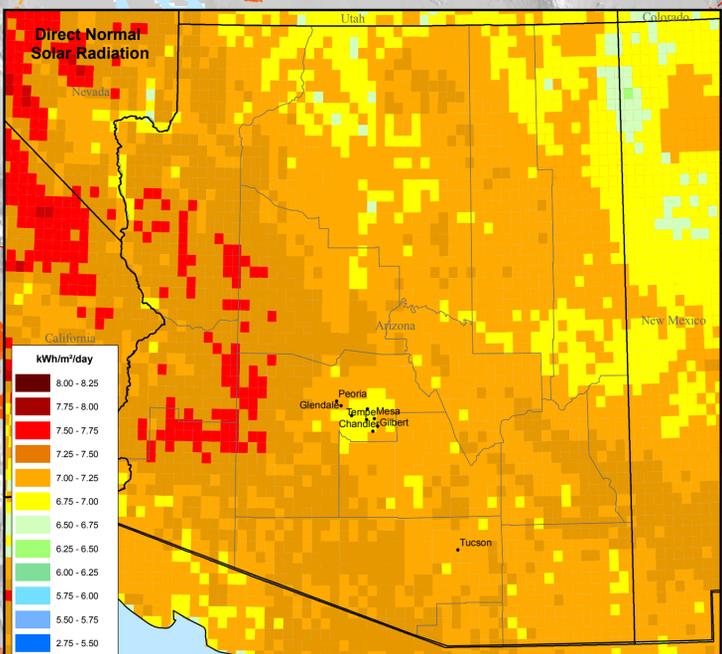
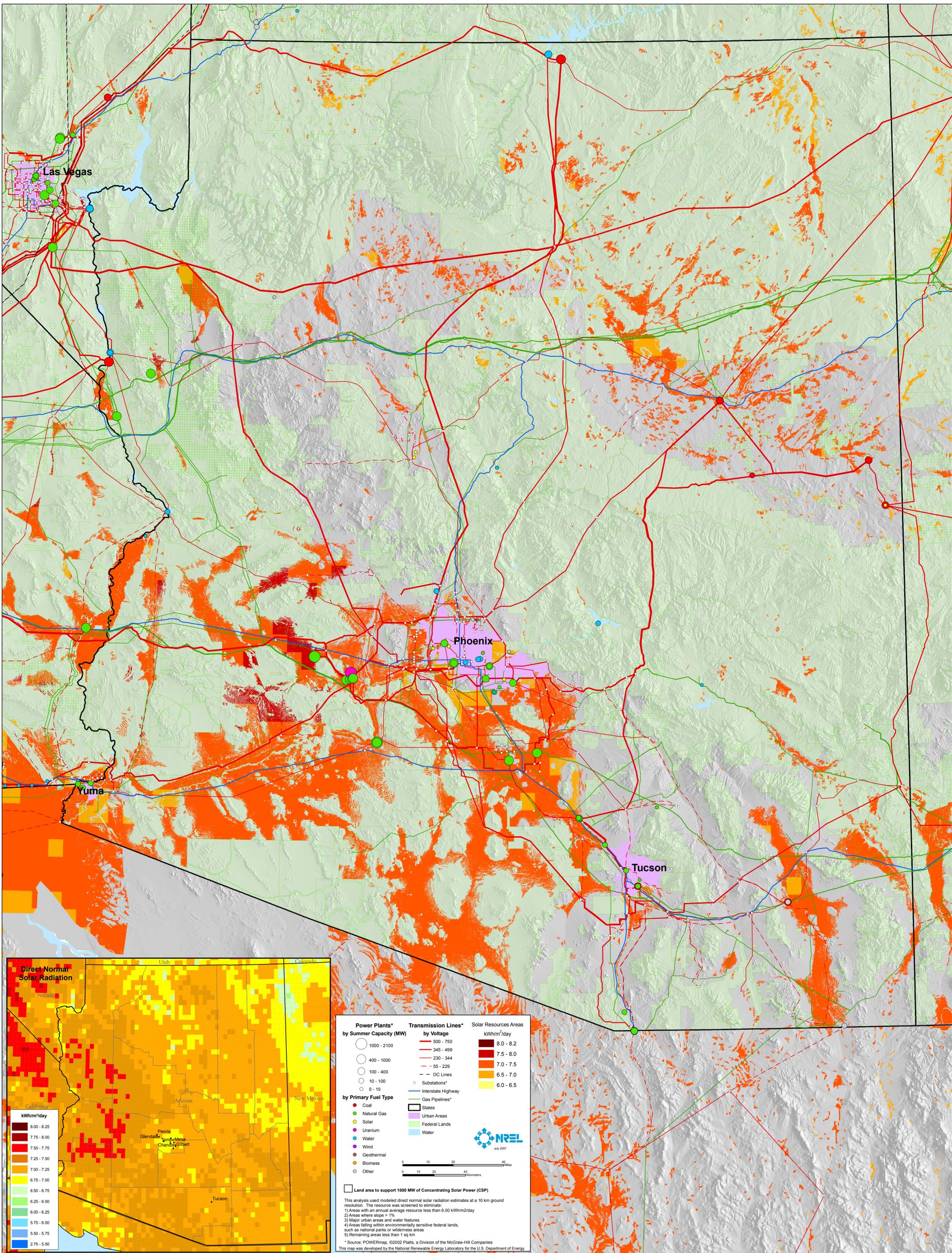


Concentrating Solar Power Prospects of Arizona



Power Plants* by Summer Capacity (MW)	Transmission Lines* by Voltage	Solar Resources Areas kWh/m ² /day
1000 - 2100	500 - 750	8.0 - 8.2
400 - 1000	345 - 499	7.5 - 8.0
100 - 400	230 - 344	7.0 - 7.5
10 - 100	55 - 229	6.5 - 7.0
0 - 10	DC Lines	6.0 - 6.5
	Substations*	
	Interstate Highway	
	Gas Pipelines*	

by Primary Fuel Type	Land Use
Coal	States
Natural Gas	Urban Areas
Solar	Federal Lands
Uranium	Water
Wind	
Geothermal	
Biomass	
Other	

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 Pilatts, a Division of the McGraw-Hill Companies
 This map was developed by the National Renewable Energy Laboratory for the U.S. Department of Energy.

