



CNRMA - HAMPTON ROADS



BUILDING ENERGY MONITOR (BEM) PROGRAM

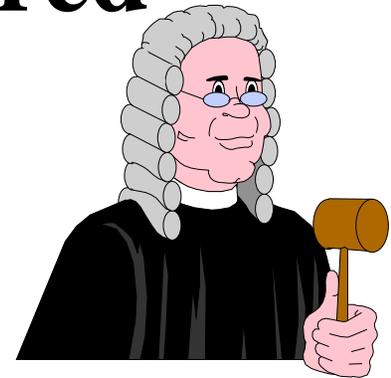
09/05/2003

Better - Faster - Cheaper - Safer



Executive Order 13123

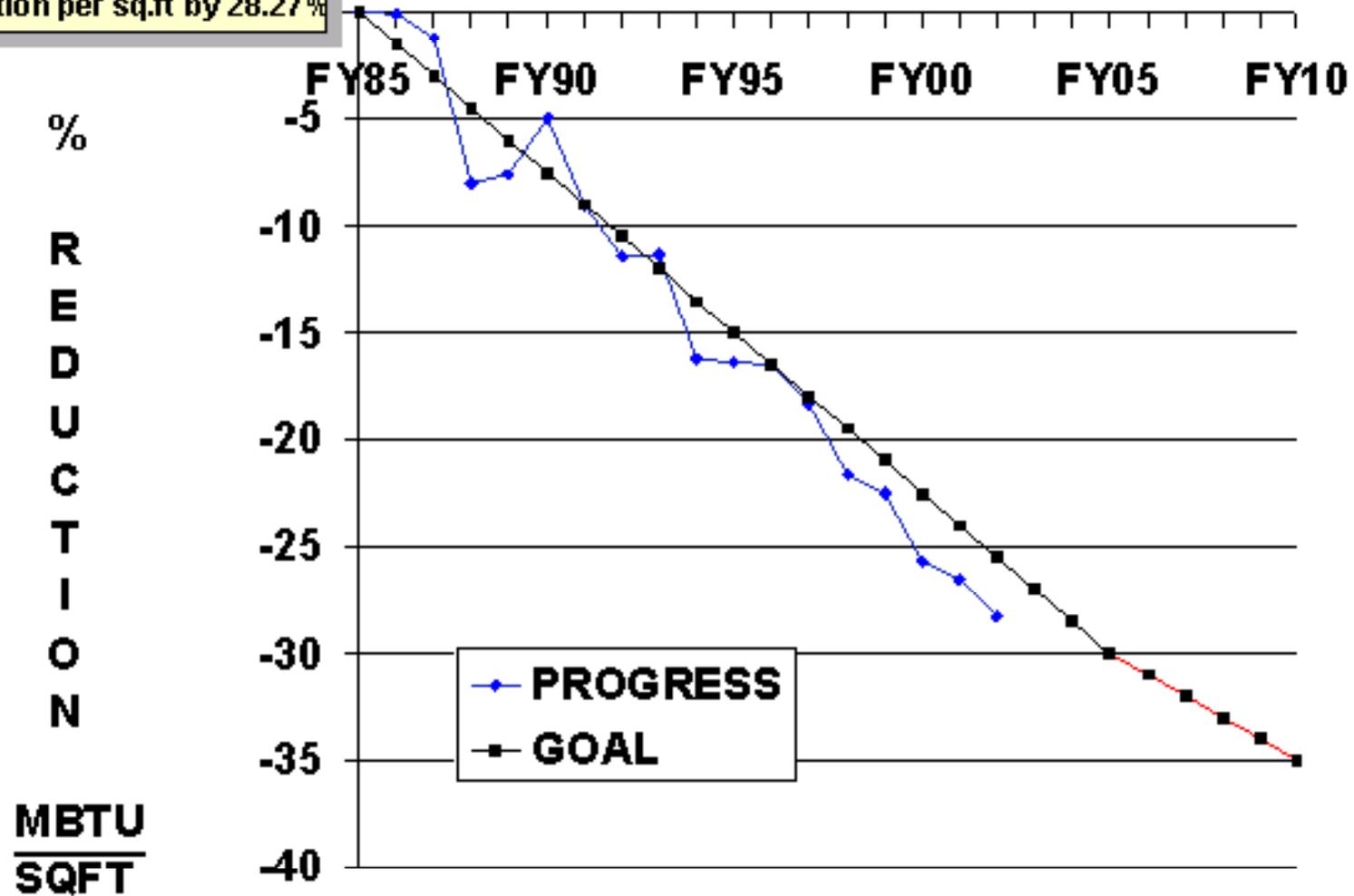
Mandates federal facilities to reduce energy consumption by 30 percent by 2005 and by 35 percent by 2010 compared to 1985 as baseline.



