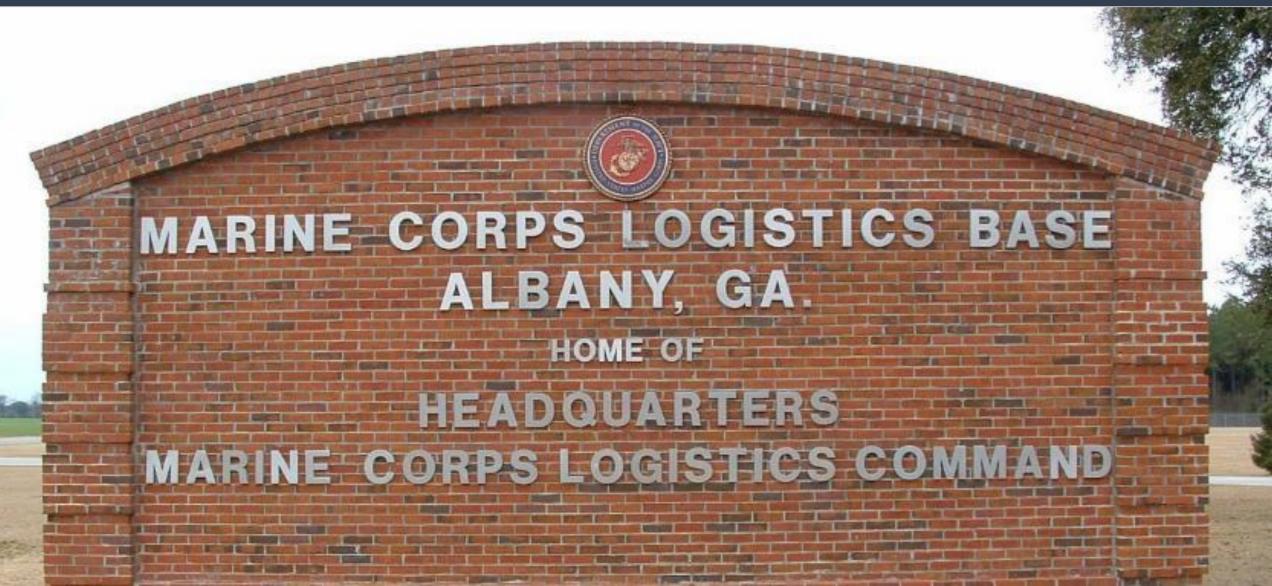
ESPC PROJECTS AT MCLB ALBANY







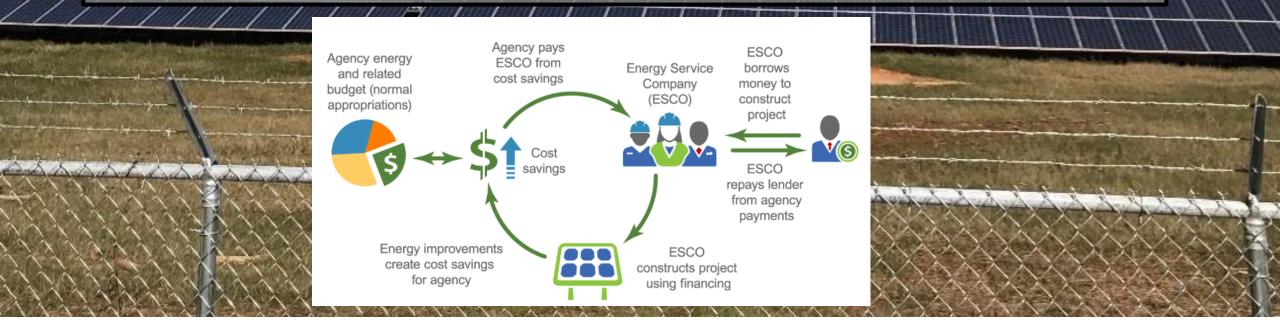
MARINE CORPS LOGISTICS BASE ALBANY IS:

- Small but essential
- CRITICAL to supplying the Marine Corps mission
- The model installation for ENERGY RESILIENCY
- Soon to be energy <u>NET ZERO</u>

What YOU do is IMPORTANT
Everyday a MARINE'S LIFE
will depend on it!

