

Evangeline Solar Open House



WELCOME!





Accelerating the future of energy, **together**

- The AES Corporation is a global energy company, with a focus in the U.S., that is accelerating the future of energy. AES has been developing and delivering innovative energy solutions to its customers for over 40 years. In the U.S. alone, AES successfully operates more than 540 solar projects that are in the ground and reliably producing clean energy across 25 states.
- AES is a market leader in clean energy development in the U.S. AES is also a diversified energy company, owning and operating two large investor-owned utilities in Indiana and Ohio, as well as other generation assets in the U.S. and worldwide.

5.1 GW in operations

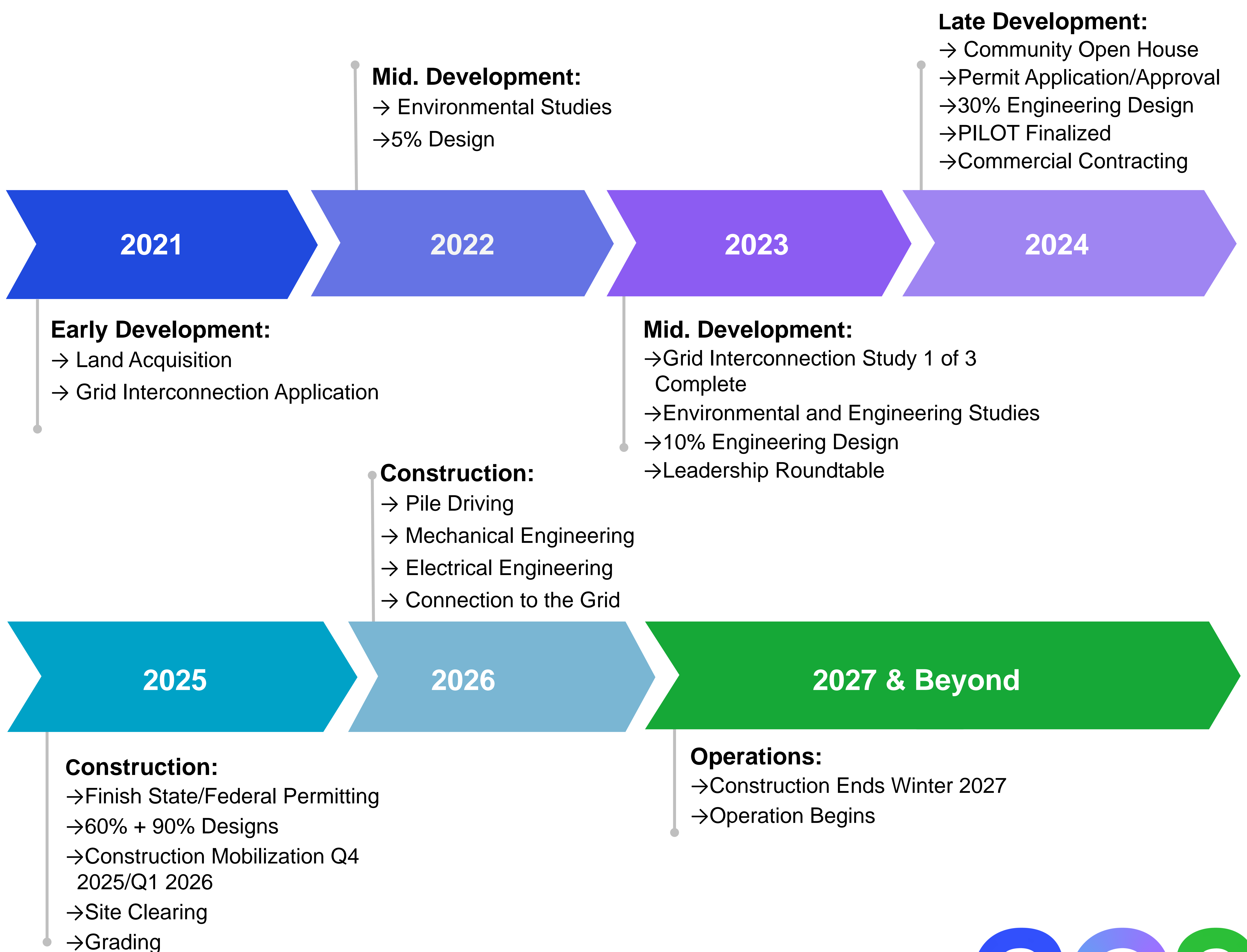
51+ GW in development





Evangeline Solar Project Overview

- Nameplate Capacity: **200 MW**
- Location: **Evangeline Parish, LA**
- Project Footprint: **~2,300 acres**
- Expected Commercial Operation Date (COD): **Winter 2027**



