



INSTALLATION MANAGEMENT AGENCY

Southeast Region

***A DESCRIPTION OF SE REGION'S ENERGY
MANAGEMENT APPROACH***

2003 ARMY ENERGY FORUM

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21 AUGUST 2003

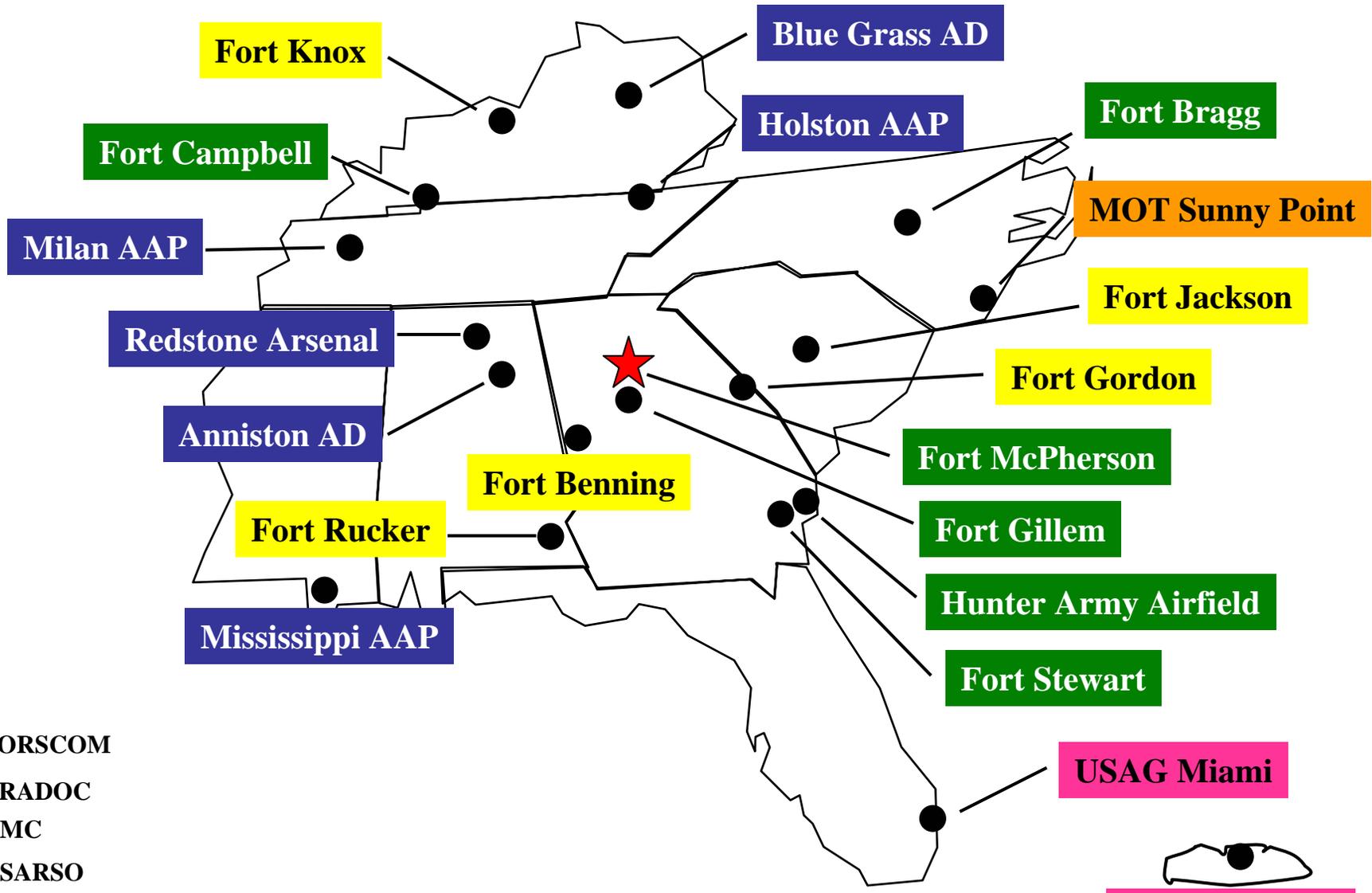


Briefing Objectives

- ✓ Introduce the SE Region Installations
- ✓ Provide an overview of the SE Region energy program
- ✓ Briefly discuss specific energy activities for FY 2003/2004
- ✓ Provide POCs at SE Region HQ



