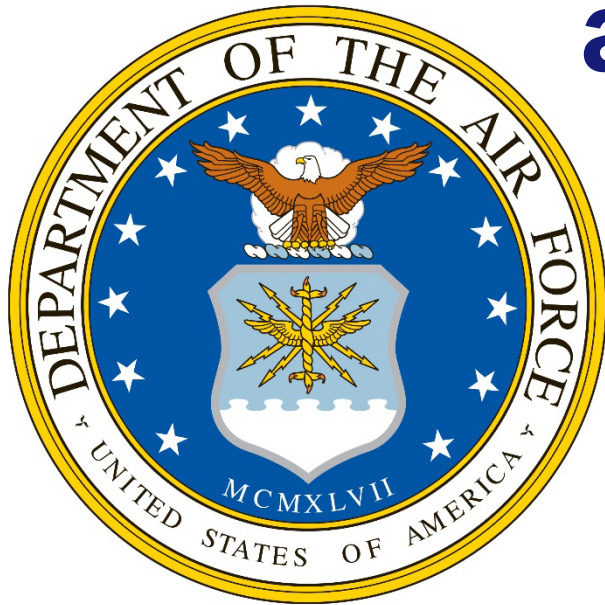


# ***Department of the Air Force***

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*Integrity - Service - Excellence*

## **Mission Sustainment, Energy and Outreach to Communities**



**Mike "Pappy" Penland  
John Rowe  
Stephanie Brown  
John Steele**



# Administration Goals

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- Wind energy is the **largest source** of renewable power in the United States, accounting for more than 10% of total domestic electricity generation
- To achieve a fully decarbonized power sector by 2035, the pace of wind energy deployment must increase
  - From an average of 7 gigawatts (GW) per year today to between 70 and 145 GW per year by the end of the decade
- Wind and waterpower are poised to play an important role in the Biden-Harris Administration's broader strategy
  - **Deployment of 30 gigawatts of offshore wind energy by 2030** and achieve a net-zero carbon economy by 2050



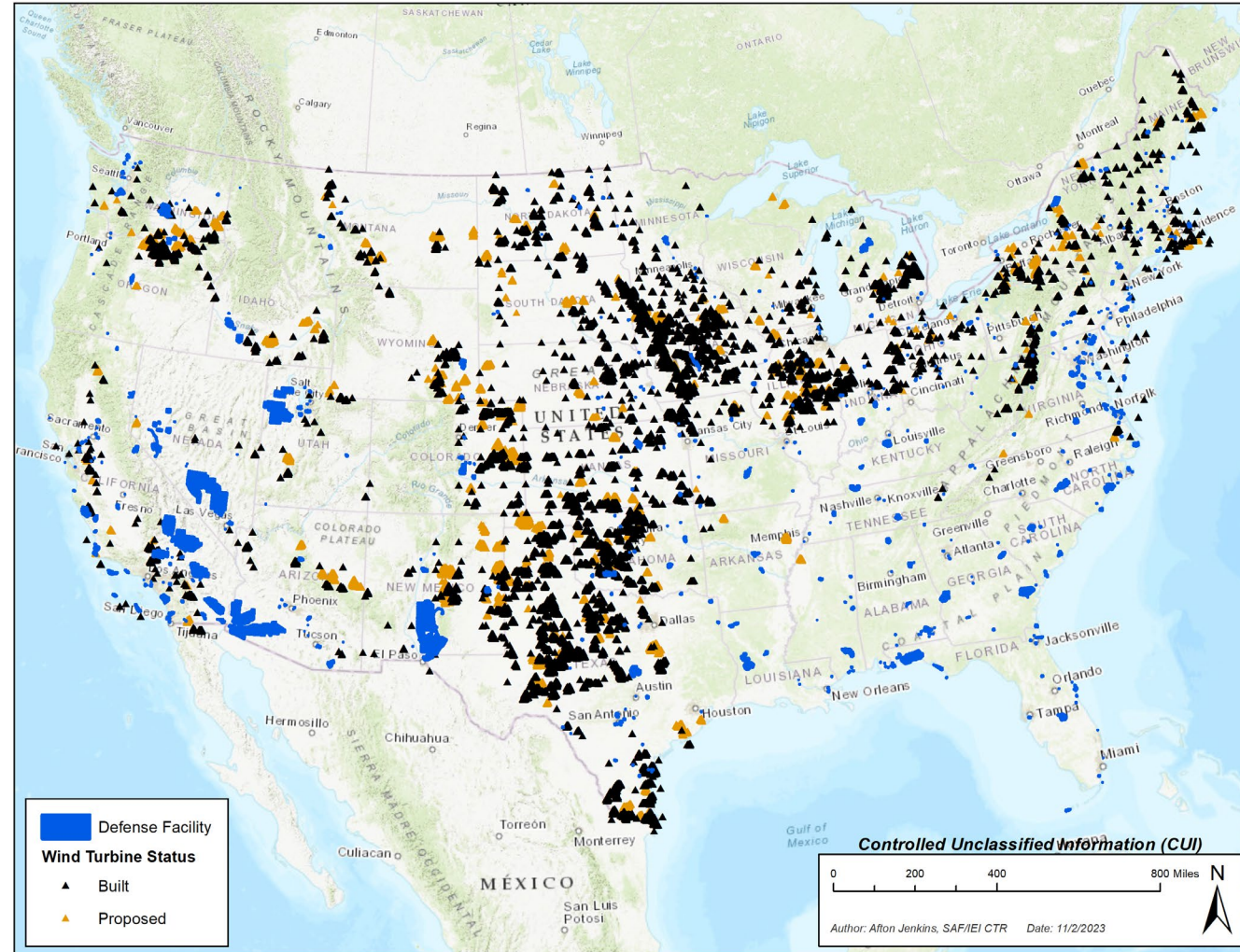
# ***Air Force Mission Sustainment Program***

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- **DoD Siting Clearinghouse created in FY 2011 National Defense Authorization Act**
  - **Deputy Assistant Secretary of the Air Force (Installations) works with Department of Defense Siting Clearinghouse to preserve and sustain missions into future**
- **Air Force Installations are an air power projection platform, where we train is key**
  - **Minimizing impacts to airspace, low levels and ranges is critical to combat readiness**
- **Reviewing and analyzing energy development is an important part of Air Force Mission Sustainment Program**
- **Air Force Energy Review Process Goals:**
  - **Accurately assess potential mission impacts of a proposed project, both locally and cumulatively**
  - **Identify feasible and affordable mitigation options to potential mission impacts caused by proposed energy projects**
  - **Protect Dept of Air Force mission while supporting compatible energy development**



# Built & Proposed Wind Turbines and Military Installations



According to American Wind Energy Association, In 2018 35% of the Wind Fleet operated within 50 miles of a military installation





# Questions?



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