

A composite background image. On the left, a wind turbine stands against a bright sun. In the center, a field of solar panels is visible. On the right, a close-up of a young child with curly hair blowing a dandelion seed head. The scene is bathed in warm, golden light.

Solar on the Rock River Closed Landfill

NREL / EPA Webinar

November 3, 2023

Alliant Energy profile

995,000
Electric customers

425,000
Gas customers

3,130
Employees

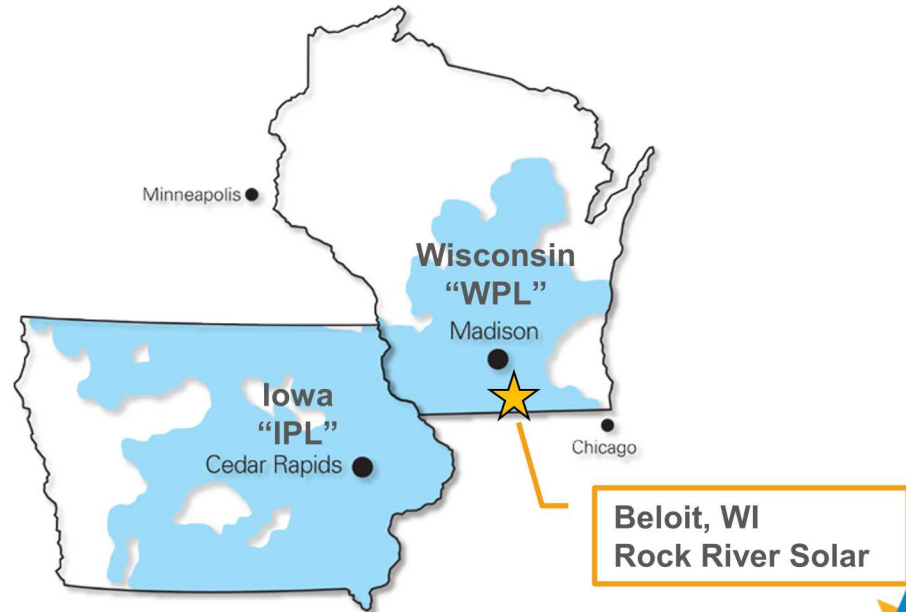
Estimates as of February 2023

Interstate Power and Light (IPL)

- Serves about 80 of 99 counties

Wisconsin Power and Light (WPL)

- Serves about 35 of 72 counties



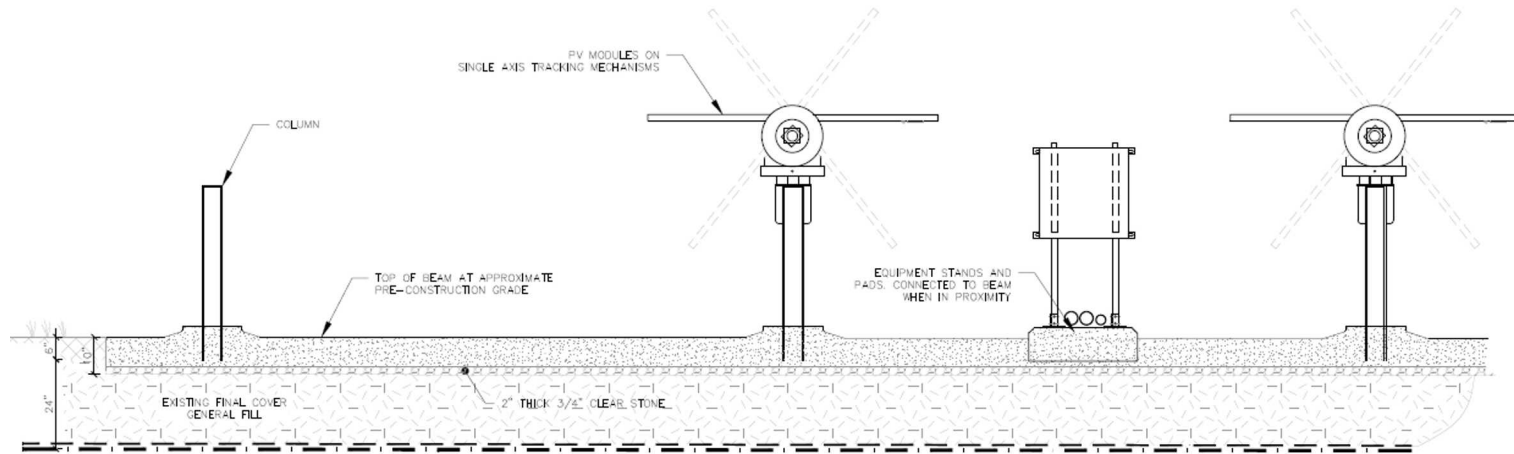
Rock River Solar Facility

- Completed in 2016
- Built on closed CCR Landfill
- 15 acres, ~2.3 MW
- Partnership with Hanwha Q CELLS USA
- Permit coordination with Wisconsin DNR



Rock River Construction Features

- Graded to facilitate solar
- Ballasted system
- Seven sub-arrays
- Single-axis tracking





Future Closure Opportunities

- Each site is unique
- Our closures are smaller than typical utility-scale solar
 - Supports distributive solar
 - Continuing to evaluate solar for replacement capacity and IRA incentives for Energy Communities
 - Incorporating potential solar into closure grading
- State agencies have been supportive



Questions?