Southeast Region Installations





Southeast Region Installations

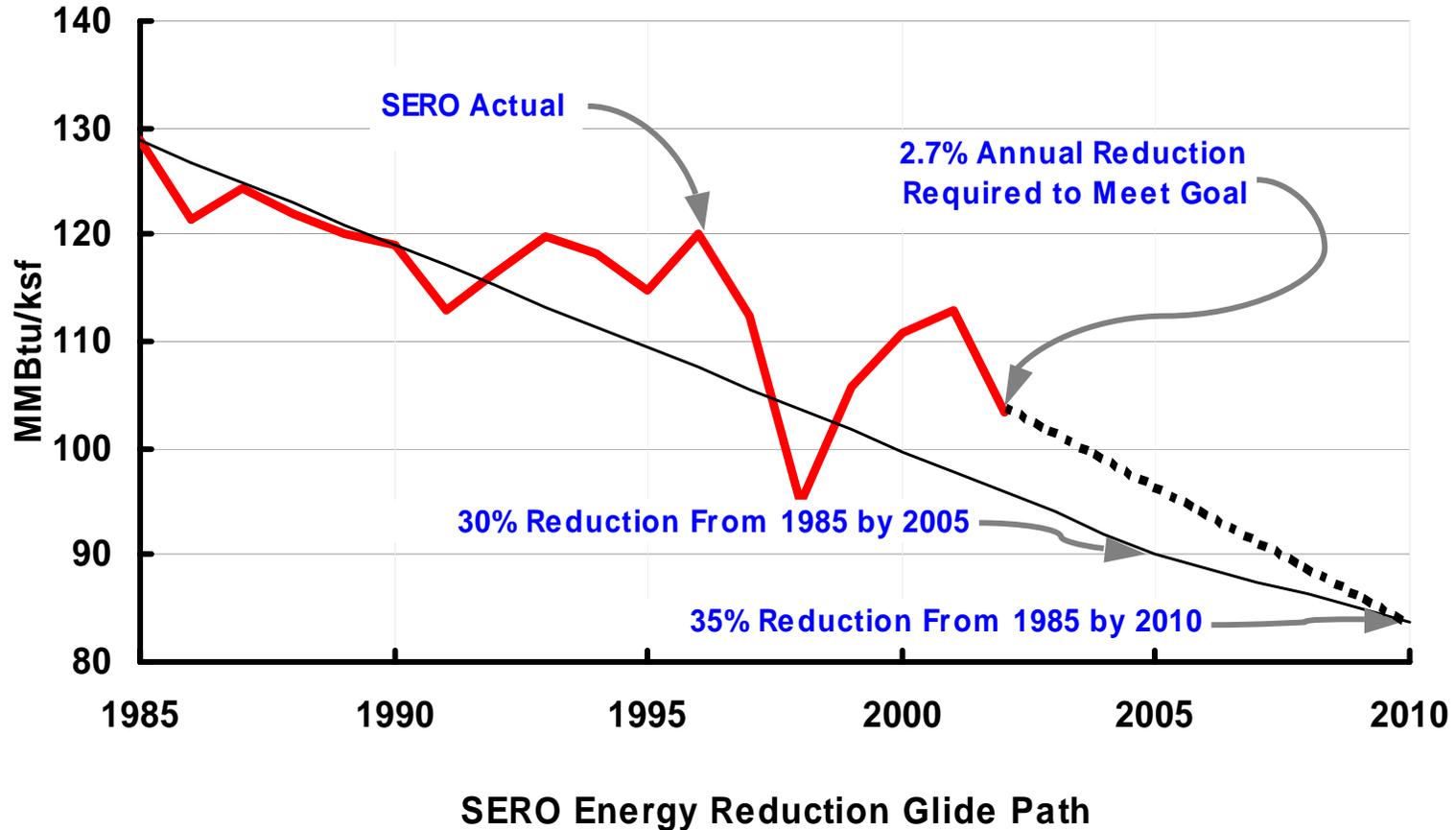


- FORSCOM
 - Ft. Bragg
 - Ft. Campbell
 - Ft. McPherson/Gillem
 - Ft. Stewart/Hunter AAP
- TRADOC
 - Ft. Benning
 - Ft. Knox
 - Ft. Rucker
 - Ft. Gordon
 - Ft. Jackson
- AMC
 - Redstone Arsenal
 - Anniston Army Depot
 - Holston AAP
 - Milan AAP
 - Lexington Bluegrass AD
 - Mississippi AAP
- USARSO
 - Ft. Buchanan
 - Army Garrison Miami
- MTMC
 - MOT Sunny Point



SE Region Glide Path Performance

(through FY 2002)*



* Excludes Holston AAP, Milan AAP, Mississippi AAP, and Sunny Point



SE Region Energy Strategy

Modernization & Efficiency Projects Funded through Diverse Portfolio

- ✓ Privatization of utility distribution systems
- ✓ Utility Modernization Program
- ✓ Performance contracting [ESPC/UESC] and pursuit of BPA financing

Aggressive Commodity Procurement to Reduce Costs

- ✓ Evaluation of all utility contracts and alternative tariffs
- ✓ Peak shaving or higher voltage service, where appropriate

Improve Performance of Infrastructure to Reduce Consumption

- ✓ Identify building commissioning and recommissioning
- ✓ Retrofit of existing equipment and systems, and improved O&M

