Third Millennium Global Energy Solutions, LLC



新千纪全球能源优化公司

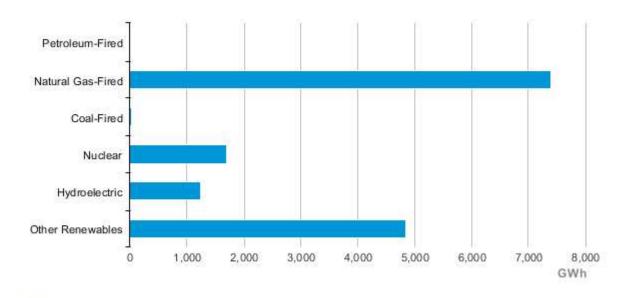
Energy Solutions for the Third Millennium

California - Analysis



With the largest economy in the nation, California runs on energy. It is the most populous state and its total energy demand is second only to Texas. California state policy promotes energy efficiency.

California Net Electricity Generation by Source, May. 2015



eia Source: Energy Information Administration, Electric Power Monthly

Air Pollution





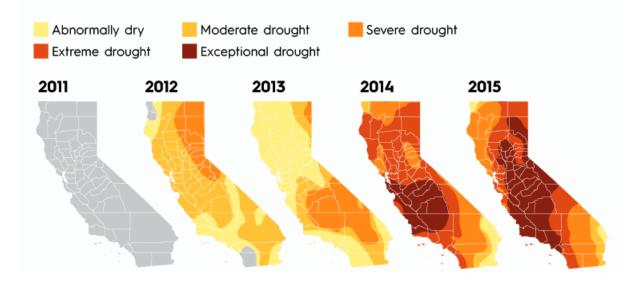
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Water Resources

California is in a record breaking drought condition with minimal resources.

A Record-Breaking Drought

41% of the state is facing "exceptional drought" (the most severe kind).







California's drought, now in its fourth year, has persuaded the state to try what was once unimaginable. To increase its water supply, the state is turning to seawater.

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suffrag-degis technologies to balleter the water supply. That call kunnel this all balls the balls and the sense for end to be the Cardoda Destination Project, Jan Ford & San Degos, the largest destinations for the following the sense of t

The sters impact and cost wit be closery watched. The drought has wreaked havior on the state's enormous agriculture industry. It's expected to cost the state's economy \$2.7 billion this year alone, and it's contibuting to rising food prices nationwide. And the Golden State has 800 miles of coastline—abutting a seemingly endiess supply of potentially potable water. Los Angeles Daily News

Gov. Jerry Brown imposes first ever mandatory water restrictions for California

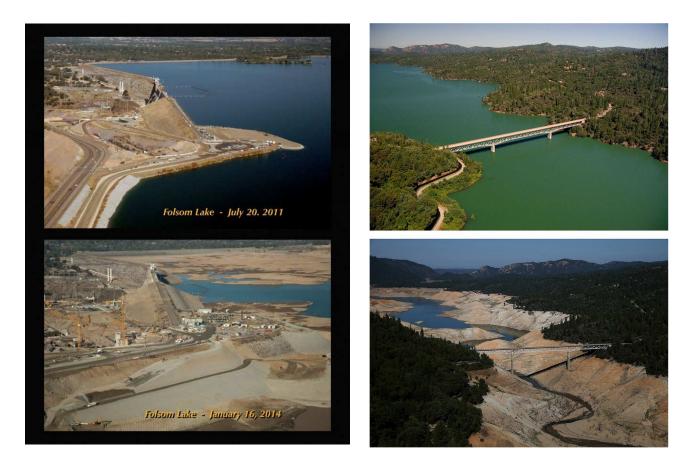


The second secon

"We're in a new era," Brown said. "The idea of your nice little green grass getting water every day, that's going to be a filling of the past." He saked for liered rates, appliance rebates and incentives for removing lawns.

"We're in a historic drought and that demands unprecedented action," Brown said. "We have to pull together and save water in every way we can."

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Summary

California water resources are limited as a result of multi-year drought condition.

Solution

California's requires large quantities of electrical power. **PPG** offers a cost effective solution to replace existing fossil fueled and nuclear generating plants. This would provide clean efficient low cost electric power generation and reduce air pollution.

Water generation provided by PPG plants could supplement current water resources and reduce water shortages. Dedicated PPG plants could be modified for predominately water production.