

Public Trails and Open Space:

Sugar Beet Solar will dedicate 19 acres of open space representing 17% of the total project acreage including a 1.6 mile looped trail. Connecting the donated open space to the adjacent Mead Ponds would create a 33-acre park for the Town of Mead

PV Solar Panels:

The project's panels would be grey-blue in color; have a non-reflective surface; and stand 8 to 12 feet tall, depending on the angle of the sun. The panels would be connected serially to form a string and these strings would combine to form a north-south array that follows the sun's movement, occupying approximately 129 acres of the site.

Inverters and Collection System:

The power generated within the arrays would be feeding southeast to the collector substation adjacent to the existing Longs Peak Substation.

Collector Substation:

An approximately 2.5 acre collector substation and transformer would step-up from medium voltage to 230kV, which is the transmission voltage at which Platte River Power Authority operates the substation.

Energy Storage Facility:

The battery energy storage facility would have a footprint of up to 27 acres.

