated project combines stable biochar sales to local agriculture with high-margin durable carbon credits; first-mover position in Belize with a modular, scalable design.

BELIZE CITY, Belize — 7 July 2026 — DBG Energy announced the development of a continuous pyrolysis biochar production facility in Belize's River Valley corridor. The project will deliver approximately 16,000 tons of biochar annually for agricultural use alongside 42,250 tCO₂e of verified durable carbon removal credits, addressing both local soil amendment demand and the global shortfall in high-integrity, long-duration carbon removal supply.

The facility is engineered as permanent carbon infrastructure rather than a speculative offset play. It will source roughly 70,000 tons of biomass per year through a vertically integrated strategy that combines cultivation of *Arundo donax* (ADX) with the removal of invasive species. This approach provides reliable, low-cost feedstock while generating ecological co-benefits and strengthening additionality narratives for carbon registries. Production will use a best-in-class continuous pyrolysis platform with fully integrated drying and waste-energy recovery systems, designed from the ground up for Measurement, Reporting, and Verification (MRV) compliance. The Belize River Valley Biochar Facility (Puro Facility ID 714707) intends to pursue certification under Puro's Biochar Methodology and utilize the Puro Standard as the framework for carbon removal credit generation.

"Biochar is recognized as one of the most credible and scalable durable carbon removal pathways available today. Our Belize River Valley project is structured for bankability and commercial resilience, with stable revenue from local agricultural biochar sales underpinning operations, while verified carbon credits serve as the primary value driver and margin upside. We are building a replicable platform, not a single asset."

— Joseph Ramirez, Managing Director, DBG Energy

The approximately US\$20 million project follows a disciplined debt-equity structure with projected strong coverage metrics, including an attractive debt service coverage ratio. Development milestones in 2026 include site control, financing, methodology selection, and the establishment of regulatory and MRV frameworks. Construction and initial production are targeted for 2027, with full operations and modular expansion opportunities beginning in 2028. Biochar will serve established Belizean agricultural sectors (sugar, citrus, and banana), as well as California agricultural markets. At the same time, carbon credits will target premium global voluntary buyers seeking high-integrity, long-duration removals.

The project's first-mover position in Belize's developing carbon and biochar markets, combined with logistics advantages in the biomass-rich River Valley corridor and a modular, reactor-based design, positions it for efficient scaling and potential regional replication.

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ABOUT DBG ENERGY

DBG Energy develops industrial biochar production facilities and durable carbon removal infrastructure. The company emphasizes vertically integrated feedstock control, proven continuous pyrolysis technology, and dual-revenue models that combine agricultural product sales with verified carbon credit generation in accordance with globally recognized standards. For more information or the full investor presentation, visit www.dbgenergy.com.

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