



Third Millennium Global Energy Solutions, LLC

新千纪全球能源优化公司

Energy Solutions for the Third Millennium

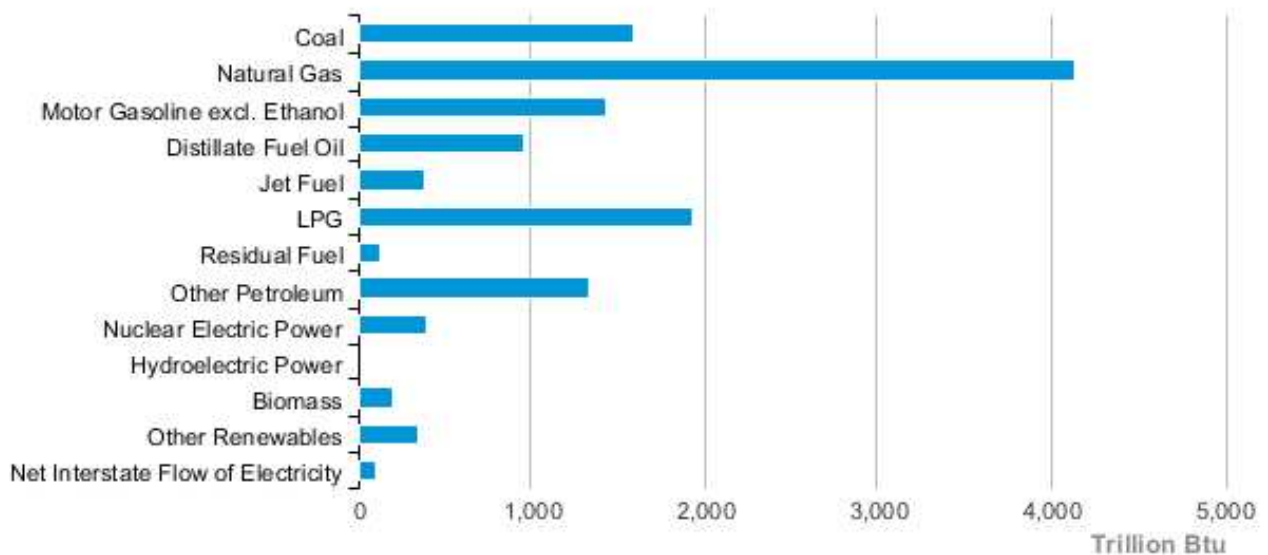
Texas - Analysis



The industrial sector accounts for the largest share of energy use in Texas. The state has many energy-intensive industries, including petroleum refining and chemical manufacturing. The transportation sector accounts for the second-largest share of energy consumption, in part because of the distances traveled across such a big state and because of the large number of registered motor vehicles.

Texas leads the nation in wind-powered generation, with more than one-fifth of the U.S. total. However Texas continues to use some coal burning power plants to produce the electricity required.

Texas Energy Consumption Estimates, 2013



Source: Energy Information Administration, State Energy Data System

9/11/2015

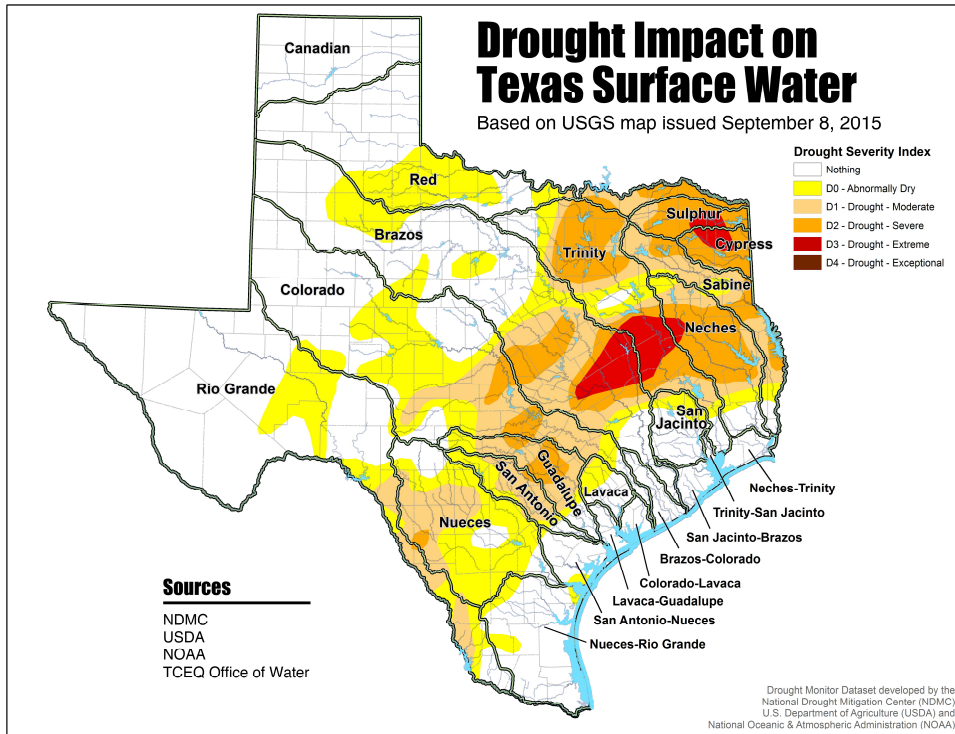
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Water Resources

Texas still is in a drought condition with stretched resources.



Lake Arrowhead Wichita Falls Texas

9/11/2015

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Summary

Texas maintains a heavy reliance on fossil fuel based energy production. Water resources are limited as a result of multi-year drought condition.

Solution

Texas's extensive industrial base requires large quantities of electrical power. **PPG** offers a cost effective solution to replace existing generating plants. An estimated 17,367MW of electrical power capacity is currently produced by coal burning plants in Texas. 88 PPG plants could effectively replace the present coal fired power plants in Texas. This would provide clean efficient low cost electric power generation reducing coal dependence.

Water generation provided by PPG plants could supplement current water resources and reduce water shortages in the agricultural sector.