

CASE STUDY



Southern California

Challenge: Customer could not get power from the local utility company in a timely or affordable manner.

Solution: 10 units of PR-5400, 540KW prime rated natural gas generators.



In 2019 Gillette Generators provided 10ea. PR-5400, 540KW prime rated natural gas generators utilizing PSI's proven heavy duty 32 liter engine, Stamford Generator end, Basler HD 2020 Synchronizing controllers, and ABB motorized circuit breakers for a large cannabis customer in Southern California.

The customer could not get power from the local utility company in a timeline or expense that fit their needs. Gillette provided engineering support and sizing services to help the customer with their load profile.

In discussions with the customer, Gillette provided technical expertise and suggested, due to the varied load demands that smaller paralleled power generating systems would be the correct way for the customer to go. The determination was that the customer would have two separate service panels feeding separate parts of their production facility.

Gillette suggested two banks of five units each, supplied plenty of power for their load demands, while giving them redundancy and allowing them to only run what they needed due to the ability of today's digital paralleling systems to react to varied load conditions with little human interaction. Additionally, due to California's very strict emissions requirements, Gillette partnered up with Miratech Corporation, a world class emissions control device manufacturer to supply custom designed and factory installed, heavy duty three-way catalyst systems specific to the PSI 32 liter engine to ensure that the customer would pass

or exceed South Coast Air Quality board's very stringent emissions requirements. Happily the customer was able to pass the air quality management district's permitting process.

Standby or prime systems with multiple generators sets offer a number of advantages that include enhanced reliability and availability, operational flexibility, fuel savings, convenient maintenance scheduling and easier system expansion for growth if needed.

Gillette provided assistance with start-up and synchronization, technical support and training to the customer on operation of the system, basic trouble shooting training to ensure complete customer satisfaction.

Gillette is here to assist with all of the dealer and customer power needs.

This is just another example of Gillette Generator's commitment and dedication to providing the best experience possible to Gillette's valued customers and living by the values, that our customer service satisfaction shall always be deemed a greater value than the price of product.