



U.S. Department of the Interior
Bureau of Land Management

Solar Project Descriptions

Fact Sheet—Phoenix District Office, Arizona

Pinyon Solar

265BH 8me LLC, a subsidiary of 8minute Solar Energy, applied to the BLM for a 30-year solar generation right-of-way grant to construct, operate, and maintain a 200-megawatt alternating current solar power generating and battery storage facility. The proposed facility would be on about 1,730 acres of federal lands managed by the BLM's Lower Sonoran Field Office. The project would be constructed using photovoltaic solar modules combined with an integrated battery energy storage system. Associated with the project, Pinyon Solar would construct, operate, and maintain a 500-kilovolt (kV) electrical generation interconnection (gen-tie) transmission line across BLM and private lands. The project would connect to the regional electrical grid at the Pinal West Substation via an overhead 500 kV gen-tie line. The line would run east then southeast for about 1.9 miles from the Pinyon Solar Project Substation to the Pinal West Substation, which is on private land in unincorporated Pinal County.

Vulcan 2 Solar

Naturgy Candela Devco, LLC, applied to the BLM for a solar generation right-of-way grant to construct, operate, and decommission a 650-megawatt alternating current solar power generating facility, with equivalent battery storage. The proposed facility would be on 4,525 acres of federal land managed by the BLM's Lower Sonoran Field Office. The project would be constructed using photovoltaic solar modules combined with an integrated battery energy storage system. Electricity generated by Vulcan 2 would be routed to the proposed Gillespie Solar Project's substation. This proposed substation would be in the Gillespie Solar Energy Zone (SEZ) if the applicant is able to secure a right-of-way grant for the SEZ and dependent on the decision reached under the National Environmental Policy Act. The substation would be located south of the project and would share the proposed Gillespie SEZ's 500-kilovolt transmission line (gen-tie) into the existing Hassayampa Substation located north of the project site. The applicant is currently conducting feasibility studies for the gen-tie alignment.

Western Tiger Solar

Ditat Deus Solar LLC, applied to the BLM for a solar generation right-of-way grant to construct, operate, and decommission a 650-megawatt alternating current solar power generating facility with up to 350-megawatts of battery storage. The proposed facility would be on about 5,946 acres of federal land managed by the BLM's Hassayampa Field Office. The project would be constructed using photovoltaic solar modules combined with an integrated battery storage system. The right-of-way application contains a larger area than required for the solar field to allow for adjustments in the facility layout to minimize environmental impacts, based on National Environmental Policy Act analysis. The power produced by the project would be conveyed to the Arizona Public Service (APS) transmission system. The project sponsor will submit an interconnection application to APS for 650 megawatts at the 230-kilovolt Sun Valley Substation. The applicant is currently conducting feasibility studies for the gen-tie alignment. If approved, the BLM grant for construction and operation of the project would be partially assigned to APS for construction and operation of related interconnection facilities and network upgrades.