

SunPower To Begin Construction on Solar Power Plant at U.S. Army Post Redstone Arsenal

Plant Expected to Generate Up to 18,000 Megawatt Hours Per Year

08:00 ET from [SunPower Corp.](#)

SAN JOSE, Calif., June 3, 2016 /PRNewswire/ -- SunPower Corp. (Nasdaq: [SPWR](#)) announced today that it expects to start construction this month on a 10-megawatt (DC) photovoltaic solar power plant that is expected to generate up to 18,000 megawatt hours per year for the Redstone Arsenal U.S. Army post in Alabama. SunPower is delivering the energy from the plant under a power purchase agreement, allowing the Army to buy 100 percent of the power generated by the plant and avoid the costs of power plant construction, maintenance and operation.

"This represents a continuation of the Army's deployment of renewable energy at installations across the country. It is symbolic of the changing dynamics of energy produced in the United States, especially in the Southeast," said Richard Kidd, deputy assistant secretary of the Army (Energy and Sustainability). "The project substantially increases the amount of installed solar power in Alabama at no additional cost to consumers. It is also testament to what the Army can accomplish by working with industry stakeholders such as SunPower, local officials, and other partners such as the U.S Army Corps of Engineers and Redstone Arsenal."

"Every renewable energy project we implement brings our Army closer to its energy goals and further strengthens our energy security," said former Col. Robert Ruch, Huntsville Center commander. "Under this agreement, we are benefitting from cost-competitive, reliable solar power without the upfront costs of asset ownership."

"Solar is cost-competitive with traditional energy sources today, and is helping the U.S. military reduce operational costs," said Howard Wenger, SunPower president, business units. "We commend Redstone Arsenal for managing its significant energy demand by relying on abundant, renewable solar power. The high performance SunPower® technology we are installing for the agency will maximize energy production over the long term."

The innovative project, developed by Redstone Arsenal's Directorate of Public Works, the U.S. Army Office of Energy Initiatives and the U.S. Army Corps of Engineers - Huntsville Center's Energy Division, is the

first power purchase agreement project solicited through a renewable and alternative energy Multiple Award Task Order Contract (MATOC) awarded by Huntsville Center. It will involve a 27-year Renewable Energy Services Agreement and lease with SunPower, which has designed the project, and will construct, operate and maintain it.

Under the power purchase agreement, SunPower will deliver approximately 18,000 megawatt hours of electricity to the Army annually. All electricity generated by the plant will be purchased at a cost equal to or less than Redstone Arsenal's current and projected utility rates. The solar system is also being designed as micro-grid ready so it may be connected to a future micro-grid and thereby contribute to the overall energy security of the installation.

SunPower designed and is installing a SunPower® Oasis® Power Plant system at the site. The Oasis system is a fully-integrated, modular solar power block that is engineered for rapid and cost-effective deployment of utility-scale solar projects while optimizing land use. The technology includes robotic solar panel cleaning capability that uses 75 percent less water than traditional cleaning methods and can help improve system performance by up to 15 percent.

SunPower calculates the annual output from the power plant will be equal to the electricity needed to power approximately 5,400 electric vehicles. The plant is expected to offset the equivalent amount of annual carbon emissions as 10,000 acres of U.S. forests can neutralize in one year, according to estimates provided by the U.S. Environmental Protection Agency.

The U.S. Army has a goal to derive 25 percent of total energy consumed from renewable sources by 2025, as well as a commitment to deploy one gigawatt of renewable energy on Army installations by 2025.

SunPower has installed more than 100 megawatts of solar power at 33 federal government project sites, including some of the largest operating solar power plants on U.S. military installations. Operational projects

include more than 28 megawatts at Nellis Air Force Base in Nevada and 13.78 megawatts at Naval Air Weapons Station China Lake in California.

About SunPower

As one of the world's most innovative and sustainable energy companies, SunPower (Nasdaq: [SPWR](#)) provides a diverse group of customers with complete solar solutions and services. Residential customers, businesses, governments, schools and utilities around the globe rely on SunPower's more than 30 years of proven experience. From the first flip of the switch, SunPower delivers maximum value and superb performance throughout the long life of every solar system. Headquartered in Silicon Valley, SunPower has dedicated, customer-focused employees in Africa, Asia, Australia, Europe, and North and South America. For more information about how SunPower is changing the way our world is powered, visit www.sunpower.com.

Forward-Looking Statements

This press release contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995, including, but not limited to, statements regarding expected project timelines, projected energy output, and expected cost savings. These forward-looking statements are based on our current assumptions, expectations and beliefs and involve substantial risks and uncertainties that may cause results, performance or achievement to materially differ from those expressed or implied by these forward-looking statements. Factors that could cause or contribute to such differences include, but are not limited to: regulatory changes and the availability of economic incentives promoting use of solar energy, challenges inherent in constructing and maintaining certain of our large projects, and fluctuations or declines in the performance of our solar panels and other products and solutions. A detailed discussion of these factors and other risks that affect our business is included in filings we make with the Securities and Exchange Commission (SEC) from time to time, including our most recent reports on Form 10-K and Form 10-Q, particularly under the heading "Risk Factors." Copies of these filings are available online

from the SEC or on the SEC Filings section of our Investor Relations website at investors.sunpowercorp.com. All forward-looking statements in this press release are based on information currently available to us, and we assume no obligation to update these forward-looking statements in light of new information or future events.

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