Enhanced Communication and Staffing Support

- ✓ Annual Energy Managers Forum
- ✓ SE Region Energy Program web site
- ✓ Promoting deployment of Resource Efficiency Managers

Detailed Planning

- ✓ Long-Range Energy Management Plans at each SE Region installation
- ✓ Comprehensive energy assessments at selected installations



Utility Modernization Program

- ✓ Focuses on central energy plants and other non-privatized utility systems.
- ✓ Seeks to bring systems to ISR-green status by total system rehab.
- ✓ Installations compete for SE Region funding—readiness and environment are prime considerations, not just energy efficiency.
- ✓ SE Region is executing for FORSCOM installations in FY 2003. Will include all SE Region installations (regardless of MACOM) in FY 2004 and beyond.





SE Region FY2003/2004 Plans

In FY2003/2004 the primary objective is to understand and start to tackle the major energy management challenges at the SE Region installations. These objectives will be pursued by:

- ✓ Visits to SE Region installations.
- ✓ Conducting comprehensive energy assessments at 9 installations during FYs 2003-2004.
- ✓ Development of Long-Range Energy Management Plans for all installations.
- ✓ Energy Manager's Forum in March 2004.
- ✓ Pursue developing SE Region/Bonneville Power Administration agreement for services and low-cost financing.
- ✓ Pursue developing SE Region/Southern Company Utilities agreement for UESC services.



Long-Range Energy Management Plans

Each installation to develop a long-range energy management plan, with SE Region HQ defined content and requirements that:

- ✓ Lays out a detailed plan for compliance with Executive Order 13123
- ✓ Identifies energy projects and funding requirements
- ✓ Addresses energy commodity procurement issues and opportunities
- ✓ Describes energy infrastructure upgrades and enhancements

PNNL will conduct comprehensive energy assessments using FEDS at nine installations to:

- ✓ Identify, prioritize, and characterize cost-effective projects for ESPC, UESC, or ECIP funding.
- ✓ Estimate impact on energy demand and consumption from building construction, demolition, renovation, utility modernization, O&M, and energy-specific retrofits.
- ✓ Incorporate assessment results into installation energy management plans.

Results from each installation will be aggregated into a SE Region long-range energy management plan



SE Region Energy Managers Forum



Background

- ✓ Annual meeting attended by IMA/HQ and SE Region HQ staff, installation energy managers, SE Region support staff and invited guests
- ✓ Presentations by IMA and SE Region HQ, installation EMs, PNNL, and invited guests
- ✓ Working sessions, group discussion, and technology showcase.

Objectives

- ✓ Become familiar with organization and management approach.
- ✓ Share experiences and learn from each other.
- ✓ Focus on approaches and strategies to meet the EO13123 goals.
- ✓ Share information on new generation and end-use technologies.
- ✓ Establish annual calendar for energy management.
- ✓ Determine how to work efficiently as a team.

FY04 EMF tentatively scheduled for early March 2004.





SERO Energy Program Web Site

New Web Site and Monthly Newsletter for SERO Energy Program

- News – highlighted in a monthly newsletter,
- Technical reports
- EMF agenda/content
- Energy tools
- Site information
- Calendar of events
- Links to technology providers, site web pages, & resource providers
- Contacts



Installation Management Agency (IMA)
Southeast Region Energy Program

IMA Southeast Region Energy Program

Ensuring a secure and reliable energy supply, coupled with equitable, effective and efficient management of site infrastructure, is critical part of the Southeast Region's responsibility to provide installation support for soldiers, civilians and family members stationed in Southeast United States. With military communities based in 20 locations across the region, the Southeast Region office oversees all facets of providing energy efficient facilities, systems, and operations at each installation to support mission readiness and provide for the comfort and safety of soldiers, families, and civilian employees. This contributes to enabling soldiers and tactical units in the region to focus on their training, deployments and operations.

The IMA/ Southeast Region Energy Program has five primary goals:

1. Ensure a secure and reliable energy supply that fully meets mission and quality of life requirements.
2. Through life cycle cost effective measures aggressively pursue: energy efficiency improvements, expand use of renewable energy, reduce use of petroleum in facilities, reduce total energy use, and reduce water consumption as outlined in [Executive Order 13123](#).
3. Manage and obtain energy supplies and services at lowest possible cost consistent with the installations' missions.
4. Improve the efficiency of site infrastructure and energy systems through the continuous improvement with the overall aim being to reduce energy use and save money. Money is saved by reduced consumption, demand, and operations and maintenance.
5. Ensure actions contribute to providing energy efficient, safe, and comfortable facilities for soldiers, families, and civilian employees.



Click the map or [click here](#) for a larger version with links to IMA Southeast Region Installations.



Energy Program Home
 News
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 Energy Links

Contacts:
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Webmaster

Last Updated:
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Security and Privacy Notice



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