



TOWN OF NORTH COLLINS ANDERSON SOLAR PROJECT

June 2023



CleanChoice at a Glance

Our mission since day one has been to make clean energy accessible for everybody.

Key facts

- Founded in 2011 by a Pennsylvania native, CleanChoice Energy is a renewable energy company operating in the states of the mid-atlantic and the northeast with key staff in Pennsylvania, New York, Virginia, Massachusetts, Maryland and Washington, DC.
- We provide 100% Renewable (wind & solar) energy to both residential & commercial sectors across 8 states and DC.
- Currently advancing solar project development in key states.
- CleanChoice Energy has a Better Business Bureau rating of A+

The Team

- ✓ Grif Jones, Senior Project Manager, CleanChoice
- ✓ Andrew Joiner, Project Analyst, CleanChoice
- ✓ Jodi Hunt, Project Manager, TetraTech

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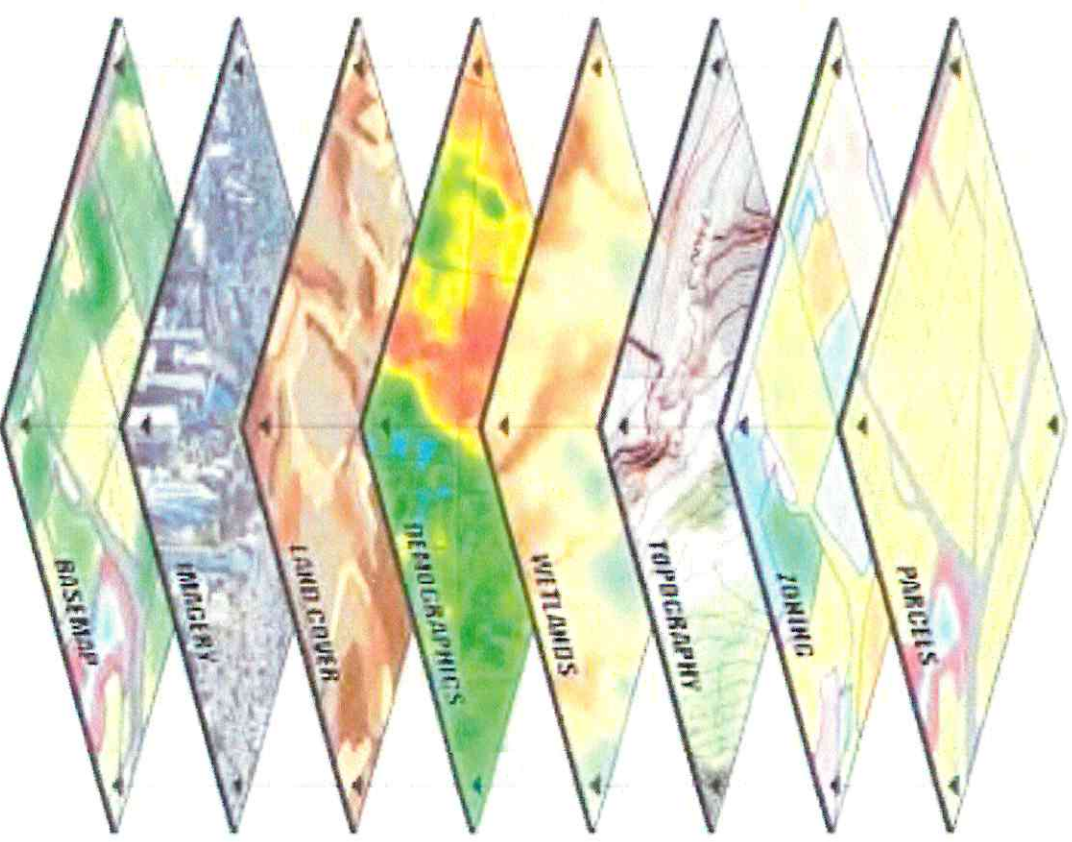
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Site Selection Process

Things we considered

- ✓ Interconnection Availability – within the site
- ✓ Community Character – solar is well suited to rural areas
- ✓ Zoning – the North Collins Solar Law allows utility scale solar energy systems by Special Permit in the Residence-Agricultural District
- ✓ Site visibility/visual impact – minimize through location of panels and strategic vegetative screening
- ✓ Environmental constraints – design for impact avoidance
- ✓ Avoidance of Existing Infrastructure (Buildings, Airports, etc.).



