

The Benefits of Utility Based Partnerships

Panel Members



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Agenda

- Introduction of Panel Members
- DASN Leadership Perspective
- Navy Region Southeast
- Overview of Naval Submarine Base New London
- Overview of Fort Johnson
- Questions from Audience

Department of Navy Viewpoints on the Importance of Utility Partnerships

- DoN Priority Areas
 - Climate/Energy Resiliency
 - Critical Infrastructure
 - Community Partnerships
- Update on 30-year DoN Infrastructure Plan
 - Address the most pressing infrastructure challenges and identify long-term priorities.

Navy Region Southeast Opportunities

- Utility Challenges the SE Region is Facing.
- How Partnerships Can Help Solve Some of the Most Challenging Unfunded Requirements.
- Types of Partnership Authorities to Help Address Identified Gaps
 - IGSA, USC, DCIP
- Examples of Successful Partnerships

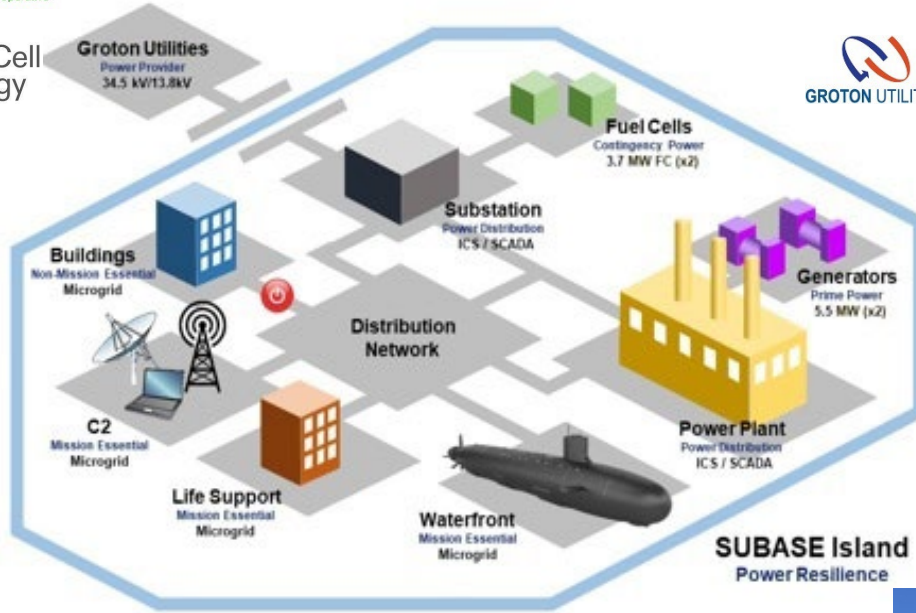
Naval Submarine Base New London

Groton Utilities (GU) IGSA - GU Municipally owned / 16K Customers

- ❖ Gives SUBASE Access to Utility Experts
- ❖ Utilize GU for:
 - Water System Services (hydrant flushing) **\$40K SUBASE vs \$17K GU**
 - Water Testing (family housing) **\$67K+ SUBASE vs \$49K GU**
 - Emergency Response
 - Annual Preventative Maintenance
 - Backflow Prevention inspection and maintenance
 - Professional Services including engineering work and/or completing future projects.



Naval Submarine Base New London



- **Enhanced Use Lease:**
 - **\$37M**— 1st ROR Power + 1M Equip. **7.4MW**
 - **Energy Savings Performance Contract:**
 - **\$82M**— Comb. Heat and Power **10.75MW**
 - **Energy Savings Performance Contract Mod:**
 - **\$5.2M** Micro Grid to Island off SUBASE
 - W/Cyber Security built-in
- \$124M Invested in SUBASE—\$0 Cost to Navy!***

Naval Submarine Base New London

- Installation Resilience Grant Program

Received funding for final designs:

- \$20K - Upgraded gas feed to SUBBASE
- \$132K - New water main in town feeding SUBBASE and surrounding areas.
- \$356K - Main electrical feed replacement

Plus:

- \$50K for tabletop exercises with community
- Administrative expenses for the COG



U.S. Department of Defense
Office of Local Defense
Community Cooperation



SCCOG

Southeastern Connecticut
Council of Governments

Fort Johnson – Utility Energy Service Contract

Highlights of UESC with CenterPoint Energy

- \$21.6 Million
- 4 CEP Boiler Upgrades
- UMCS and DDC (12 Bldgs.), Occupancy Based HVAC Controls (43 Bldgs.)
- Upgrades to Geronimo DFAC HVAC and ventilation systems
- Lighting System Upgrades (131 Bldgs.)

