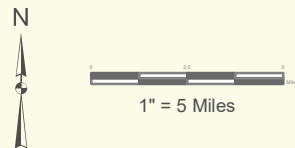


# Potential Renewable Energy Resources

## Solar Suitability

Solar Suitability (a.k.a. Cloud Cover) Potential based on:  
fraction of days with cloud cover at 10:30 am,  
from July 8 - September 20, 2000 - 2006.



Author: Permit Sonoma GIS  
File: Ground-Mounted Commercial Solar Facility Preferred Area  
Date: May 19, 2019



## Legend

### Renewable Energy Data

- Operational Power Plants - Hydroelectric
- Operational Power Plants - Geothermal
- Substations
- Known Geothermal Area
- Transmission Lines
- SR Scenic Resource
- BH Biotic Habitat [Proposed]

### Solar Suitability

- Best Suitability
- Varied Suitability
- Limited Suitability

### Base Map Data

- Williamson Act
- City Limit
- Lake Sonoma
- US Federal Highway
- State Highway
- Main Arterials

### Commercial Solar Permits

- Proposed - Ground-Mounted Commercial Solar Facility
- Approved - Ground-Mounted Commercial Solar Facility

### Ground-Mounted Commercial Solar Facility Preferred Area

- 3.5 Miles from Transmission Lines within Cloverdale & Petaluma Planning Areas

Solar Suitability GIS Data Source: obtained from the Conservation Lands Network dataset. The original raster image Cloud Cover came from Park Williams and Chris Still, UCSB, personal communication. The dataset was developed/compiled for use in the San Francisco Bay Area Upland Habitat Goals Project and contributed to the development of the Conservation Lands Network.

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Permit and Resource Management Department

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