

AGE

Affordable Gas + Electric

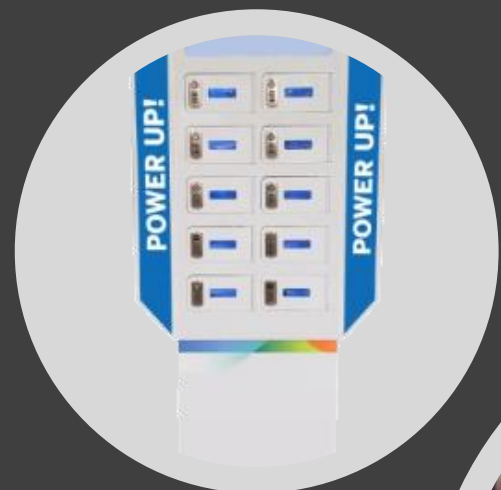
Sustainable Energy Partner to



Sustainability Plan Development

- Design, implement and measure sustainability plan and initiatives
- Campus Sustainable Branding Opportunities
 - EV Charging Stations
 - Cell Phone Charging Stations
 - Hybrid LED Lighting
 - Electric Transportation
 - Other Sustainability Initiatives

Monitoring and Analytics






Energy Management & Solutions

Providing

- **Independent**, research-driven advice
- Energy risk management services
- Buying opportunity recommendations
- Custom energy solutions



Since 2012, we have served hundreds of municipalities, businesses, and large industrial customers in Illinois and Ohio; delivering collective savings of millions of dollars on their electric and natural gas bills and providing price security in a rising-rate market.

 **954+**
GWh of Electricity

 **300+**
MDth of Nat Gas

 **117**
Communities

 **19**
Organizations

 **750+**
Businesses

Governmental Aggregation

We guide municipalities through the aggregation process to deliver a turn-key means of lowering the residential electric and natural gas rates of entire communities – each participating household can save hundreds of dollars per year while enjoying the benefits of price protection and rate stability.



Commercial Buying Group

AGE's Commercial Buying Group is specifically designed for chambers, associations, and professional organizations. By partnering with us to coordinate bulk electricity and natural gas purchases for your members, you can bring a very real financial benefit to small businesses in your organization.

Industrial Procurement & Efficiency

Large industrial customers require specialized management of their energy. We develop custom energy strategies for large customers by offering a wide variety of managed portfolio services that are tailored to risk tolerance and procured through a competitive bidding process by best-in-class suppliers.

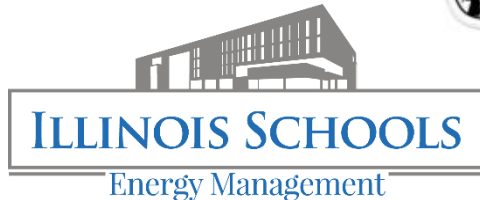


Solar Development

Solar technology is emerging as a viable means of averaging down and controlling long-term energy expenses. AGE offers broker and consulting services for businesses interested in solar, and is currently engaged in several large-scale, investor owned solar development projects.



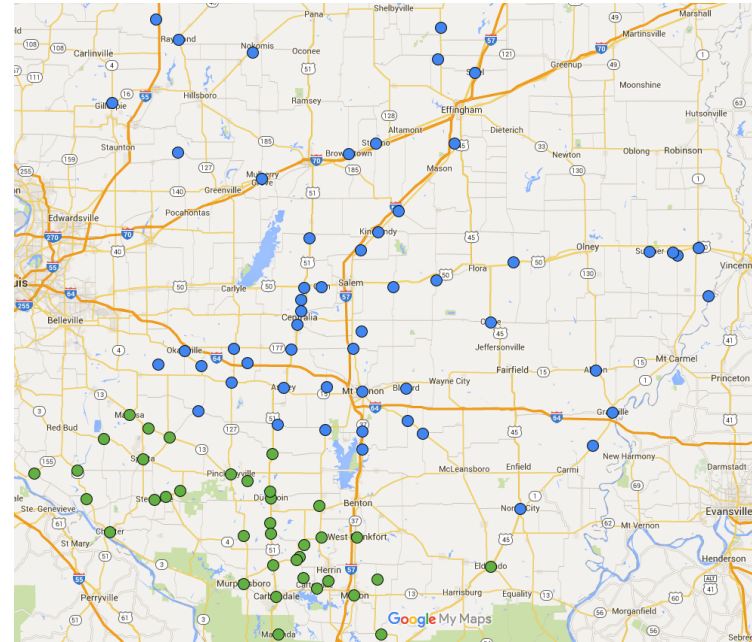
EFFINGHAM COUNTY
CHAMBER OF COMMERCE
Engaging Business and Community



