



Quarterly Business Meeting

November 9, 2017

NIAC The President's National
Infrastructure Advisory Council

Agenda

- ▶ Discussion of initial scoping for the next NIAC study
- ▶ Panel discussion with lifeline sector representatives to provide input on the NIAC scoping study effort

NIAC Scoping Study – Long-Duration Power Outage

- ▶ **Task:** Identify the scope, framing questions, and recommended approach for a study examining the cross-sector **interdependencies and risks associated with a long-duration power outage.**
- ▶ Consider how the 2017 hurricanes may provide relevant case studies to the next NIAC study.
- ▶ Incorporate the NIAC's identified process improvements and leverage the ongoing work of other councils, agencies, and sector organizations where possible.
- ▶ **Anticipated Timeline:**
 - November 2017: Begin Scoping Study
 - February 2018: Report on Scoping Study results / Launch full study
 - December 2018: Complete full study

Issues to Consider During Scoping Study

- ▶ What cascading risks do interdependent sectors face from a long-term power outage? What adaptive strategies could reduce these risks?
- ▶ As historical threats/hazards increase in severity, what strategies are needed to plan for, fund, and build infrastructure that can withstand future impacts over the infrastructure lifecycle?
- ▶ How can we ensure that capital investments build—and re-build—infrastructure that is more resilient and adaptable?
- ▶ What criteria or measures could be applied to federally funded infrastructure projects to help ensure resilience?
- ▶ What are the greatest barriers to public-private, cross-sector, and regional collaboration to improve the resilience of interdependent infrastructure?
- ▶ What are the challenges and barriers preventing the insurance market from assessing and encouraging investment in resilience? What federal or state measures might provide incentives for risk mitigation and resilient practices?

Additional Issues to Consider

- ▶ What are the unique challenges/limitations when dealing with different problem sets (e.g., CONUS vs. OCONUS)?
- ▶ What are the applicable risks to public health, infrastructure operations, law enforcement and public safety, supply chain, and economic functioning that must be considered while executing response and recovery activities in impacted areas?
- ▶ What are the interdependencies between and among multiple infrastructure sectors that must be factored into short- and long-term power restoration planning and execution?
- ▶ How can the NIAC ensure cyber incidents are considered as a part of this analysis? For example, does the potential of a disruptive cyber attack causing a long-duration power outage require different adaptive strategies or investments than natural hazards?