



U.S. Air Force

# KEY TALKING POINTS

October 2012 // Special Edition -- Energy

THE MISSION OF THE UNITED STATES AIR FORCE IS TO *FLY, FIGHT AND WIN...IN AIR, SPACE AND CYBERSPACE*

## I AM AIR FORCE ENERGY

Energy conservation and energy security are central to all Airmen and their continued mission execution success. We will support the Joint mission while improving resiliency, reducing demand, assuring supply and fostering an energy aware culture. Energy is a fundamental component of Air Force operations and it must be considered in every mission and organization.

**VIEW FROM THE TOP:** "Energy enables every mission across our global Air Force as we try to fly, fight and win in air, space and cyberspace. It powers our aircraft, it supports our installations, and no matter what your job is or where you are in the world, energy is enabling what Airmen are doing."  
*Hon. Michael Donley, Secretary of the Air Force*

"The Air Force is fully committed to improving resiliency, reducing demand, assuring supply and fostering an energy aware culture. The overriding concern is to secure energy for the future."  
*Terry Yonkers, Assistant Secretary of Air Force Installations, Environment and Logistics*

### Key Messages

- The Air Force is a significant part of our nation's strategy to establish greater energy security and become more energy efficient through conservation and use of alternative energy sources.
- The Air Force is creating an energy posture that is robust, resilient, and ready by reducing energy consumption, assuring energy supplies, improving resiliency of our energy supplies, and fostering an energy aware culture.
- Due to the magnitude of energy consumed by the Air Force, any actions we take to reduce energy consumption are significant in their potential impact for enhancing national security.
  - ✓ Every gallon of fuel or watt of electricity we eliminate from our day to day operations is one less that is needed to recover in the event of a disruption
- Energy dependence is a threat to our effectiveness as warfighters.
  - ✓ A balanced energy strategy enables our warfighters, expands operational effectiveness and enhances national security by ensuring the Air Force has the resources to provide our nation's global vigilance, reach and power.
- Airmen play a key role in achieving our energy goals and the Air Force is committed to fostering an energy aware culture.
  - ✓ Energy is a critical component of all Air Force operations and having assured access to energy is a strategic advantage. Everyone in the Air Force, from Airmen to civilians to contractors, play a key role in achieving our energy goals by making energy a consideration in all that we do.
  - ✓ The Air Force is implementing training and education for our Airmen, civilians and contractors to drive efforts to reduce energy demand, increase energy supply and change the culture.
- Energy efficiency reduces operating costs and increases available funds for essential Air Force recapitalization/modernization efforts.
  - ✓ Dollars we don't spend on fuel allows us to reinvest that dollar into capability for the warfighter.
  - ✓ Reduced energy demand and greater use of renewable energy and alternative fuels will have positive environmental benefits by reducing greenhouse gas and other air emissions associated with fossil fuel combustion.
- Our approach to energy also includes reducing our consumption of water, as the two are inextricably tied. Virtually every source of electricity—whether from coal, natural gas, nuclear, biofuels, or even concentrated solar—requires water at some point.
  - ✓ By reducing the Air Force's demand for energy, it is also reducing the demand for water.

### Quick Facts

- Energy cost more than \$10 billion in FY 2012 (9.5% of the budget)
- Jet fuel accounted for 86% of energy used by the Air Force.
- According to the EPA, we are the second largest government purchaser of green power.
- By 2016, the Air Force will be prepared to meet 1/2 of its domestic fuel requirement with alternative fuel blends.
- The Air Force:
  - ✓ Can fly all aircraft on a 50/50 blend of JP-8 and a synthetic fuel; and 80% on a 50/50 blend of JP-8 and biofuel
  - ✓ Reduced aviation fuel consumption 4% from FY06-FY11.
  - ✓ Reduced installation energy intensity 16% since FY03.
  - ✓ Gets 6% of total electric power from renewable energy.
  - ✓ Reduced vehicle petroleum consumption by 1.1M gals, or 4%, since FY'08.
- Increased alternative fuel consumption by 1.7M gals, or 67%, since FY'08.

#### AIR FORCE PRIORITIES

**CONTINUE TO STRENGTHEN AIR FORCE NUCLEAR ENTERPRISE  
 PARTNER WITH THE JOINT AND COALITION TEAM TO WIN TODAY'S FIGHT  
 DEVELOP AND CARE FOR AIRMEN AND THEIR FAMILIES  
 MODERNIZE OUR AIR, SPACE AND CYBERSPACE INVENTORIES, ORGANIZATIONS AND TRAINING  
 RECAPTURE ACQUISITION EXCELLENCE**

- A publication to arm Airmen with tools to more effectively deliver the Air Force message.
- AF Portal: Under AF Banner, select "Telling the Air Force Story". POC: SAF/PAX; DSN: 227-7300