IEP Overview

• OSD IEP Requirement
• AF Proposed IEP Methodology
• AF IEP Assumptions
• IEP Next Steps
• AF IEP Possible Schedule
OSD IEP Requirement

• 31 Mar 16 OASD Memo requires services complete installation energy plans (IEPs) for installations totaling 75% of its energy consumption by 31 Mar 19
• Sent data call requesting installation’s energy plan. What we found:
  – All existing stand alone plans only address energy conservation; a few with some renewable energy referenced
  – No fully integrated Energy Assurance Plans (only 5 were close to the full requirement)
  – Most plans are out of date
  – Bases are not executing or using their current plans
• ROM cost to produce/update conservation plans $10-15M
  – Would not support AF Energy Assurance Strategy
  – Plans would not be executable by bases
Proposed IEP Methodology

• AF Phased Proposal: Develop holistic installation energy plans for installations that incorporate conservation and resiliency
  – Phase 1 – Data call to find current status of energy plans
  – Phase 2 - Update current conservation plans where feasible
  – Phase 3 – Build holistic energy assurance plans by FY23

• Execution Plan
  – AFCEC will provide acquisition vehicle and tech support
    • Phase 1 complete
    • Phase 2 would require minimal resources as proposed; would require $10-15M to meet Mar 2019 OSD deadline
    • Phase 3 requires more resources, but builds better plans
  – SAF/IEE will advocate for funding through corporate process
AF IEP Assumptions

- Future IEPs will include energy assurance, not just conservation and RE efforts
- Energy Managers will lead; Planners will facilitate integration
- IEP Schedule will adjust based on available funding / manpower
- Will add or swap out some installations based on mission need, to incorporate previous efforts, and to leverage AMRS
- Upon review of data call information, some smaller bases may have an existing adequate plan
- AF Resiliency standards will not be complete until FY18
IEP Next Steps

- Data call to find current state of IEPs
- Gap analysis to determine if plans meet DODI requirements
- Send to ASD (E,I&E) preliminary installation list and draft brief by 28 Feb 17
- 7 Apr 17: Brief ASD (E,I&E) prioritized installation list, schedule, challenges
  - Draft IDP energy assurance component template ECD 30 Sept 17
  - 39 Holistic Energy Assurance Plans Complete by end of Year 5
### Energy Assurance Plans

**Air Force Possible Schedule**

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**Note:** Includes 39 installations which total 75.3% of AF energy use. Further mission assurance analysis may require swap of some smaller installations, but 75% requirement will still be met.
Questions / Comments