

# InfraGard EMP SIG Wyoming Update

**December 2018**

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*Ver 1*

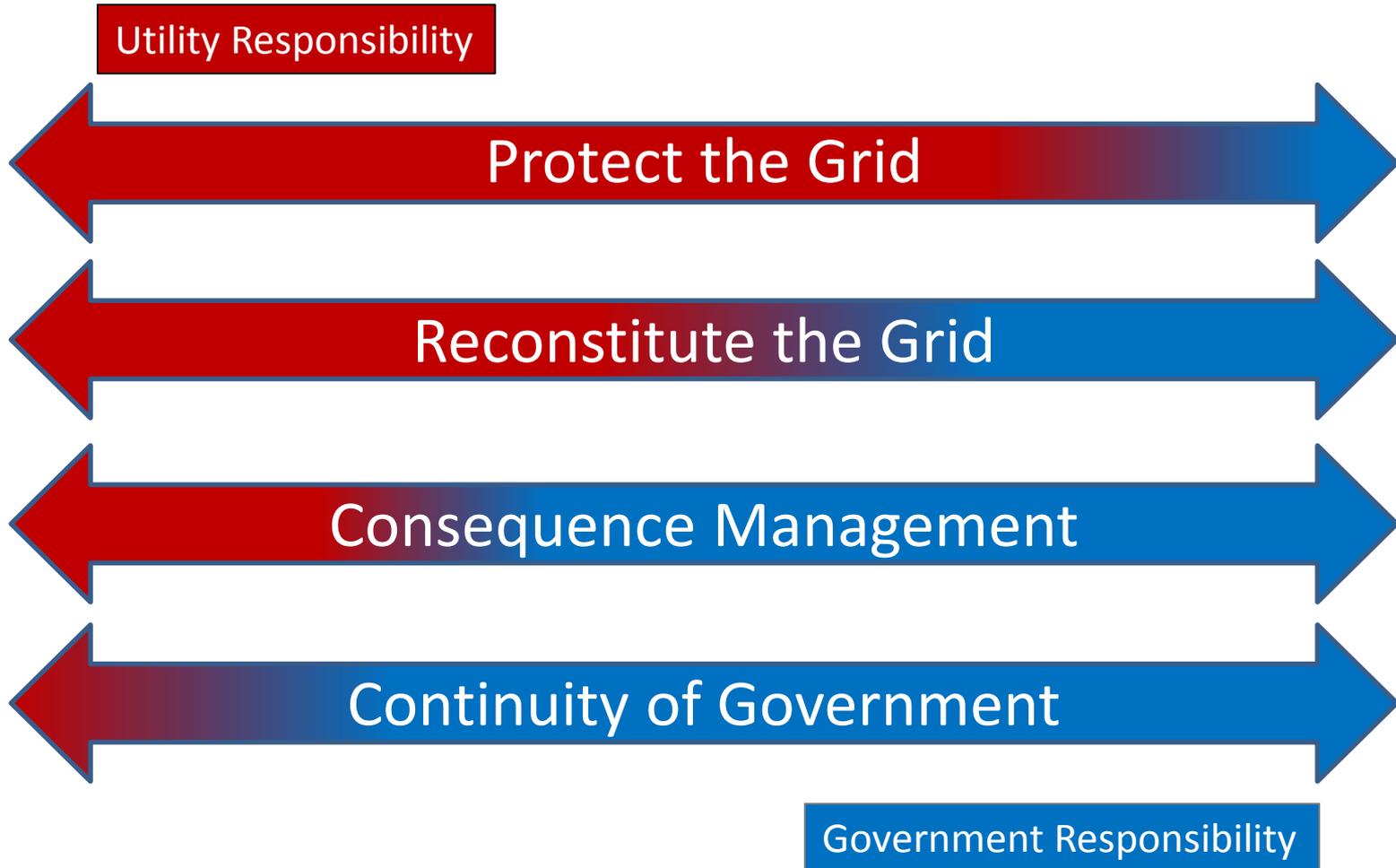
# Key Events to Date

- Identification of issue: Fall 2017
- Initial Meetings with Utility Leaders: “Do we have a potential problem and should we really do this type of planning?” YES
- Steering Committee Formed
- Table Top Exercise with Governor (May 18)
- Fall 18 – Initial briefs to County, Municipal and local authorities. (eg. Water and Sewer Operators, Law Enforcement, Firefighters)
- Fall 18 – Steering Committee and Utility partners visit Idaho National Lab

# Initial Planning Thoughts:

## Establish Lines of Efforts

links multiple tasks and missions using the logic of purpose—cause and effect—to focus **efforts** toward establishing desired conditions.



# Planning Assumptions

- The event is **Nationwide**, no (or very limited) assistance is coming from surrounding states.
- \*\*\* Most power **generation facilities survive** and retain the ability to produce power with limited repair work or mitigation.
- \*\*\* All **transformers** required to conduct black start operations and/or provide power to local communities are available somewhere in the system for use.
- \*\*\* The ability to move transformers to power critical paths exists.
- \*\*\* Surviving generation facilities in Wyoming will **successfully conduct a black start**.
- Initial and limited power from local power generation assets can be restored within **90 days**. Full recovery could be a year (+).

\*\*\* Requires action now to ensure assumption is true at time of event

# Planning Assumptions

- Most poles, lines and insulators are intact or repairable.
- Military rotary wing aircraft are available to assist with initial damage surveys.
- \*\*\* Due to degradation of infrastructure there will be **limited communication** assets available between private, public and government sectors. Enough communications will be available to conduct black start operations, conduct rudimentary command and control.
- \*\*\* We will have the ability in the state to broadcast **emergency notification messages** and general information or instructions to our residents.

\*\*\* Requires action now to ensure assumption is true at time of event

# Planning Assumptions

- Population migrations may occur to locations that are able to produce power.
- **Enough vehicles** are operational to provide required transportation to support repairs of critical infrastructure and key resources.
- \*\*\* Access to existing resources within the state exists and the assets, including fuel (at fuel stations and in bulk), and bulk food storage can be secured.

\*\*\* Requires action now to ensure assumption is true at time of event

# Next Steps

- Work through Wyoming Governor transition
- Detailed coordination with Municipal and County Governments
- Additional agency and group coordination
- Publish “Long Term Power Outage” to the State all Hazard Plan by 30 Sep 19
- Exercise and refine