Introductions

Dr. Michael Jacoby, Ed.D., CAE, SFO,: Moderator
- Executive Director/CEO, Illinois ASBO

Haj Young: Speaker,
- Chief Executive Officer, Econergy/Future Green

Todd Main: Speaker,
- Director, Econergy/Future Green

The Future of Energy

Econergy helps school districts create their energy savings strategies

- Econergy is a services, management and renewable energy development company
  - Econergy works exclusively with consortiums to drive additional savings through our innovative approach to energy management
  - Deliver energy supply services at the lowest possible price
  - Develop onsite solar to maximize savings at scale, across the consortium
  - Integrated software, storage, solar, EV and microgrid solutions

econergy

Future Green ENERGY CONSORTIUM

power 4 SCHOOLS

Smart ENERGY NEW YORK

Commonwealth CLEAN ENERGY CONSORTIUM

2022 ANNUAL CONFERENCE

A Winning Combination

Illinois Energy Consortium is now powered by Future Green

Direct Benefits for Members

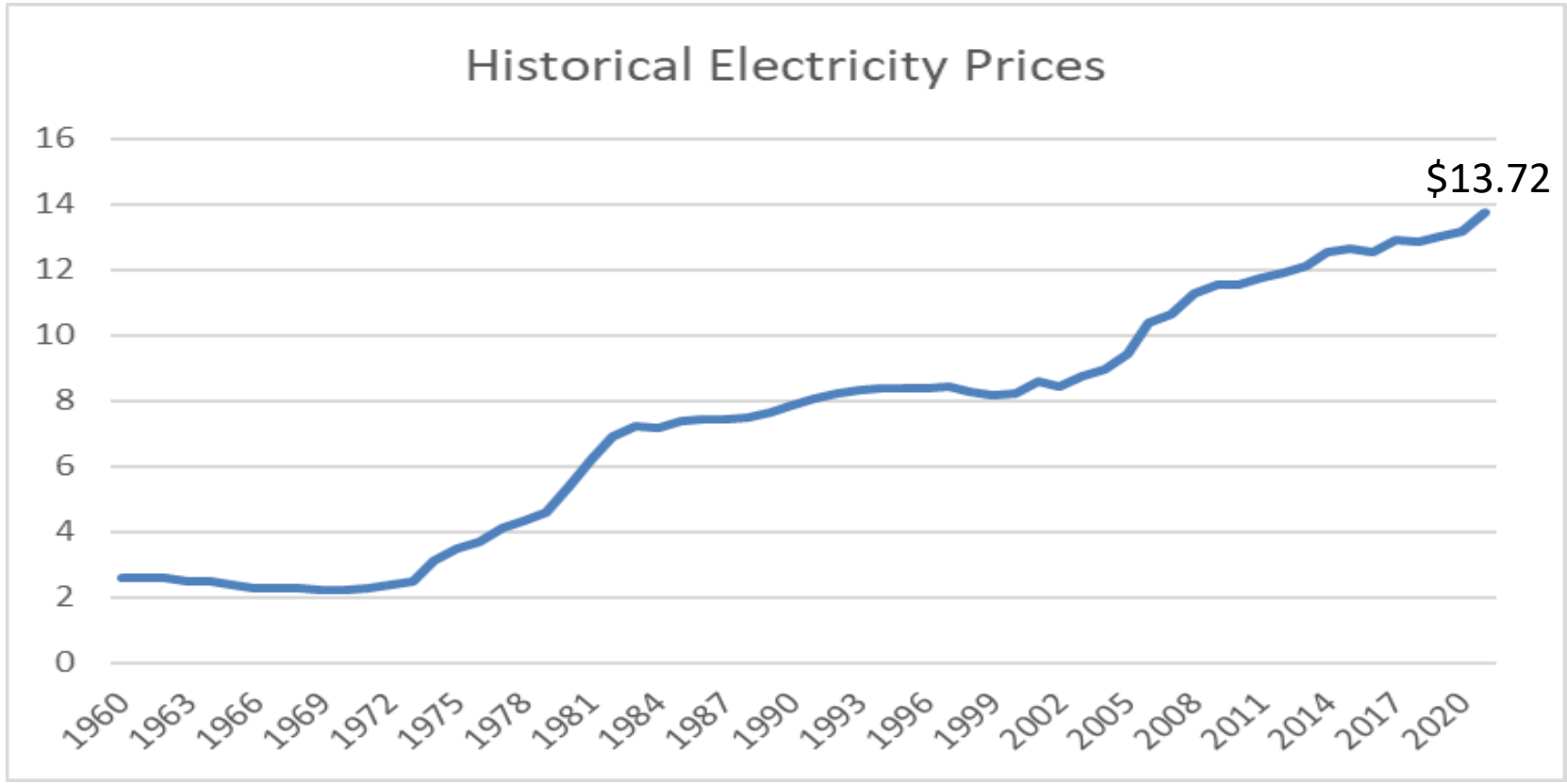
- Leverage the strength of aggregation
  - Below Market Pricing
  - Improved negotiation for protections in supply contracts