Governmental Aggregations



Western Ohio Aggregate



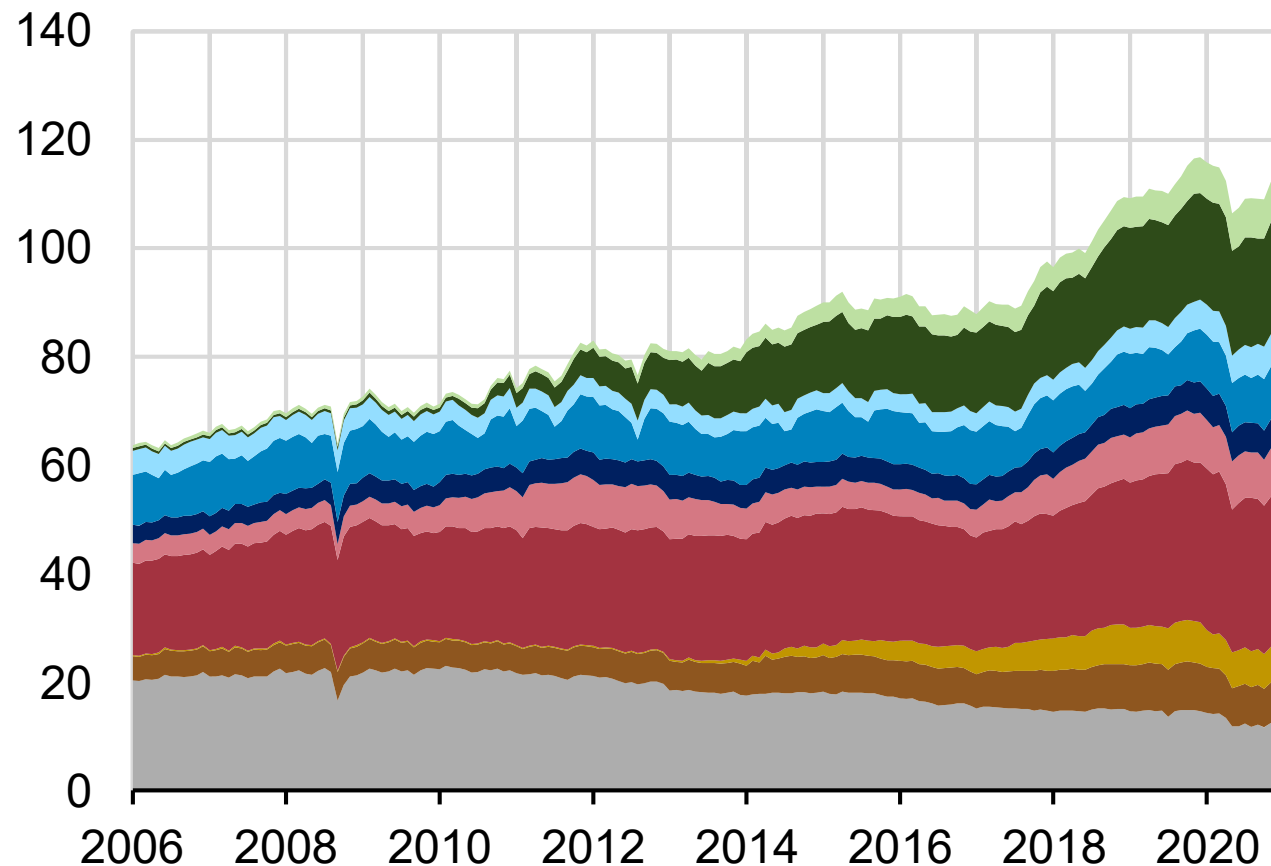
Illinois Energy Update



Natural Gas – Domestic Supply and Demand

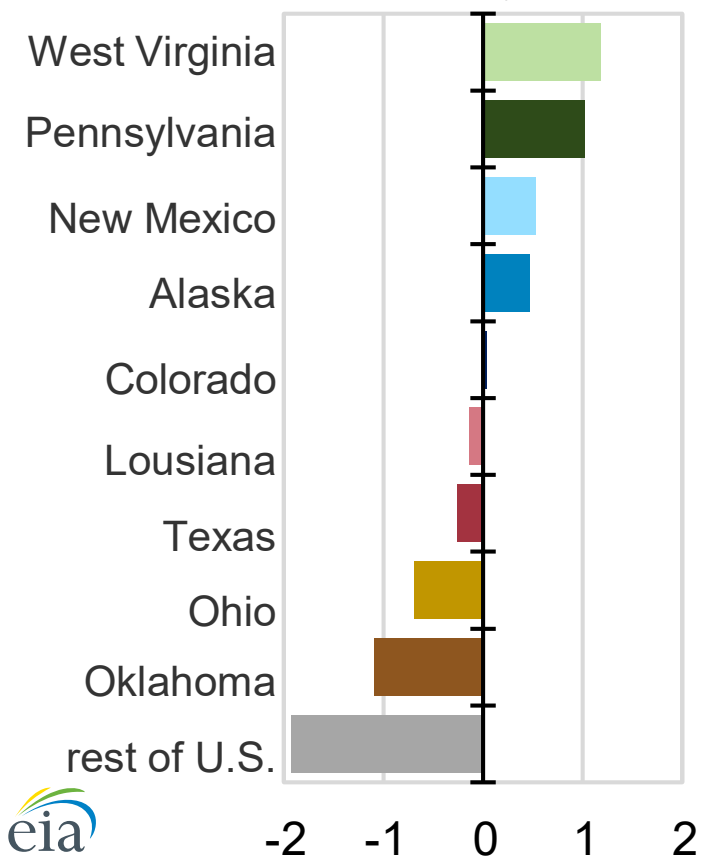
Monthly U.S. natural gas production (2006–2020)