Solar is a great neighbor

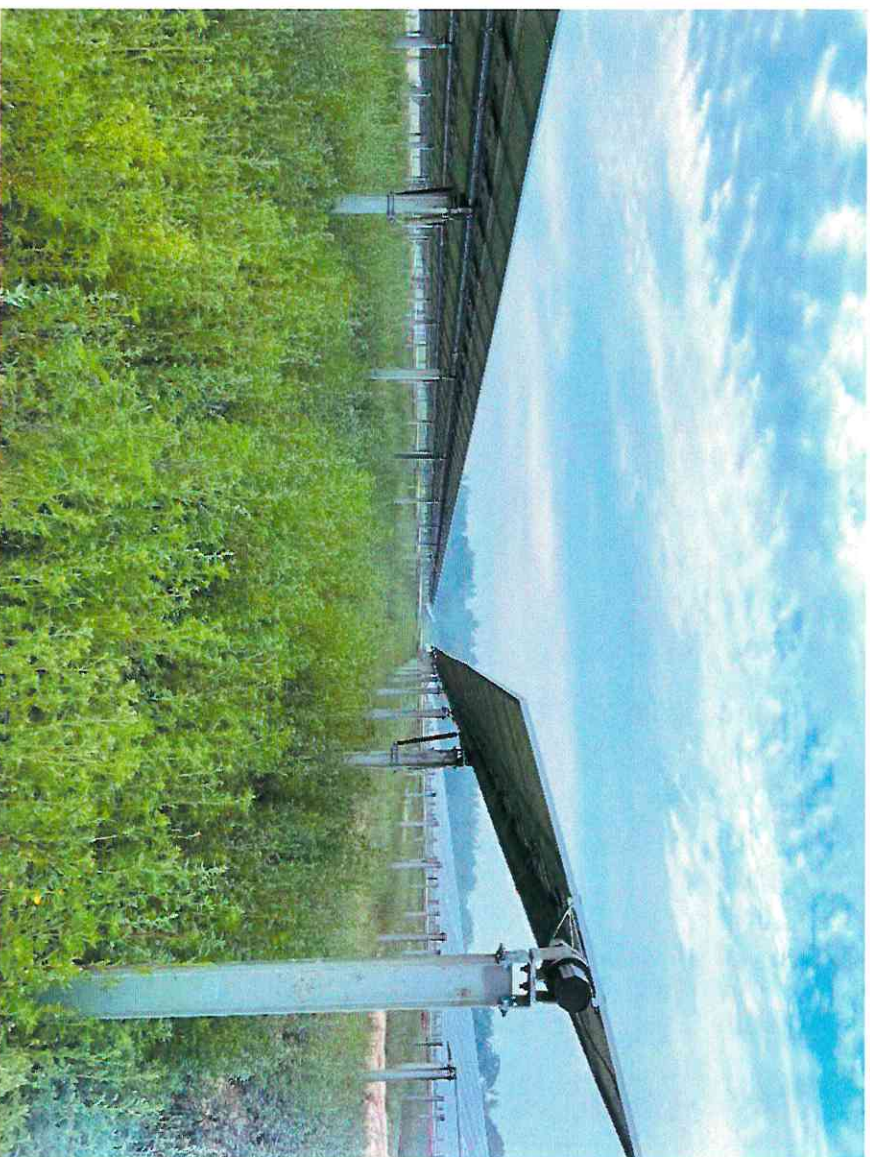
How will this affect you?

- ✓ No discernible noise and no increase in traffic during operation
- ✓ Secure fencing around project – at least 7'. Will design in collaboration with township
- ✓ Low profile panels are typically lower than mature corn stalks minimizing visibility
- ✓ Simple pile-driven post/rack design requires minimal disturbance
- ✓ Planting land with pollinator habitat can increase local ag yields through increased pollination.
- ✓ Glare – solar panels are designed to absorb sunlight not reflect it. Per the DOE, PV panels absorb 98% of light, reflecting as little as 2% of sunlight. The project is designed with Single Axis Tracker solar panels which means they will always be pointed directly at the sun.



