



Construction is expected to last until July 2014, when the blades of the project will start spinning in the strong Panhandle wind, delivering renewable energy to the Pantex Plant. The PREP groundbreaking will start at 10 a.m. August 13 at the Pantex Plant, located 17 miles northeast of Amarillo, Texas; north of U.S. Highway 60 on Farm-to-Market



Pantex Renewable Energy Project. The project, referred to as PREP, will provide more than half of the annual electricity for Pantex when it goes live in approximately July 2014. When complete, it will be the largest federally owned wind farm in the country. Photo by Mark Smith 2



Since the summer of 2014, the Pantex Renewable Energy Project or "wind farm" has allowed the site to consistently exceed DOE goals for using renewable energy and reducing energy-related greenhouse gas emissions. The wind farm also provides both Pantex and Y-12 with renewable energy credits, which help exceed DOE sustainability goals.

# PANTEX RENEWABLE ENERGY PROJECT



Construction Begins on New Administrative Support Complex at Pantex; Deadline Approaching for Pantex Christmas Project; Enterprise Resource Planning; FIRP Work Concludes at Pantex; IPRO Goes Live at Pantex; Introduce a Girl to Engineering event; Massive Renewable Energy Project Comes to Pantex; Media Statement; NNSA Achieves 50 Percent



First Blade Delivered to Pantex Renewable Energy Project; Forecast calls for severe weather safety; Former Strategic Command chief emphasizes importance of Pantex, Y-12 missions; From sea to shining CNS: Employees share ???



The Pantex Renewable Energy Project (PREP) was designed to generate more than 47 million kilowatt-hours of electricity annually, which is enough to power nearly 3,500 homes. In the first 10 months of operation, the Pantex Wind Farm has produced more than 43,043,000 kWh of electricity; enough energy to satisfy approximately 63 percent of the

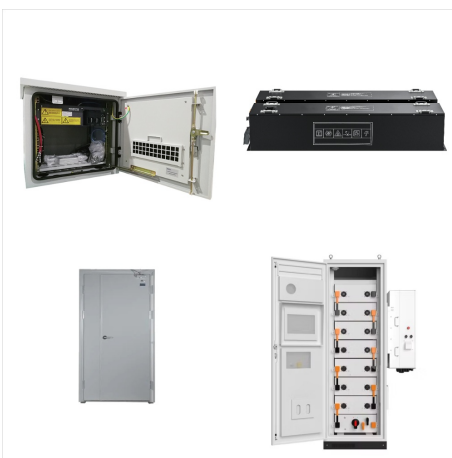
# PANTEX RENEWABLE ENERGY PROJECT



Energy savings from the wind farm is estimated at \$2.5 million annually, and the project will enable Pantex to meet the President's energy initiatives for green energy. In fact, according to Guelker, the wind farm at Pantex will allow NNSA to ???



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Floodplain Assessment and Statement of Findings for the Pantex Renewable Energy Project Windfarm Electrical Feed to the North Main Substation. The DOE National Nuclear Security Administration (DOE/NNSA) Pantex Plant issued a floodplain assessment and Statement of Findings for the Pantex Renewable Energy Project (PREP) Windfarm Electrical Feed

# PANTEX RENEWABLE ENERGY PROJECT



The core of the agreement signed Thursday is the new Pantex Renewable Energy Project (PREP), a five-turbine, 11.5 megawatt wind farm that is being built on federal land east of the main Pantex Plant. The project is expected to be completed this summer and will provide about 60 percent of the plant's annual electrical energy needs.



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Reducing energy intensity Pantex has reduced energy intensity by 20 percent since 2015 primarily through the use of the Pantex Renewable Energy Project or "wind farm." Energy intensity is the amount of energy used per square foot of plant's foot print. By 2025, the goal is to reduce energy intensity by 25 percent from the 2015 baseline.

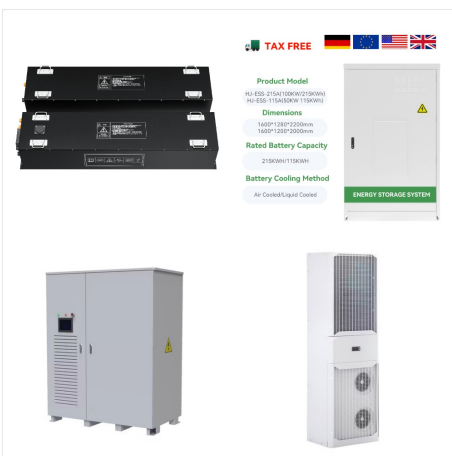
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Employing renewable energy Since the summer of 2014, the Pantex Renewable Energy Project (PREP) has allowed the site to consistently exceed DOE goals for using renewable energy and reducing energy-related greenhouse gas emissions. The wind farm also provides both Pantex and Y-12 with renewable energy credits, which help exceed DOE



The visitors joined NNSA Production Office and B&W Pantex leaders, as well as representatives from project contractor Siemens Government Technologies Inc., in signing one of the massive wind turbine blades that will become part ???



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# PANTEX RENEWABLE ENERGY PROJECT



The Pantex Plant is a U.S. Department of Energy/ National Nuclear Security Administrations (USDOE/NNSA) owned facility managed by Consolidated Nuclear Security, LLC (CNS) under contract DE-NA0001942. The facility is located in Carson County, Texas. The Pantex Renewable Energy Project (PREP) Windfarm Electrical Feed to the North Main Substation



First Blade Delivered to Pantex Renewable Energy Project; Forecast calls for severe weather safety; Former Strategic Command chief emphasizes importance of Pantex, Y-12 missions; From sea to shining CNS: Employees share experiences from working with a U.S. president;



NNSA administrator makes first Pantex visit to inaugurate PREP. The largest federally owned wind farm in the country will officially commence operations Tuesday when Gen. Frank G. Klotz, Under Secretary for Nuclear Security and National Nuclear Security Administrator makes his first official visit to Pantex to "throw the switch" on the Pantex Renewable Energy ???

# PANTEX RENEWABLE ENERGY PROJECT



7 Ways Pantex Helps the Environment; 7 Ways Pantex Protects the Environment; 7 Ways Pantex Protects the Environment; A STEM tradition continues; A lasting legacy treating Pantexans; A smokin" good time; A tiny house that STEMs from big hearts; A variety of wildlife calls Pantex home; A viral target: Cyberattacks on COVID-19; Admiral Haney



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Massive Renewable Energy Project Comes to Pantex; Media Statement; For more information on each site, visit or Follow Pantex on Facebook, X or LinkedIn. Follow Y-12 on Facebook, X, and LinkedIn. CONTACT Steve Myers Communications Office (806) 573.6032

# PANTEX RENEWABLE ENERGY PROJECT



The Pantex Renewable Energy Project, a first in the NNSA enterprise, will consist of five 2.3 megawatt Siemens wind turbines located on 1,500 acres of government-owned property east of the main Pantex Plant. Energy savings from the wind farm are expected to average \$2.8 million annually over the 18-year contract term.



Increase the amount of renewable energy used on-site with construction of the Pantex Renewable Energy Project feeder line to the North substation. Incorporate the new rules from the Energy Act of 2020 into the site's existing compliance program addressing requirements under the Energy Independence and Sustainability Act, including audit



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In 2013, we broke ground on an 11.5-megawatt wind farm, the Pantex Renewable Energy Project, or PREP in Amarillo, Texas. Five turbines began producing electricity in 2014 and were quickly able to generate more than 60 percent of the Pantex Plant's annual electricity needs. This is the equivalent of taking over 7,000 cars off the road, or