

MSFC Energy Overview

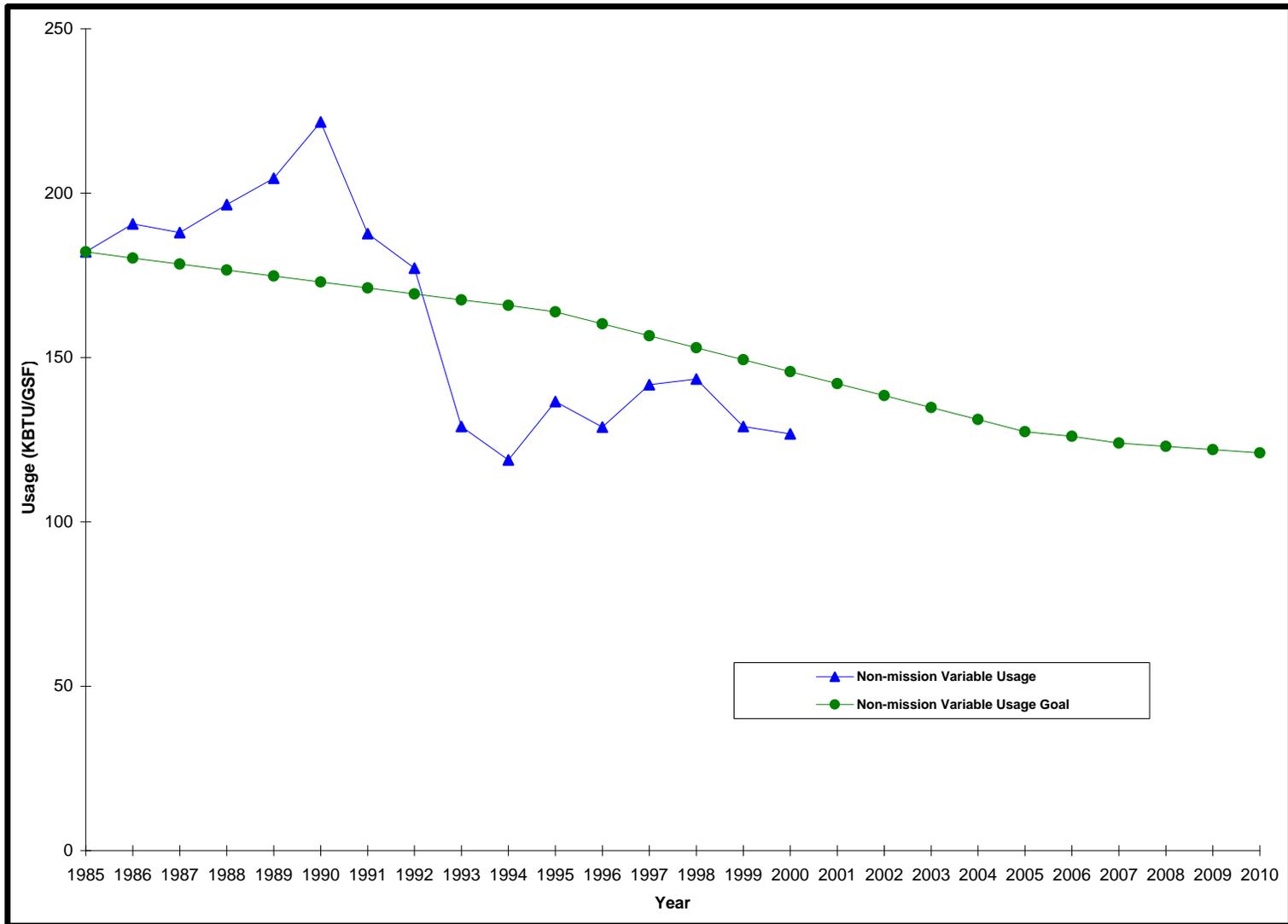
Federal Agency Requirement per Executive Order 13123

Federal Agencies shall:

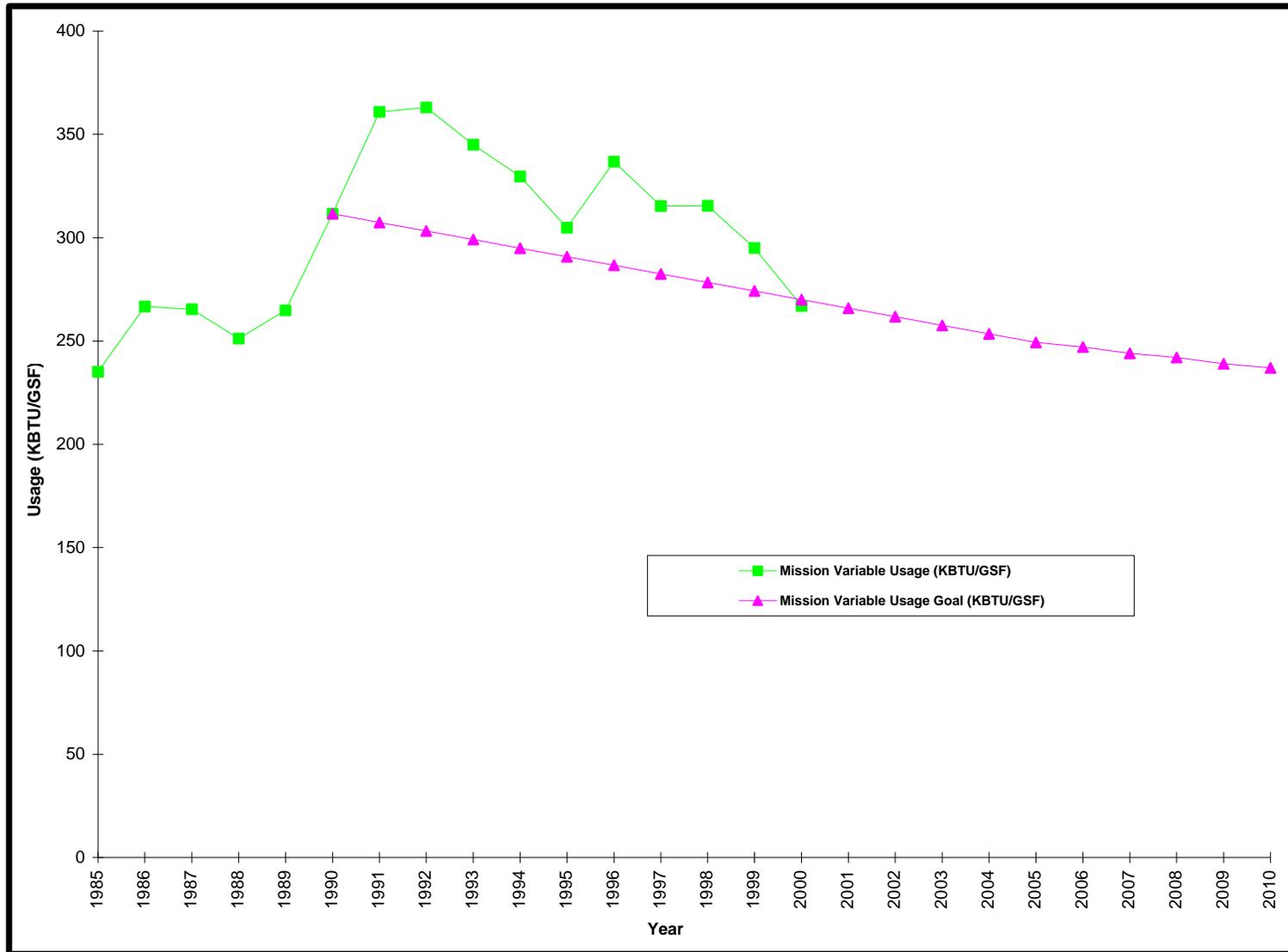
- Reduce Greenhouse Gas Emissions
- Reduce energy consumption in office buildings by 35% of the 1985 baseline by 2010
- Reduce energy consumption in Industrial Facilities by 25% of the 1990 baseline by 2010
- Strive to expand the use of Renewable Energy
- Reduce petroleum use by 20 % of the 1999 baseline by 2005
- Reduce water consumption
- Reduce total energy usage and associated greenhouse gases

Where is MSFC
relative to the goal?

Office Buildings



Industrial/Production Facilities



- Energy usage, relative to the goal, is measured in BTU's per gross square foot.
- The 2010 usage goal for office buildings is 118,000 BTU's per gross square foot.
- The 2010 usage goal for industrial facilities is 234,000 BTU's per gross square foot.
- The Center's overall energy usage for the 2010 goal is 781 Billion BTU's.
- The Center's energy usage as of the end of FY00 is 874 Billion BTU's.
- The Center is presently 93 Billion BTU's above its 2010 Goal.
- Approximately \$65,000.00 in investment is required to reduce 1 Billion BTU's. (Therefore, approximately \$6 Million must be invested by 2010 to meet this goal. This can be accomplished by investing funds or by reducing energy usage).

Energy Contacts:

Cedreck Davis

**Building 4250, Room 10
544-3221**

Anthony Puckett (EG&G)

**Building 4249, Room 111
544-5957**

Clark Boaz

**Building 4250, Room 13
544-4923**

We are here to assist you with all energy related problems.