



Dixon Run Solar, LLC

Bloomfield Township
Jackson County, Ohio

Second Public Informational Meeting
March 22, 2022

Presentation Overview:

- ❖ Introduction
- ❖ Project Overview & Site Specifics
- ❖ Solar Project Process
- ❖ Ohio Power Siting Board Permit Process
- ❖ Project Schedule
- ❖ Municipal Advantages/Effects
- ❖ Economy Impacts
- ❖ Workforce Needs
- ❖ How a Solar Facility is Constructed
- ❖ What happens after the solar facility reaches its maximum age
- ❖ Questions/Answers

SunEnergy1 OVERVIEW

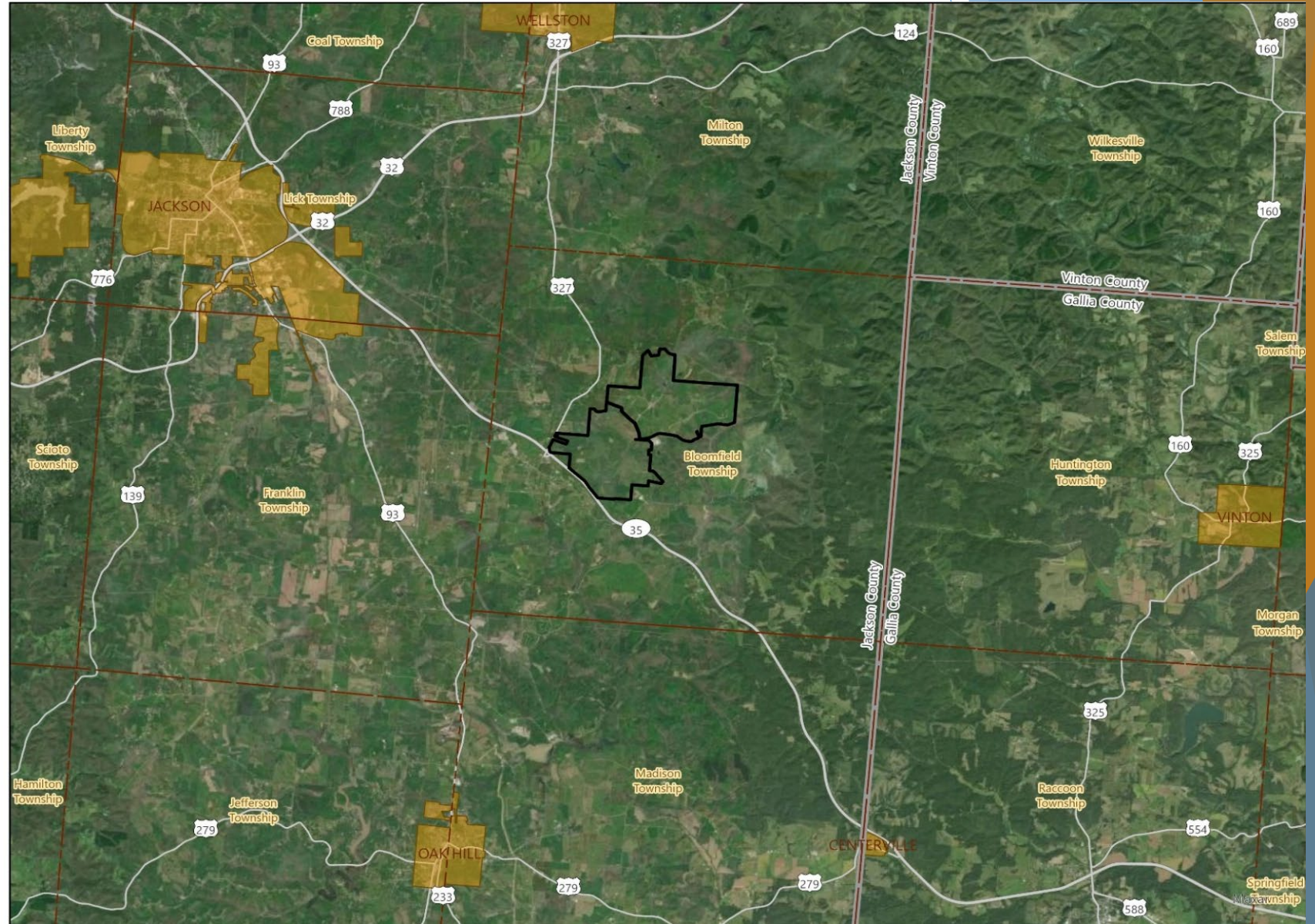
SunEnergy1 is an industry leader in utility-scale solar photovoltaic systems. As a vertically integrated developer, we manage all stages of a solar project from land acquisition, permitting, interconnection, environmental, design, engineering, construction, commissioning, operations and maintenance, through to post-commercial operation.

