

Montour Solar | Factsheet

Construction Process

1. Permits and Approvals Received
2. Site Preparation - cleaning and grading will be performed
3. Installation - panel supports and pivot mechanisms will be installed and panels attached
4. Transmission Infrastructure Built - substation and transmission lines installed
5. Testing and Final Approvals
6. Commercial Operation

Operations

- » 24/7 monitoring from central location
- » Ongoing maintenance plan will include items such as:
 - » Vegetation management
 - » Electrical checks
 - » Visual, electrical and mechanical inspections
- » Corrective maintenance will occur as required
- » After 30+ years of useful life is completed, equipment will be removed and the site will be restored to its natural state

Harnessing the Sun

As sunlight hits the solar panels, the solar radiation is converted into direct current (DC) electricity. The direct current flows into power inverters, where it is converted into alternating current (AC) that can be used by the local electric grid. Finally, the electricity travels through transformers and the voltage is boosted for delivery onto the transmission grid for regional distribution.

