



ADVANCED ENERGY CHICAGO

Resiliency & Critical Infrastructure

COMMISSIONER SADZI M. OLIVA

ILLINOIS COMMERCE COMMISSION

Regulator's Role:

- **Ensure adequate, efficient, reliable, safe, and least-cost public utility services.**
- **Public Utilities Act**
 - **Reporting**
 - **Investigation**



Illinois Commerce Commission

Office of Cybersecurity & Risk Management

Internal



- **Promote awareness of cybersecurity issues and adoption of best practices and risk management**
- **Drive utilization and integration of innovative but secure technology resources**

External



- **Assess utility preparedness, adherence to standards, and adoption of risk mitigation best practices**
- **Facilitate utility industry collaboration and knowledge sharing including IOUs, Co-Ops and Municipalities**
- **Drive responsive preparations including communication strategies, coordination between utilities, and develop and attend exercises**
- **Partner with DHS, FEMA, IEMA, Illinois Terrorism Task Force and other First Responders**



Setting the Stage for a Resilient Grid in Illinois

- Energy Infrastructure Modernization Act (EIMA)
 - 2011
- Future Energy Jobs Act (FEJA)
 - 2017



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NextGrid Illinois

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- 18-month, consumer-focused *Utility of the Future Study*
- Initiated & led by: The Illinois Commerce Commission
- Facilitated by: Team of professors from the Electrical and Computer Engineering Department at the University of Illinois at Urbana-Champaign

www.nextgrid.illinois.gov



NextGrid Working Groups & Timeline