- Top solar developer in the U.S.
- 3 Main Offices
 - Two offices in North Carolina (Mooresville and Bethel) and one office in Connecticut
- First project in Ohio
- Presence in Jackson County since 2016



Dixon Run Solar Project Overview and Site Specifics

- Bloomfield Township, Jackson County
- Three Families
- ~2,082 acres in Project Area
- 140 MW Project
- Located on agricultural land and previously mined land with low production



Solar Project Process:

- Secure land control (Option to Purchase) – *Complete*
- File an interconnect study & agreement with the regional transmission organization (PJM)/utility provider (AEP) – *Complete*
- File regulatory filings such as:
 - Federal
 - FERC (Federal Energy Regulatory Commission) – *Complete*
 - State
 - Certificate of environmental compatibility and public need – *In progress*
 - Perform all applicable Environmental, Socioeconomic and Land-use impact studies such as;
 - ❖ Transportation Report – *Complete*
 - ❖ Socioeconomic Report – *Complete*
 - ❖ Sound Report – *Complete*
 - ❖ Hydrogeology & Geotechnical Report – *Complete*
 - ❖ Cultural Resources Phase 1A – *Complete*
 - ✓ Archaeological Field Work – *Complete*
 - ✓ Historic Resource Survey – *Complete*
 - ❖ Visual Resources Assessment – *Complete*
 - ❖ Ecological/Delineation – *Complete*
 - ❖ Glare Analysis - *Complete*
 - ❖ Decommissioning Plan - *Complete*

Solar Project Process (Cont.)

□ Local

- Bloomfield Township/ Jackson County Permits
 - Driveway Permits: *Before start of construction*
 - County PILOT: *Before start of construction*
 - Other required township/county permit: *Before start of construction*

Ohio Power Siting Board Process

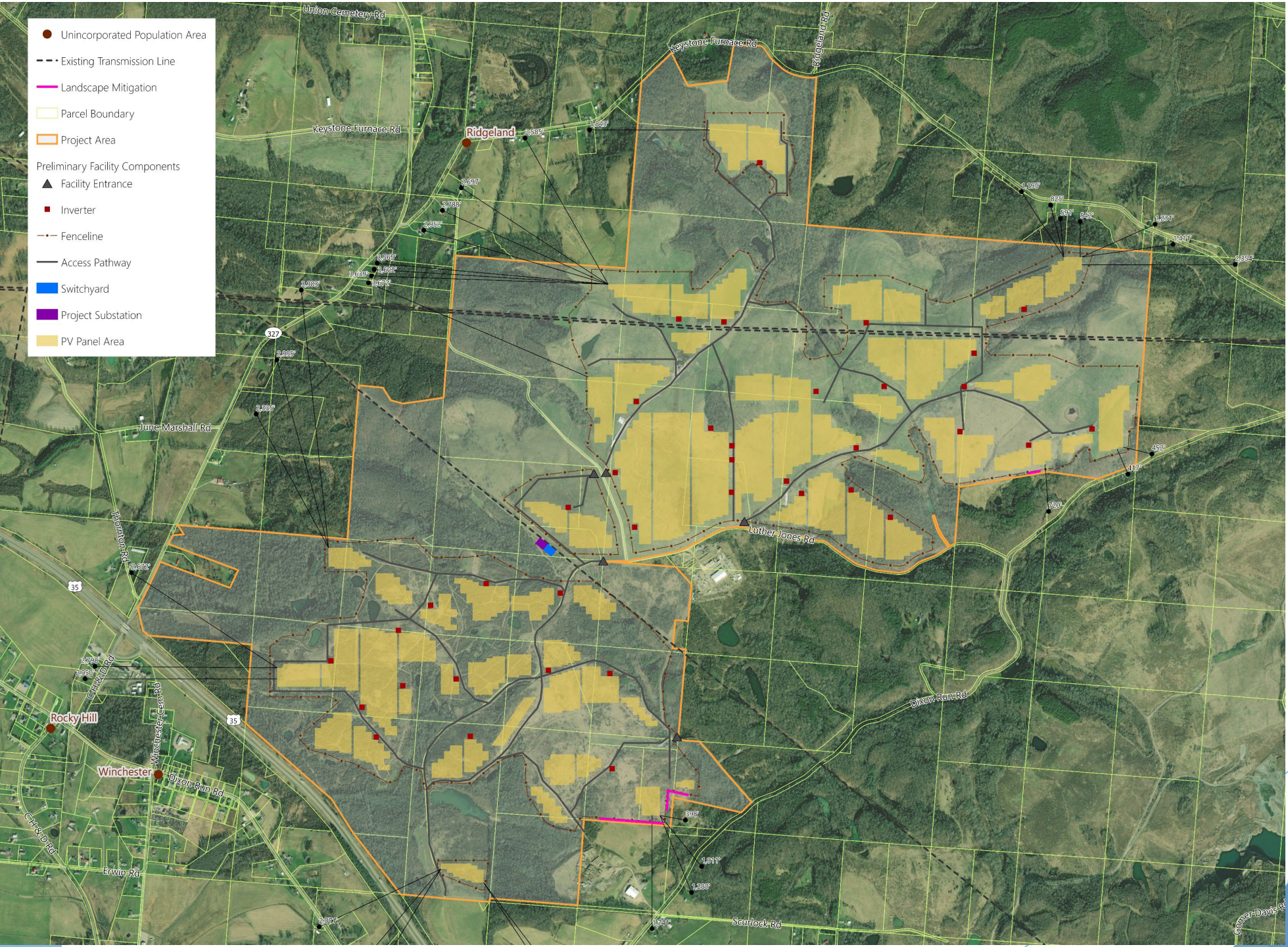
- Pre-Application meetings and conferences - Complete (July 2021)
- Pre-Application Public Informational meetings - July 2021 & March 2022
- Application submitted - Completed (September 2021)
- Completeness Review - In Process
- Letter of Completeness
- Proof of Service
- Board Entry establishing Filing Date & Hearing schedule
- Public Notice published by Applicant
- Staff Report
- Public Hearing
- Adjudicatory Hearing
- Board Decision
- Appeal Process