- Forward facing management
  - Renewables
  - Storage
  - Fleet Electrification

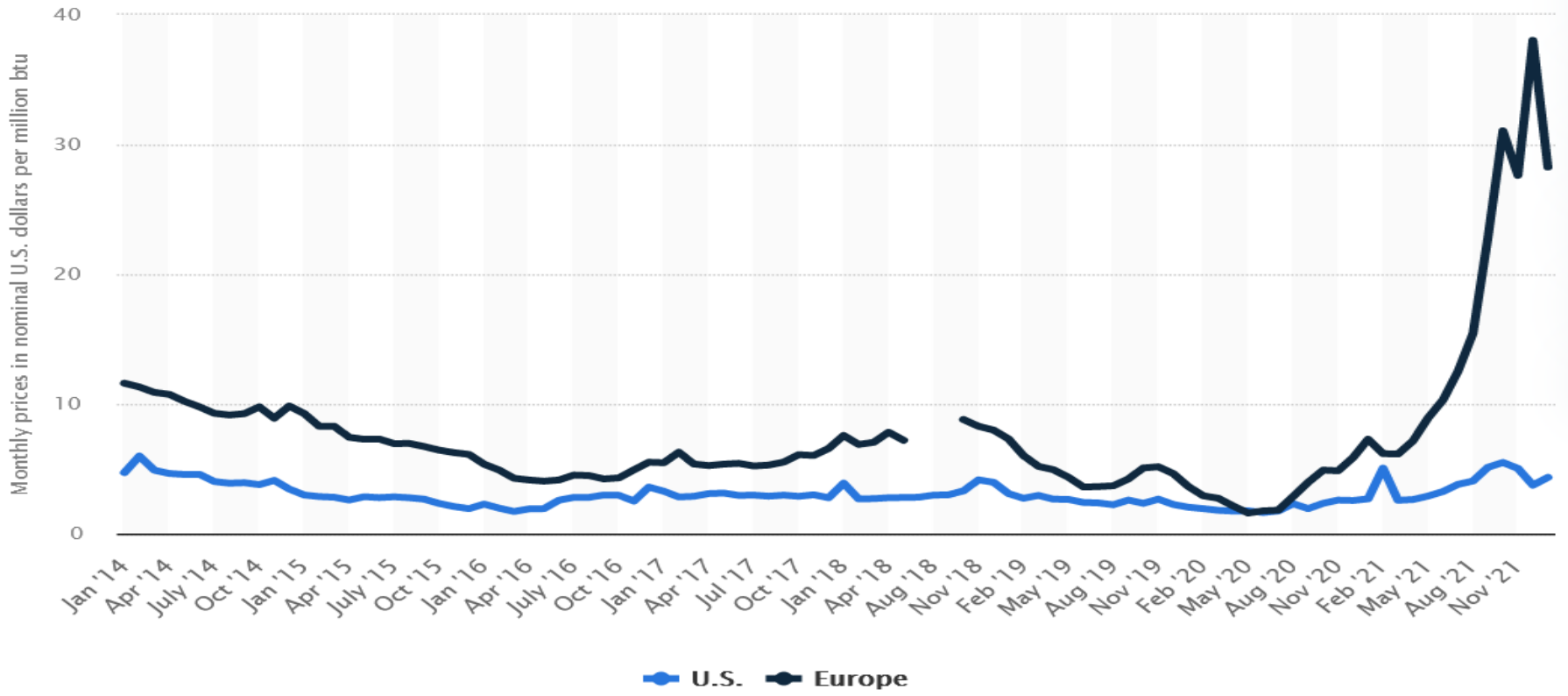
Challenges to Reducing Your Energy Spend