Navy Energy Usage Reduction Progress

4th Quarter FY02 - Building and Facilities

As of September 30, 2002, the Navy has reduced energy consumption per sq.ft by 28.27%



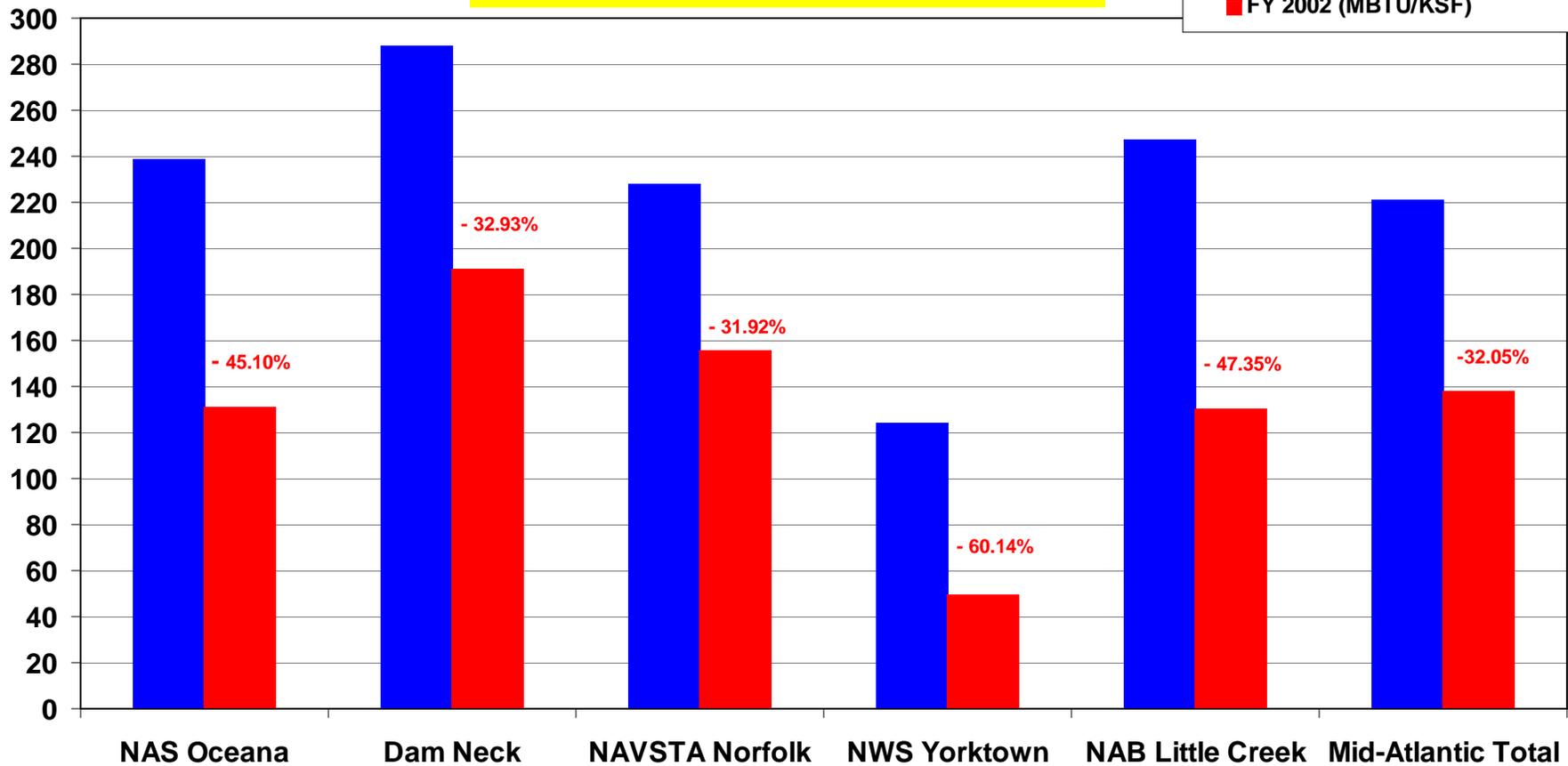
Current Goal = -25.50%



FY-02 Energy Reduction Progress (Energy Usage per SQFT)

(MBTU/KSF)

■ 1985 Baseline (MBTU/KSF)
■ FY 2002 (MBTU/KSF)



