



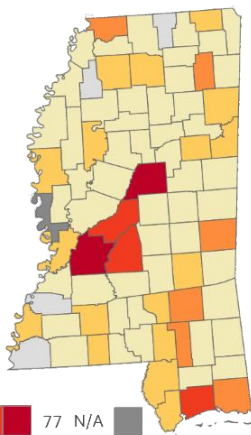
KANSAS CITY, MO

SOLSMART COMMUNITY PROFILE

A community's processes and programs can make or break the solar value proposition for its residents and businesses. At a community's request, SolSmart supports officials in building capacity through a suite of voluntary actions that can support market growth. SolSmart empowers communities to become designated at the Bronze, Silver, or Gold level via no-cost technical assistance based on best management practices in areas identified as community priorities. This community profile highlights several important solar-relevant metrics and opportunities for solar market growth.

SOLAR MARKET

MISSOURI HAS 1,854 SOLAR WORKERS



SOLAR JOBS BY METRO AREA



St. Louis, MO-IL	782
Kansas City, MO-KS	351
Columbia, MO	49

SOLAR INDUSTRY



114
SOLAR COMPANIES
IN MISSOURI

16
SOLAR COMPANIES
IN KANSAS CITY

In 2015, Missouri ranked

- 28 in the nation in solar jobs, behind New Mexico and ahead of South Carolina; and
- 31 in solar jobs per capita, behind Indiana and ahead of Kentucky.

In 2015, there were over 208,000 American solar workers, a growth of more than 20% each year for the third year in a row.

MARKET POTENTIAL

ECONOMICS OF 200 SYSTEMS



\$3,164
ECONOMIC OUTPUT



29
TOTAL JOBS

IMPROVING PROJECT FINANCIALS



\$6,254
MORE SAVINGS



8.0
YEARS
FASTER PAYBACK

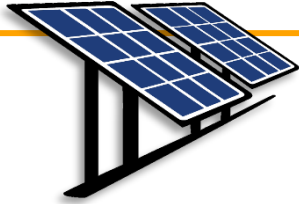
Creating a solar-friendly environment can contribute to local economic development and job creation for Kansas City's residents. The TABLE ABOVE shows the projected economic development and job creation potential generated by about 200 typical residential systems of 5 kW each.

As a part of the Department of Energy SunShot Initiative, SolSmart will help communities make progress toward the SunShot target of \$1.50 per Watt. The TABLE ABOVE shows the projected improvement in savings and payback period for a 5kW project in Kansas City, were it to hit the SunShot price target.

KANSAS CITY, MO

SOLSMART COMMUNITY PROFILE

SOLAR CAPACITY



TOTAL INSTALLED CAPACITY

MISSOURI	136 MW
United States	27,400 MW

DISTRIBUTED GENERATION

MISSOURI	85%
United States	42%

- Solar is forecast to rank 1st for capacity additions in 2016, outpacing additions of all other energy technologies.
- There are over 960,000 solar energy systems installed in the United States.

AVOIDED



EQUAL TO PLANTING 5.5
FOOTBALL FIELDS OF TREES

OR NOT DRIVING
194,000 MILES

Estimated avoided carbon dioxide equivalent, based on a 5 kW PV system over 20 years

ADVISORS

SOLSMART

- Program-funded temporary staff that work on-location in communities to help achieve designation.
- Advisors' engagements last up to six months.
- The next application period will begin in January 2017!

SOLAR CONTEXT



KANSAS CITY'S SMALL BUILDING STOCK

SUITABLE FOR PV	124,500 BLDGS
PERCENT OF SMALL BLDGS	73%
PV CAPACITY POTENTIAL	970,600 MW
ENERGY GENERATION POTENTIAL	1,202,800 kWh
MEAN HOUSEHOLD USE YR (MO)	13,137 kWh



KANSAS CITY'S SOLAR RESOURCE

46%

MORE SUN THAN
BERLIN, GERMANY,
A WORLD LEADER IN
SOLAR

70%

AS MUCH SUN AS
YUMA, ARIZONA,
SUNNIEST CITY IN THE USA



VISIT SOLSMART.ORG OR CALL 202-469-3743 FOR INFORMATION.