



**FLEXENERGY**  
SOLUTIONS

## ON-SITE POWER GENERATION AT PARAMOUNT STUDIOS



### Clean Energy, Cost Savings, and Resiliency with Flex Turbine® Cogeneration.

#### OVERVIEW

Paramount Studios operates one of the busiest production campuses in California, where electricity costs and reliability are critical for uninterrupted operations. By deploying three GT250S and one GT333S turbines, the studio generates over 1 MW on-site, cutting utility purchases. Waste heat also powers an absorption chiller, boosting efficiency. This focus on cost reduction reflects a growing trend across California commercial and industrial facilities adopting on-site generation.

#### THE CHALLENGE

Large production studios require reliable power for lighting, sound stages, production equipment, and cooling infrastructure. Paramount Studios sought an energy solution that could provide reliable on-site power, reduce exposure to grid outages and utility price volatility, and support the facility's high electrical loads.

#### THE SOLUTION

Paramount Studios deployed three GT250S and one GT333S gas turbines in a grid-parallel automatic dual-mode configuration. The system operates alongside the utility grid while producing dependable on-site electricity for studio operations. The system captures waste heat from the turbines and directs it to an absorption chiller to provide cooling for studio operations.

#### CASE STUDY:

##### LOCATION

Hollywood, California

##### SOLUTION

Three GT250S and one GT333S gas turbines

##### CONFIGURATION

Grid-parallel automatic dual-mode

##### APPLICATION

Cogeneration supporting absorption chiller

##### POWER OUTPUT

Over 1 MW of on-site electricity

##### COMMISSION DATE

Q4 2012

*Reliable, Clean, Power On Demand.*

## RESULTS

- **Reliable On-Site Power:** The system provides more than 1 MW of self-generated electricity, supporting production facilities and studio infrastructure.
- **Greater Energy Independence:** On-site generation allows Paramount Studios to reduce reliance on grid electricity and gain greater control over its energy supply.
- **Improved Operational Resilience:** Reliable on-site power helps support critical production schedules where downtime can be extremely costly.
- **Additional Efficiency Through Thermal Recovery:** Recovered turbine heat is used to power an absorption chiller, allowing the studio to capture additional value from the energy system.
- **MyPower+:** Provides 24/7 remote access to the performance of the unit.

## TAKE CONTROL OF YOUR ENERGY

Discover how FlexEnergy Solutions can help your facility generate **reliable, clean, on-demand power**, reduce dependence on the grid, and capture additional value from your energy.

**Contact us today** at (720) 826-0708 or email [sales@flexenergy.com](mailto:sales@flexenergy.com) to explore a customized self-generation solution for your facility.



## \$20,000 PER DAY IN ENERGY COST SAVINGS

*“Paramount Studios’ on-site power generation from FlexEnergy turbines significantly reduces reliance on the utility grid, saving the studio an estimated \$20,000 every single day while supporting reliable operations.”*

- Paramount Studios



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