



U.S. Department of Energy  
Energy Efficiency and Renewable Energy  
Federal Energy Management Program

# Federal Facilities Council Building Commissioning Conference October 9, 2003

Federal Energy Management  
Program ( FEMP)  
Beth Shearer



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# FEMP's Mission

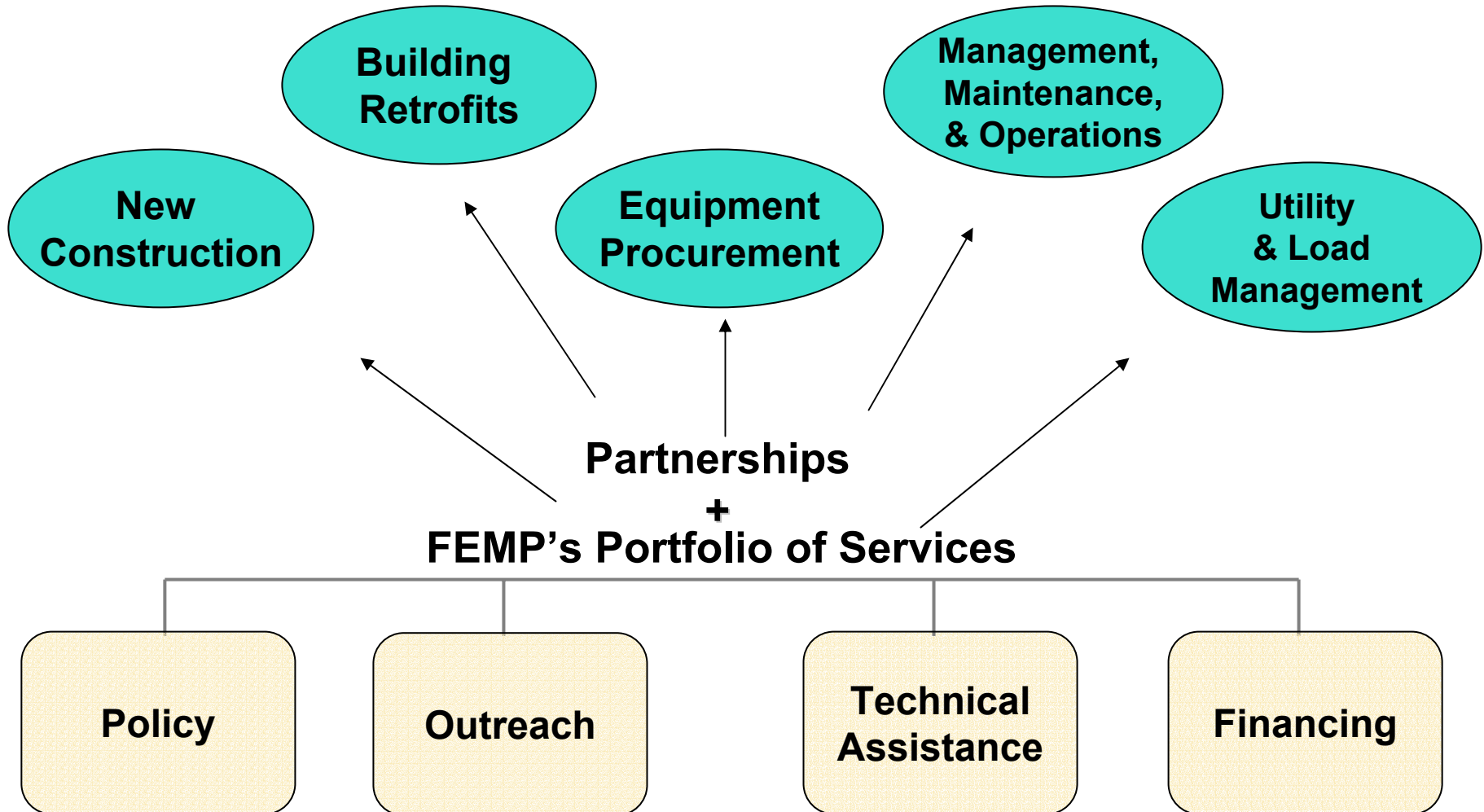
FEMP increases energy security and reduces energy cost and the environmental impact of government by promoting:

- Energy efficiency and water conservation
- Use of distributed and renewable energy
- Sound utility management at Federal sites



