



Planning an Affordable, Resilient & Sustainable Power Grid

October 7, 2021, 1:00 pm - 4:00pm

AGENDA

~ Project Goal:

The goal of this project is to develop an affordable, resilient and sustainable grid roadmap to inform key energy planning processes.

~ Meeting Objectives:

- Present the approach and results of the resiliency study.
- Take final input from stakeholders regarding metrics, approach, and results of the study.

~1:00 - 1:30 PM Welcome, Introductions & Background

- Introductions and Agenda – *Christina Kopitopoulou* (Senior Project Manager, NC Clean Energy Technology Center)
- Welcome – *Greg Dierkers* (Project Officer, U.S. Department of Energy)
- The Significance of Energy Resiliency in NC – *Sushma Masemore* (Assistant Secretary for Environment, NC Department of Environmental Quality)
- Utility Participation – *Evan Shearer* (Principal Planning & Regulatory Specialist, Duke Energy)

~ 1:30 - 2:00 PM Study Approach and Results I - *Rob Cox* (Associate Director, EPIC)

- Lessons learned from the baseline analysis of existing NC grid infrastructure and past events
 - What are the impacts of past events?
 - How is the distribution grid impacted?
 - Need for coordination between local governments and the utility

~ 2:00 - 2:30 PM Breakout groups

During this session, the team seeks to collect feedback on specific questions and provide the opportunity to stakeholders to offer additional input regarding the concepts and results discussed during the Study Approach and Results I segment.

During this session, the team seeks specific feedback on how to improve communications and planning between utilities and local stakeholders.

~ 2:30 - 2:45 PM Stretch Break

~ 2:45 - 3:15 PM Study Approach and Results II - Rob Cox (Associate Director, EPIC) & Christina Kopitopoulou (Senior Project Manager, NCCETC)

- Developing plans for resilient back-up power for critical infrastructure and critical community services:
 - The cost of resilient back-up power
 - Alternative financing
 - Cost of resilience

~ 3:15 - 3:45 PM Breakout groups

During this session, the team seeks to collect feedback on specific questions and provide the opportunity to stakeholders to offer additional input regarding the concepts and results discussed during the Study Approach and Results II segment.

During this session, the team seeks specific feedback on the difficulties communities have in paying for resilient back-up power on their own.

~ 3:45 - 4:00 PM Wrap-Up and Next Steps

Opportunity for additional participant questions. Discussion of the process by which the organizers will use the input provided by the participants in the final energy resilience planning roadmap.

~ Adjourn

For more information on the project visit:

<https://epic.uncc.edu/research/research-activity/parsg-project>