

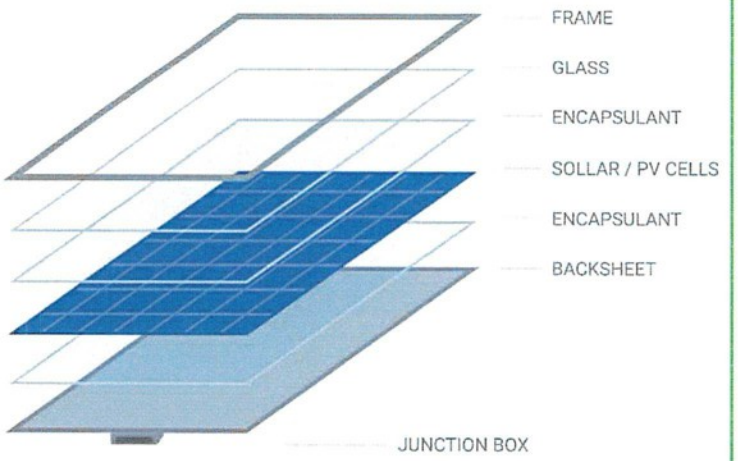
Earthrise Energy Project Team

Joseph Horn: Joseph Horn is the engineering manager at Earthrise Energy. Joseph has a degree in civil engineering from Purdue University. Prior to joining Earthrise, Joseph worked at a general contractor in the renewables sector and has worked on over 40 commercial and utility-scale solar projects. There he leveraged his background in civil engineering and land surveying to design and construct utility-scale renewable projects located across the country. At Earthrise, he oversees front-end engineering and design for the company's utility-scale solar projects.

Solar Modules

Bi-Facial Technology

- Utilizes state of the art aluminum-framed, crystalline silicon bi-facial PV technology assembled in the US
- Absorbs direct sunlight from front and reflected light from the back
- Manufactured with commonly used, non-toxic materials
  - Made of glass (75% of the weight of the panel), aluminum, copper, and silica (substance found in sand and quartz, used to build glassware and countertops)
  - Coated with anti-reflective materials to maximize light absorption and enhance efficiency
- Engineered to withstand extreme weather conditions
  - Electronic components are encased within layered glass and sealed within an aluminum frame
- Growing recycling market due to demand for raw materials

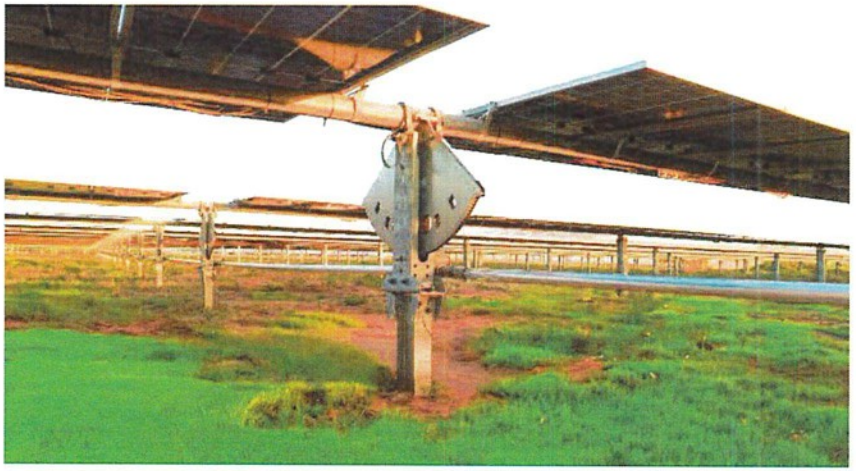


"Leaching" is not possible.
All materials are solid.

Inverters and Trackers

Trackers

- Solar panels are mounted on structural frames that are anchored into the ground with steel beams
- The frames, referred to as trackers, rotate throughout the day to track the sun's position in the sky and maximize electricity production



Inverters

- Solar panels generate direct current (DC) electricity
- Inverters convert direct current (DC) electricity to alternating current (AC) electricity for use on the electric grid
- Inverters are connected to the substation via medium voltage alternating current (MVAC) cabling



Construction Phases

Construction takes approximately 18-20 months from start to finish. Our engineering, procurement, & construction contractor will use union labor to construct the project.



Clear and grade the land, construct access roads, construct laydown yards, install fencing	Drive piles into the ground to support the solar panel tracker system.	Mount the tracker system on the piles, then install the solar panels onto the racks.	Lay cables to collect and transmit the electricity generated by the solar panels. Install Inverters on pile foundation	Final connection testing, inspection, and certification of the completed solar project before operation begins.