billion cubic feet per day



Annual change (2019–2020)

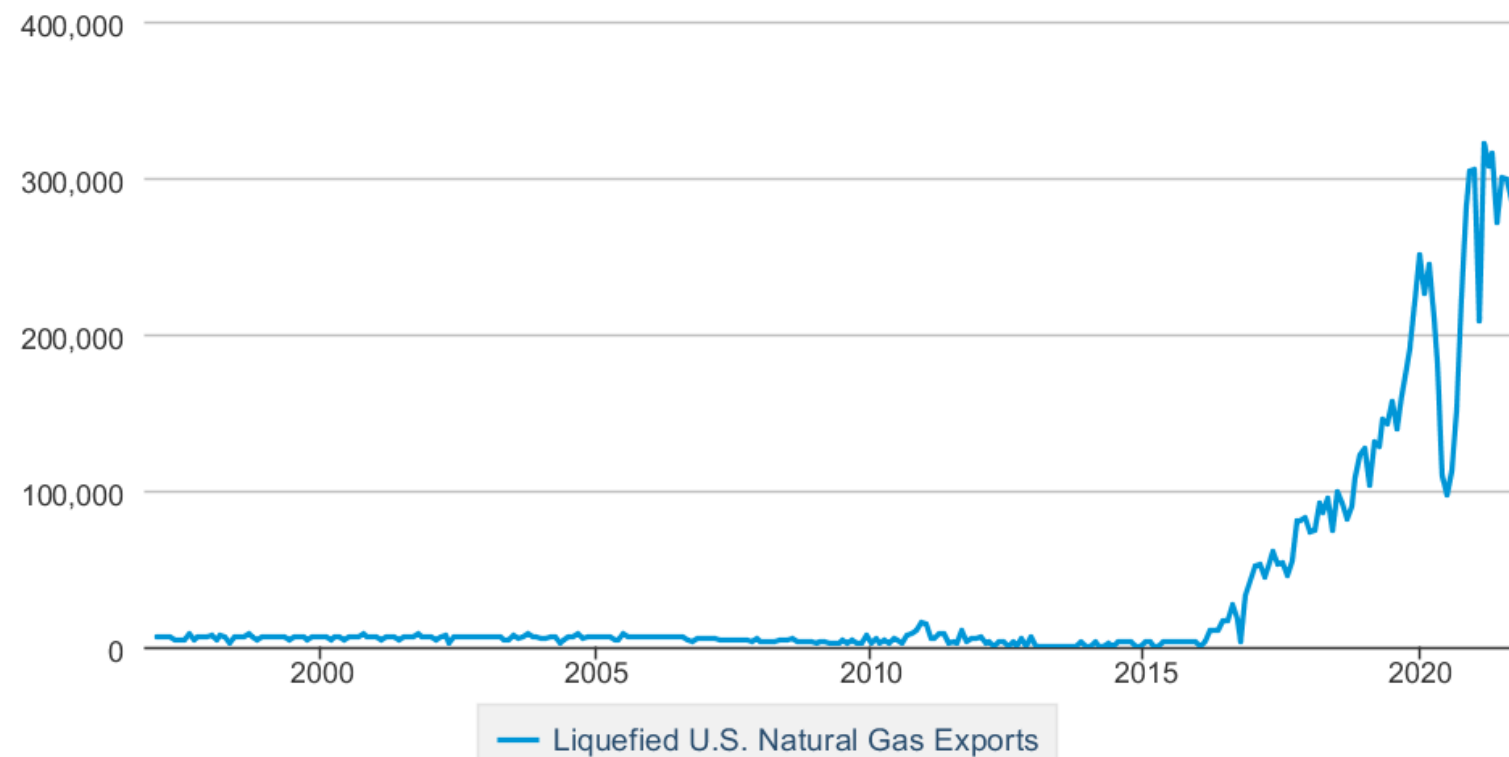
billion cubic feet per day



