

FEDERAL UTILITY PARTNERSHIP WORKING GROUP SEMINAR

November 7-8, 2018
Herndon, VA

Marine Corps Process for UESC Project Acquisition

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Hosted by:





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**



HQMC's Energy Project Process

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



USMC Priorities

Supporting the Warfighter by Enhancing Energy Resilience

“We’re not chasing energy goals.”





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.



Courtesy: NASA Johnson























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...



UESC Acquisition/Contracting 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....

CAMP LEJEUNE

HOME OF
EXPEDITIONARY
FORCES IN READINESS