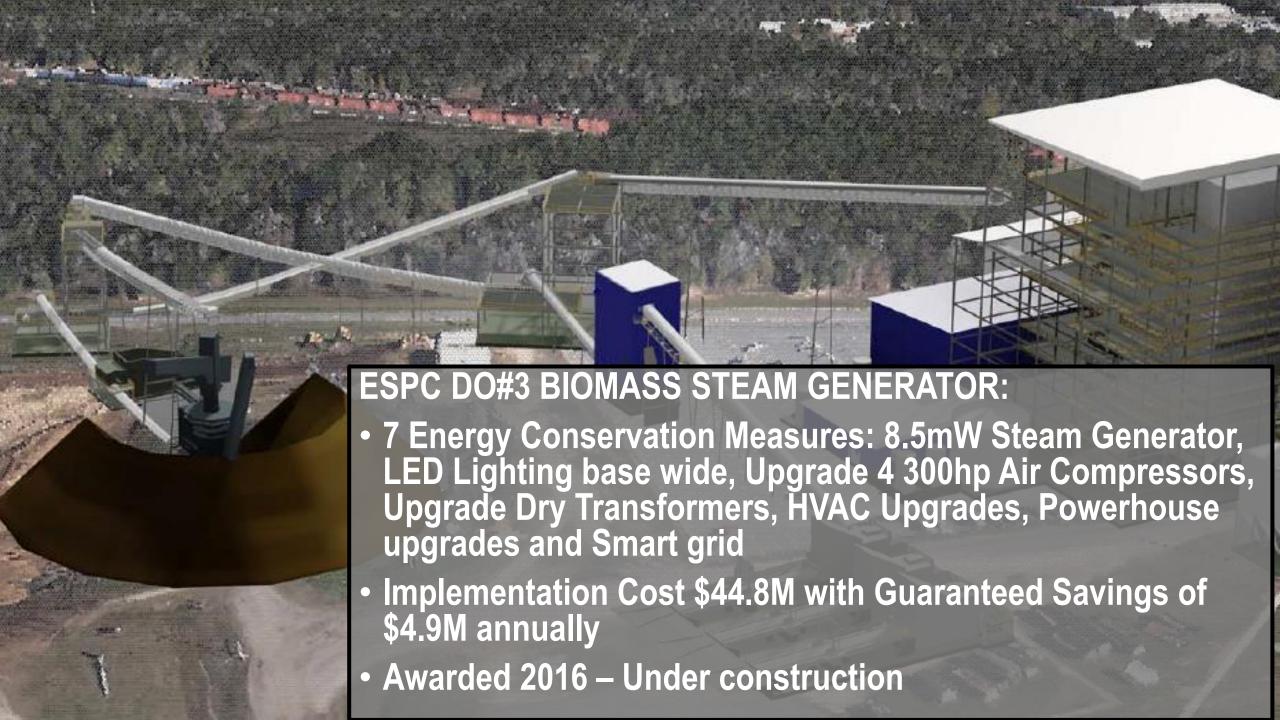


- Energy Savings Performance Contracts (ESPCs) allow federal agencies to procure energy savings and facility improvements with no up-front capital costs or special appropriations from Congress. An ESPC is a partnership between an agency and an Energy Service Company (ESCO).
- Since the inception of U.S. Department of Energy (DOE) indefinite-delivery, indefinite-quantity (IDIQ) ESPCs in 1998, agencies have used the ESPC contracting vehicle to significantly reduce energy and operating costs and make progress toward meeting federal sustainability goals
- The Federal Energy Management Program (FEMP) provides agencies with expert assistance, guidance, and training to help them implement ESPC projects that are technically excellent, legally sound, and a good deal for the government. FEMP is authorized by statute to establish appropriate procedures and methods for use by federal agencies with regard to the ESPC program.
- https://www.energy.gov/eere/femp/energy-savings-performance-contracts-federal-agencies









Other Energy Initiatives at MCLB:

- In 2016 MCLB and Georgia Power partnered to install a 31 mW
 Solar Farm
- Received a DOE AFFECT Grant to put toward the implementation of the ESPC DO#3 Net-Zero
- Exploring adding 15mW to Solar Farm (Base owned) that will supplement the Net-Zero initiative
- Researching the possibility of buying Renewable Natural Gas (RNG) to supplement renewable fuel for Landfill gas generator #2
- Investigating the implementation of Battery Storage to increase energy resiliency at MCLBA
- Borehole Thermal Energy Storage (BTES) constructed in 2016 success of this project led to BTES- 2/3/4 being under construction now



Steps to implement an ESPC:

- There are 16 ESCO's that are certified to perform ESPC's
- Put out a notification that you are interested in doing an ESPC at your base or facility
- The ESCO's will ask to come and do an initial energy survey (This survey is free) to determine what energy conservation measures would work
- You would then go though all the initial survey results to see which ESCO's you would want to come to your base/facility to give a presentation of their proposal (2 or 3 proposals)
- Pick the ESCO with the best proposal to come to the base/facility and do a detail energy survey to determine if the proposed ECM's will work
- The ESCO will present the detail survey proposal and you pick which ECM's you would like from them to implement
- ESPC's have Guaranteed Savings and the ESCO buys the equipment to be installed and performs the annual Measurement and Verification to be sure the ECMs are saving the amount of energy that was promised The ESCO is paid from the savings from the ECMs





QUESTIONS?

Presented by Eddie Hunt Installation Energy Manager (229) 639-5979