Natural Gas – Impact Domestically of Global Demand

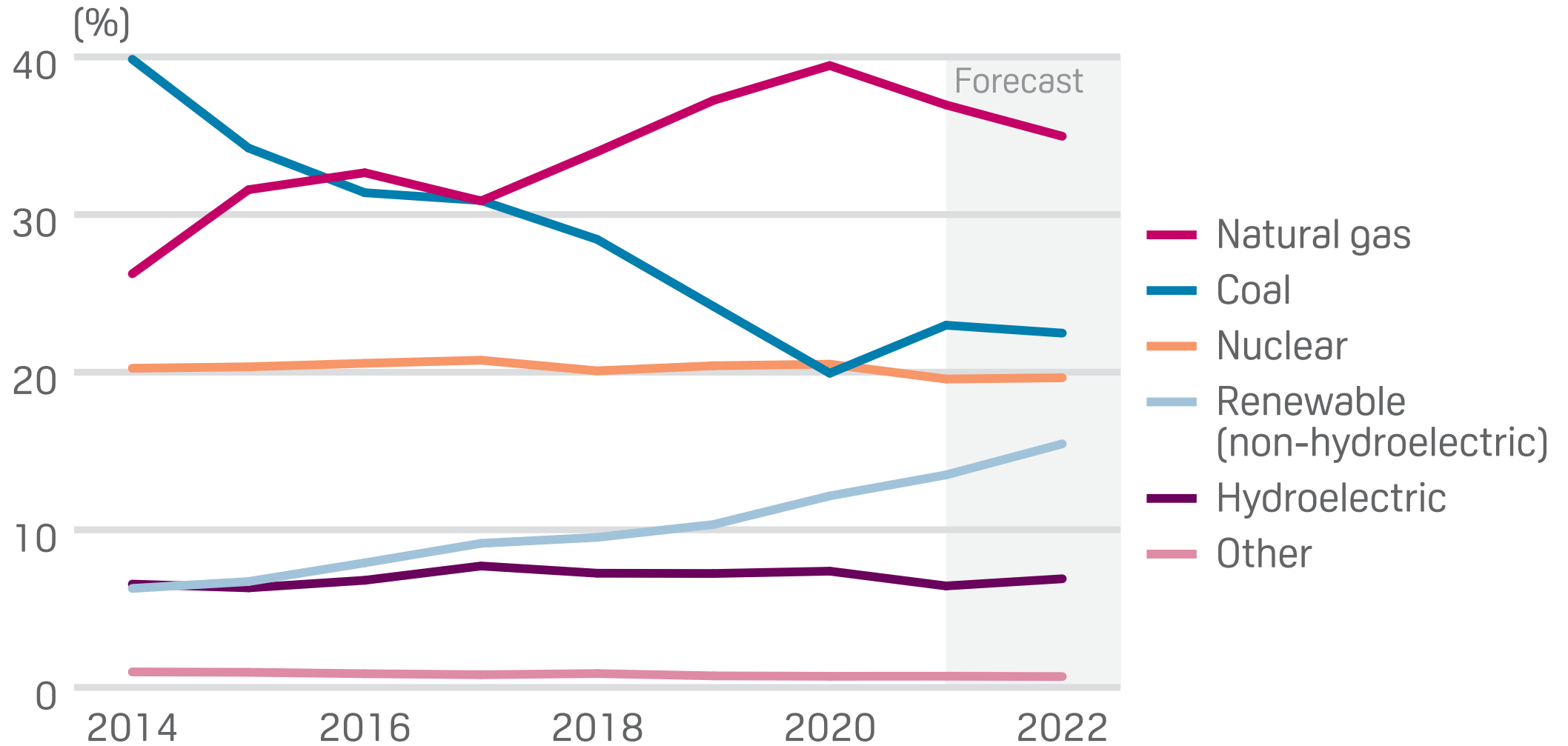
Liquefied U.S. Natural Gas Exports

