







Why Is There This Interest in Renewables

Fukushima Dai-ichi Nuclear Power Plant, Japan



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Take the average amount of water flowing over Niagara Falls in a minute. Now triple it. That's *almost* how much water power plants in the United States take in for cooling each minute, on average.



Source: Union of Concerned Scientists, Nov 2011 8/12/14 (c) Saifur Rahman

























Wildorado Wind Ranch-Siemens



LOCATION: Wildorado, TX 25 miles west of Amarillo in Oldham, Potter and Randall Counties

SIZE: 161 MW

COMMERCIAL OPERATIONS DATE: April 2007

UTILITY: Xcel Energy (Southwestern Public Service Company)

TURBINE EQUIPMENT: 70 Siemens 2.3 MW Mk II

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