Operations and Maintenance

SYSTEM MONITORING

- Remotely monitored 24/7, 365 days a year
- Periodic visits to the site and annual maintenance and inspections
- Continuous monitoring allows operations team to dispatch maintenance technicians to the site if needed

EQUIPMENT MAINTENANCE

- Using industry-leading components that are backed by long-term warranties, ensuring equipment manufacturers will assist with repair or replacement if needed

MINIMAL NOISE

- Project noise-levels effectively inaudible
- Only noise emitting equipment are inverters as fans in the inverters sound like an air conditioner
- Inverters will be more than 150 feet from adjacent properties and roads
- Noise levels will comply with the Illinois Pollution Control Board Regulations (IPCB)

MINIMAL TRAFFIC

- There will be very minimal traffic added
- Maintenance traffic will be limited to pickup trucks for equipment and vegetation maintenance

Decommissioning

Earthrise Energy's decommissioning plan ensures responsible removal of solar infrastructure and site restoration.

Equipment Removal

- In accordance with the AIMA, equipment, including panels, steels piles, inverters, and electrical cabling will be removed

Recycling

- While there is already a market for panel recycling, it is expected to grow as there will be more demand
- Glass, aluminum, steel will be recycled

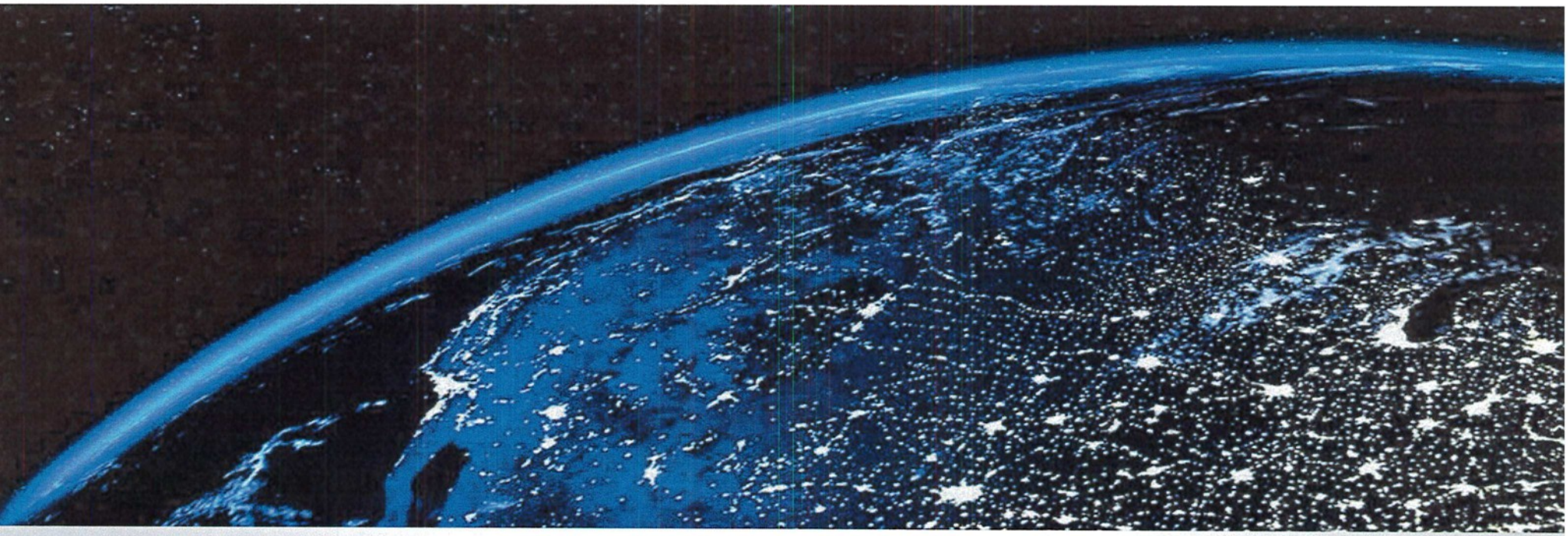
Land Restoration

- Agricultural land will be restored to preconstruction condition
- Any compacted soil will be de-compacted, and topsoil will be placed on disturbed areas and reseeded

Cost Estimate and Surety

- Earthrise will post financial securities to Coles County equal to the decommissioning cost estimate
- The cost estimate will be updated every five years to match then-current decommissioning costs

Per the AIMA and decommissioning plan, Earthrise Energy guarantees the project will be removed at the company's expense at the expiration of the land leases or in the unlikely event the system ceases power production



Thank You

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