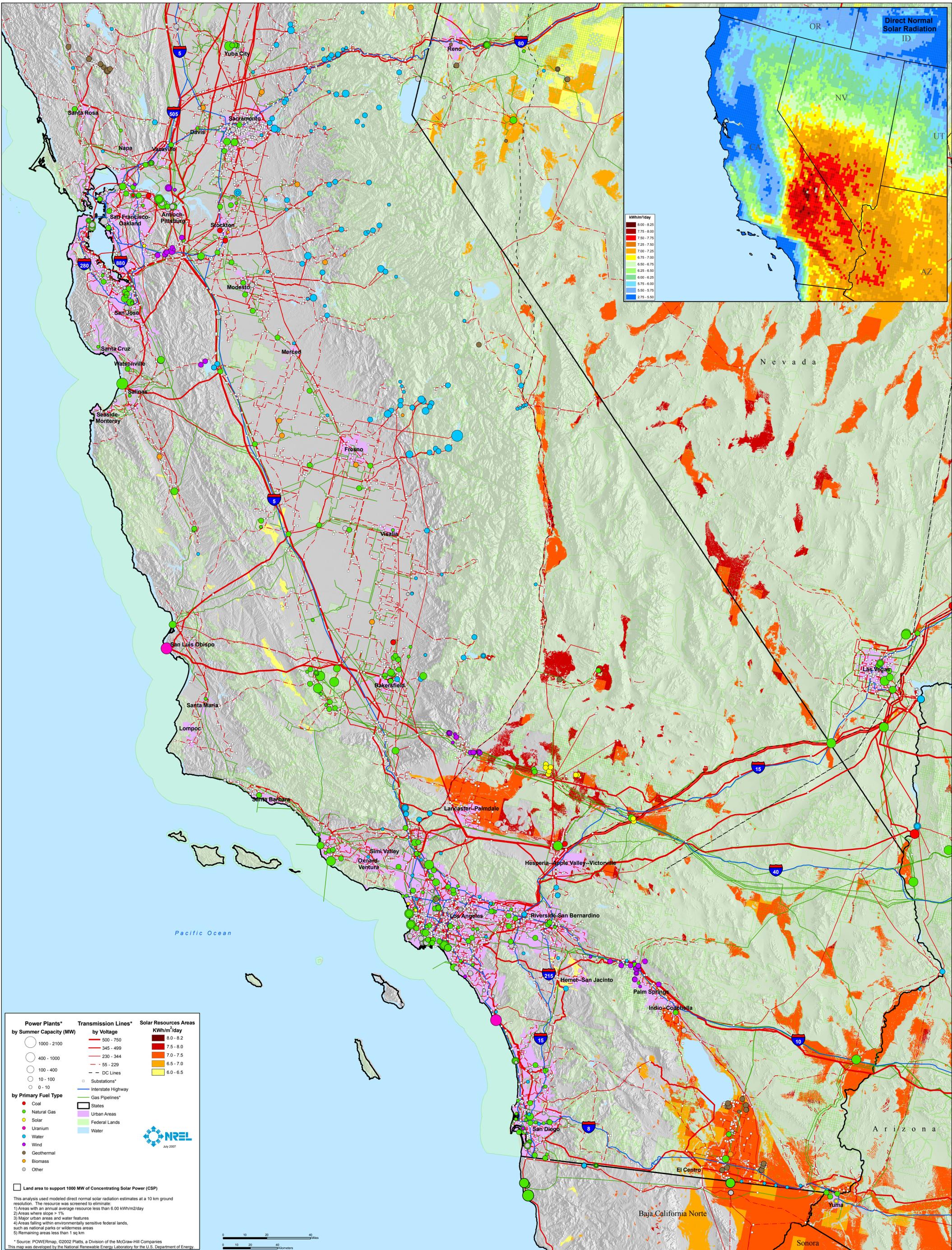


Concentrating Solar Power Prospects of California



Power Plants* by Summer Capacity (MW)

- 1000 - 2100
- 400 - 1000
- 100 - 400
- 0 - 100
- 0 - 10

Transmission Lines* by Voltage

- 500 - 750
- 345 - 499
- 230 - 344
- 55 - 229
- DC Lines

Solar Resources Areas kWh/m²/day

- 8.0 - 8.2
- 7.5 - 8.0
- 7.0 - 7.5
- 6.5 - 7.0
- 6.0 - 6.5

by Primary Fuel Type

- Coal
- Natural Gas
- Solar
- Uranium
- Water
- Wind
- Geothermal
- Biomass
- Other

Other Features

- Substations*
- Interstate Highway
- Gas Pipelines*
- States
- Urban Areas
- Federal Lands
- Water

Land area to support 1000 MW of Concentrating Solar Power (CSP)

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

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

