

#### **Resiliency Study**

Mitigation of Impact of Threats to Safe and Reliable Utility Service

2021-66-A

South Carolina Office of Regulatory Staff | June 3, 2021

# **Objectives**

- The goals of this presentation are as follows:
  - 1) Provide background information regarding the project.
  - 2) Clearly identify the purpose of the Resiliency Study.
  - 3) Identify the participants.
  - 4) Provide some information on the Process for the project.



# Background

- The extreme weather conditions in February 2021 resulted in interruptions to electric service that left customers in Texas without essential heat and potable water.
- In response, Governor McMaster requested that ORS undertake a comprehensive review of South Carolina's public and private power grid to evaluate the ability to withstand potential ice storms and other dangerous winter weather.





• The purpose of the Resiliency Study is to determine what measures have been, or will be taken to:

1) mitigate the negative impacts of ice storms and other dangerous weather conditions to the provision of safe and reliable utility service, and

2) ensure peak customer demands on the utility system can be met during extreme weather scenarios.



### Timeline

- February 19 Governor's request to undertake a comprehensive review
- February 22 ORS files Motion to Solicit Comments
- March 10 Commission Order No. 2021-163 Establishing Docket
- June 11 Initial Comments due from utilities and interested parties
- June 25 Responsive Comments due
- September ORS Draft Report
- December ORS Final Report



### Process

- All information filed with the PSC can be found on <u>DMS</u> (<u>https://dms.psc.sc.gov/Web/Dockets</u>)
- The PSC established a timeline for the docket, which includes filing deadlines.
- <u>Electronic Filing</u> at the PSC can be done through My DMS (<u>https://dms.psc.sc.gov/MyDms/Login</u>).
- ORS may serve discovery or information requests on the parties in order to understand the issues and facts. Responses typically will be due two weeks after the date of service.
- "Initial Comments" outlining measures utilities have taken and plan to take to mitigate the negative impacts of potential ice storms and other dangerous weather conditions and ensure peak customer demands on the utility system are due no later than June 11, 2021.



	Public Service Commission South Carolina	Logged in as [Sign Out]
<b>↑</b> Home / <b>Q</b> Docket Se	arch	Year-Seq-Type Q Search Docket or NDI
Find Dockets		
Individua Organization		
Full Text Search Q Full Text Search (Orde	ers Only) <b>Q</b> Full Text Search (Matters Only)	





Logged in as [Sign Out]

#### 🛧 Home / 🗎 My DMS / 🚔 Login

#### Q Search Docket or NDI Year-Seq-Type

My Dms - Please sign in			
Username	Username		
Password	Password		
Register	Forgot Password?	Sign In	

This system is solely for the use of registered My DMS, including E-File, users and authorized Commission personnel. The information contained herein is the property of Commission and subject to non-disclosure, security and confidentiality requirements. The Commission shall monitor system usage for unauthorized activities. Any user accessing this system expressly consents to such monitoring.

South Carolina

#### Privacy Policy

\* User Passwords will expire after 180 days.



Public Service Commission of South Carolina 101 Executive Center Dr., Suite 100 Columbia, SC 29210 803-896-5100 www.psc.sc.gov contact@psc.sc.gov

#### DMS Home Docket Search NDI Search Agendas E-File My DMS

Matters

Orders Order Index Meetings & Hearings Email Subscriptions

Admin

#### Others

ETariff PSC Website

© 2021 Public Service Commission of South Carolina

### **Initial Comments Should Include at a Minimum**

- Identification of Threats to Utility Service
- Identification of the Impacts to Utility Service
- Assessment of Vulnerabilities
- Assessment of Risks to Utility Service
- Identification of Resiliency Solutions
- Identification of Other Federal and State Reliability Requirements
- Assessment of Current Utility Processes and Systems to Withstand Potential Ice Storms and other Winter Weather Conditions
- Identification of Best Practices, Lessons Learned and Challenges to Utility Service
- For more information see <u>Commission Order No. 2021-163</u>



# Confidentiality

- Pursuant to Section 58-4-55(A), ORS can require public utilities and electric cooperatives to produce books, records, and other information without a confidentiality agreement or protective order.
- ORS must treat the information as confidential or proprietary unless or until the producing party agrees otherwise or there is a ruling from the PSC allowing for different treatment.
- Unless there is a PSC finding to the contrary, all documents designated as confidential or proprietary are exempt from public disclosure under FOIA.
- ORS will work with those entities that are not public utilities or electric cooperatives to address confidentiality concerns



## The South Carolina Office of Regulatory Staff

and







- A leading global provider of consulting services to the public and commercial markets with the largest energy and sustainability consulting team in the industry
- Has served the world's 50 largest electric, water, and gas utilities; the 20 largest independent power generators; and the 20 largest gas distribution
- Offers seasoned professionals and highly skilled specialists to help clients transform their businesses, manage complexity, accelerate operational performance, meet compliance requirements, and respond to needed changes as the energy transition accelerates



#### **Guidehouse's Role**

- Perform analyses and develop recommendations
- Perform a review and comparison
- Research and identify best practices
- Perform analyses on the cost impacts
- Assist with the development of ORS recommendations
- Develop, organize, and draft the required comprehensive review
- ORS will convey information between Guidehouse and the parties and will be the point of contact for any questions from the participants



## **Guidehouse Assessment Team**

**Hector Artze** Partner in Charge ES&I Resiliency



Advisory & Quality ES&I Resiliencv

**Quality & Oversight** 

#### **Project Delivery Lead**



Project Management & Delivery Leader

Certified project manager

• Nearly 20 years of energy industry experience with a strong focus on projects, programs and initiatives related to grid modernization, grid resiliency and utility transformation



Subject Matter Expert Support

Guidehouse Analyst Support

Guidehouse Insights Research Services

#### ORS.SC.GOV

# Questions?



#### Michael Seaman-Huynh

Deputy Director – Energy Operations South Carolina Office of Regulatory Staff <u>mseamanhuynh@ors.sc.gov</u> 803.737.0850