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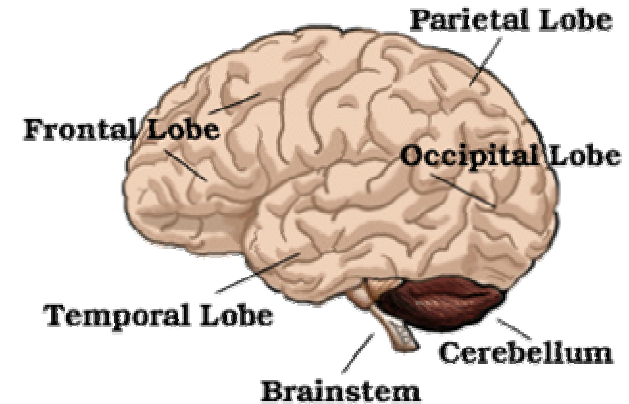
# Targeting Key Opportunities





# An O&M Lobotomy

- Operations – schedules, control strategies, sequences of operations
  - Mission-oriented
    - How we use a facility to achieve agency mission
    - Tempo of operations
  - Facilities-oriented
    - Intended use vs.
    - How we use it



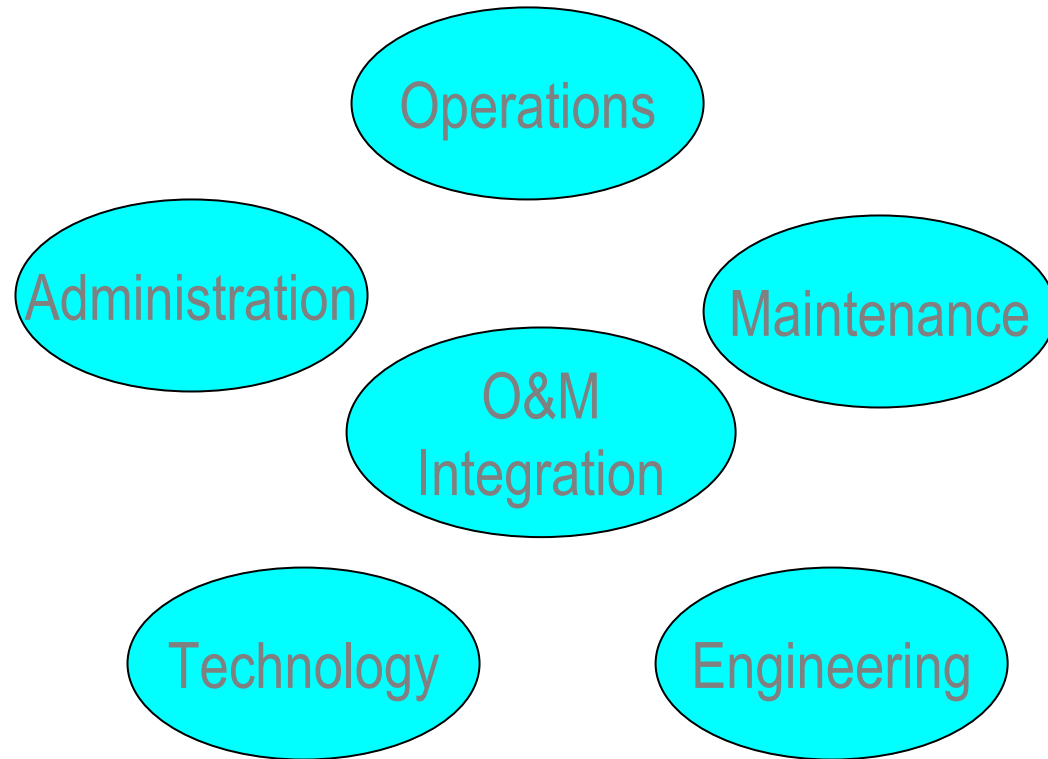
- Maintenance – care, cleaning & feeding of equipment
  - Equipment-oriented
  - Aimed at reducing:
    - Complaints
    - Downtime
    - Premature failure



# O&M Fundamentals

## OMETA

- Operations
- Maintenance
- Engineering
- Technology
- Administration



Are all of these people on the same sheet of music?



# Commissioning & O&M

- A Perfect fit
  - Significant part of the O&M solution
  - A Best Practice along with:
    - Training
    - Predictive maintenance
    - Effective contracting methods
    - Measurement and evaluation
  - Must be done with full commitment



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# FEMP's Commissioning Products

- Continuous Commissioning Guide
  - Texas A&M
- Model Commissioning Plan and Guide Specification
  - w/GSA and PECl
- O&M Best Practices Guide
  - PNNL
- Technical Assistance
- Available through our web site





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# FEMP's O&M Contact

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Thank You