- Price Increases/Volatility
- Aging Distribution Assets
- Generation Transition

Price Trends – Increasing + Volatility



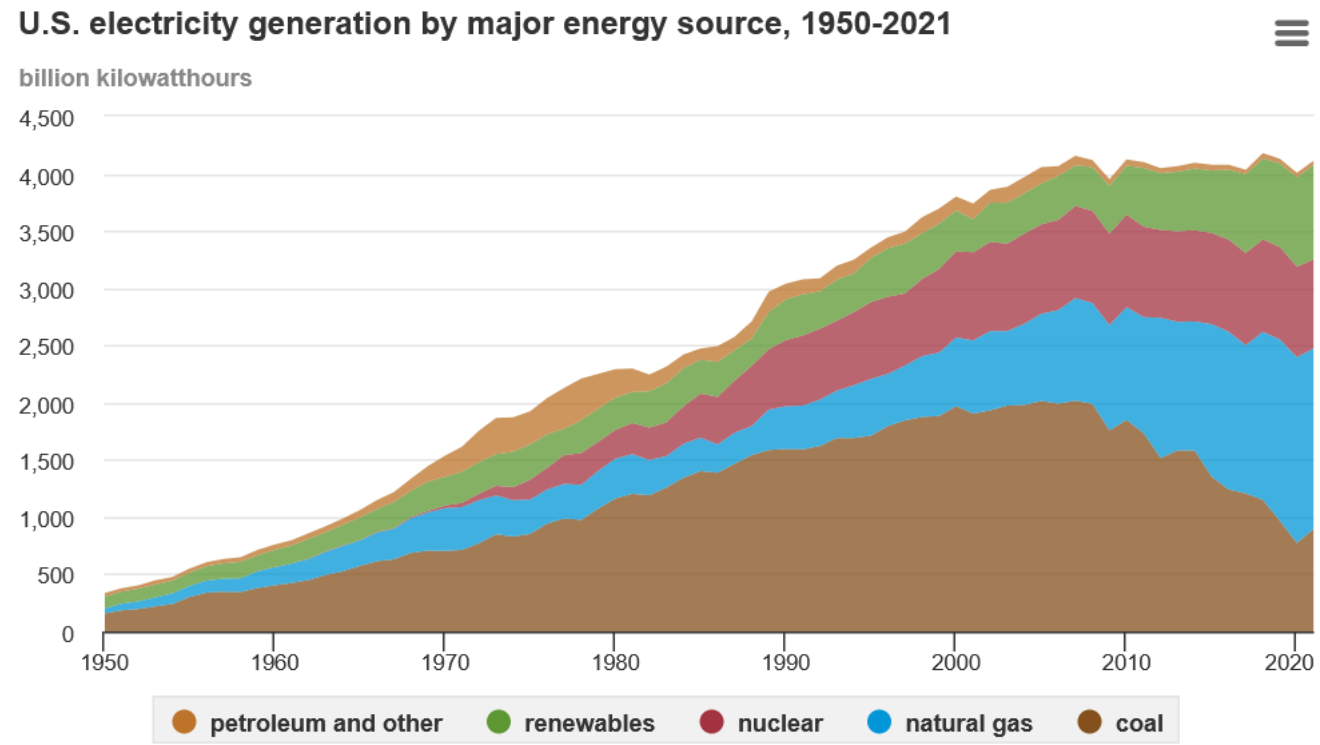
Monthly natural gas prices in United States and Europe from 2014 to 2022



Aging Distribution System

- Challenges
  - Two Way Power Flow, Storage
  - Technology Advances: Renewables, Transmission, Controls, EVs

