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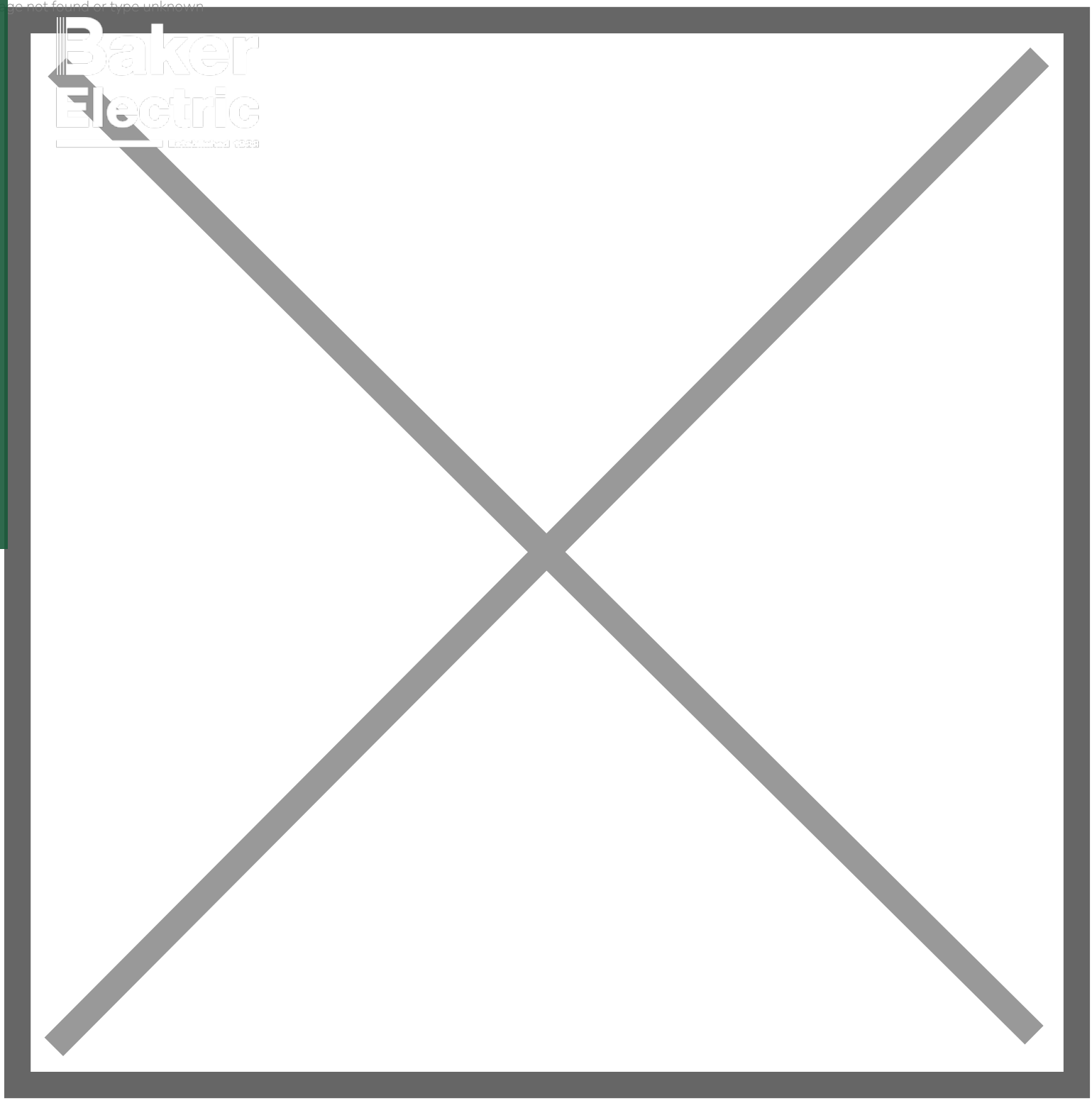


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MIRAMAR PEAKER PLANT

The Miramar Peaker Plant, officially known as the Miramar Energy Facility Unit 2, is a 49.5-megawatt natural gas-fired peaking power plant located at Marine Corps Air Station (MCAS) Miramar in San Diego, California. The facility is centered around a high-efficiency GE LM6000 "New Generation" gas turbine and is designed to provide rapid-response electricity during periods of peak demand or grid instability, both for the base and the surrounding region.

The project includes a 12 kV distribution system interconnected through a 69 kV switchyard, integrating the plant into the local power grid. It serves a critical function within the MCAS Miramar microgrid system, which combines multiple energy sources—including landfill gas, solar power, and advanced energy management systems—to enhance energy resilience, security, and sustainability.

As part of this innovative microgrid, the Miramar Peaker Plant plays a pivotal role in ensuring the base's energy independence. In

Project Specs

Location : San Diego, California

Owner : Narube Corps Air Station

General Contractor : Black & Veatch

Delivery Method : Design-Bid-Build

Project Value : $42.7 Million

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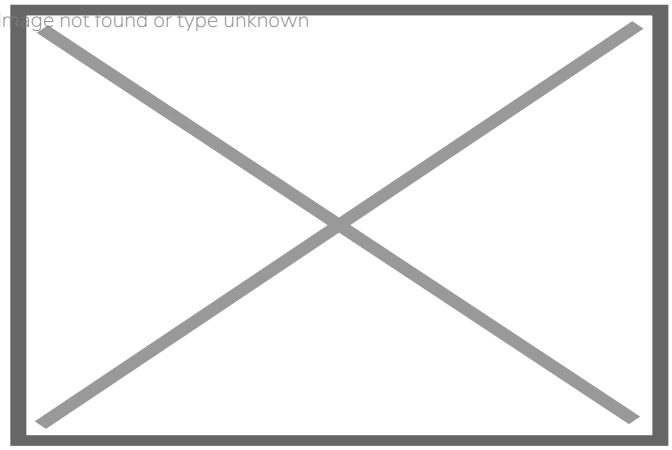


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