Community Benefit



Community Engagement & Outreach

- AES is committed to strengthening positive impact through mutually beneficial partnerships in the communities where we work
- Our focus pillars include the following:
 - Partnering for access to safe, efficient, and affordable energy and basic services
 - Partnering for Inclusive Economic Growth & Education
 - Partnering for the Environment
 - Partnering for Community Health & Well-Being



Economic Benefits

- The Evangeline solar project provides a unique opportunity for low-impact, high-value economic development in Evangeline Parish and across Louisiana:
 - More than \$300M in capital investment
 - Support more than 300 direct jobs during construction
 - Support an estimated 5-10 direct jobs during operations
 - Generate enough affordable, clean energy to power 30,000 Louisiana homes

For more information, please contact LAstakeholderrelations@aes.com



Environmental Studies & Agency Coordination



Federal and State

→ Threatened & Endangered Species Permitting

- Completed through the US Fish & Wildlife and Louisiana Department of Wildlife & Fisheries.
- The red-cockaded woodpecker and alligator snapping turtle have the potential to occur within the Project area.
- The Project area was surveyed to identify potential species' habitat.
- Project will not impact identified species' habitat and will avoid affecting both species.

Red-Cockaded Woodpecker



Source: <https://www.tws.gov/media/red-cockaded-woodpecker-feeding>

Alligator Snapping Turtle



Source: <https://digitalmedia.tws.gov/digital/collection/natdigi/id/6287/seq/8>

→ Wetland Permitting

- Completed through the US Army Corps of Engineers.
- Field studies identified wetlands and ponds/ditches within the Project.
- The Project plans to avoid wetland and water impacts by horizontal directional drilling electrical lines beneath wetlands. These features are shown on the Preliminary Plan Set.

→ Cultural/Archeological Permitting

- Completed through the Louisiana Office of Cultural Development – Division of Archaeology
- Cultural Resources Study identified areas with high probability of containing archeological artifacts which are being surveyed.



Environmental Studies & Agency Coordination



Local Permitting

- The Project is designed to meet and comply with the Evangeline Parish Ordinance
- We will be obtaining an Evangeline Utility Scale Solar Facility Permit.
- The Permit Application will include:
 - Preliminary Site Plans
 - An Economic Impact Analysis
 - Preliminary Traffic Plan detailing the best management practices used during construction, maintenance, and decommissioning of the Project.
 - Hydrology Study and best management practices used in initial Project design to mitigate impacts to off-site and adjacent lands.
- The following items will be submitted to the Parish after further Project design:
 - Emergency Response Plan
 - Decommissioning Plan
 - Maintenance Plan

Solar Construction



Safety

- At AES, we put safety first and it is our top core value
- There are not any peer-reviewed reports of solar panels causing health and safety issues
- Solar systems are governed by the same Building/Electrical/Fire codes that govern the construction of homes and other buildings in the community