Million Cubic Feet



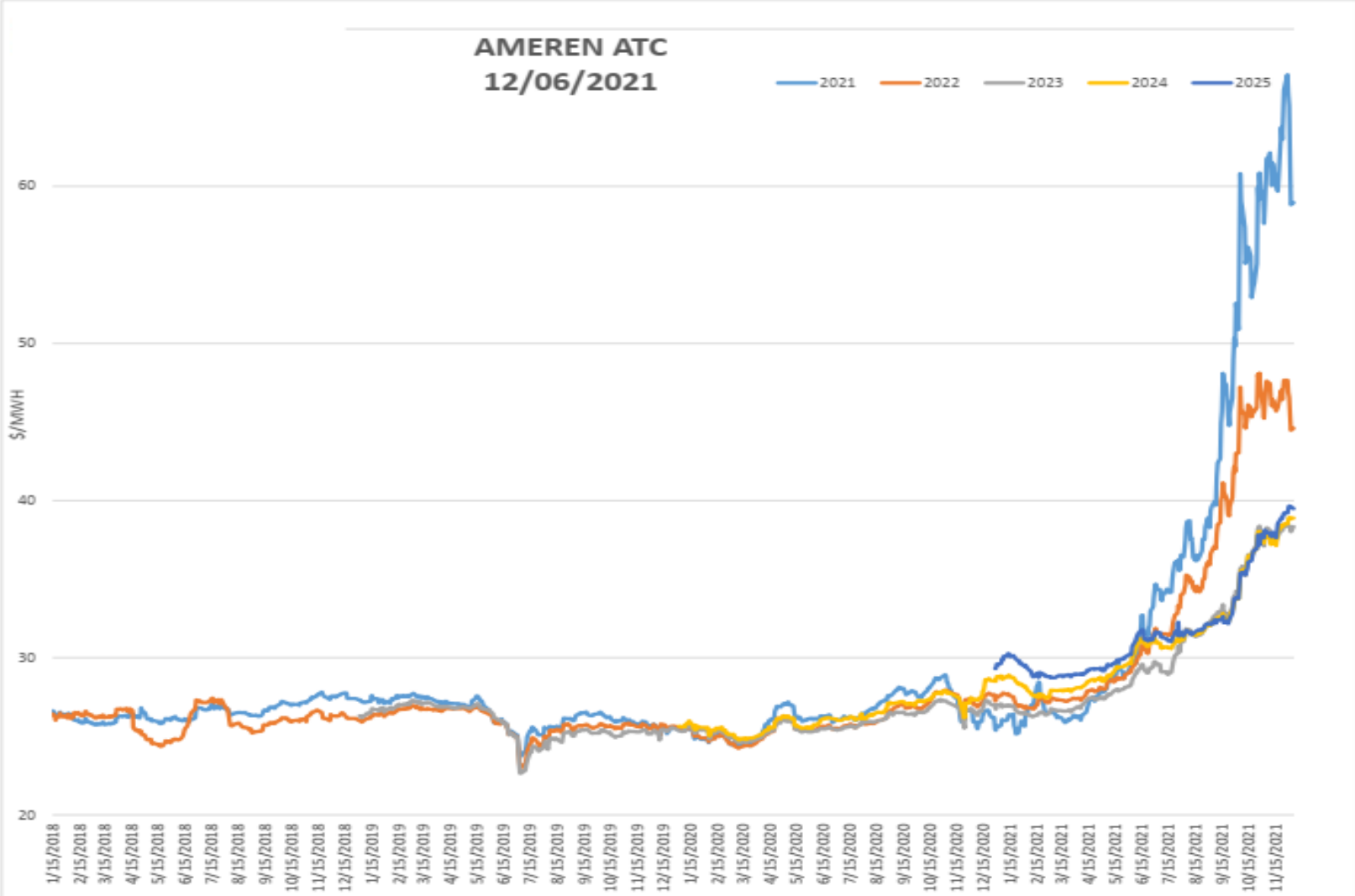
Source: U.S. Energy Information Administration