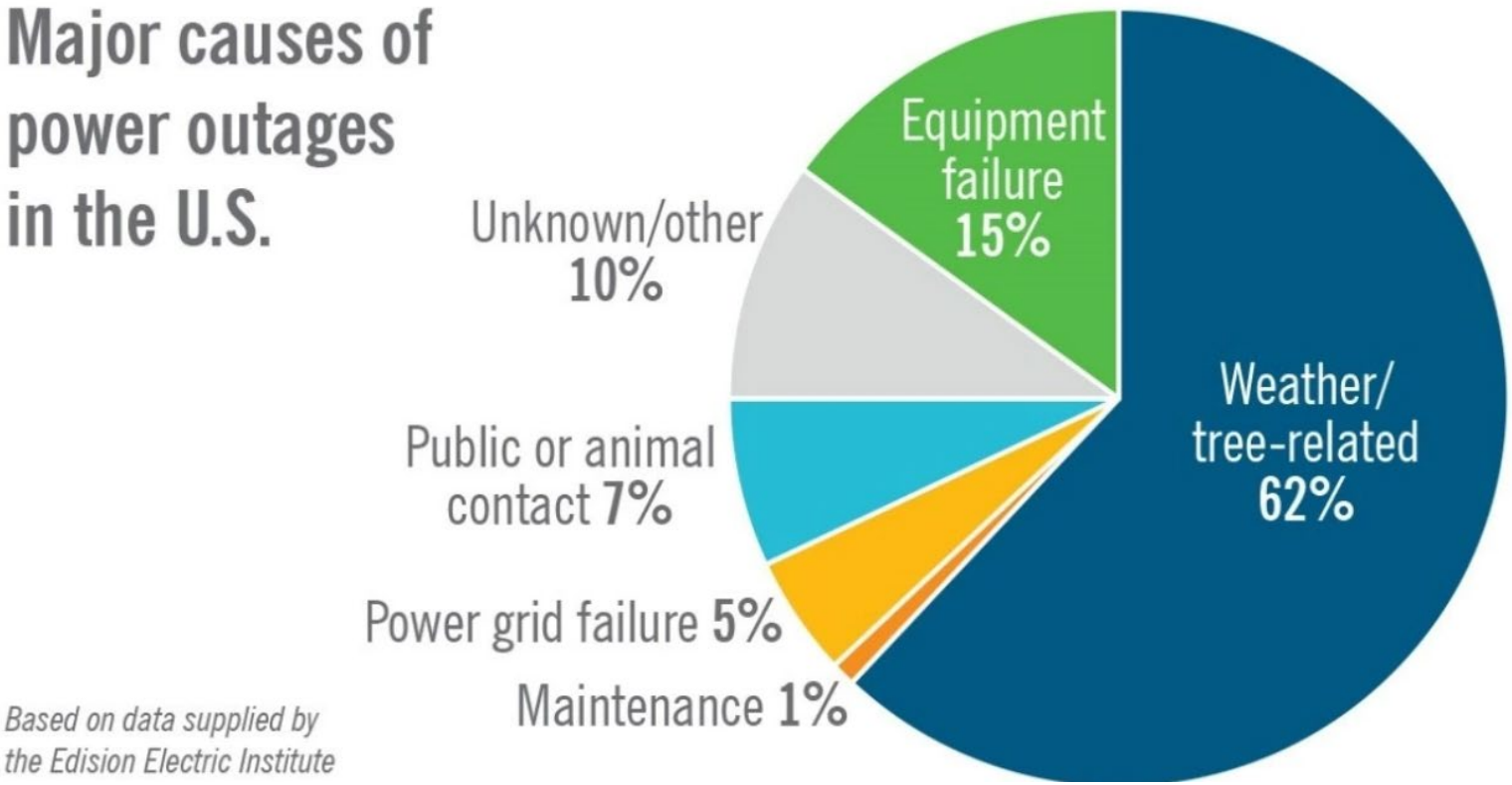
Generation Source Transition
High Carbon ⟶ Low Carbon



