

BADGER STATE SOLAR: ECONOMIC IMPACT

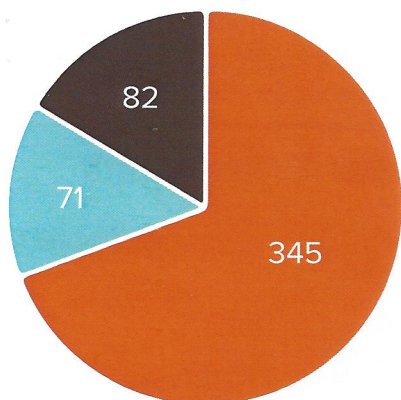
Summary of anticipated Economic Impacts of the 149 MW Badger State Solar project proposed in Jefferson County, Wisconsin.

WISCONSIN JOBS CREATED:

498 CONSTRUCTION JOBS
12 LONG TERM JOBS

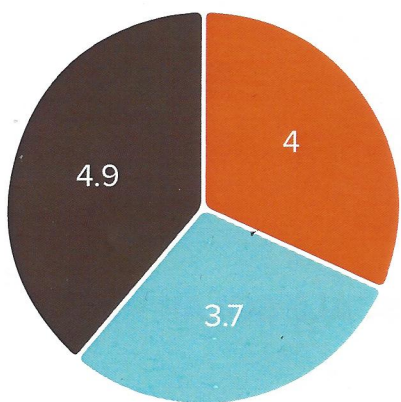
EARNINGS GENERATED:

	Wisconsin	Jefferson County
During Construction:	\$29.5 Million	\$2.6 Million
Long-Term Annual:	\$683 Thousand	\$446 Thousand



NEW LOCAL JOBS DURING CONSTRUCTION

- Direct
- Indirect
- Induced¹



NEW LOCAL JOBS LONG TERM

- Direct
- Indirect
- Induced¹

INCREASED ECONOMIC OUTPUT:

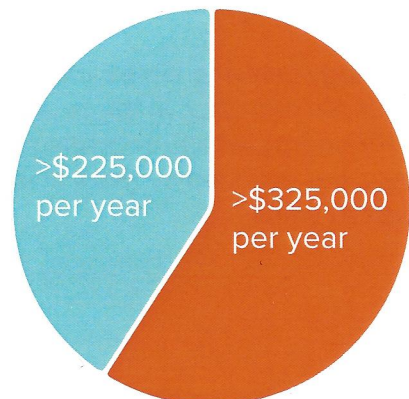
	Wisconsin	Jefferson County
During Construction:	\$45.5 Million	\$7.0 Million
Long-Term Annual:	\$1.5 Million	\$887 Thousand



AMOUNT PAID THROUGH SHARED REVENUE UTILITY PROGRAM:

OVER \$550,000 TOTAL

SHARED REVENUE DISTRIBUTION



¹Induced jobs are created by increased local spending from employees working directly or indirectly on the project

POLLUTION AVOIDED ANNUALLY²:

- 195,186 lbs of NO_x
- 146,172 lbs of SO₂
- 20,882 lbs of CH₄
- 5,800 lbs of N₂O
- 405 million lbs of CO₂

**LIKE TAKING
39,000 CARS
OFF THE
ROAD.³**

Solar installations create job opportunities and other benefits in the local area during both the short-term construction phase and the long-term operational phase. In addition to the workers directly involved in the construction and maintenance of the solar energy project, numerous other jobs are supported through the indirect supply chain purchases and the higher spending that is induced by these workers. Solar projects strengthen the local tax base helping to improve county services, schools, police and fire departments and infrastructure improvements, such as public roads.

Based on Oct. 2018 U.S. Energy Information Administration data, renewable sources, such as hydroelectric, wind and solar currently provide about 8% of Wisconsin's electric energy, while fossil fuels, such as coal and natural gas, provide more than 80%.

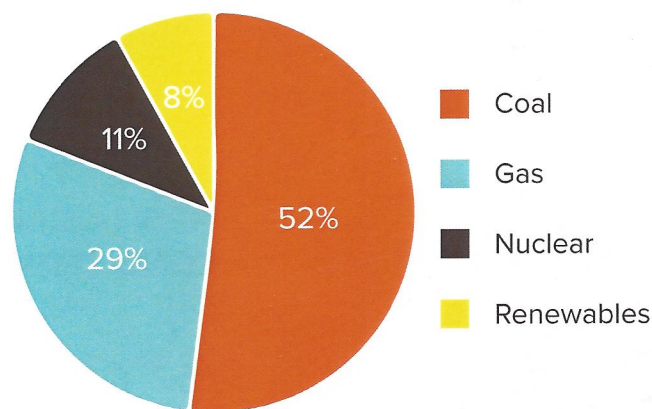
However, Wisconsin utilities have plans to shut down older coal-fired generation and replace it with clean, stable, low-cost, solar energy.

The strategy seeks to tap savings associated with the dramatic reduction in the cost of Utility-scale Solar PV energy, which, according to energy analysts, has dropped by more than 85 percent in the past 10 years.

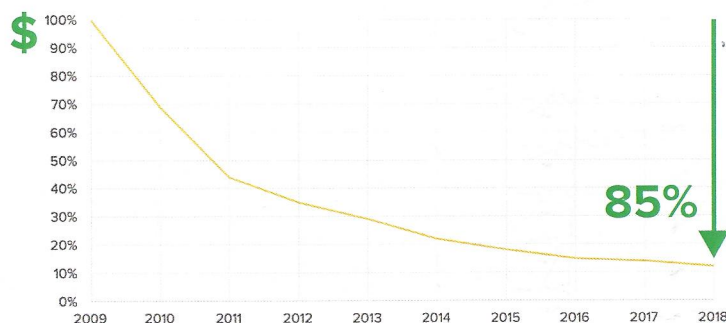
2018 WISCONSIN GENERATION MIX

BASED ON OCT. 2018

U.S. ENERGY INFORMATION ADMINISTRATION DATA



COST OF UTILITY-SCALE SOLAR PV



² Savings are compared to the average Wisconsin generation portfolio according to EPA data

³ Estimates from the EPA Greenhouse Gas Emissions Calculator