US ELECTRICITY GENERATION BY FUEL SOURCE

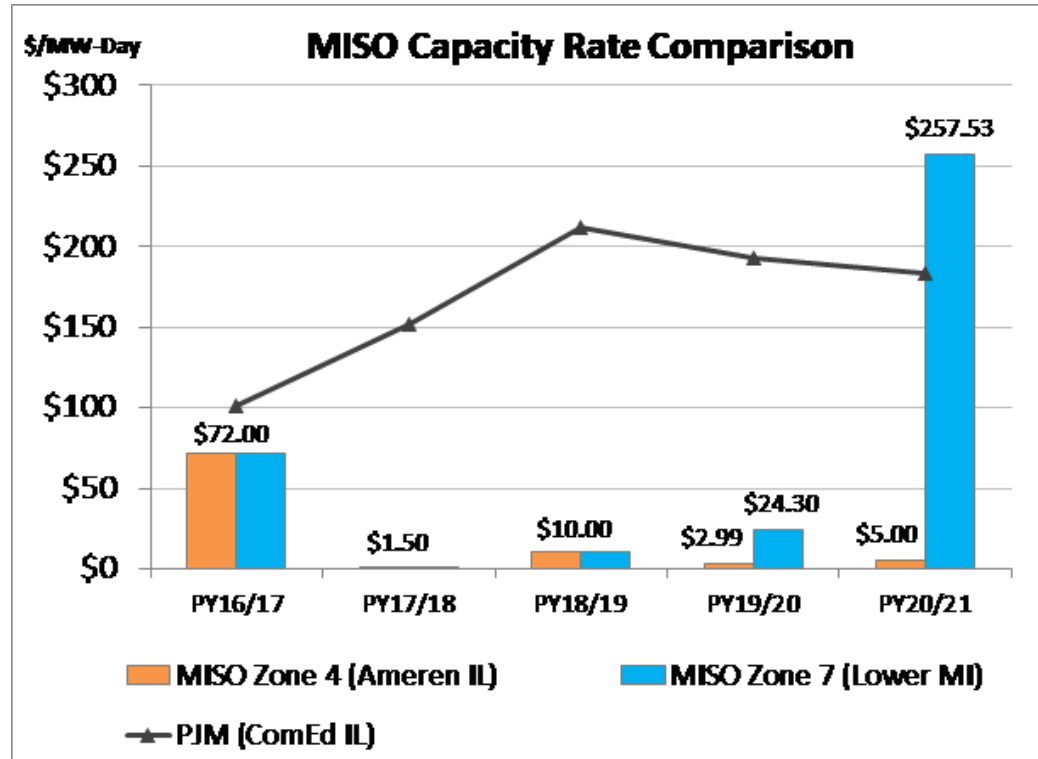


Source: EIA's Short-Term Energy Outlook

Ameren Illinois Wholesale Energy Prices

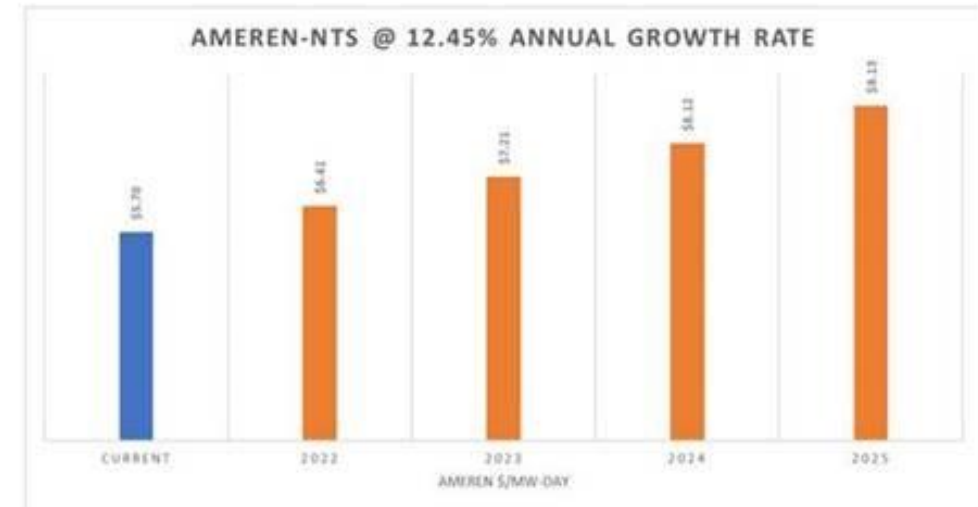


Electricity Components – Capacity & Transmission (NITS)



Ameren - Historic Transmission Pricing

- Ameren Transmission rates have increased 6 out of last 7 years
- Average annual increase is 12.45%
- Per Ameren 2022 expected to include under collection of dollars from lower peaks related to COVID 19



Climate and Equitable Jobs Act (CEJA) Summary

Illinois Commerce Commission noted the legislation would result in “a substantial impact on ratepayers” and don’t know “how Illinois’ electricity needs will be fully met”

Cost of more than \$700M per year including:



\$140 Million to nuclear power

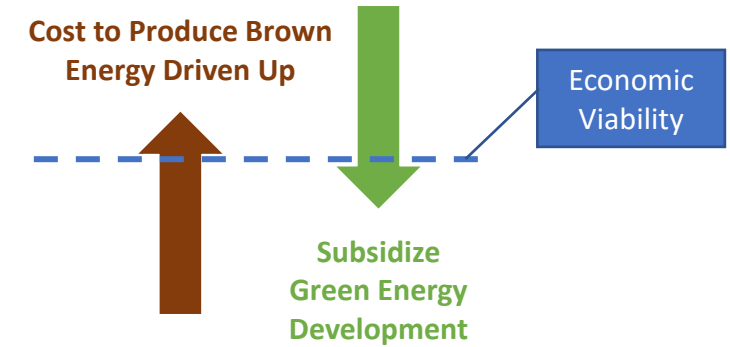


\$185 Million for energy transition fund and social programs

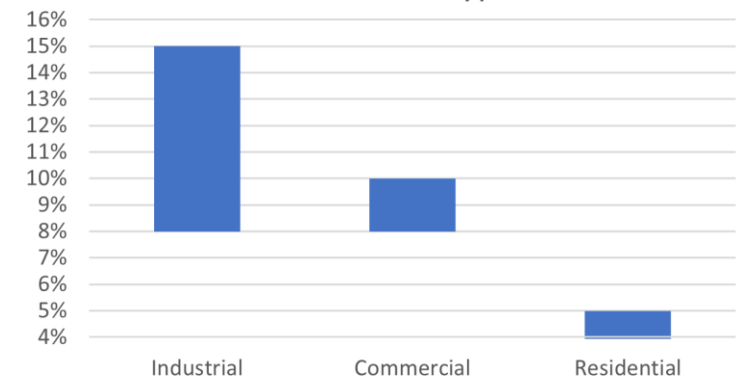
\$345 Million for RPS



\$37 Million for Coal to Solar



Expected Delivery Rate Increases by Customer Type





Nuclear Plants Supported

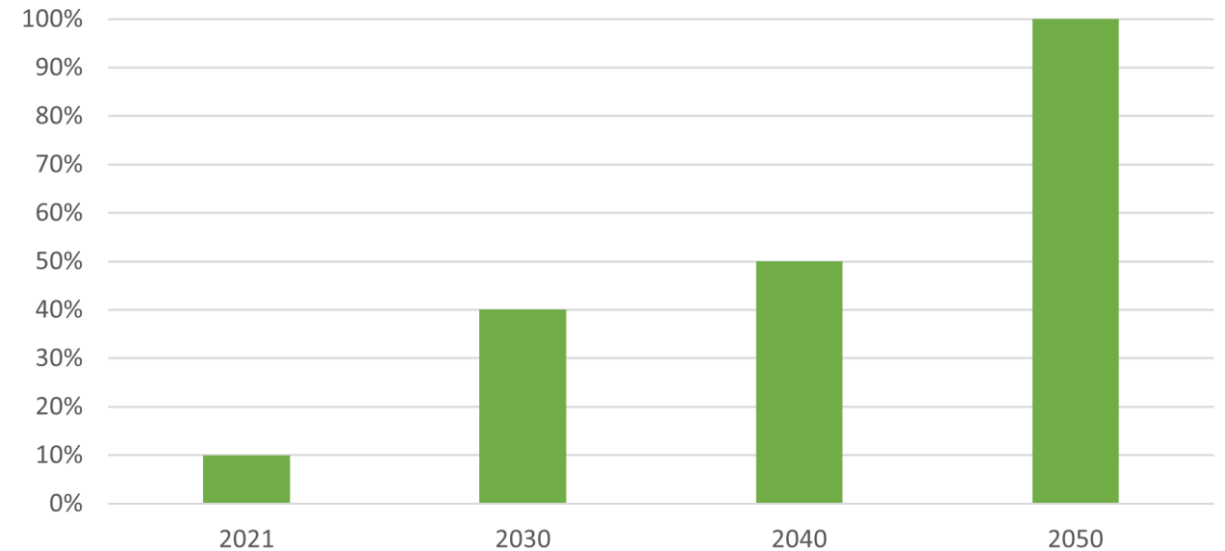
\$694M over 5 years to prevent shutdown of Exelon's Braidwood, Byron, and Dresden nuclear plants

Decarbonization



ALL private coal and gas plants must cut emissions by 45% by 2035 and cease operation entirely by 2045.
\$200M over 10 years provided by rate payers.

