



OUR VISION

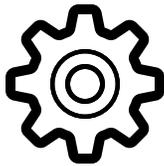
To create an
energy optimized
Air Force that maximizes
combat capability
for the warfighter.

HOW WE DO IT:

DATA



TECHNOLOGY



INNOVATION



EDUCATION



FUEL MORE FIGHT

We champion programs
and policies that
promote readiness
through energy
informed solutions.



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*Deputy Assistant
Secretary of*

**AIR FORCE
OPERATIONAL
ENERGY**



\$5-7 billion

Spent on Air Force aviation fuel annually

81%

of the Air Force energy budget is spent on aviation fuel

We seek to optimize:

- Aircraft aerodynamics
- Turbine engine performance
- Aviation data collection & analysis
- Flight planning & mission execution
- Aircraft maintenance & sustainment
- Fuel logistics in wargaming

2 billion

Gallons of aviation fuel used by the Air Force annually

8,000

Number of sorties that could be fueled from a 1% efficiency increase*

OPTIMIZING OPERATIONAL ENERGY LEADS TO:

INCREASED COMBAT CAPABILITY



INCREASED AIRCRAFT LIFESPAN



LOWER AIRCRAFT MAINTENANCE COSTS



MORE TRAINING OPPORTUNITIES



*All numbers approximate;
Based on 2017 data

