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Jobs and Economic Development Model (JEDI)*

Developed for the National Renewable Energy Laboratory – Golden, Colorado

“The Jobs and Economic Development Impact Model (JEDI) was developed to demonstrate the economic benefits associated with photovoltaic systems in the United States. The primary goal in developing the state level model was to provide a tool for system developers, renewable energy advocates, government officials, decision makers and other potential users, to easily identify the local economic impacts association with constructing and operating these systems as part of a scenario, that is, more than one individual project.” – National Renewable Energy Laboratory

Estimated Local Impacts of a 150 AC MW Solar Photovoltaic Energy Facility in Illinois as per the JEDI Model:

During Construction:

Local construction and installation jobs: 744.8 Full Time Equivalent (FTE)

Local spending \$138,463,028

During Operation:

Local jobs: Facility 15.6 Full Time Equivalent (FTE)

Local annual spending: \$3,647,940 (includes wages, taxes, locally purchased materials, and leases)

*JEDI models from the National Renewable Energy Laboratory are derived from state-level economic data (multipliers and consumption patterns) developed by the Minnesota IMPLAN Group to estimate impacts to local economic activity resulting from the establishment of new energy generation facilities.



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**Prairie Solar LLC estimated first year tax revenue utilizing 2017 rates
(most recent) based on Fair Market Value of \$218,000/MW (per state statute)**

Fair Market Value (FMV): 150 MW x \$218,000 = \$32,700,000
Equalized Assessed Value (1/3 FMV): \$10,900,000

	Tax rate	Total \$
Champaign County	0.8481	\$ 92,442.90
Forest Preservation District	0.0925	\$ 10,082.50
Parkland College	0.5411	\$ 58,979.90
Tolono CUSD #7	4.2661	\$ 465,004.90
Sidney Fire Protection	0.2	\$ 21,800.00
Sidney Township	0.2285	\$ 24,906.50
Sidney Road and Bridge	0.2525	\$ 27,522.50
Sidney Permanent Road	0.1477	\$ 16,099.30
Sidney Cemetery	0	\$ -
Totals	6.5765	\$ 716,838.50