

# Advanced Energy Group Lunch

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Chairman Carrie Zalewski

Illinois Commerce Commission

December 8, 2022





# ICC's Mission

Our mission is to balance the interests of consumers and utilities to ensure utility service is:

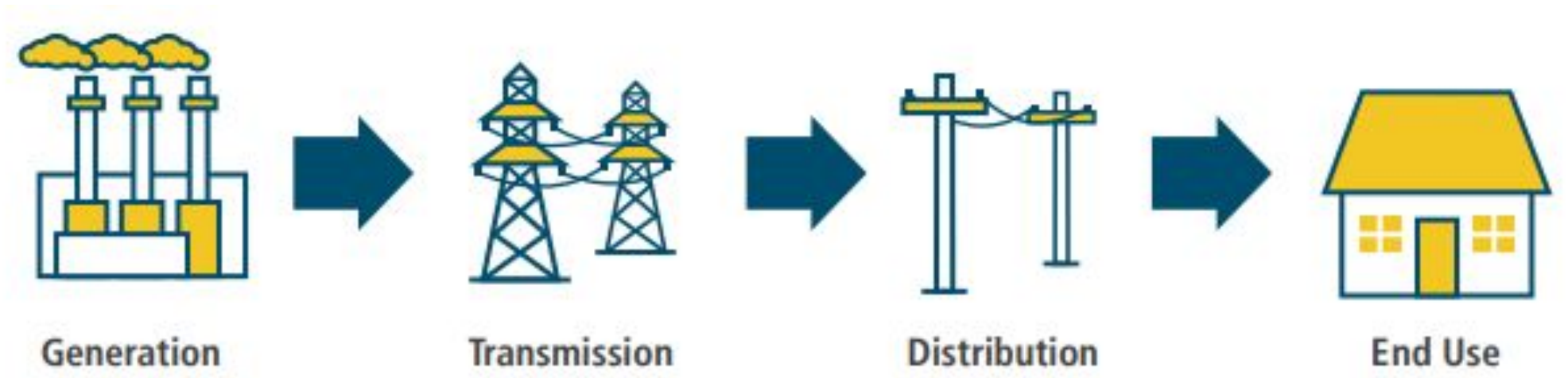
- Adequate
- Reliable
- Efficient
- Safe
- Affordable