Ohio Power Siting Board Process (Cont.)

The board oversees the construction of the project and monitors its operation for two (2) years following the in-service date. The conditions of the Certificate will be effective through the life of the project.

Preliminary Site Plan

- Unincorporated Population Area
- Existing Transmission Line
- Landscape Mitigation
- ▭ Parcel Boundary
- ▭ Project Area
- Preliminary Facility Components
 - ▲ Facility Entrance
 - Inverter
 - Fenceline
 - Access Pathway
 - Switchyard
 - Project Substation
 - PV Panel Area



Project Schedule

- 2020 – Q2 2022
 - ❑ Refinement of project design and layout
 - ❑ Additional site-specific studies
- Q3 2021: Submittal of OPSB application
- Q4 2022 or Q1 2023: Issuance of CPCN
- Q1 2023 – Q2 2023: Submittal and Issuance of local permits
- Q2 2023 – Q1 2024: Construction
- Q1 2024: Commercial operational date/ in-service date

Municipal Advantages

- No need for water or sewer
- No increase demand on schools or government agencies or services
- No additional police or EMS needs
- No new roads or permanent facilities for County to maintain
- Low impact land use, will be easily restored to original use (unlike houses or retail), addressed further in the Decommissioning Plan.
- Optimizes existing grid infrastructure



Economic Impact: Effects of solar in my community

Solar will bring many benefits to the community including:

- Economic Development
 - Jobs
 - Increased business margin
 - Local construction related business
 - Restaurants
 - Hotels
 - Hardware stores
 - Gas stations
 - Increased local revenue
 - Annual payment in lieu of taxes (PILOT)
- Education/Training
- Any upgrades to current utility grid due to the solar facility are paid by the Project

Workforce needs

- Electricians
- Electrical Helpers
- Equipment operators
- Truck drivers
- Mechanical- torque
- Receiving
- Administrative Assistants
- Safety
- Security
- Wire Pullers
- Panels
- Trash
- Ground keeping/Maintenance
- Stone/Gravel
- Fuel Supplier
- Fencing
- Grading
- Hauling
- Silt Fencing/Silt Ponds
- Pavement Cleaning
- Concrete
- Catering



How a Solar Facility is Constructed



Posts are driven into the ground and racking is installed.



Once the racking is complete, panels are then installed



How a Solar Facility is Constructed (cont.)



Wire management is completed.



Inverters are installed to convert DC power to AC power.

How a Solar Facility is Constructed (Cont.)



Labeling is completed.



System is completed.

After Construction Long Term Maintenance of the Facility is Required



Lawn maintenance is important to keep grass from shading the panels, to encourage new grass growth, and to keep the system looking neat and tidy.

Electrical testing is performed several times a year to detect problems before they arise and to optimize system performance.



What happens after the solar facility reaches its maximum age?

After a solar facility reaches its maximum age of efficiency (approximately 40 years), the project owner will do one of two things:

1. The owner may decide to replace certain pieces of equipment and continue operation of the facility.
 - a) Replacement of major items such as inverters and PV modules are likely.
 - b) Newer more efficient technologies may be available at that time.
2. The owner will remove the facility and return the land back to its original state, in accordance with the decommissioning plan.
 - a) Panels will be removed and sent to a recycling facility.
 - b) All steel racking and posts will be removed and recycled.
 - c) All electrical wiring will be removed and recycled.
 - d) All transformers and inverters will also be recycled.
 - e) All fences will be removed.
 - f) The site will be fully cleaned of any debris.
 - g) The site will be returned to its original state.
 - h) This process would be completed within 12 months of the start of decommissioning.



Questions & Answers

Contact Information

Linda Nwadike

(704) 662-0375 ext. 104

192 Raceway Drive, Mooresville, NC 28117

(Website) www.dixonrunsolar.com

(Email) dixonrunsolar@sunenergy1.com

