



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

Solar Project Descriptions

Fact Sheet—Phoenix District Office, Arizona

Mariposa Solar

HQC Solar Holdings 1, LLC, applied to the BLM for a solar generation facility and connected transmission line on about 2,350 acres of federal lands within the BLM's Lower Sonoran Field Office in Maricopa County. The project would be constructed using photovoltaic solar modules combined with an integrated battery energy storage system. Associated with the project, HQC would construct, operate, and maintain, and eventually decommission a two-mile 230-kilovolt electrical generation interconnection (gen-tie) transmission line across BLM and private lands to a proposed substation on private lands with near a designated Section 368 energy corridor. Underground or overhead collector lines would gather electricity generated by the solar arrays and deliver it to the project substations. The collector lines would be located on BLM, private, and Arizona State Land Department lands.

West Valley North Solar

Boulevard Associates LLC, a subsidiary of NextEra Energy Resources, LLC applied to the BLM for a 1,400-megawatt solar photovoltaic facility paired with a battery electric solar system on approximately 8,452-acres of public lands administered by the BLM's Hassayampa Field Office in Maricopa County. The applicant's proposed gen-tie route is a new 14.89-mile 230 or 345-kilovolt (kV) and 500 kV line roughly following Interstate 10, of which 10.71 miles would be on BLM-administered lands. The line would be 500 kV between the Delaney Substation and a proposed new off-site substation. The remaining portion of the gen-tie line, between the off-site substation and the solar facility would be 230 or 345 kV. Additionally, 1.4 miles of the total route traverses a designated Section 368 energy corridor within BLM-administered lands immediately adjacent to I-10. The applicant has also included an alternate 16.60-mile gen-tie line, of which approximately 12.74 miles would be on BLM-administered lands. This line would bypass Burnt Mountain to the north, crossing over the Central Arizona Project canal twice. The voltage of this line would be the same as the proposed gen-tie.

West Valley South Solar

Boulevard Associates LLC, a subsidiary of NextEra Energy Resources, LLC applied to the BLM for a 1,100-megawatt solar photovoltaic facility paired with a battery electric solar system on approximately 6,329 acres of public lands administered by the BLM's Hassayampa Field Office in Maricopa County. The proposal would interconnect to the existing Delaney Substation via one of two potential generation interconnection (gen-tie) line options: the applicant's proposed gen-tie route is a new 11.39-mile 230 or 345-kilovolt (kV) and 500 kV line roughly following Interstate 10, of which 7.21 miles would be on BLM-administered lands. The line would be 500 kV between the Delaney Substation and a proposed new off-site substation (which serves as a switching station). The remaining portion of the gen-tie line, between the off-site substation and the solar facility would be 230 or 345 kV. 1.4 miles of the route traverses a designated Section 368 energy corridor within BLM-administered lands immediately adjacent to I-10. The applicant has also included an alternate 13.1-mile 230/500 kV single or double-circuit gen-tie line, of which 9.24 miles would be on BLM-administered

lands and would bypass Burnt Mountain to the north, crossing over the Central Arizona Project canal twice. The voltage of this line would be the same as the proposed gen-tie.

Atlas North Solar

Atlas North, LLC, a wholly owned subsidiary of 174 PG, LLC, which is a wholly owned subsidiary of Hanwha Energy USA Holdings Corp., applied to the BLM for a 100 megawatt solar generation facility on 640 acres of BLM-administered public land in southeastern La Paz County, about 25 miles southeast of Brenda and about 32 miles northwest of Tonopah, along the north side of Interstate 10. These generation facilities would be part of and surrounded by the 1,000-megawatt Atlas North Solar Project planned on Arizona State Land Department (ASLD) land. BLM Section 16 is identified as variance land in the BLM solar programmatic environmental impact statement and record of decision. The Atlas North Solar Project area encompasses 7,493 acres, including nearly 6,900 acres of ASLD land, as well as 640 acres of BLM-managed land. Proposed components on BLM Section 16 would include solar photovoltaic arrays, power conversion stations, collector lines, and access roads that would interconnect to the regional electricity grid as part of the Atlas North Solar Project. Other components of the solar and energy storage facility would be located on the surrounding ASLD lands and would be shared by the BLM Section 16 Project.