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ASU Solar

Overview Downtown campus Tempe campus Polytechnic campus West campus ASU Research Park Red Rock

Arizona State University has a comprehensive solar program responsible for over 50 MWdc equivalent solar generating capacity development from both onsite and off-site components. The on-site component extends to four campus locations and the ASU Research Park. The off-site component includes a major joint effort between ASU and APS at APS's Red Rock, Arizona site.

The following provides a brief overview of the on-site and off-site components. For more information regarding individual projects, please use the "Select a location" drop down menu to the upper right.

On-Site Program Milestones as March 31, 2017

Total Solar Generation Capacity: 24.1 MW equivalent

(PV: 21.8 MW; Solar thermal: 13,908 MMBTUs = 2.3 MW equivalent)

Total Equivalent kWh from Solar FY 2016: 41,305,722 kWh

Total Solar Systems: 88

(77 on Tempe campus; 3 on West campus; 2 on Downtown campus; 4 on Polytechnic campus; 2 at ASU Research Park)

Total Number of PV Panels Installed: 81,424
Total Number of CPV Modules Installed: 8,640
Total Number of Solar Collectors Installed: 7,840
Total Number of Shaded Parking Spaces: 5,952
Total Number of Shaded Stadium Seats: 828

ASU solar-system installations on the Tempe, West and Downtown Phoenix campuses are facilitated, in part, by Arizona Public Service's APS Renewable Energy Incentive Program. This program offers financial incentives to customers, such as ASU, who add renewable-energy systems to their homes and businesses. The program is funded by APS customers and approved by the Arizona Corporation Commission. Solar-system installations on the Polytechnic campus and ASU Research Park are facilitated, in part, by Salt River Project's SRP EarthWise Commercial Energy Incentive Program. This program offers financial incentives to customers, such as ASU, who add renewable-energy systems to their businesses. The program is funded by SRP customers and approved by the Arizona SRP Board.

Off-Site Program Milestones as of March 31, 2017

The ASU Red Rock Solar Project is a collaboration between ASU and APS in which APS constructed and operates a nearly 29 MWdc solar energy generating facility at Red Rock, Arizona and ASU will purchase 65,000 MWh of solar energy per year. ASU began receiving power in January 2017.

¹ ASU sells most of the renewable energy credits RECs associated with its on-campus solar projects in order to help third parties meet their renewable energy goals and to help finance the construction of these projects. However, in order to meet its own sustainability goals, ASU purchases RECs from various renewable energy sources.

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Contact

General Information

Questions or Comments for the ASU Solar Team

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