# ICC's Role in Illinois' Energy Future

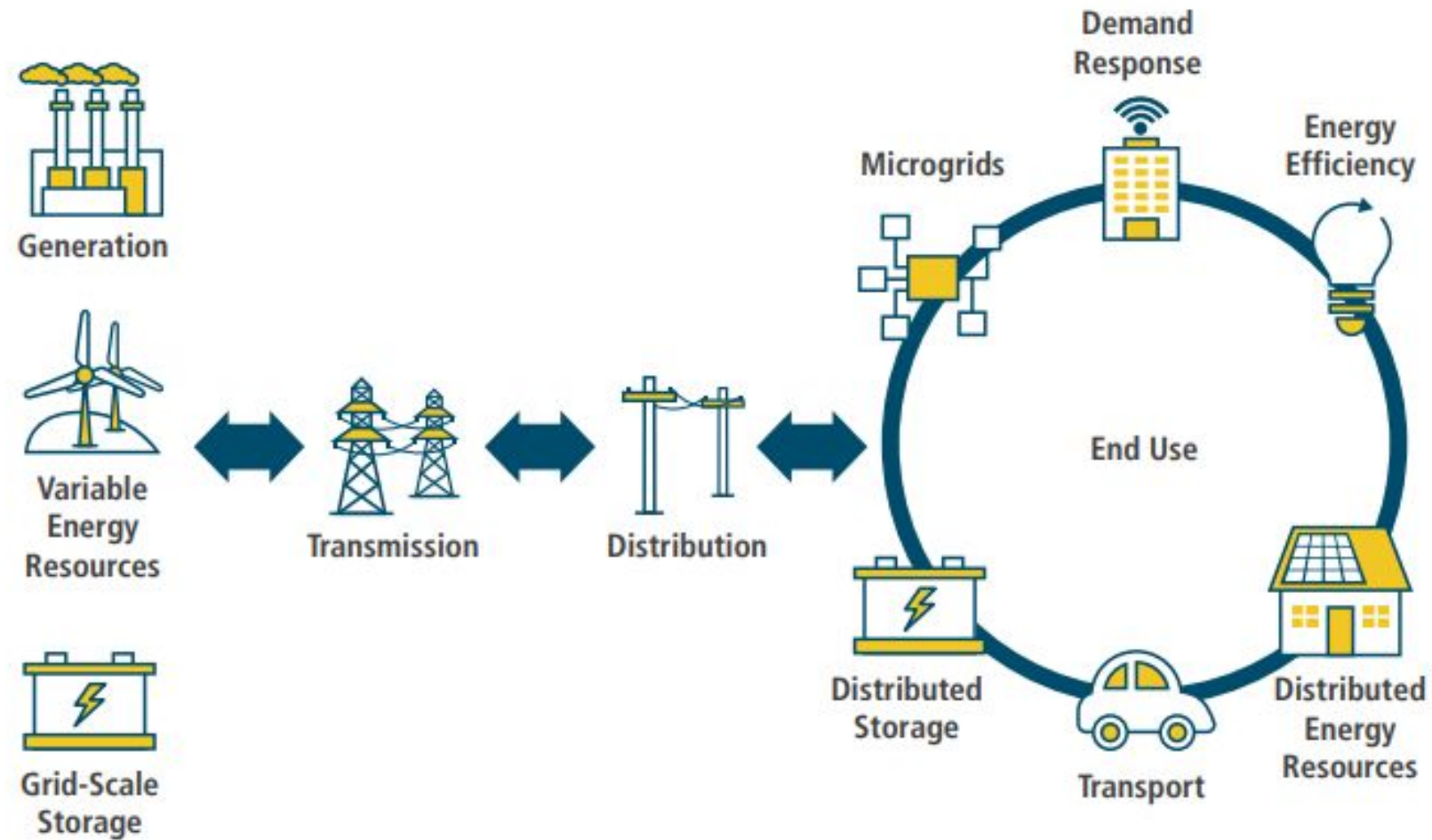


# Grid 1.0



*Source: U.S. DOE*

# The Emerging 21st-Century Grid 2.0



Source: U.S. DOE

# Climate and Equitable Jobs Act (CEJA)

- Official title: Energy Transition Act (Public Act 102-662)
- Effective September 15, 2021
- New renewable energy goals: 40% renewable energy by 2030, 50% by 2040, net-zero GHG emissions by 2050, doubles the RPS
- Coal and gas electric generation retirement goals: zero GHG emissions for coal by 2030, gas by 2045
- Beneficial electrification goal: 1 million additional EVs by 2030





# ICC's Authority under CEJA

- Performance-Based Ratemaking
- Multi-Year Integrated Grid Plan
- Beneficial Electrification Plans
- Renewable Energy Access Plan





# Performance-Based Ratemaking

## Purpose

- Align investor-owned utility business models with CEJA goals through financial incentives and penalties

## Timeline

- Commission approved metrics for ComEd and Ameren in September

Performance Metrics	
1.	Reliability, Resiliency, and Power Quality
2.	Peak Load Reduction
3.	Supplier Diversity
4.	Interconnection Timeliness
5.	Affordability

Tracking Metrics	
1.	Pollutant Reductions
2.	Grid Flexibility
3.	Cost Savings
4.	Job and Workforce Growth
5.	Grid Planning Benefits



# Multi-Year Integrated Grid Plans

## Purpose:

- Coordinate state renewable energy and environmental goals with utility investments over a 5-year horizon
- Maximize deployment of distributed energy resources
- Deliver benefits to equity eligible communities

## Timeline:

- Ameren and ComEd will submit draft plans by January 20, 2023
- ICC will approve final plans by December 15, 2023



# Beneficial Electrification Plans

## Purpose:

- ICC's role in meeting goal of 1 million EVs on the road by 2030
- ICC will approve plans from ComEd and Ameren that could include:
  - Optimized charging programs
  - Incentives for make ready infrastructure
  - Time of use rate design for EV charging
  - Incentives for electrification of medium and heavy-duty vehicles

