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UTILITY DATA COLLECTION
& MODELING

DOD UTILITY
PRIVATIZATION PROGRAMS

ENERGY SECURITY & RESILIENCY

BUSINESS ANALYTICS FOR ENERGY
& UTILITY PROGRAMS

INSTALLATION-LEVEL ENGAGEMENT



COST AVOIDANCE

**RESILIENT
STRATEGIC
RESULTS**

GET IN TOUCH

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Cost Avoidance Protecting Mission Readiness

\$4.86 Billion Reasons (and counting) to Engage Our Cost-Avoidance Team

Guernsey helps the Department of Defense avoid millions to billions in energy and utility-related costs by combining boots-on-the-ground support, energy strategies, and data analytics. Our team delivers unmatched insight and real-world execution—backed by decades of experience with utility program support, energy resiliency analysis, and installation-level engagement. We go where the Mission goes; in the last few years, we've provided direct support to more than three dozen installations.

What Cost Avoidance Looks Like

- **\$4.86+ Billion** | Potential DoD-wide savings over 40 years through strategic infrastructure upgrades
 - **\$3+ Billion** | Cost avoidance identified at Fort Wainwright & Fort Greely by recommending decentralizing district heating
 - **\$463 Million** | Projected savings over 25 years by switching Kwajalein to Ocean Thermal Energy Conversion (OTEC)

Tools and Talent That Drive Results

- **PACES+** | Power BI-driven utility data platform for Army G-9/G-4
- **Embedded Staff** | Supporting Army staff at the Pentagon, IMCOM HQ, and Alaska posts
- **GIS & Modeling** | Navy/USMC support for Utility Inventory & Condition Assessment Programs, UP, and more

Capabilities That Drive Cost Avoidance

- Utility Privatization Program (UP) Oversight & Analysis
 - **500+ Utility Systems** | Analyzed through support of DoD Utility Privatization (UP) Programs
- Energy Security & Resiliency Assessments
- Installation-Level Utility Data Collection & Modeling
- PACES+ Power BI Data Analytics Dashboard Development
- Energy Alternatives & Lifecycle Cost Studies
- GIS Mapping & Infrastructure Evaluation
- Cybersecurity Support for Energy Systems (NIST, CMMC)



LET'S AVOID COSTS TOGETHER

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