

Union Solar Project Economic Impact and Land Use Analysis

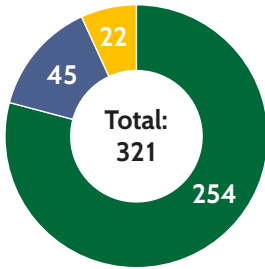
Union Solar is a 325 MW solar project using single-axis tracking panels. The project is located in Union County, Ohio and represents an estimated investment in excess of \$320 million.



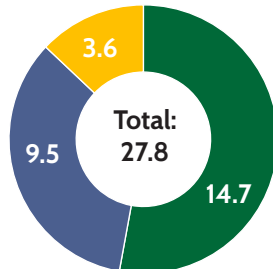
November 2020

Union County

Jobs during construction



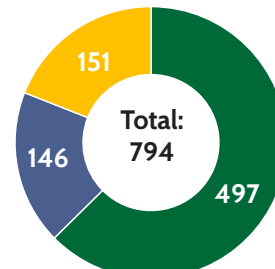
Jobs during operations



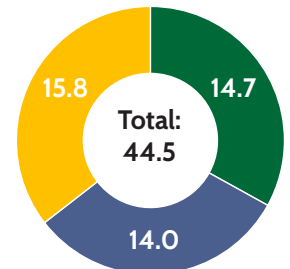
■ Direct Jobs: Project Development and Onsite Labor Impacts
■ Indirect Jobs: Module and Supply Chain Impacts
■ Induced Jobs

State of Ohio

Jobs during construction

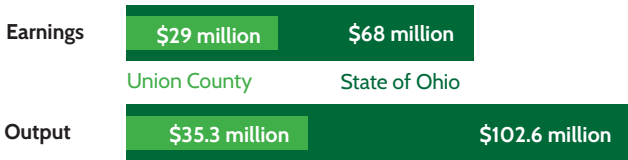


Jobs during operations

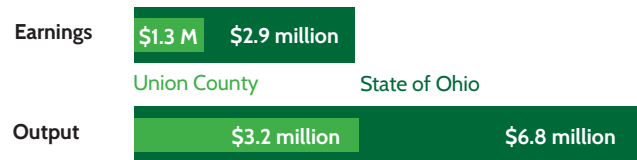


■ Direct Jobs: Onsite Labor Impacts
■ Indirect Jobs: Local Revenue and Supply Chain Impacts
■ Induced Jobs

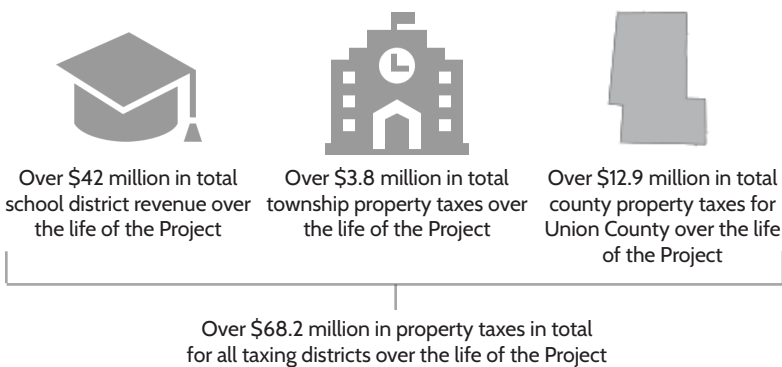
Earnings & Output during the construction period



Earnings & Output during operations (annually)



Property Taxes from the Project will result in:



Land Use Analysis

1% The 2,500 acres planned to be used by the Union Solar Project represents just 1% of the acres used for farming in Union County.

For corn or soybean farming to generate more income for the landowner and local community than the solar lease:

Price for corn

The price for corn would need to rise from \$4.20 to \$14.73 per bushel by 2051

Price for soybeans

The price for soybeans would need to rise from \$9.15 to \$40.65 per bushel by 2051

Yields for corn

Yields for corn would need to rise from 148.4 to 293 bushels per acre by 2051

Yields for soybeans

Yields for soybeans would need to rise from 44.2 to 110.6 bushels per acre

Using a real-options analysis, the land use value of solar leasing far exceeds the value for agricultural use.



Strategic Economic Research, LLC is an economic consulting firm offering analysis on economic impacts, energy economics, regulatory policy, and telecommunications. Dr. David G. Loomis, President of SER, is a widely recognized expert in energy and telecommunications economics.

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