

AIR FORCE ENERGY:

Improving our Energy Security Posture to Power the Force and Fuel the Fight



U.S. AIR FORCE



FINANCIAL FACTS

\$9.15B

The amount spent in FY12 to purchase electricity and fuel to power Air Force operations

8%

 The portion of the Air Force budget spent on energy

\$1.5B

Energy costs avoided in FY12 due to reduced energy demand compared to baseline years for facility (2003) and aviation (2006) energy reduction goals

FACILITY ENERGY CONSERVATION

21.2%

 Reduction in energy intensity since 2003, above the goal of 21%

22.2%

 The reduction in facility energy consumption since FY03, resulting in a cost avoidance of over \$300 million in FY12

\$250M

The target value for Air Force 3rd-party energy conservation contract awards by 2013

RENEWABLE ENERGY

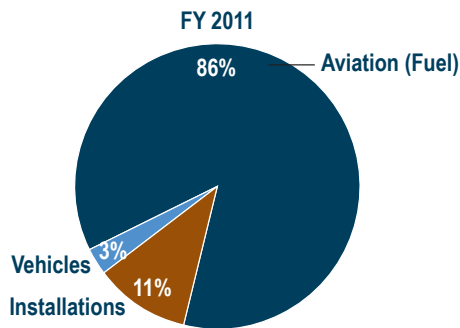
#2

 Air Force ranking among Federal agencies for the purchase of green power, behind only DOE

51 MW

Energy generated from the 212 operational renewable energy projects on 78 installations

5.5%

 The percentage of our total electricity that came from renewable sources in FY12

AVIATION FUEL

86%

 The percentage of our energy bill spent on aviation fuel

100%

 of our fleet is certified to fly on biofuel and synthetic blends

12.4%

(almost 200M gal)

The reduction in aviation fuel consumption since FY06 – exceeding the goal of 10% by FY15 and resulting in a cost avoidance of \$1.2 billion in FY12

19% more 13% less

The Air Force moved 19% more cargo with 13% less fuel in 2012, compared to 2006

GROUND VEHICLES

4%

 (24.8M gals)

The decrease in petroleum consumption from FY11

10%

The increase in alternative fuel consumption from FY11

100%

The portion of the ground vehicle fleet at LA AFB programmed to become plug-in electric vehicles, the first Federal facility to do so