Response strategies that meet the challenges

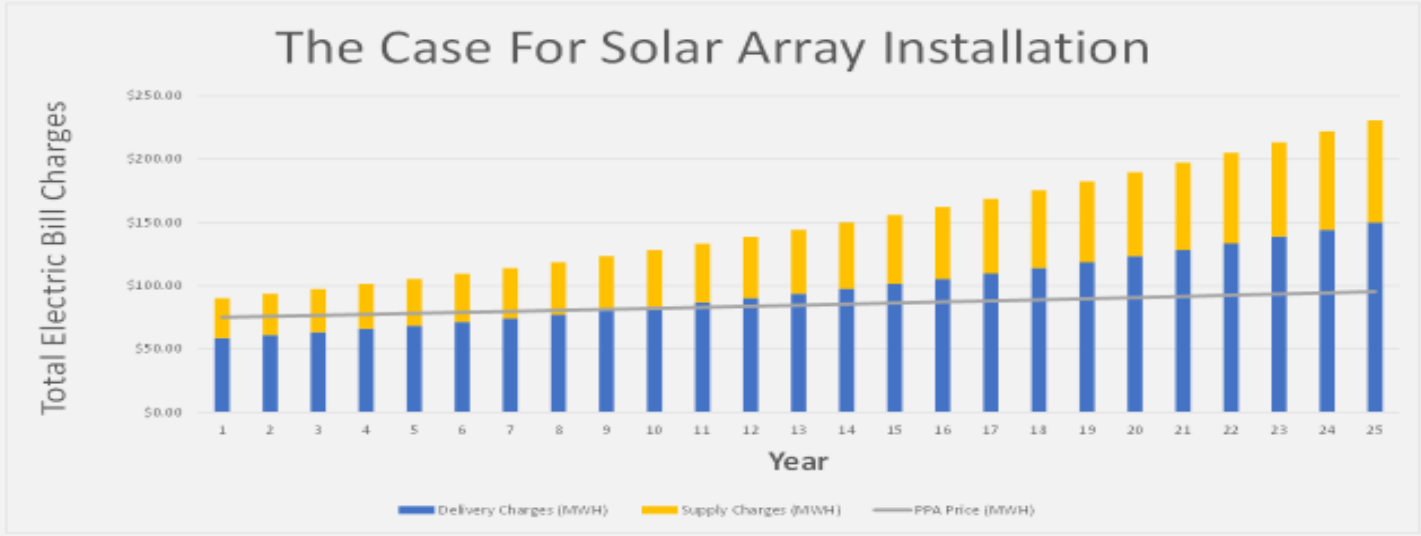
- Resiliency
- Stabilizing your Energy Spend
- Reducing your Carbon Footprint

School districts are asking for tools to help manage risk



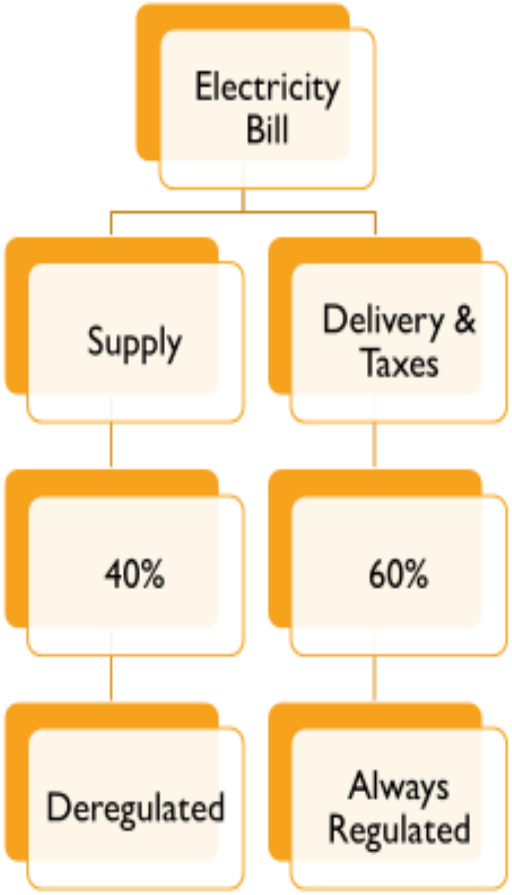
On-site solar generation stabilizes budgets

REDUCING YOUR ENERGY SPEND



- Assumes electricity price increase at average historical inflation rate of 4%
- PPA price includes a modest escalator of 1%

READING YOUR ELECTRIC BILL



WHY ON-SITE SOLAR REDUCES ENERGY SPEND?

- The "Grid" is a toll road.
  - You are charged delivery fees and tax for your energy using the toll road.
- On-Site allows your school to avoid the "toll fees" within your energy cost.
  - On-site energy creation gives us leverage as consumers to avoid a large portions of our current energy cost.

SOLAR + STORAGE = THE SMARTEST OPTION

- Battery storage
- Optimizes Solar output
- Improved Resiliency
- Additional savings and opportunities to further reduce energy spend

FLEET ELECTRIFICATION

- The Bus to Grid opportunity is A "Best in Class" program to reduce operating costs and harmful emissions from school buses.
- No up-front costs to district with Federal funding options

ADVANTAGES OF BUS TO GRID SYSTEMS

- Reduced operating costs
- Fuel
- Maintenance

- The Yellow Bus now is a Green Energy Asset
  - Bus Batteries Store Renewable Energy as it's Generated
  - Allows Districts to use Renewable Energy on Demand

Questions and Answers

We thank you for your time!

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