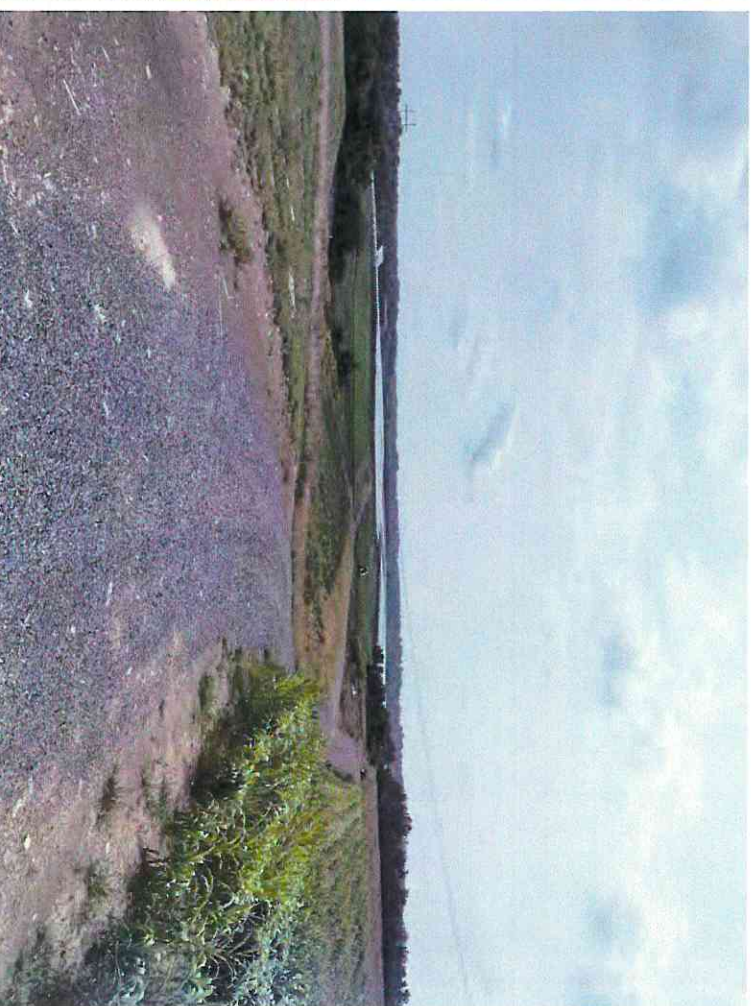
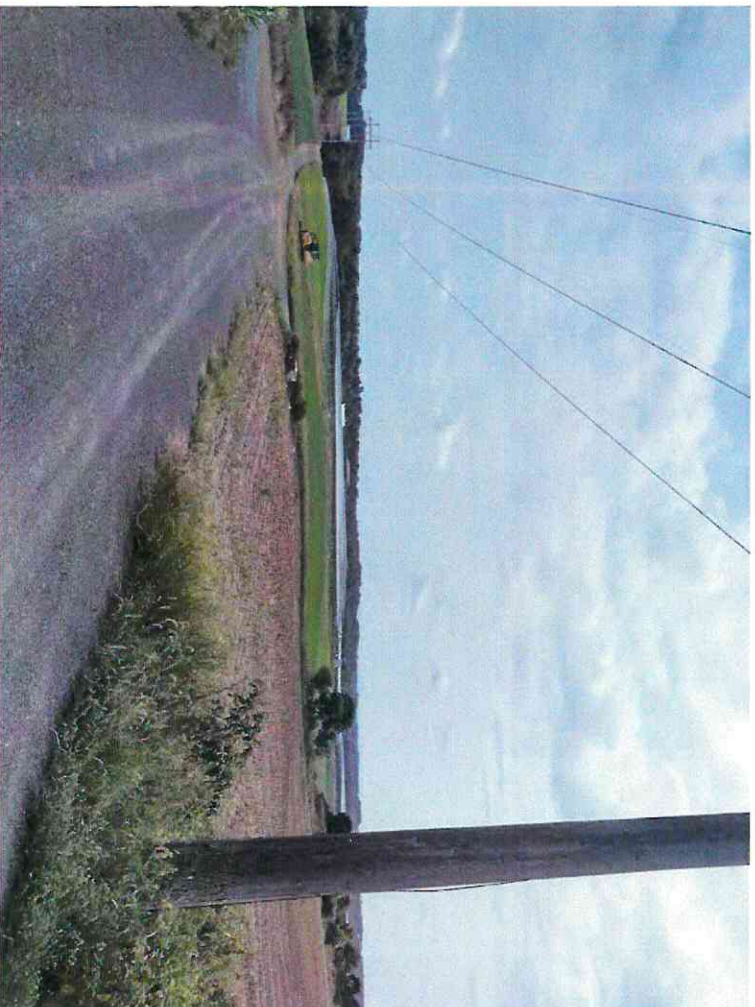
Key Points and Benefits

- Additional tax revenue over the project's lifespan
- No demands for new sewer, water, or road infrastructure
- Land can be readily reused for agriculture in the future. ("Agriculture Land Banking")
- Protection against soil erosion and sedimentation
- Diversified revenue stream for landowners
- No new transmission lines required. Local, clean power gets pumped directly into the New York power grid.
- Local residents will have the opportunity to subscribe to the proposed solar farm and power their homes with clean, renewable solar energy.



What will I see?

PSU Nittany 3 Solar Farm - Franklin County, PA



At approximately 500'

39.881355, -77.770502

At approximately 1,000'

39.882715, -77.770247

What will I see?

