



Defense Energy Support Center Installation Energy CBU

Renewable Initiatives and Power Purchase Agreements

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Agenda



- Intent and Commitment
- Pilot Project
- Lessons Learned/Impending Barriers
- RECs



Intent



It is the goal of the DESC Installation Energy Business Unit to facilitate the building of on-site renewable energy projects on behalf of our partners with the intent of meeting or exceeding the goals established in the Energy Policy Act of 2005, Executive Order 13423 and National Defense Authorization Act of 2007.



Commitment to Renewable Initiatives



- DESC has dedicated internal resources to provide contracting expertise for DOD and Federal customers in support of long term power purchase agreements stemming from renewable energy project development
 - Working with partners to develop requirements
 - Teaming w/ DOD Military Service partners and DOE for technical expertise assistance
 - Working w/ Service Partners to develop ‘lessons learned’ and ‘best practices’ for long term contracting support



Pilot Project



- Department of Energy, Princeton Plasma Physics Lab, NJ
 - Customer Requirements
 - 1 MW roof and ground mounted Solar array
 - 600kW ground (carport structure)
 - 400kW roof array
 - Each item individually evaluated
 - Low Price Technically Acceptable
 - 10 year PPA
 - Solicitation issued 17 Feb 09; Closes 15 May 09
 - Lessons Learned/Impending Barriers
 - Financing Capability
 - Roof Quality
 - Interconnection Location
 - Communication of clear customer requirements



Projects are not (yet) for everyone



- Continuing to purchase RECs for those in need
 - Environmental Protection Agency
 - Nationwide locations
 - Wind \$1.49/MWh, Biomass \$1.30/MWh, Landfill Gas \$1.60/MWh
 - Delivery Sept 09
 - All new “post Jan 1, 1999”
- Notified partners that prices are currently low
 - Solicitation on the street for DOE, DOC, USDA, EPA, NIH, FDA and NASA



Points of Contact



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Questions?