Gensets for Desert Hot Springs California

350 and 400 kW to Meet California Emissions Requirements

Generac 400 kW MD400 Standby Diesel Generator

- Agriculture / Cannabis
- Desert Hot Springs, CA.
- 350 kW Doosan Genset
- 400 kW Generac Genset
- 2017 and 2019
- California Emissions Tier 3
- Mobile & Stationary Power

CANNDESCENT™
CALIFORNIA

Cannabis growing and harvesting is a highly energy intensive operation. Ventilation, air conditioning, heating and lights all play a crucial role in a successful harvest, and all require significant power. To keep up with an ever-expanding demand, grow operations require constant, uninterrupted, power.

Canndescent is a cutting edge luxurious cannabis brand that grows, packages, and sells directly to customers. In this rapidly growing and highly competitive industry,

> *"Global Power Supply provided fast and excellent service."*
>
> Chad Spooner, Canndescent

the quality of the product is crucial for success.

In late 2016 Canndescent opened the first official medical marijuana cultivation facility in Desert Hot Springs, CA. Keeping uninterrupted power to this state-of-the-art facility would be critical for long the term success of the company. Being notified by the local utility company that there would be periodic outages, the need for a solution to this interruption of power became of upmost importance.

DOOSAN
Portable Power

Doosan G325 Mobile Diesel Generator

Desert Hot Springs, CA

In early 2017 Canndescent submitted a request for quote for a backup generator through the Global Power Supply (GPS) website. A power expert from GPS responded immediately and began discussing options that would work best for this operation.

Adding a standby generator to any type of operation can be a complex and time consuming task, this is especially true in the state of California. Among the many things to consider are, right-sizing, financing, permitting, and EPA

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Top Five Tips in Generator Power for Grow Operations

- ***Fuel Types***

Diesel, natural gas, propane or hybrid. Choice of fuel can be determined by several factors including: local emissions, regulations, distance from fuel source, costs and availability of different fuels, and type of power needed.

- ***Operating Costs***

Depending on fuel type, operational costs will vary greatly. Fuel transportation costs and storage costs also add to the complexity and uniqueness of each site. The decision to either buy or rent equipment and maintenance of equipment are also important to add to the costs.

- ***Sizing/Configuration***

Getting a proper estimation of the load by an electrical contractor, including the critical versus non-critical requirements of the grow operation is a necessity and will have an impact on the fuel choices/cost.

- ***Used versus New***

Used equipment can offer big savings over new, and with high-quality used equipment that has been properly maintained.

- ***Tax Incentives***

Certain jurisdictions are providing tax incentives for grow operations that are accommodating air quality standards and environmentally conscience power.

tier requirements. Global Power Supply's team of experts have a long history of working with customers to successfully complete these complex projects.

In this specific case the need for back up power was urgent. Canndescent had been notified of an upcoming outage and had already started a grow. They could not afford to wait the typical lead time for a new tier compliant standby generator and risk damage to the crop in production. This issue was resolved because GPS keeps a variety of tier compliant generators in stock and ready for rapid deployment.
GPS supplied Canndescent with a used, low hour Doosan G325 Mobile Diesel Generator Set and a Hipower Camlock Gutter Panel quick connect box so they would be able connect the generator and provide backup power to the facility. In addition to being California compliant, this mobile generator would allow Canndescent to move the unit to and from the facility, connecting if and when they were notified of an upcoming outage. Working with Canndescent's electrical contractor, GPS was able to test, deliver, and install this unit and quick connect box prior to the upcoming outage.

In 2019 Canndescent reached out to GPS to begin discussions on a permanent standby power solution. Installing a permanent generator can be a significantly more arduous undertaking as opposed to a mobile generator because of the permitting process. Additionally, finding equipment financing can be difficult in the cannabis industry.

Because of GPS's experience in this area, they were able to assist in finding financing solutions for this project. Additionally GPS worked closely with E.C. to come up with a permanent standby power solution. Once again GPS supplied Canndescent with an EPA tier compliant unit from their in-stock inventory. In this case a Generac 400 kW MD400 diesel standby generator. With a permanent standby power solution from GPS, Canndescent has kept it's place in the rapidly growing cannabis industry.