

# Community information



## Proposed Mowata Solar Farm

Lightsource bp is in the process of developing a solar farm in Acadia Parish. We are planning to build and operate a privately funded \$239 million (approx.) clean energy project that will deliver electricity into the local grid, helping with Louisiana's energy independence and energy security.

If approved, the project will generate new tax revenue for Acadia Parish 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 Mowata Solar project, we are adhering to the ordinance adopted by Acadia Parish Government, which provides local regulatory control over solar farms. Key elements of the ordinance, which complement our best practices for solar farm development, include:

- Strategic placement of buffer zones and vegetative screening to limit visual impact.
- Development of comprehensive drainage and traffic management plans, which include plans and guarantees for remediation if any damage is done to Parish 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](mailto:USCommunityRelations@lightsourcebp.com)

*Numbers provided may be adjusted as system design is finalized*

### Clean electricity

locally generated renewable power



**172MW<sub>DC</sub>**

contributing to Louisiana's energy security



**227,214MT**

of CO<sub>2</sub> reduced each year

### Jobs

created by the project for the community



**250-350**

direct jobs during construction

### Investment in Louisiana

new energy infrastructure privately funded



**\$237M**

private capital will fully fund this project



**\$6.4M**

annual operations budget primarily spent in the region

# 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, soil conservation and many other services – without an increase in taxes to local residents.
- 250-350 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 Acadia Parish organizations.



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

## Environmental due diligence and stewardship

- Trees and shrubbery will be planted to limit visual impacts 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.



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

## 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.



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

## Long-term management

- \$6.4 million will be invested annually during operations to maintain the facility and the land, and will induce economic growth throughout the Parish 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.



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

## 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.



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