## Timeline:

- Final Plans will be approved by the ICC in March 2023

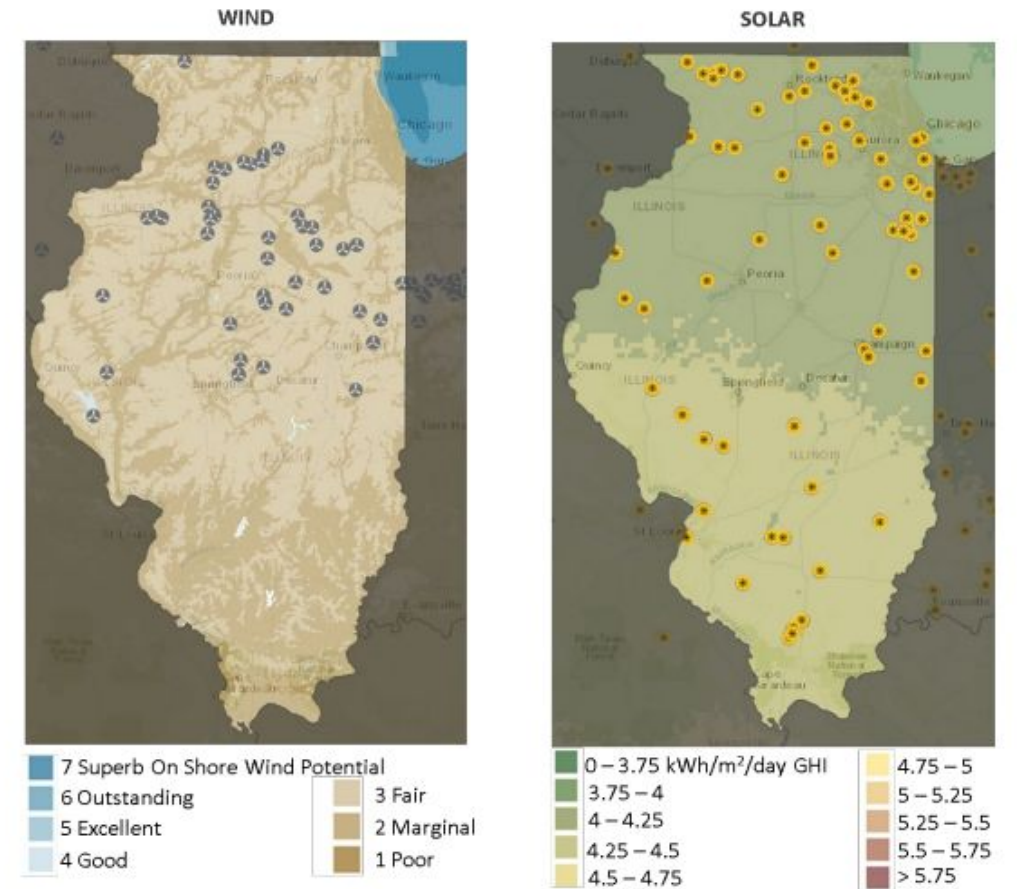
# Renewable Energy Access Plan (REAP)

## Purpose:

- Map out areas in Illinois that are ideal for the development of renewable energy resources
- Inform ICC, RTOs, and developers on transmission needs to meet renewable energy development

## Timeline:

- ICC will open formal REAP proceeding on December 15, 2022
- Final REAP approved in 2023



ce and Notes: [US Energy Information Administration GIS map.](#)

# RTO Engagement

- ICC advocates for IL through engagement in the Organization of PJM States, Inc. (OPSI) and the Organization of MISO States (OMS)
- OPSI and OMS allow the ICC to advocate for IL on key issues such as:
  - Market reform
  - Transmission planning
  - Cost allocation of transmission



# Thank you!

Chairman Carrie Zalewski  
Illinois Commerce Commission

[www.icc.illinois.gov](http://www.icc.illinois.gov)

