



NRG Energy's Solar Portfolio Surpasses 1,200 Megawatts

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— Output supports nearly one million homes; more than doubles 2012 total —

PRINCETON, N.J.--(BUSINESS WIRE)--Mar. 28, 2014-- [NRG Energy, Inc.](#) (NYSE:NRG) through its subsidiaries including [NRG Yield, Inc.](#) (NYSE:NYLD) and [NRG Solar](#), one of the nation's largest solar developers, now owns and operates more than 1,200 megawatts (MW) of solar capacity. Through these facilities, NRG helps power nearly one million homes at full output with clean, renewable solar energy, which is helping reinvent the US energy ecosystem.

"The completion of our most ambitious projects yet, and the commercial availability of the clean power they produce, clearly positions NRG as one of the largest and most progressive companies in the energy space today," said Tom Doyle, President, NRG Solar. "As we look forward to 2014 and beyond, we'll continue to help reshape the US energy landscape with our thriving renewable energy portfolio, as well as looking at more opportunities outside the US."

NRG Solar's portfolio of thermal and photovoltaic (PV) projects has more than doubled since the end of 2012. These projects use innovative technology and construction processes to achieve world-class results. NRG Solar's four largest projects have all achieved full completion in the past 10 months:

- [Ivanpah Solar Electric Generating System](#): The world's largest concentrated solar thermal power (CSP) plant with an output of 392 MW, Ivanpah provides energy for more than 310,000 homes at peak capacity.
- [Agua Caliente](#): One of the world's largest solar photovoltaic (PV) plants with an output of 290 MW provides energy for more than 230,000 homes at peak capacity
- [California Valley Solar Ranch](#): Producing energy up to 250 MW to power 200,000 homes at peak capacity
- [Alpine](#): The first large-scale solar plant built in Los Angeles County, with an output of 66 MW providing energy for nearly 53,000 homes at peak capacity

In 2014, NRG has completed solar installations at four NFL stadiums – [FedExField](#), [MetLife Stadium](#), [Lincoln Financial Field](#) and [Patriot Place at Gillette Stadium](#), with a fifth under construction at [Levi's Stadium](#) in California. Later this year, NRG will also be completing work on the Community project in California's Imperial Valley as well as a rooftop installation for [MGM's Mandalay Bay Convention Center](#) in Las Vegas. Work will also begin on three Starwood Resort and Hotel properties in Scottsdale, Arizona; Maui, Hawaii; and on the island of St. John in the US Virgin Islands.

In an effort that began with NRG's philanthropic efforts in [Haiti](#), NRG has continued to develop opportunities outside of the US. Earlier this month, the company announced the groundbreaking of a 25 MW installation called [Dandan](#) that will be Guam's first solar power plant, and last month announced an agreement with Virgin Limited Edition to power [Necker Island](#) with a renewable energy-driven micro-grid solution.

As a whole, the solar electric market continued its upward trajectory in 2013. In the US 4,751 MW of solar PV was installed in 2013, up 41% over 2012 and nearly 15 times the amount installed in 2008. Twenty-nine percent of all new electricity generation capacity added this year in the US came from solar – with seven states getting 100% of their new generation from solar. California, where NRG Solar is headquartered, leads the nation in installed solar generation with 5,231 MW.

According to the Solar Energy Industries Association (SEIA), a new solar project is installed in the US every four minutes, and the nearly 13,000 MW of solar energy generated on American soil displaces approximately 12.6 million metric tons of carbon annually, the equivalent of removing 2.6 million cars from the road. The industry is [on pace for another record year](#), with close to 6,000 MW of PV and nearly 900 MW of concentrating solar power (CSP) scheduled to come online in 2014.

About NRG and NRG Solar

NRG is leading a customer-driven change in the U.S. energy industry by delivering cleaner and smarter energy choices, while building on the strength of the nation's largest and most diverse competitive power portfolio. A Fortune 500 company, we create value through reliable and efficient conventional generation while driving innovation in solar and renewable power, electric vehicle ecosystems, carbon capture technology and customer-centric energy solutions. Our retail electricity providers – Reliant, Green Mountain Energy, Energy Plus and NRG Residential Solutions – serve more than 2 million residential and commercial customers throughout the country. More information is available at [nrgenergy.com](#) and [nrgsolar.com](#). Connect with NRG Energy and NRG Solar on Facebook and follow us on Twitter [@nrgenergy](#) and [@nrgsolar](#).

NRG Safe Harbor Disclosure

This news release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Such forward-looking statements are subject to certain risks, uncertainties and assumptions and include NRG's expectations regarding the Company's solar projects and forward-looking statements typically can be identified by the use of words such as "will," "expect," "believe," and similar terms. Although NRG believes that its expectations are reasonable, it can give no assurance that these expectations will prove to have been correct, and actual results may vary materially. Factors that could cause actual results to differ materially from those contemplated above include, among others, general economic conditions, hazards customary in the power industry, competition in wholesale power markets, the volatility of energy and fuel prices, failure of customers to perform under contracts, changes in the wholesale power markets, changes in

government regulation of markets and of environmental emissions, and our ability to achieve the expected benefits and timing of our solar projects. NRG undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. The foregoing review of factors that could cause NRG's actual results to differ materially from those contemplated in the forward-looking statements included in this news release should be considered in connection with information regarding risks and uncertainties that may affect NRG's future results included in NRG's filings with the Securities and Exchange Commission at www.sec.gov.

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