Overview

- There are 5 Utility-Scale Solar facilities in operation in Alamosa County and 3 facilities that are permitted for development.
  - These facilities generate 136.7 Megawatts or enough electricity to power over 22,418 homes in Colorado.
- A Utility-Scale Solar Facility in Alamosa County is defined as either covering more than 5 acres or producing more than 10 megawatts.
- A Decommissioning Agreement provides financial security to allow for the decommissioning and reclamation of the site.
- A Community Development Fund is a voluntarily donated, county-administered fund to provide for job training, scholarships, nonprofit funding, school curriculums, etc.

1041 Permit Process

1.) Community Outreach
2.) Public Notice of Designation Hearing
3.) Designation Hearing
4.) Designation of Matter of State Interest
5.) Application Fee Submitted
6.) Submit Permit Application
7.) Notice of Public Permit Application Review Hearing
8.) 2nd Notice of Public Permit App Review Hearing
9.) Permit Authority Decision
10.) Financial Security submitted by Applicant
11.) Permit Issued

Glossary

- **Array**: An electrically linked collection of photovoltaic modules. The modules are composed of multiple, interconnected solar cells.
- **CPV**: Concentrating photovoltaic.
- **CSP**: Concentrated Solar Power.
- **Megawatt (MW)**: A unit of power, equal to one million watts.
- **Power Plant**: Any electrical energy generating facility which either utilizes more than 5 acres of land regardless of its generating capacity, or any electrical energy generating facility with a generating capacity of greater than or equal to 10 megawatts or more, regardless of how much acreage is utilized, and any facilities appurtenant thereto, or any addition thereto increasing the existing design capacity of the facility by a combined 10 megawatts or more.
- **PPA**: Power Purchase Agreement.
- **PUC**: Public Utilities Commission.
- **PV**: Photovoltaic, the conversion of light into electricity.
- **Solar Cell**: the smallest element in a solar module, it is directly responsible for the conversion of light into electricity.
- **Solar Index**: the ratio of measured solar radiation to an expected number if the sky is clear, with an average clear sky day being 100%.
### Operating Facilities

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>Owner</th>
<th>Previous Owner</th>
<th>Status</th>
<th>Year Built</th>
<th>MW</th>
<th>Acres</th>
<th>Location</th>
<th>1041 Issued</th>
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<tbody>
<tr>
<td>-</td>
<td>Sun Edison</td>
<td>N/A</td>
<td>Operational</td>
<td>2007</td>
<td>8.2</td>
<td>80</td>
<td>8900 Lane 8 North</td>
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<td>Greater Sandhill Solar Farm</td>
<td>SunPower Corp</td>
<td>N/A</td>
<td>Operational</td>
<td>2011</td>
<td>19</td>
<td>200</td>
<td>7600 Rd 108 North</td>
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<td>San Luis Valley Solar Ranch</td>
<td>San Luis Solar LLC. (Iberdrola Renewables)</td>
<td>Aurora Solar LLC (SunPower Built)</td>
<td>Operational</td>
<td>2012</td>
<td>30</td>
<td>320</td>
<td>8200 Road 106 North</td>
<td>01/27/10</td>
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<td>Cogentrix of Alamosa, LLC. (Cogentrix Solar Services)</td>
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<td>30</td>
<td>223</td>
<td>4533 Lane 2 N</td>
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<td>Solar Star Colorado III, LLC. (SunPower Corp)</td>
<td>Meridian Energy USA, Inc.</td>
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<td>49.5</td>
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### Proposed Facilities

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<th>MW</th>
<th>Acres</th>
<th>Location</th>
<th>1041 Issued</th>
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<td>San Luis Valley Solar</td>
<td>San Luis Valley, LLC. (First Solar, Inc.)</td>
<td>1).Lincoln Renewable Energy (LRE Alamosa LLC) 2.) Sustainable Energy Development (SEDCo)</td>
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<td>Invenergy Solar Development LLC (Invenergy)</td>
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<td>Blanca Vista Solar Energy Facility</td>
<td>Aurora Solar, LLC (Iberdrola Renewables)</td>
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<td>577</td>
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