Why We Fly

U.S. AIR FORCE

RIGHT NOW

Integrity - Service - Excellence
Putting AF Energy into Perspective

AVIATION

4,693 Aircraft
2 x UPS, United, Delta and Southwest combined

To Operate...

FACILITIES

626M Sq Ft of Bldgs
88 x Microsoft Corp
1.5 x GM

INSTALLATIONS

10M Acres of Land
2 x the size of NJ

VEHICLES

80,440 non-tactical vehicles
Equivalent to all government owned cars in OR, IN & NC

FUEL

2.2B gallons
Enough to fill Yankee Stadium 25x

Requires...

$9 billion
Salaries for all NFL, NHL, MLB, and NBA Teams
--- $9.6 B ---

ELECTRICITY AND HEAT

62T BTUs
Enough to power all the homes in DE for a year
Energy Vision:
To sustain an assured energy advantage in air, space, and cyberspace

Improve Resiliency
Reduce Demand
Assure Supply
Foster an Energy Aware Culture
## Progress Toward Air Force Energy Objectives

<table>
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<tr>
<th>Objective</th>
<th>Description</th>
<th>Progress</th>
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<tr>
<td>Reduce aviation fuel consumption by 10% from 2006 baseline by 2015</td>
<td>12% reduction through FY12</td>
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<td>Be prepared to acquire 50% of domestic aviation fuel requirements via an alternative fuel blend by 2016</td>
<td>FT &amp; Biofuels Complete</td>
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<td>Reduce facility energy intensity by 30% by 2015 from 2003 baseline (2012 target – 21%)</td>
<td>21.2% reduction since 2003</td>
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<td>Increase renewable energy use to reach 25% by 2025 (2012 target – 5%)</td>
<td>5.5% in FY12</td>
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<td>Reduce non-tactical vehicle petroleum fuel use by 2% annually from 2008 baseline (2012 target – 8%)</td>
<td>8% reduction since FY 08</td>
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Renewable Energy
Ensuring the ability to quickly resume operations after energy interruptions

Identifying efficiencies to improve energy use

Partnering with industry on alternative fuels and renewable energy

Increasing the Airmen’s understanding and awareness of energy

Reducing our energy demand is the single, best action to improve our energy security
“Persistence and commitment will be needed to provide the energy options and flexibility our civilians and military leaders need. By improving the way DoD uses energy, we can create a more agile, lethal, adaptable, and effective force.”

–Secretary Michael Donley
United States Air Force
7 August, 2012