

Community information

Trinity River Solar



Lightsource bp is in the process of developing a solar farm in Liberty County. We are planning to build, own and operate a privately funded \$200 million clean energy project that will deliver electricity into the local grid, helping with Texas's energy independence and energy security.

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

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.

In developing the Trinity River Solar project, our responsible practices for solar farm development, include:

- Adding buffer zones of green space, planting trees and other vegetation between the solar panels and public view where needed for screening and to provide habitat for local wildlife.
- Development of comprehensive drainage and traffic management plans, which include plans and guarantees for remediation if any damage is done to County infrastructure during construction.
- Stipulating how the site would be decommissioned at the end of its life.
- A commitment to recycling all non-functioning solar panels during construction, operations, and at the end of the project's 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@lightsourcecbp.com

Numbers provided may be adjusted as system design is finalized

New tax revenue

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



\$14M

over project life

Clean electricity

locally generated renewable power



173MW_{DC}

contributing to Texas energy security



221,621MT

of CO₂ reduced each year

Jobs

created by the project for the community



200-300

direct jobs during construction

Investment in Texas

new energy infrastructure privately funded



\$200M

private capital will fully fund this project

Project details

Economic benefits

- Throughout the life of the project, millions 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.
- 200 - 300 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 Liberty 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

- Minimum 50 foot public road setbacks will be adhered to.
- 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

- Millions 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