

Innovation and Installation Energy

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| Glasgow Hall East 203

| 1200 - 1300



Dr. Jeffrey Marqusee

Dr. Jeffrey Marqusee is currently the Executive Director of the Strategic Environmental Research and Development Program (SERDP) and the Director of the Environmental Security Technology Certification Program (ESTCP). SERDP is a tri-agency (DoD, DOE, and EPA) environmental research and development program managed by the Department of Defense.

The performance of an installation is increasingly linked to its management and use of energy. Installation or facilities energy is important for two reasons:

- It represents a significant cost. DoD spends \$4.0 billion/year on facilities energy.
- Facilities energy is key to mission assurance.

DoD has three interrelated goals with respect to facilities energy:

- Reduce energy usage and intensity
- Increase renewable and onsite energy generation
- Improve energy security

Innovative technologies offer DoD an opportunity to cost effectively meet these goals. Yet new energy technologies face significant hurdles to commercialization and widespread deployment. ESTCP's Installation Energy Test Bed is leading the Department's effort to radically change our installation energy performance through demonstrations of advanced technologies.