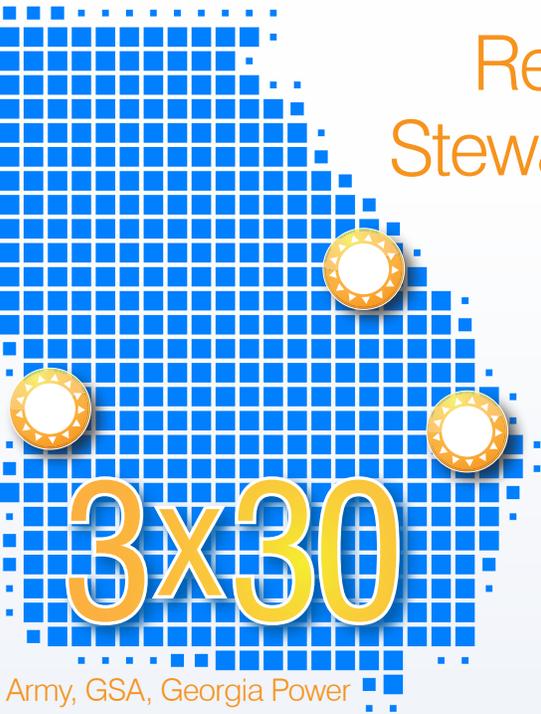


GEORGIA



Bringing Large-Scale Renewable Energy to Forts Stewart, Gordon and Benning

Additional Georgia 3x30 Details

- There would be no change in the Army's utility rates or costs resulting from this initiative.
- The Army would continue to purchase power through the existing 10-year GSA Areawide Contract with Georgia Power.
- Approximately 250 acres have been identified as potential development sites at each of the installations.
- The Army and Georgia Power would enter into a 35-year easement to facilitate the project.
- The Army is one of Georgia Power's largest consumers of electricity.
- The on-site renewable Georgia 3x30 project represents 18 percent of the energy the Army consumes in Georgia.
- By 2016, Georgia Power projects it will have a solar portfolio of almost 900 MW – the largest voluntary solar portfolio in the nation and designed to prevent upward pressure on customer rates.
- A subsidiary of Southern Company and regulated investor-owned utility in Georgia, Georgia Power will finance, design, build, own and operate each solar PV array.
- A platform for energy security, Georgia 3x30 would enable all three installations to achieve greater resilience and sustainability. Energy security criteria includes:
 1. Supply: Accessing alternative and renewable energy sources available on installations
 2. Sustainability: Supportable and affordable energy for our Soldiers and facilities
 3. Surety: Preventing loss of access to power and fuel sources
 4. Sufficiency: Providing adequate power for critical missions
 5. Survivability: Ensuring resilience in energy systems

U.S. Army Energy Initiatives Task Force (EITF) and Georgia Power are developing three 30 megawatt (MW) alternating current (AC) photovoltaic (PV) solar arrays to be located at Forts Stewart, Gordon and Benning—collectively referred to as “Georgia 3x30.”

The Army continues to expand its energy security portfolio, and anticipates Georgia 3x30 to be its largest solar project to date. This growth is facilitated by innovative, large-scale renewable energy partnering opportunities between the military, other federal agencies, private industry and utilities.

The EITF, Fort Stewart, Fort Gordon, Fort Benning, General Services Administration (GSA) and Georgia Power are working to advance the Army nine percent closer to the Army's commitment to the President of deploying one gigawatt of renewable energy by 2025. This also contributes to achieving mandates identified in Congress' 2007 National Defense Authorization Act for the Army to consume 25% of its electricity from renewable sources by 2025.

Groundbreakings for the three projects are being planned for late 2014 with operations anticipated in 2015 and 2016.

Direct current (DC) is the power generated by PV solar arrays while alternating current (AC) is the power consumed by the public. Inverters are used to change the power generated in DC to AC power to be consumed. Losses happen during conversion.



About EITF

The Army EITF was established to centrally manage, develop and execute large-scale, renewable energy projects, 10 MW or greater, leveraging private financing. Renewable energy produced on Army installations increases energy security, enhances mission effectiveness and provides a means to temper rising energy costs. It also contributes to the flexibility of the electricity system and its resistance to power spikes. The EITF currently has 11 projects located at nine installations across seven states, which are in the contract or acquisition process. These potential projects represent a potential capacity of over 265 MW of electricity.

About the Installations

Fort Stewart

- Fort Stewart is the largest Army installation east of the Mississippi River with 279,271 acres of land.
- Hunter Army Airfield, which is part of Fort Stewart, is home to the Army's longest runway on the East Coast (11,375 feet) and the Truscott Air Deployment Terminal.
- Fort Stewart has two small-scale biomass projects.
- Installation peak electricity demand is approximately 62 MW (AC).

Fort Gordon

- Fort Gordon is home to the U.S. Army Cyber Center of Excellence and several Army, Marine, Navy, Air Force and Department of Defense organizations and activities performing on-going regional and worldwide missions including communications, military intelligence, cyber operations, medical and dental care, force integration, and mobilization.
- More than 15,500 military students from all four military services, as well as Coast Guard and international military students, received training in Signal and Cyber skills at Fort Gordon in FY2013.
- Fort Gordon supports an extended military community of more than 105,000 military personnel, civilian employees, family members and retirees in the Central Savannah River area of Georgia.
- Thirteen buildings on Fort Gordon currently have ground source heat pumps installed, with new barracks construction planned to include these energy efficient systems for heating and cooling.
- Installation peak electricity demand is approximately 37 MW (AC).

Fort Benning

- Fort Benning is home to the Maneuver Center of Excellence, the Armor and Infantry schools and subordinate brigades.
- More than 120,000 Soldiers, family members, military retirees, civilians and contractors live, work and use services on Fort Benning.
- Fort Benning has six small-scale, renewable energy projects: three solar, one ground source heat pump, one biogas and one wind.
- Installation peak electricity demand is approximately 73 MW (AC).

About GSA

The mission of GSA is to deliver the best value in real estate, acquisition, and technology services to government and the American people. GSA is responsible for enhancing the U.S. federal government's workplace by managing assets, delivering maximum value in acquisitions, preserving historic property, implementing technology solutions and promoting efficient government operations. GSA's acquisition solutions supply federal purchasers with cost-effective, high-quality products and services from commercial vendors. GSA was established by President Harry Truman on July 1, 1949, to streamline the administrative work of the federal government.

About Georgia Power

Georgia Power is the largest subsidiary of Southern Company (NYSE: SO), the premier energy company serving the Southeast through its subsidiaries. Value, Reliability, Customer Service and Stewardship are the cornerstones of the company's promise to 2.4 million customers in all but four of Georgia's 159 counties. Committed to delivering clean, safe, reliable and affordable energy at rates below the national average, Georgia Power maintains a diverse, innovative generation mix that includes nuclear, advanced coal and natural gas, renewables such as solar, hydroelectric and wind, as well as a variety of energy efficiency programs. Consistently recognized as a leader in customer service, Georgia Power was recently ranked highest in overall business customer satisfaction among large utilities in the South by J.D. Power and Associates.

To continue the discussion and follow Georgia 3x30 updates on social media, please use #HOOAHenergy.

