# EPA Tracked Sites in Missouri with Photovoltaic (PV) Policy Driven Solar Energy Generation Potential

**Solar Resource**

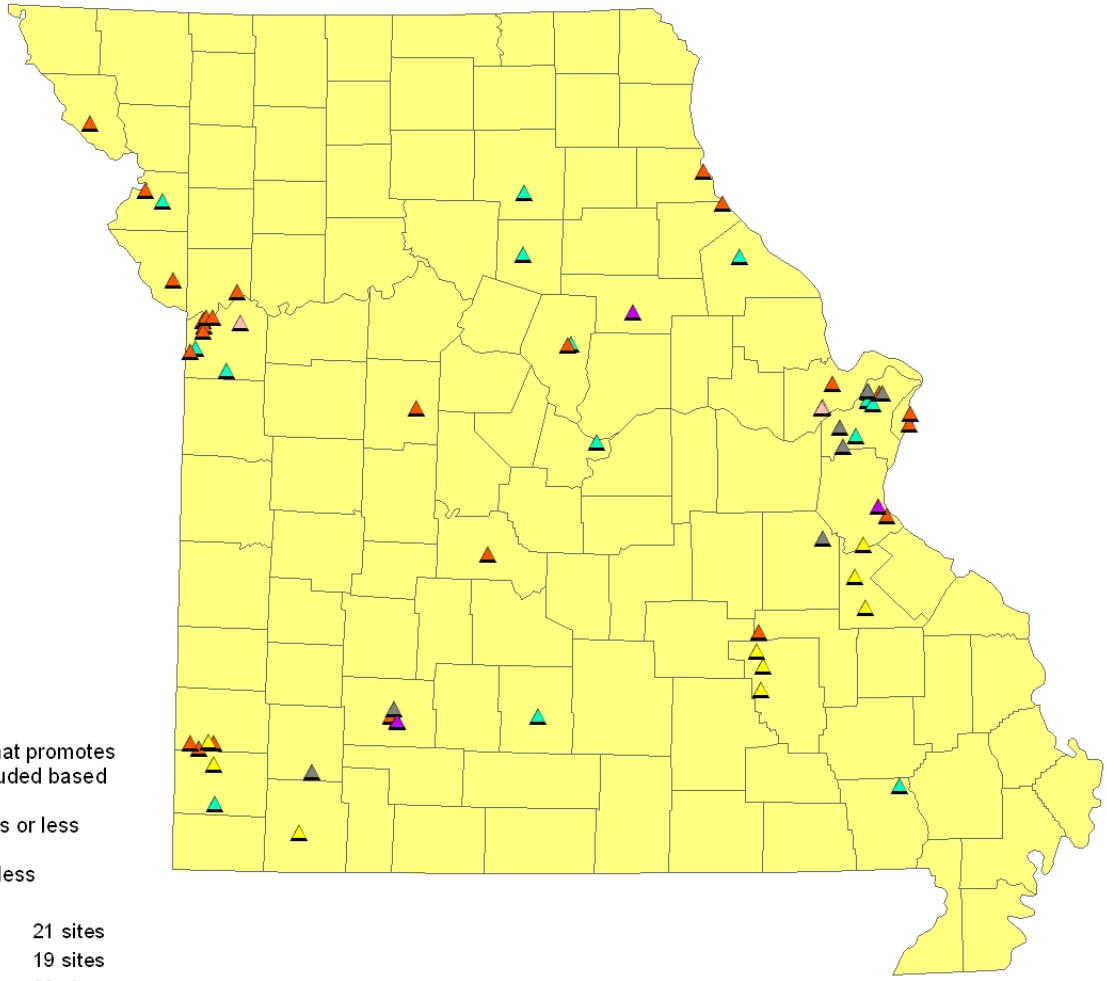
| kWh/m2/day | Resource Potential |
|---|---|
| < 3.5 | |
| > 3.5 - 4 | Moderate |
| > 4 - 5 | Good |
| > 5 - 6 | Very Good |
| > 6 | Excellent |

**EPA Tracked Sites**

- **Abandoned Mine Land**
- **Brownfield**
- **RCRA**
- **Federal Superfund**
- **Non-Federal Superfund**
- **Landfill**

**PV Type**

- ▲ **PV Policy Driven Only**



**Site Characteristics**

Resource availability:

- PV policy driven: State has a RPS that promotes solar development; no sites are excluded based on resource availability

Distance to transmission lines of 10 miles or less
Property size of 40 acres or more
Distance to graded roads of 25 miles or less

Number of sites

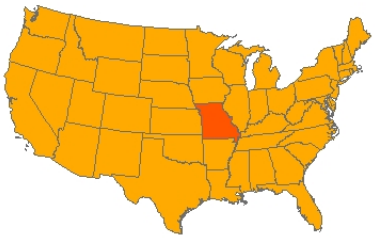
| | |
|---|---|
| 40 to 100 acres: | 21 sites |
| 100 to 200 acres: | 19 sites |
| Greater than 200 acres: | 23 sites |
| Total: | 63 sites; 583,808 acres |

**Quick Facts on State Solar Energy Policy as of December 2009**

A state renewable portfolio standard (RPS) that includes a solar set-aside requires a percentage of the state's electricity be generated from solar resources. An RPS can also include a solar multiplier that gives additional credit in meeting the RPS for solar projects or require an increase in distributed generation (i.e., electricity generation close to the point of use), which can spur solar development. Policy driven demand for electricity generated from solar resources may increase the viability of PV solar generation at a site that would otherwise not be considered viable based on solar resource availability.

| | |
|---|---|
| RPS Requirement | 15% by 2021 |
| Solar Set-Aside Requirement | 0.3% by 2021 |
| Solar Multiplier | N/A |
| Distributed Generation Requirement | N/A |
| Installed PV Solar Capacity (2008) | N/A |
| Average Solar Renewable Energy Credit (1 MWh) | Not readily available |
| Average Electricity Tariff for 2007 (1 kWh) | $0.0656 |

To partially meet its RPS requirement, MO can purchase solar renewable energy credits from entire states or a portion of states as shown in the map below.



Missouri  Entire State

*This map was developed by SRA International for the U.S. Environmental Protection Agency (EPA) OSWER Center for Program Analysis. Results are based on site screening criteria adapted from National Renewable Energy Laboratory (NREL) criteria, GIS data provided by NREL and EPA and policy data provided by the Database of State Incentives for Renewables & Efficiency (DSIRE). This map and its associated data are intended to provide a general understanding of the renewable energy potential of EPA tracked sites;* ***additional site-specific technical and economic analysis is required to determine the actual energy generation potential of these sites****. For further information, please see the accompanying Data Guidelines document at www.epa.gov/renewableenergyland or contact cleanenergy@epa.gov.*

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