RPS - Renewable Energy as Percent of Total Procurement



Opportunities in Solar

CEJA funds reopening of solar incentive (SREC) program by mid-January 2022

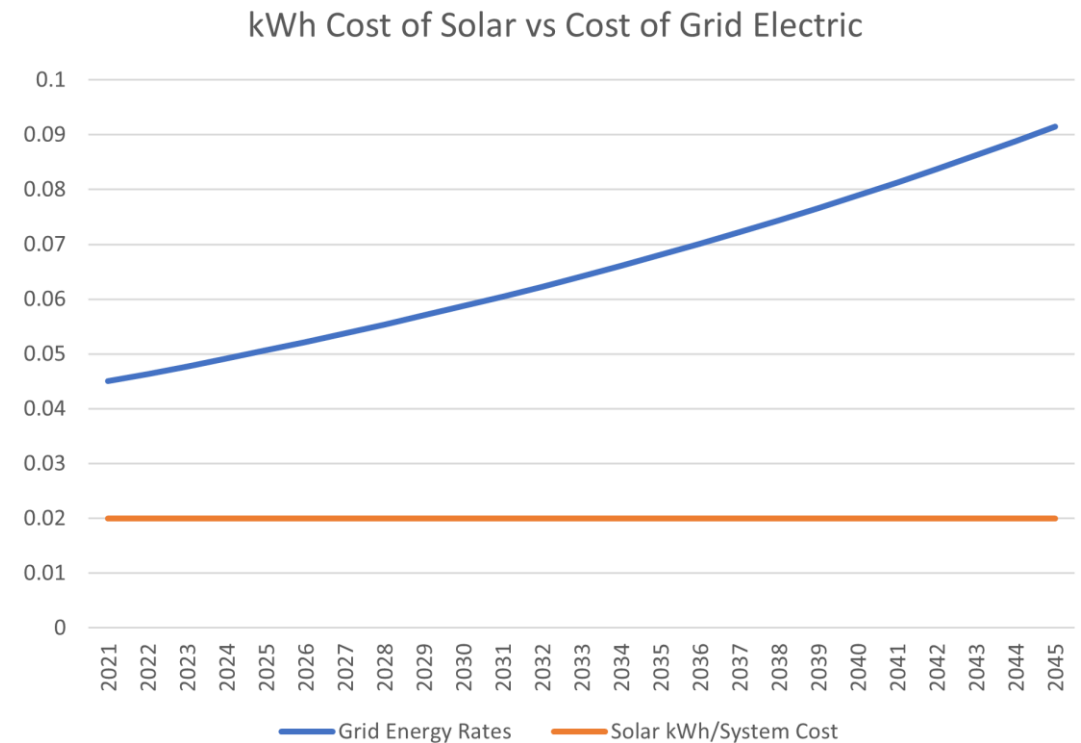
New Program Guidebook to be released ~Dec 14th with full details

Robust Incentives Including

- 26% Federal Investment Tax Credit
- 100% Bonus depreciation
- Utility Rebates
- Solar Renewable Energy Credits

Over 25 years, average cents/kWh cost of solar generation often less than ~2 cents/kWh.

What are you paying currently for electricity? Imagine what you'll be paying in 10, 15, 25 years...



Sample Financial Overview

General Information

Facility: [REDACTED]
Address: [REDACTED] Shiloh IL 62269

Solar PV Equipment Description

Solar Panels: (449) Canadian Solar CS3W-445MS
Inverters: (7) SMA Sunny Tripower 24000TL-US

Solar PV System Rating

Power Rating: 199,805 W-DC
Power Rating: 168,420.0 W-AC

Solar PV Equipment Typical Lifespan

Solar Panels: Greater than 30 Years
Inverters: 15 Years

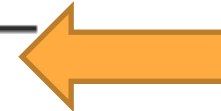
3.1.1 PV System Details

General Information

Facility: Facility #1
[REDACTED]

Solar PV System Cost and Incentives

Solar PV System Cost	\$400,000
REC	-\$190,857
Smart Inverter Incentive	-\$49,951
Federal - 100% Bonus Depreciation	-\$83,520
Federal Tax Credit	-\$104,000
State MACRS Depreciation	-\$20,000
Net Solar PV System Cost	-\$48,328

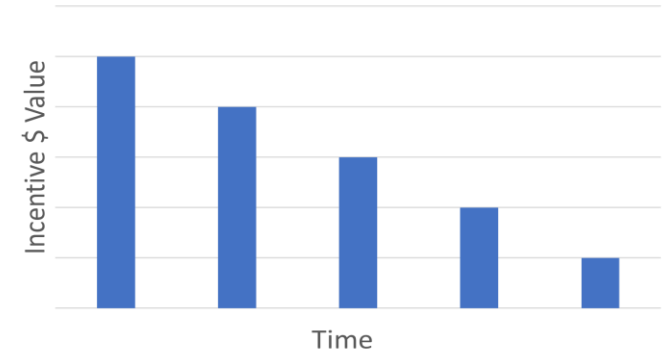


AGE's Role – We Make It Easy

On-Site Solar is one of the only means of mitigating unavoidable rate increases

The cheapest kWhs are the kWhs you don't consume
Energy Efficiency projects still crucial as technology evolves

AGE works on behalf of YOU (our clients) not solar developers
We bring solar solutions to you from pre-vetted solar developers like



Early adopters will receive the greatest financial benefits

The logo for AGE (Affordable Gas + Electric) features the letters 'AGE' in a bold, blue, sans-serif font.

Affordable Gas + Electric

Sustainable Energy Partner to



Key Takeaways

- Market and legislative forces driving rates up
- Adopt solar as primary strategy to mitigate cost increases
- Adopt solar NOW to have 75+% of cost subsidized
- Pursue energy efficiency opportunities as technology evolves
- Lock in rates for any energy still being purchased from 'the grid'

Your Local 360° Energy Partner

- Developing customized energy solutions tailored to match your individual needs
- Aggregating and leveraging our client base across all energy technologies
- Defining strategies, modeling risk, pre-qualifying energy suppliers and service providers, and capturing opportunities to mitigate overall energy spend