

Community Information

Canal Road Solar Farm



Lightsource bp is in the process of developing a solar farm in Wayne County. The privately funded \$80 million clean energy project will deliver electricity into the local grid, helping with Ohio's energy independence and energy security.

The project will generate new tax revenue for Wayne County without an increase on its citizens, provide long term stable income for landowners and create new jobs during construction and operations.

Lightsource bp has an approach to project development known as Responsible Solar, which means we work hard to make each of our solar projects a net positive for the community and that we are good long-term partners of the community.

Our responsible practices for solar farm development, include:

- Adding buffer zones of green space and planting trees and other vegetation between the solar panels and public view where needed for screening and to provide habitat for local wildlife.
- A commitment to recycling all non-functioning solar panels during construction, operations, and at the end of the project's life.
- An agricultural game style fence, consistent with the local aesthetic of the area, to be installed around the project as opposed to industry-standard chain link fencing.
- Planting vegetation under and around the solar panels, with a seed mix customized for the local area.
- Development of drainage and traffic management plans, which include remediation if any damage is done to public infrastructure during construction.
- Stipulating how the site would be decommissioned at the end of its life

A long-term Land Maintenance and Biodiversity plan for the site will be shared with the community to support habitat conservation and increase biodiversity on site, and ensure it blends with the aesthetic character of the area.

Contact us at

USCommunityRelations@Lightsourcebp.com

www.lightsourcebp.com/canalroad

Numbers provided may be adjusted as system design is finalized

New tax revenue

property taxes from project to benefit local schools & other public services



\$32M

over project life



\$1.9M

first full year

Clean electricity

locally generated renewable power



49MW_{AC}

contributing to Ohio's energy security



57,405MT

of CO₂ reduced each year

Jobs

created by the project for the community



50

direct jobs during construction

Investment in Ohio

new energy infrastructure privately funded



\$80M

private capital will fully fund this project



\$1M

annual operations budget primarily spent in the region

Project details

Economic benefits

- Throughout the life of the project, \$32 million in new tax revenue is expected to be generated, which will go toward local school systems, emergency services and many other services – without an increase in taxes to local residents.
- 50 jobs will be created during peak construction of the project, the majority of which will be filled by members of the local labor force.
- Lightsource bp is committed to dedicating funds to philanthropic activities and charitable donations to local Wayne County organizations.

Environmental due diligence and stewardship

- Trees and shrubbery are typically planted to screen the project from neighbors' views and provide additional habitat for local wildlife.
- A long-term Land Management and Biodiversity plan will establish habitats to increase biodiversity through creation of pollinator habitat and natural undergrowth below the panels which helps to manage water runoff and drainage.
- Prior to construction, the site will be seeded to help stabilize the soil, reduce runoff, provide wildlife-benefiting pollinators and increase soil health.

Aesthetics

- The solar farm will include various buffer zones with vegetative screening to limit the visual impact.
- An agricultural style fence with wooden posts, consistent with the local aesthetic of the area, will be installed around the project, as opposed to industry-standard chain link fencing.

Long-term management

- \$1 million will be invested annually during operations to maintain the facility and the land, and will induce economic growth throughout the County and State.
- Land Management and Biodiversity Plans are created for all projects in our portfolio to document the results of site-specific environmental studies, best management practices, regulatory compliance, and biodiversity initiatives.

Decommissioning and recycling

- A full decommissioning plan will ensure that the project will be dismantled, removed and recycled at the end of its life and that the land can be used for agricultural activities or another use as deemed appropriate by the next generation.
- Lightsource bp will recycle all solar panels used at the project - damaged or non-performing panels during construction and operations, and at end of life/decommissioning.



A flock of sheep grazes at a Lightsource bp solar farm in Pennsylvania



We have seen plant and bird habitats increase at our solar farms



Solar panels are mounted on posts, enabling growth of vegetation underneath that allows for natural drainage and the interception of storm water



Rich ecosystem under and around solar panels shown at Lightsource bp solar farm in Texas



As they follow the sun during the day, solar panels reach a max height similar to a field of corn