

Energy Security/Resiliency

- ▶ Energy Security is “having assured access to reliable supplies of energy and the ability to protect and deliver sufficient energy to meet mission essential requirements” - FY2012, National Defense Authorization Act (NDAA)
- ▶ Resiliency is “the ability to anticipate, prepare for, and adapt to changing conditions and withstand, respond to, and recover rapidly from disruptions” – E.O. 13653
- ▶ Key elements of Energy Security/Resiliency Planning



- Important facilities
- Critical missions
- Communication & cybersecurity
- Physical infrastructure security



- Existing plans
- Future installation investment plans
- Existing backup systems



- Physical and cyber threat identification
- Utility vulnerability
- Impact on core functions
- Temporal scenarios
- Risk prioritization



- Infrastructure efficiency
- On-site generation economic analysis of resiliency options
- Microgrid design
- Cybersecurity plan



- Financing options
- Implementation schedule
- External partner coordination
- Communication strategy
- Continued evaluation of risks



The level of detail needed for a specific site's planning process depends on size of site, and the complexity and maturity of site systems.