

Community information

Mountain Daisy Solar Farm



Lightsource bp is in the process of developing a solar farm in Weld County. We are planning to build, own and operate a privately funded \$150 million clean energy project that will deliver electricity into the local grid, helping with Colorado's energy independence and energy security.

The project will generate new tax revenue 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 Mountain Daisy solar project, we are adhering to the ordinance adopted by the Town of Severance, 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 Town or County 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

Numbers provided may be adjusted as system design is finalized

New tax revenue

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



\$8M+

over project life

Clean electricity

locally generated renewable power



162MW_{DC}

contributing to Colorado's energy security



212,360MT

of CO₂ reduced each year

Jobs

created by the project for the community



250+

direct jobs during construction

Investment in Colorado

new energy infrastructure privately funded



\$150M

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, \$8+ 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.
- 250+ 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 Weld County organizations.



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

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.



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

Aesthetics

- Minimum public road setbacks and minimum home setbacks will be adhered to or exceeded.
- 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

- \$1 million will be invested annually during operations to maintain the facility and the land, and will induce economic growth throughout the Town 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.



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