# CLIMATE RISK ANALYSIS COHORT
# TECHNICAL ASSISTANCE FOR ELECTRIC UTILITIES

## ABOUT THE COHORT OPPORTUNITY

Supported by the U.S. Department of Energy's (DOE) Grid Deployment Office (GDO), Argonne National Laboratory (Argonne) is offering no-cost technical assistance to electric utilities to help enhance climate resilience planning efforts. Over the course of a yearlong collaborative cohort effort, participating utility members will learn about climate science, deploy climate risk analytical tools, and develop internal capabilities needed to begin crafting a climate resilience plan. Argonne is actively searching for utilities with geographic diversity to capture a diverse set of climate risks.

## WHAT WILL COHORT MEMBERS GAIN?

**Enhanced Utility Climate Resilience Planning Capabilities:** Utilities will learn to implement cutting-edge climate risk analytic tools from instructors with experience conducting utility-relevant climate vulnerability assessments. Members will have the opportunity to share best practices with peers and start developing a roadmap for future risk mitigation and adaptation.
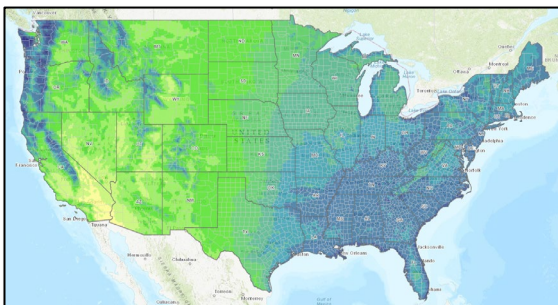
**Access to Climate Impact Information Tailored to their Needs:** Utilities will have the opportunity to request information that is most needed by utilities to plan for climate-induced impacts. The Argonne team will work to deliver customized climate information to participating members.

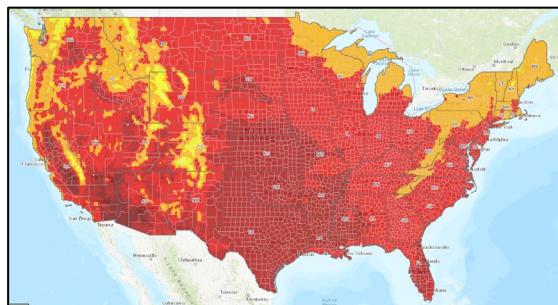## WHAT IS EXPECTED OF COHORT MEMBERS?

Cohort members should have a genuine interest in analyzing their climate risk, crafting resilience plans, and the ability to dedicate at least one employee to participate in cohort activities. Members are expected to engage in monthly virtual meetings, coordinate internally to assess the utility's climate risk using the tools discovered through the monthly learning series, and provide constructive feedback on materials developed throughout the cohort process. Cohort members will also be asked to engage with internal and external subject matter experts to understand key assets and risks to the utility.

## BACKGROUND ON ARGONNE'S CLIMATE SCIENCE AND MODELING

Argonne's Climate Risk and Resilience Portal (ClimRR) empowers individuals, governments, and organizations to examine simulated future climate conditions at mid- and end-of-century for a range of climate impacts. ClimRR was developed by the Center for Climate Resilience and Decision Science at Argonne in collaboration with AT&T and the United States Department of Homeland Security's Federal Emergency Management Agency (FEMA). ClimRR's data and tools can help utilities plan for climate change.



*Annual Total Precipitation | End-Century RCP 8.5*



*Max Daily Summer Temp. | Mid-Century RCP 8.5*

Reach out to Ashton Raffety (araffety@anl.gov) at Argonne to express interest and learn more.

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