**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.

*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

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*

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

*All numbers approximate;
Based on 2017 data

OPTIMIZING OPERATIONAL ENERGY LEADS TO:
- INCREASED COMBAT CAPABILITY
- INCREASED AIRCRAFT LIFESPAN
- LOWER AIRCRAFT MAINTENANCE COSTS
- MORE TRAINING OPPORTUNITIES