

**STATE OF NORTH CAROLINA
UTILITIES COMMISSION
RALEIGH**

DOCKET NO. E-100, SUB 164

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of	
Investigation of Energy Storage in) ORDER INITIATING
North Carolina) INVESTIGATION

BY THE COMMISSION: Session Law 2017-192 (House Bill 589) required, among other things, that the North Carolina Policy Collaboratory at the University of North Carolina at Chapel Hill conduct a study on energy storage technology. That study was to address how energy storage technologies may or may not provide value to North Carolina consumers based on factors such as capital investment, value to the electric grid, net utility savings, net job creation, and impact on consumer rates and service quality. The law also required that the study address the feasibility of energy storage in North Carolina, including services energy storage can provide that are not being performed currently, the economic potential or impact of energy storage deployment in North Carolina, and the identification of existing policies and recommended policy changes that may be considered to address a statewide coordinated energy storage policy.

As required by House Bill 589, the Collaboratory published its report, "Energy Storage Options for North Carolina,"¹ on December 1, 2018. On May 20, 2019, several of the report's authors presented the study findings to the Commission. The report outlines a variety of approaches and tactics available to State policy makers as a starting point for further deliberations in the development of a statewide coordinated energy storage policy. Without endorsing any particular policy changes at this time, the Commission agrees with the report that there is a need to prepare for increased storage deployment. Energy storage issues are currently presenting themselves in the Commission's integrated resources planning,² avoided cost,³ interconnection procedures,⁴ competitive procurement of renewable energy,⁵ utility pilot,⁶ and other Commission dockets. The Commission believes that additional foundational education regarding energy storage would allow it to build on that presented in the Collaboratory's Energy Storage Options report and increase the Commission's preparedness for addressing storage-related issues as they are presented going forward.

¹ The complete report is available at: <https://energy.ncsu.edu/storage/>.

² Docket No. E-100, Sub 157.

³ Docket No. E-100, Sub 158.

⁴ Docket No. E-100, Sub 101.

⁵ Docket Nos. E-2, Sub 1159 and E-7, Sub 1156.

⁶ E.g., Docket No. E-2, Sub 1185.

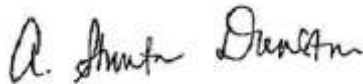
Therefore, the Commission will initiate a series of educational presentations by invited experts on various discrete energy storage-related topics. This docket is being established to provide a repository for transcripts of those presentations and to serve as a mechanism for providing public notice. Additional notice will be provided on the Commission's calendar and website, and users of the Commission's electronic docket system may subscribe to email notification in this docket to receive notice of scheduled presentations. Interested persons may file written statements in this docket, including recommendations for speakers and topics, and the presentations will be open to the public; however, participation at the presentations will be limited to questions by the Commission.

IT IS, THEREFORE, SO ORDERED.

ISSUED BY ORDER OF THE COMMISSION.

This the 4th day of September, 2019.

NORTH CAROLINA UTILITIES COMMISSION

A handwritten signature in dark ink, appearing to read "A. Shonta Dunston". The signature is written in a cursive, flowing style.

A. Shonta Dunston, Deputy Clerk