

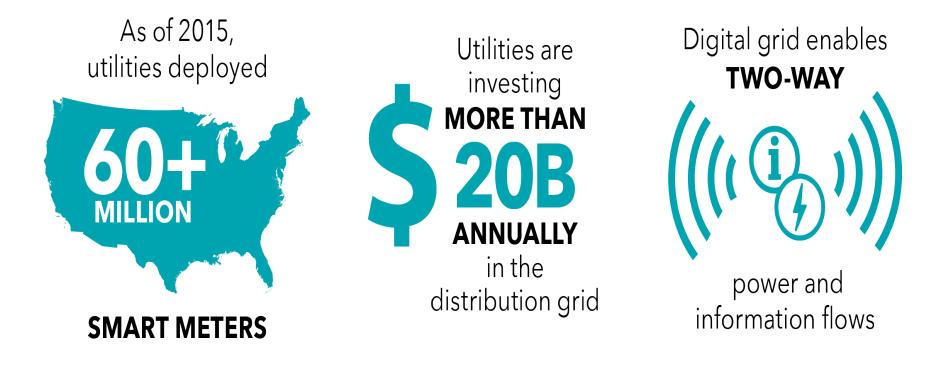
## The Electric Industry – Key Issues Shaping the Transformation

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New England Conference of Public Utilities Commissioners 69<sup>th</sup> Annual Symposium

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## The Electric Distribution System in Transition





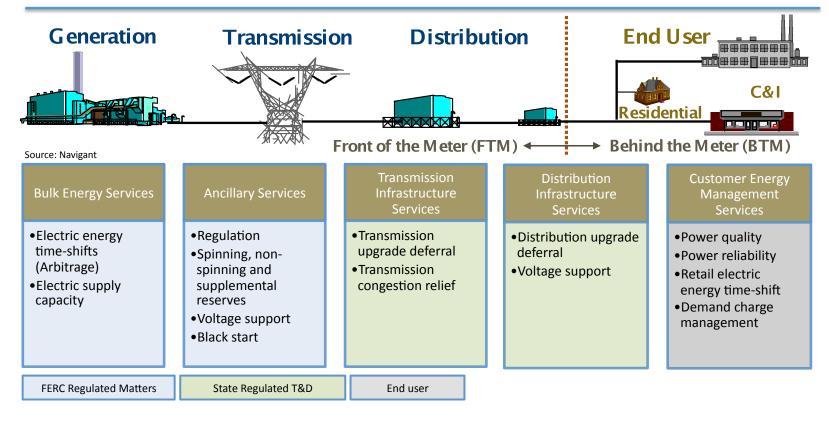
## Grid Evolution Requires Increasing Investment

- Grid Technologies
- Digitization
- Data Analytics
- Distribution system sensing and monitoring
- Controls to enhance operational efficiency and to integrate new resources to improve reliability and grid resiliency, achieve power supply diversity, and achieve evolving clean energy goals.



## **Energy Storage**

## Energy storage can be deployed in all parts of the grid, has applications in all parts of the value chain.





### Evolving Distribution Grid Public Policy Issues

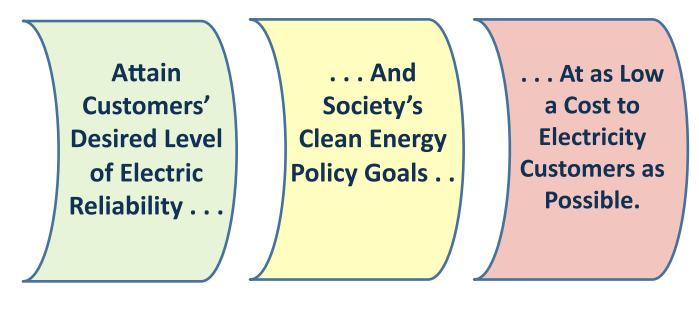
# The public policy issues relating to the evolving distribution grid fall into five categories:

- What planning process should be employed for the evolving grid?
- How should the grid be designed and constructed?
- How and by whom should the grid be operated?
- How and by whom should the grid DER marketplace be designed and managed? What services behind the meter can be provided and by whom?
- How should services be priced and rates determined?



## **Industry Goal**

#### Strike a Balance Among Reliability, Sustainability, and Affordability



Reliability Sustainability Affordability

