

# Solar® Turbines

A Caterpillar Company

Powering the Future Through Sustainable, Innovative Energy Solutions

## DATA CENTER STANDBY POWER

The world has been relying on Solar Turbines for dependable and clean electric power for decades. Solar® gas turbines have been operating in the world's harshest environments, proving and improving our reliability. So when your system absolutely needs power, switch on Solar Turbines.



### FAST START

The Centaur® 40 will allow customers to go from a cold engine to full load in under 35 seconds and accepts a 100% block load without sacrificing power quality.



### FUEL FLEXIBILITY

A true dual fuel solution – 100% fuel switching on the fly allows for storing liquid on site and operating on natural gas for much lower emissions. The Centaur 40 is also capable of operating on renewable blends and hydrogen to future-proof your power solution today.



### EMISSIONS

Ultra low emissions of 15 PPM NOx will allow more running hours or operation of much larger sites without running into permitting concerns when compared to typical diesel reciprocating engines. Our turbines installed with SoLoNOx™ are operating year round in states with some of the most stringent emissions regulations. Selecting turbines with lower emissions and no special cold-start emission level requirements will assist in the emissions approval process.



### DIGITAL INTEGRATION

Grid failures can happen at the worst times. Predictive analytics ensures maximum turbine availability and up time ensuring electrical power is ready when you need it. InSight Platform™ by Solar Turbines constantly monitors equipment health and notifies your site manager before a minor issue can become a major issue, giving you that peace of mind.



### CUSTOMER SERVICES

Each Centaur 40 generator set is linked directly to our Customer Services Center. Solar monitors equipment health around the clock and can dispatch a service technician in a moment's notice.



### WORLD CLASS AVAILABILITY AND RELIABILITY

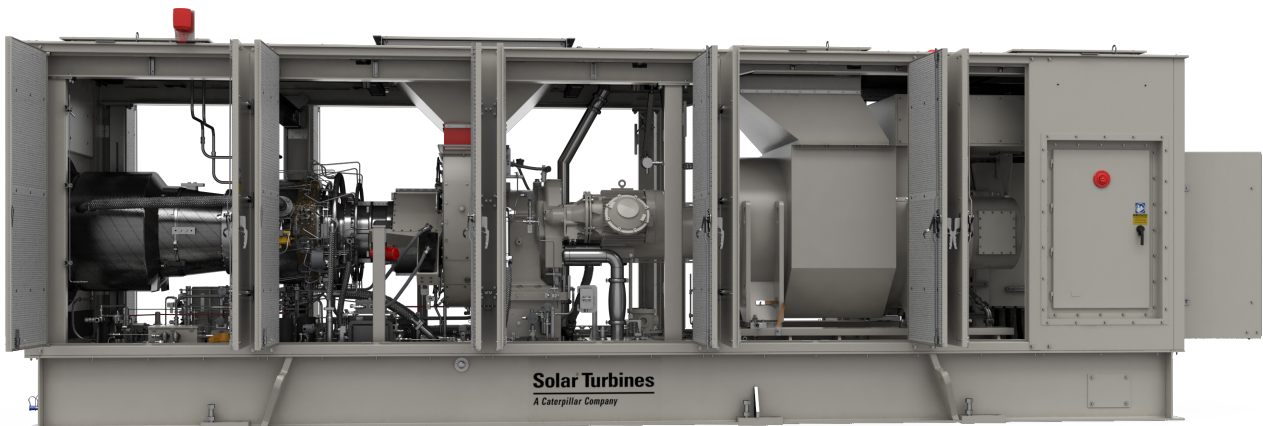
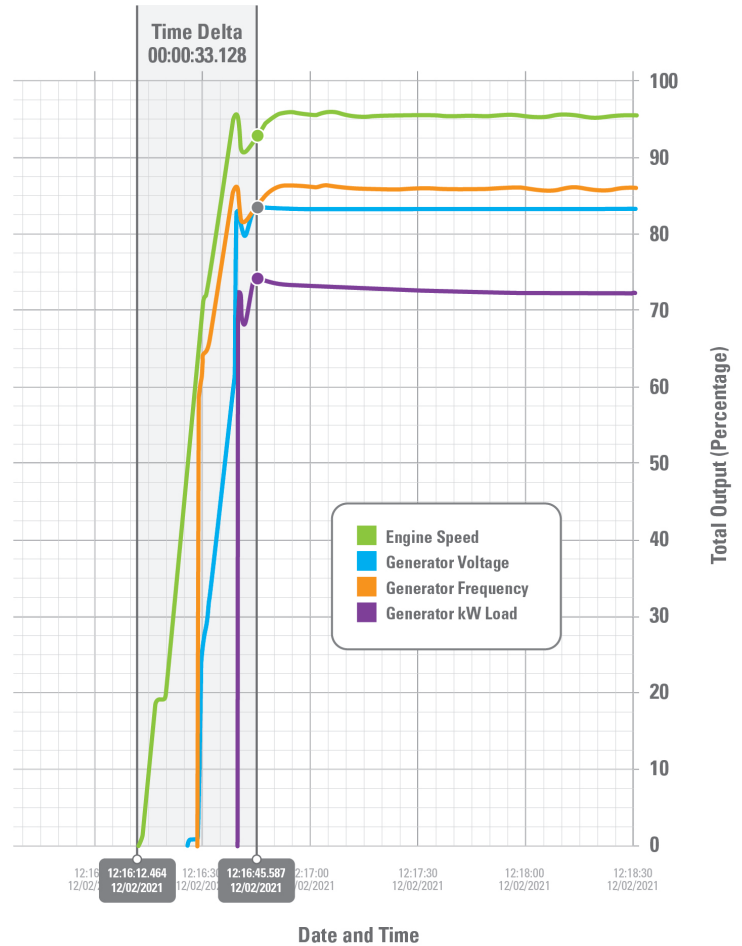
Gas turbines offer significant benefits due to the larger rotating mass, smoother load changes and proven reliability. Our readiness and reliability statistics prove themselves. Solar's dual fuel turbines along with our predictive and remote monitoring software will improve your site's availability and ensure that we will keep your power on.

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3 MEGAWATTS OF  
**ELECTRIC**  
POWER RESTORED  
IN 33.1 SECONDS



## Additional Information

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