Timeline

2013 – Project Development Begin, Energy Audits

2014 – Prelim Submissions, IMCOM Reviews

2015 – 2018 Army Paused

2019 – Partner Selected

2020 – Covid Pause

2021 – Final ECM List Selection

2022 – Feasibility Study, Life Cycle Cost Analysis

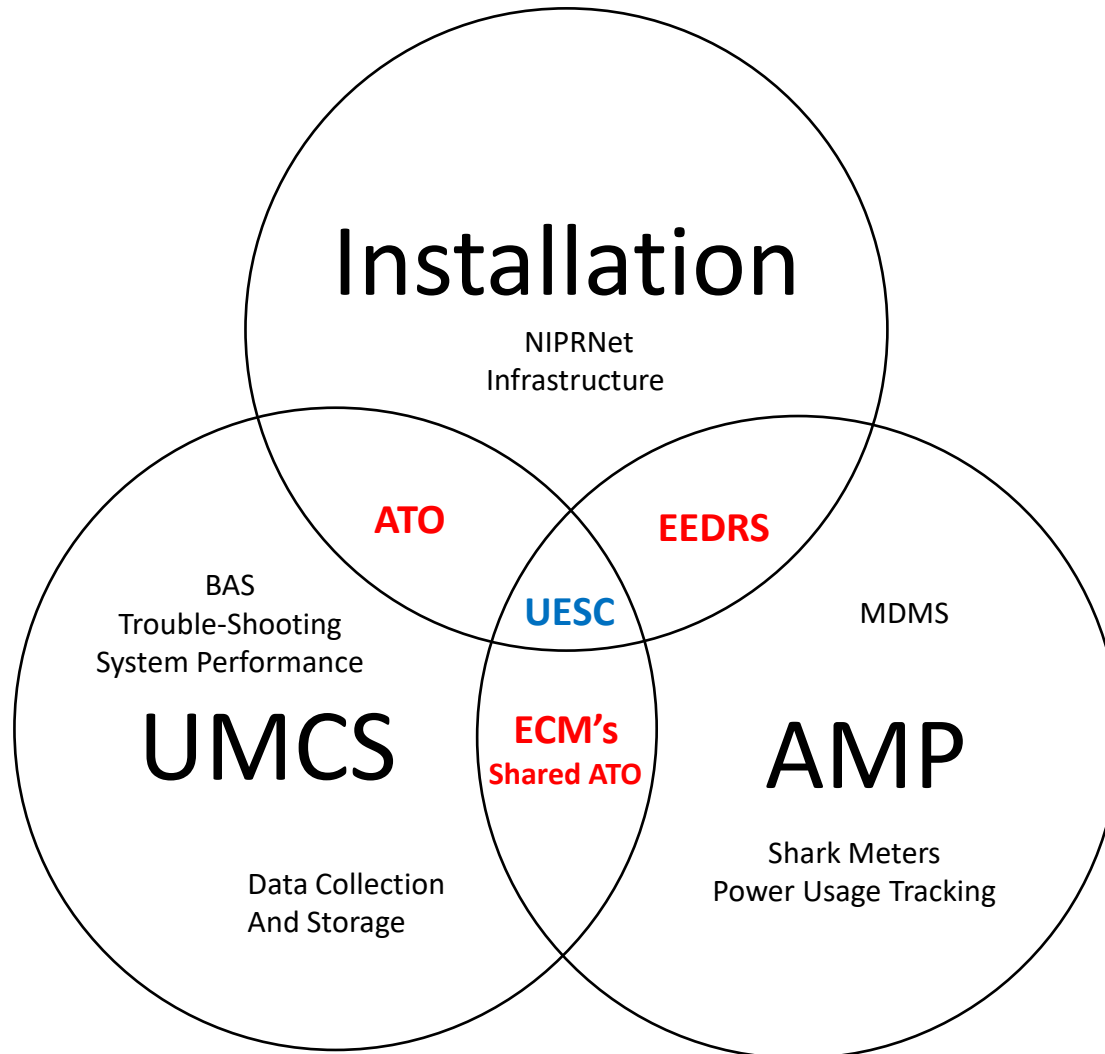
2023 – Government and Contractor Reviews

Aug 2023 – Award and Kick off Meeting

Oct 2023 - Construction Activities Started

Nov 2025 – Estimated Completion

Fort Johnson – UESC and UMCS



Talking Points

- Connecting the dots between installation building energy usage to the UMCS searchable database
- Using the information to develop ECMs
- UMCS and Low-Cost No-Cost ECMs
- How the information is used in conjunction with energy audits to validate energy savings
- Future Plans
 - Developing Building Profile data and incorporating into the UMCS.
 - Streamline Energy Audits for faster data analysis for funding mechanisms (UESC, ESPC, SRM, ERCIP)

Questions

Let's Hear from the Audience