

## Kongres Container

# New high-power solar power station power generation



## Overview

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The Ivanpah Solar Electric Generating System is a concentrated solar thermal plant located in the Mojave Desert located at the base of Clark Mountain in California, across the state line from Primm, Nevada. It is slated to close in 2026. The plant has a gross capacity of 392 megawatts (MW). It uses 173,500 heliostats, each with two mirrors focusing solar energy on boilers located on thr. DescriptionThe Ivanpah system consists of three on 3,500 acres (1,400 ha) of near the.

The plant burns each morning to commence operation. reported, "Instead of ramping up the plant each day before sunrise by burning one hour's worth of natural gas to generate steam, Ivan.

BrightSource estimated that the Ivanpah facility would provide 1,000 jobs at the peak of construction, 86 permanent jobs, and total economic benefits of \$3 billion. Elected Supervisor Brad Mitzelfelt, w.

Contracted power-delivery performance of 640 GWh/year from Units 1 and 3 and 336 GWh from Unit 2 was met by 2017, following sharply reduced production in the first few years of operation, particularly in the start-u.

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