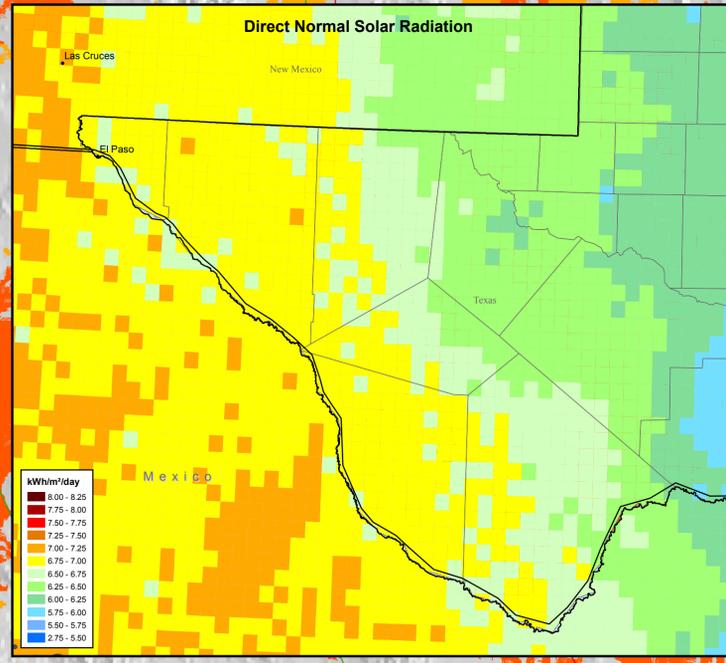
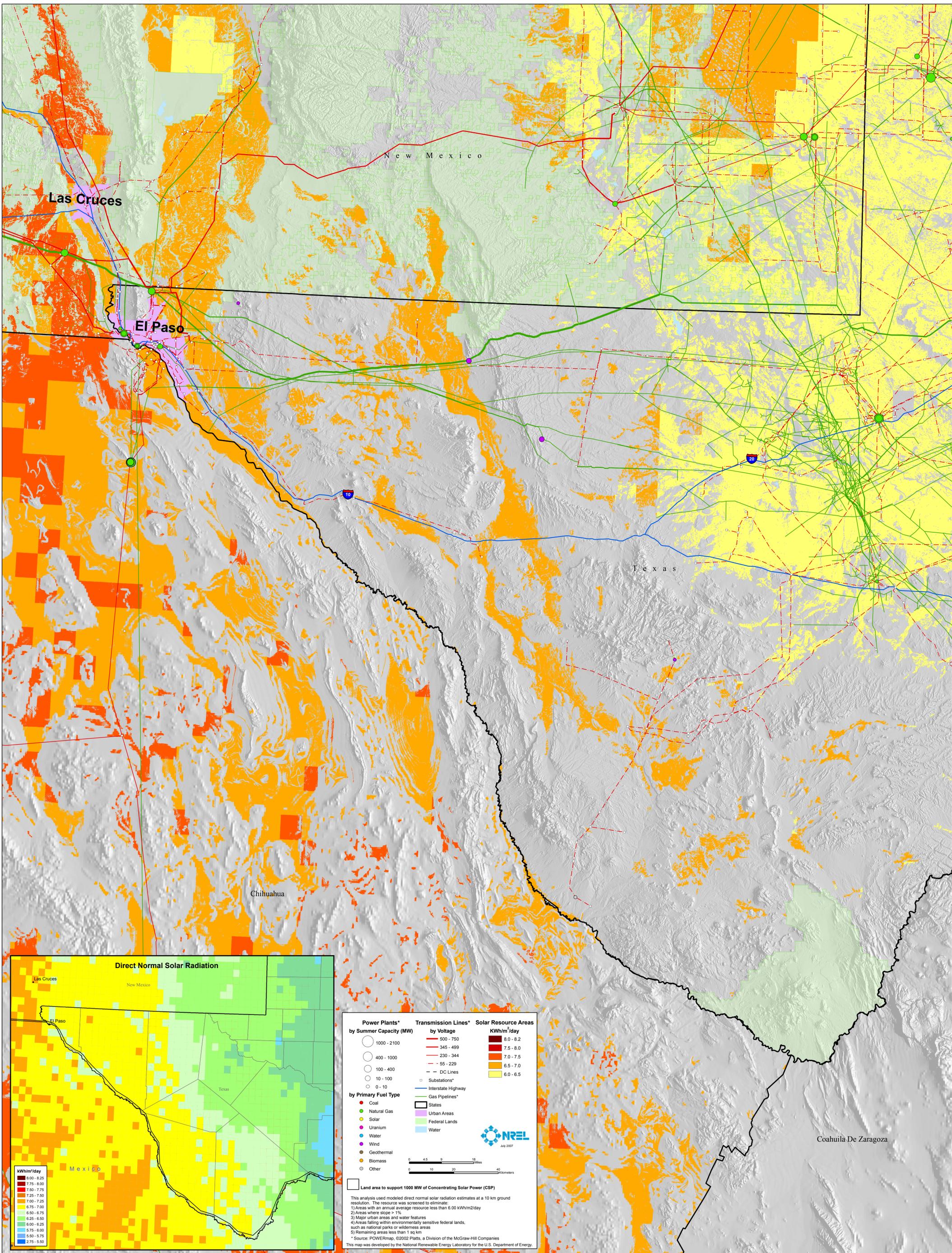


Concentrating Solar Power Prospects of Texas



Power Plants* by Summer Capacity (MW) 1000 - 2100 400 - 1000 100 - 400 10 - 100 0 - 10	Transmission Lines* by Voltage 500 - 750 345 - 499 230 - 344 65 - 229 DC Lines Substations* Interstate Highway Gas Pipelines*	Solar Resource Areas kWh/m²/day 8.0 - 8.2 7.5 - 8.0 7.0 - 7.5 6.5 - 7.0 6.0 - 6.5
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by Primary Fuel Type
 Coal
 Natural Gas
 Solar
 Uranium
 Water
 Wind
 Geothermal
 Biomass
 Other

Land area to support 1000 MW of Concentrating Solar Power (CSP)
 States
 Urban Areas
 Federal Lands
 Water

0 4.5 9 18 Miles
 0 10 20 40 Kilometers

NREL July 2007

* Source: POWERmap, ©2002 Platts, a Division of the McGraw-Hill Companies
 This map was developed by the National Renewable Energy Laboratory for the U.S. Department of Energy.

This analysis used modeled direct normal solar radiation estimates at a 10 km ground resolution. The resource was screened to eliminate:
 1) Areas with an annual average resource less than 6.00 kWh/m²/day
 2) Areas where slope > 1%
 3) Major urban areas and water features
 4) Areas falling within environmentally sensitive federal lands, such as national parks or wilderness areas
 5) Remaining areas less than 1 sq km