

NICHOLAS COUNTY SOLAR PROJECT

Nicholas County Solar Project Update | www.nicholascountysolarproject.com

Nicholas County Solar Project represents a proposed 100 MW solar energy facility in Nicholas County, West Virginia, bringing many positive impacts to the local economy and community.

Solar projects provide a healthy, productive economic development opportunity for local land to harvest a stable cash crop – the sun.

We are excited to be working in partnership with the Nicholas County community on an opportunity to host a clean, environmentally compatible, renewable energy generation facility on a reclaimed coal mine. Although energy from coal has been a large part of West Virginia's success as an energy leader, there is so much to gain by utilizing thousands of acres of former mining land for utility-scale solar facilities, according to The Nature Conservancy in West Virginia.

Rather than siting new areas for solar and energy storage development, these reclaimed mine lands would be put to use, decreasing impacts to forests, farmland, recreational areas, and the environment as a whole. Other benefits to solar project development on reclaimed mine lands include:



If all former mine lands in West Virginia were harnessed for solar development, it would be enough land area to double the total solar capacity that has been installed in the U.S. to date.*



Allowing former or laid-off mine workers to be retrained or apply transferrable job skills that are relevant for renewable energy.*

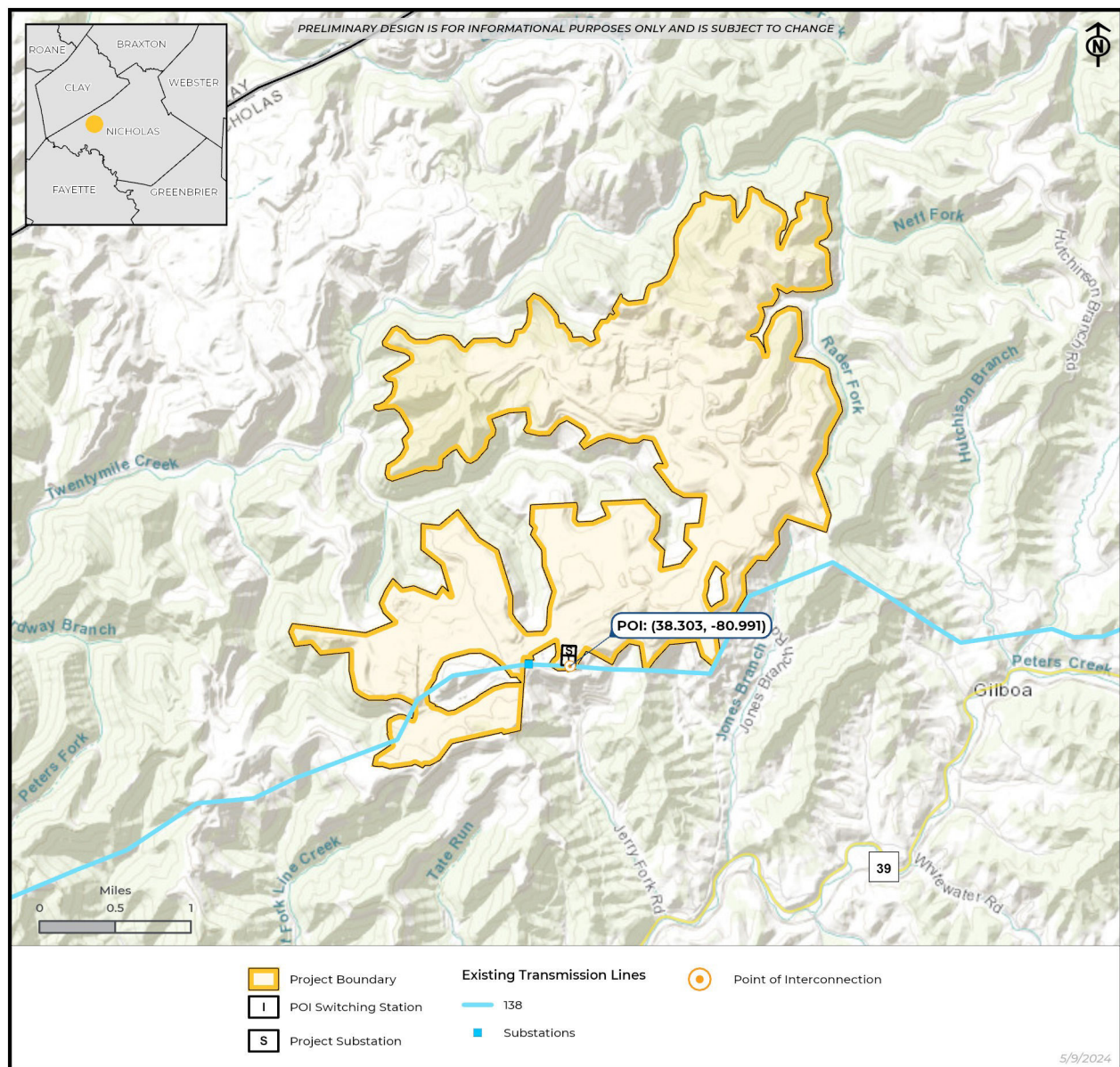


By siting solar on former mine lands and brownfields, West Virginia and surrounding states will sustain their forests, supporting outdoor recreation and opportunities.*

*The Nature Conservancy.org - www.nature.org/en-us/about-us/where-we-work/united-states/west-virginia/stories-in-west-virginia/solar-reclaimed-mine-lands/

Benefits of Going Solar in Nicholas County

- Quiet renewable energy generator without emissions
- Impacts to the local economy through increased revenues to local governments and other services
- Contributes to the diversification of the nation's electricity grid
- Boosts local business; creates new jobs during construction
- Requires minimal water consumption during construction and operations
- Provides an abundant, sustainable power resource to help stabilize electricity costs
- Will not increase local traffic during operations or create burden on municipal services (i.e. sewer, water, emergency services, etc.)



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The following companies and organizations provided data that contributed to the production of this map - CoreLogic, Inc., Environmental Systems Research Institute (ESRI), OpenStreetMap contributors, ReGrid, Loveland Technologies, U.S. Department of Agriculture (USDA), U.S. Federal Aviation Administration (FAA), U.S. Geological Survey (USGS), WhiteStar Corporation, Ventyx, Inc., An ABB Company, Imagery © 2024 Hexagon and data partners.