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CNRMA Achieved GOLD & BLUE Levels in the SECNAV Energy Award Program

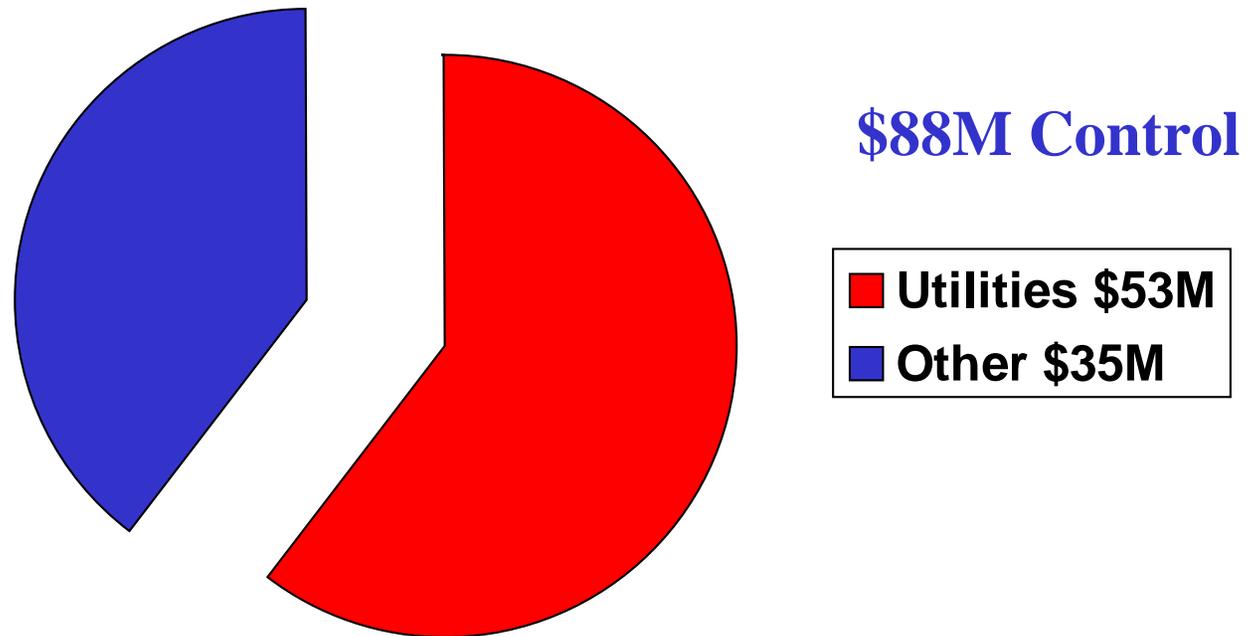
- **GOLD** Level
 - ✓ **NWS Yorktown**
- **BLUE** Level
 - ✓ **NAVSTA Norfolk**
 - ✓ **NAS Oceana**
 - ✓ **NAS Dam Neck Annex**



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FY03 OB BUDGET





PURPOSE



A Building Energy Monitor Program is designed to task individuals throughout the activity to be the energy conservation communicators, leaders, and motivators of fellow employees within their buildings. ***The BEM Program is a vehicle through which all personnel can be reached.***



RESPONSIBILITIES



- Communicate installation energy goals and objectives.
- Promote and increase energy awareness on the usage and cost of energy in the building.
- Serve as the point of contact for energy issues, problems, and costs.
- Recommend energy saving changes to the building's operating procedures.
- Monitor the operation of the building through periodic energy checklists.



DESIGNATION OF BEMs



- BEMs designated by the tenant
- BEMs should have knowledge of building layout, equipment, and operation
- BEMs should have a good working relationship with operations and maintenance personnel
- BEM duties will require about 4 hours per month



BEM PROGRAM STRUCTURE



- Kick-off meeting
 - ✓ Energy conservation mission
 - ✓ BEM program goals
 - ✓ Distribution of handbook & materials
- Quarterly meetings
 - ✓ Energy reduction progress
 - ✓ Training in specific energy topics
- BEM program management and training handled by Regional Energy Manager, Michael Pyon, 445-4885 ext. 412



Meeting Schedule



Kick-Off Meetings

NAB Little Creek	17 July '03
NSA Oceana/Dam Neck	31 July '03
NWS Yorktown	14 August '03
NAVSTA Norfolk	04 September '03

Quarterly Meetings (Tentative)

1st Quarterly Meeting	Last week of Oct '03
2nd Quarterly Meeting	Last week of Jan '04
3rd Quarterly Meeting	Last week of Apr '04
4th Quarterly Meeting	Last week of Jul '04