

Building the Grid of the Future: An Energy Convening for Southeast Legislators

Thursday, September 12 - Saturday, September 14

Charleston, South Carolina

Thursday, September 12: Welcome	
Session and Time	Location
4:00 PM - 6:00 PM Check-in at Hotel	Francis Marion Hotel
6:00 PM - 8:00 PM Opening Reception	Ritual Rooftop Restaurant & Lounge

Friday, September 13: Setting the Scene	
Session and Time	Location
9:00 AM - 10:00 AM Breakfast and Registration	Francis Marion Hotel
10:00 AM - 11:15 AM Utility Regulation 101: Part 1 <ul style="list-style-type: none"> • <i>How do utilities function? Who controls generation? How are rates set? What is the role of the Public Utility/Service Commission? How do legislators fit into energy planning?</i> 	Francis Marion Hotel
11:15 AM - 12:30 PM Utility Regulation 101, Part 2: Innovative State Policies on Utility Regulation <ul style="list-style-type: none"> • <i>Performance-based ratemaking</i> • <i>Competitive Procurement</i> • <i>EV Ratemaking</i> • <i>Role of Consumer Advocate</i> 	Francis Marion Hotel
12:30 PM - 1:30 PM Lunch & Keynote Speaker	Francis Marion Hotel
1:30 PM - 3:00 PM State of the Grid in the Southeast <ul style="list-style-type: none"> • <i>What is the current state of the grid in the Southeast? What is an RTO and what do we have now? How does transmission work? Where is the South lacking in transmission planning? What are the downfalls of lack of planning?</i> 	Francis Marion Hotel

3:00 PM - 3:30 PM	Francis Marion Hotel
Paired Walk/Break	
3:30 PM - 5:00 PM	Francis Marion Hotel
What Can Legislators Do? <ul style="list-style-type: none"> • How can state legislators work to improve the grid? What has been done already and what can we learn from that? 	
5:00- 6:30 PM Break or Informal Happy Hour	
6:30 PM - 8:30 PM	South Carolina Aquarium
Dinner Reception: The Business Case for Clean Energy	

Saturday, September 14	
Session and Time	Location
8:00 AM - 9:00 AM	Francis Marion Hotel
Check-out & Breakfast	
9:30 AM - 10:30 AM	Dominion Energy Innovation Center
Tour of Duke Energy eGRID & Wind Turbine Drivetrain Testing Facility <ul style="list-style-type: none"> • The Duke Energy eGRID — Electrical Grid Research Innovation and Development — Center is housed in the Dominion Energy Innovation Center. The 15-megawatt hardware-in-the-loop grid simulator supports education, research, and economic development to speed new electrical technologies to market. The eGRID can simulate the electrical grid of any country in the world. The facility also includes the world’s most advanced wind-turbine drivetrain testing facility capable of full-scale, highly accelerated mechanical and electrical testing of advanced drivetrain systems for wind turbines. 	
10:30 AM - 11:00 AM	Zucker Family Graduate Education Center
Presentation & Q&A Time w/ Dominion Energy Innovation Center Staff	
11:00 AM - 12:30 PM	Zucker Family Graduate Education Center
Breakout Sessions on Various Action-Oriented Next Steps	
12:30 PM - 1:30 PM	Zucker Family Graduate Education Center
Lunch	
1:30 PM	
Legislators depart from the Zucker Family Graduate Education Center. A shuttle is available for direct service to the airport following the event.	