

Rialto Bioenergy Facility, Rialto, California



Fact Fact :

Units: (2) x avus 1500c (1500 kWe) & (2) x avus 800c (800kWe)

Generating Capacity: 2300 kWe

Fuel Type: Dual Fuel (Biogas and/or natural gas) with active blending

Unique to Site: Equipped to interconnect multiple units



Rialto Bioenergy Facility is a resource recovery facility designed, built, owned, operated, and financed by Anaergia. The site provides organics diversion and energy generation solutions for the Southern California region mandated by California law SB 1383.

The RBF project harnesses Anaergia's advanced anaerobic digestion technology in combination with 2G's avus CHP system to extract and generate energy from organic material. The 2G CHP system is a force multiplier, powering the renewable natural gas system and improving the environmental and economic benefits of the facility.

The RBF project is designed with four 2G CHP systems: two avus1500c (1500kWe) CHP systems and two avus800c (800kWe) CHP systems for a total of 4.6MW. The avus systems are dual fuel (biogas and/or natural gas) with active blending. They are also equipped to interconnect multiple units, which allows for higher electrical output. A master control system enables synchronization and load sharing for up to five modules.

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