

New Initiatives at Federal Agencies

U.S. Dept. of Veterans Affairs



Phoenix, AZ

August 3-6, 2008



Integrating **E**nergy, **E**nvironment and **F**leet Management

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Energy @ VA B4 EO 13423

- Consolidated energy program in Office of Management
- Departmental energy conservation program directive issued July 2003
- EPAAct 2005 led to establishment of a Dept.-wide Task Force in August 2005
- Secretary signed Energy Management Action Plan in September 2006 with \$25 million in associated funding annually



Impact of EO 13423

- VA combined energy, environment and transportation management program offices into one (in Office of Management)
 - Avoids duplicative and potentially conflicting efforts
 - Provides a single source for Senior Agency Official to rely on for tracking and reporting on EO implementation



Internal Integration

- Office of Management also has real property and asset management program and policy responsibilities
 - Increasing focus on coordinating EE&T and real property (data & reporting; real property, energy and environment scorecards)
 - Some EE&T initiatives depend on asset management tools (e.g., cogeneration energy centers under enhanced use lease program)



EE&T Approach

Expand successful Energy Management Task Force model:

1. Establish Dept.-wide task force
 - Central office & field staff
 - Spectrum of functions (budget, finance, engineering, planning, facilities management,...)
2. Task Force creates Action Plan, estimates resource requirements
3. Task Force coordinates implementation of approved Action Plan within resource constraints



EE&T Approach

Task Forces

1. Energy management
2. Environmental management
3. Fleet management
4. Sustainable buildings

- Each program area has an Action Plan and FY 2010-based detailed resource estimate
- FY 2010 resource estimate: \$54 million to implement EE&T Action Plans



EE&T Approach

Key Energy/Sustainability Initiatives

- Region-wide facility energy assessments
- Multi-facility ESPC: Four initial regions
 - No. CA ■ So. CA ■ WA, ID & MT ■ KS & MS
 - 31 facilities: 29 medical centers, 2 national cemeteries
- Integrated bill auditing, metering and commodity data analysis: National program
- Sustainability in existing buildings: Pilot to obtain and compare LEED EB and Green Globe certifications
- 90 facility-level energy managers (87 hired to date) and 21 regional-level energy managers (10 hired to date) to cover all VA facilities



EE&T Approach

Key Renewable Energy Initiatives

- Solar PV pilot projects
 - Loma Linda, CA and Dallas, TX VA medical centers
 - 300-350 kW
- Pilot to repair existing solar thermal systems
 - W. Los Angeles and Dallas, TX VA medical centers
- Wind turbine pilot project
 - St. Cloud, MN VA Medical Center
- Direct geothermal pilot project
 - Reno, NV



EE&T Approach

Key Environmental Management Initiatives

- Electronics Stewardship
 - Top goals include implementing computer power management nationwide
 - Maintain EPEAT purchases at 99-100% (computers and monitors)
- Expand use of environmental management systems across VA



EE&T Approach

Key Fleet Management Initiatives

- 21 regional-level fleet managers designated
- Develop regional level fleet management plans
- Add on-site fueling capability
 - Newest station opened at San Francisco VA Medical Center in July



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