FEDERAL UTILITY PARTNERSHIP WORKING GROUP SEMINAR
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Marine Corps Process for UESC Project Acquisition
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Hosted by:
FEMP
Federal Energy Management Program
Dominion Energy®
HQMC’s Energy Project Process

HQMC Energy is a centralized program.

This means, if it relates to energy projects, I manage it. Includes: UESC, ESPC, Energy Investment Program, PPA, EUL, and Energy MILCON.
HQMC’s Energy Project Process

Project Initialization

1. Informal call between installation and HQMC
   - Includes pre- and post-funding discussion
2. Formal requirements letter sent to HQMC via installation/region
   - Signatures on letter will formally document project request
3. HQMC provides approval letter to installation/region and requests Naval Facilities Engineering Command (NAVFAC) to begin project development
Next Steps to Award

1. Kick-off meeting addressing resilience as a priority

2. Preliminary Assessment (PA)
   - Once completed, installation/region routes letter to HQMC requesting to move forward with Feasibility Study (FS)/Investment Grade Audit (IGA)

3. FS/IGA
   - Installation/region sends letter confirming FS/IGA approval to HQMC
   - HQMC sends NAVFAC letter to proceed with award
Supporting the Warfighter by Enhancing Energy Resilience

“We’re not chasing energy goals.”
On an ending note… this is how the Services handle weather conditions.
Third-Party Financing Efforts Across the USMC
Energy resilience is a utility’s core competency
2018 Hurricane Season Brought Devastation to the Southeast U.S.
What We Do

• Combine funding sources
• Use energy efficiency savings to pay for resilience upgrades
• Leverage approved future projects as cost avoidance
• Make changes to scope of work without having to re-advertise
• Maximize the term of the contract
How We Currently Finance Resilience

- Bundle shorter payback energy conservation measures (ECM) to pay for resilience:
  
  **Shorter**
  - Lighting
  - HVAC
  - Retro-Commissioning
  - Water Efficiency
  
  **Longer**
  - Microgrids
  - SCADA
  - Storage
  - Utility Upgrades

- Marine Corps considers these ECMs as one project – not individual efforts
Many People Ask Me, Why a UESC?

• A long-term relationship between an installation and utility means:
  – An understanding of future growth
  – Knowing how new projects may/or may not impact an installation
  – Communicating and sharing what the Public Utilities Commission is promoting
  – An awareness of aging infrastructure (electric, gas, steam, water) and where single points of failure may be located
Many People Ask Me, Why a UESC?

Plus, UESCs are normally faster to execute.

But they are not without challenges...
• NAVFAC is our contracting agency
  – Extremely difficult to go outside the Department of Navy and use Defense Logistics Agency or Army Corps
• Bandwidth issues due to competing priorities
• Varied UESC experience throughout NAVFAC
• NAVFAC does not have a centralized or standardized UESC process throughout each region
Reminder of our Priorities

Supporting the Warfighter
By Enhancing
Energy Resilience

I leave you with this....