Impacts

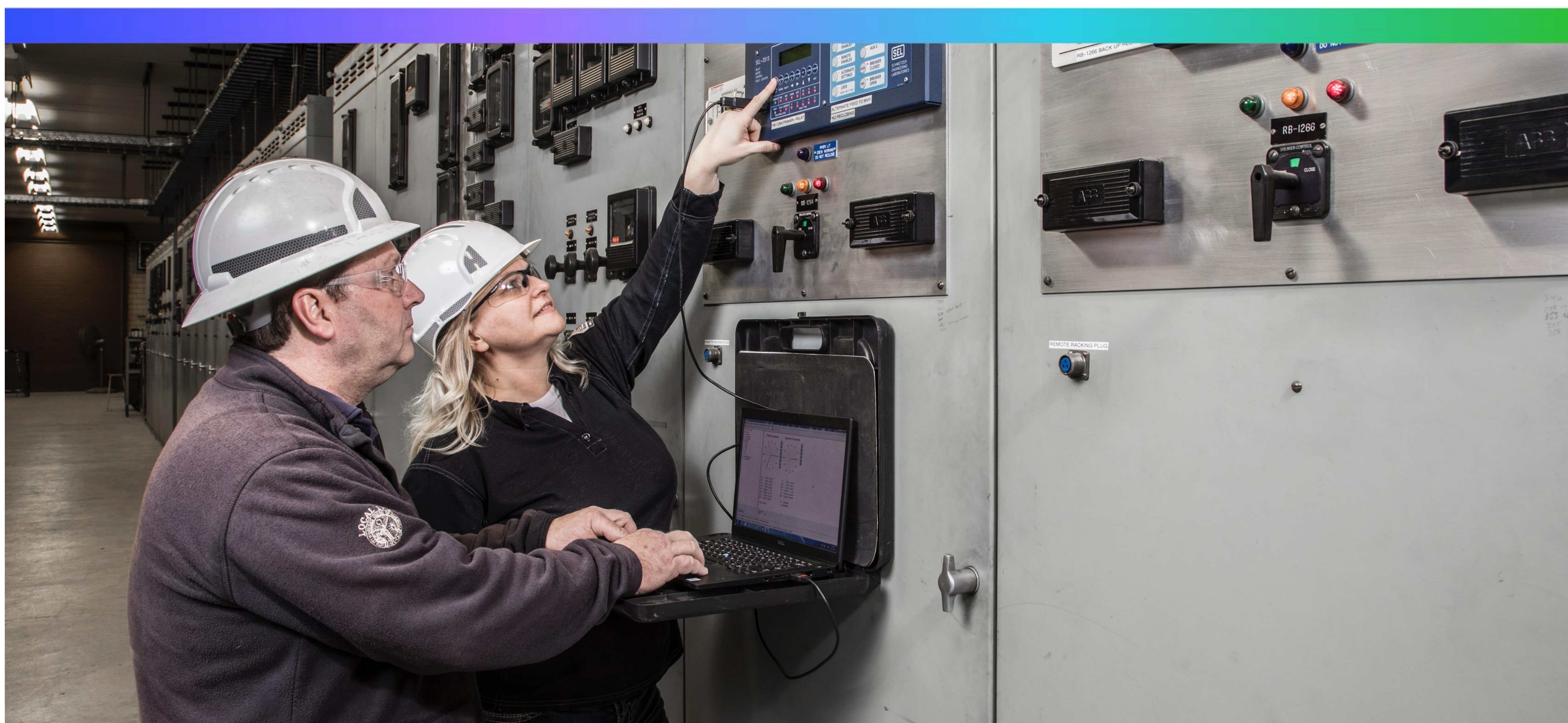
- During development, impact studies are done to identify sensitive features of the project area so that we can construct the facility in a way that minimizes impacts and maximizes benefits to the environment
- The project will not adversely impact stormwater runoff outside of the project area
- Once the project is built, it will be AES' financial and contractual obligation to restore county roads and bridges to their pre-construction condition

Process

- The entire construction period of this project is expected to last approximately 18 months
- Construction will only take place during appropriate work hours
- Early on in construction, pile driving will take place and cause some noise over the course of roughly 2 months
- During the process of construction, nearby residents can expect
 - Minor increase in traffic on designated roads
 - Potential dust during pile driving
 - Larger trucks on haul roads during construction hours.
 - Once construction is over, the project will be a quiet neighbor and traffic will return to normal



Solar Operations



Monitoring

- 24-7 / 365 days a year remote monitoring
- Supervisory control and data acquisition (SCADA) system

Maintenance

- Minimal annual maintenance will be required – keeping electricity cost low
- AES will regularly inspect project site to ensure all components are operating properly
- AES construction and operations team will be on-call in the event of a maintenance issue
- AES typically contracts with a local landscaping company to provide services including any vegetative buffers to assist with viewshed

Security

- Project sites will be fenced off with strict, electronically controlled security access gates
- Securely installed enclosed electrical equipment will be on-site
- Local fire & rescue will have access to the site as needed