

# UNLEASHING THE GRID

## ENERGY DOMINANCE FOR NATIONAL DEFENSE



“Unleashing The Grid: Energy Dominance For National Defense” presents a framework for defense stakeholders to understand grid risk in their regions and explore the national defense opportunities presented by transmission infrastructure expansion.



### WHY IS TRANSMISSION IMPORTANT TO NATIONAL DEFENSE?

#### **Electricity underpins national defense.**

Military installations, defense communities, and defense manufacturing rely almost entirely on the grid. A strong electricity transmission backbone assures abundant energy for national defense.



### WHAT ABILITY DOES THE DEPARTMENT OF DEFENSE (DOD) HAVE TO INFLUENCE GRID RESILIENCE?

#### **Energy resilience and security are at the core of defense energy policy.**

DoD is increasingly engaging with utility and community partners on readiness strategies, defense critical electric infrastructure, and bulk-power system resilience.



### WHAT SHOULD TRANSMISSION PLANNING FOR NATIONAL DEFENSE ACCOMPLISH?

#### **Increase the warfighting and homeland defense capabilities of the military.**

Transmission expansion should prioritize energy assurance to critical DoD missions, incorporate DoD energy loads into planning, identify and efficiently connect growing missions and facilities, and provide cost-effective reliability.



### HOW CAN DEFENSE STAKEHOLDERS ASSESS THE NEED FOR TRANSMISSION EXPANSION?

#### **Defense stakeholders must understand the risks to the grid supporting them.**

Defense stakeholders can utilize public data related to bulk-power system reliability, projected electricity demand growth, changes in the electricity mix, and recent studies of potential transmission expansion.



### WHAT ARE THE REGULATORY PROCESSES AND POLICY AUTHORITIES THAT GOVERN TRANSMISSION?

#### **Policies and processes are at the state, regional, and federal levels.**

Under President Trump’s Executive Order, “Declaring a National Energy Emergency,” the Department of Energy (DOE) will identify and exercise all lawful authorities to strengthen the U.S. grid, including the backbone of our grid, our transmission system.



**CONVERGE**  
STRATEGIES

Aligning national defense and electricity system expansion requires a substantial shift in the way critical infrastructure in the U.S. is planned, constructed, and operated.