



FROM MINNESOTA: MOSTLY GOOD NEWS AND A LITTLE BAD

Plenary Session: State Policy Trends in the Midwest
2021 Midwest Energy Solutions Conference
February 19, 2021

Mike Bull, Policy Director



OUR NON-PROFIT MISSION

To discover and deploy the most effective energy solutions that strengthen the economy and improve the environment



Data Driven

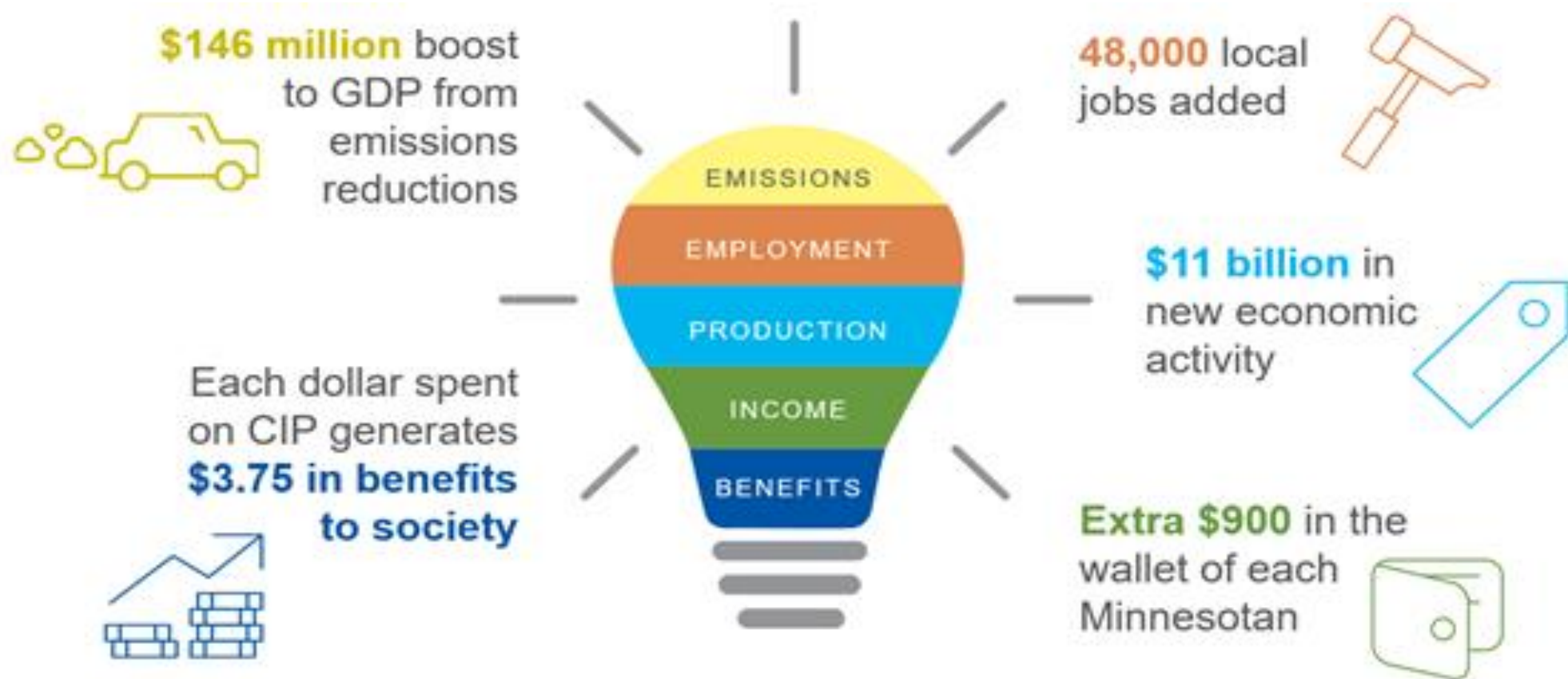


Community Based



Consumer Focused

GOOD NEWS: MN CONSERVATION IMPROVEMENT PROGRAM



•• GOOD NEWS: ENERGY CONSERVATION AND OPTIMIZATION



ECO would expand MN's energy efficiency framework to include other customer-facing opportunities and programs

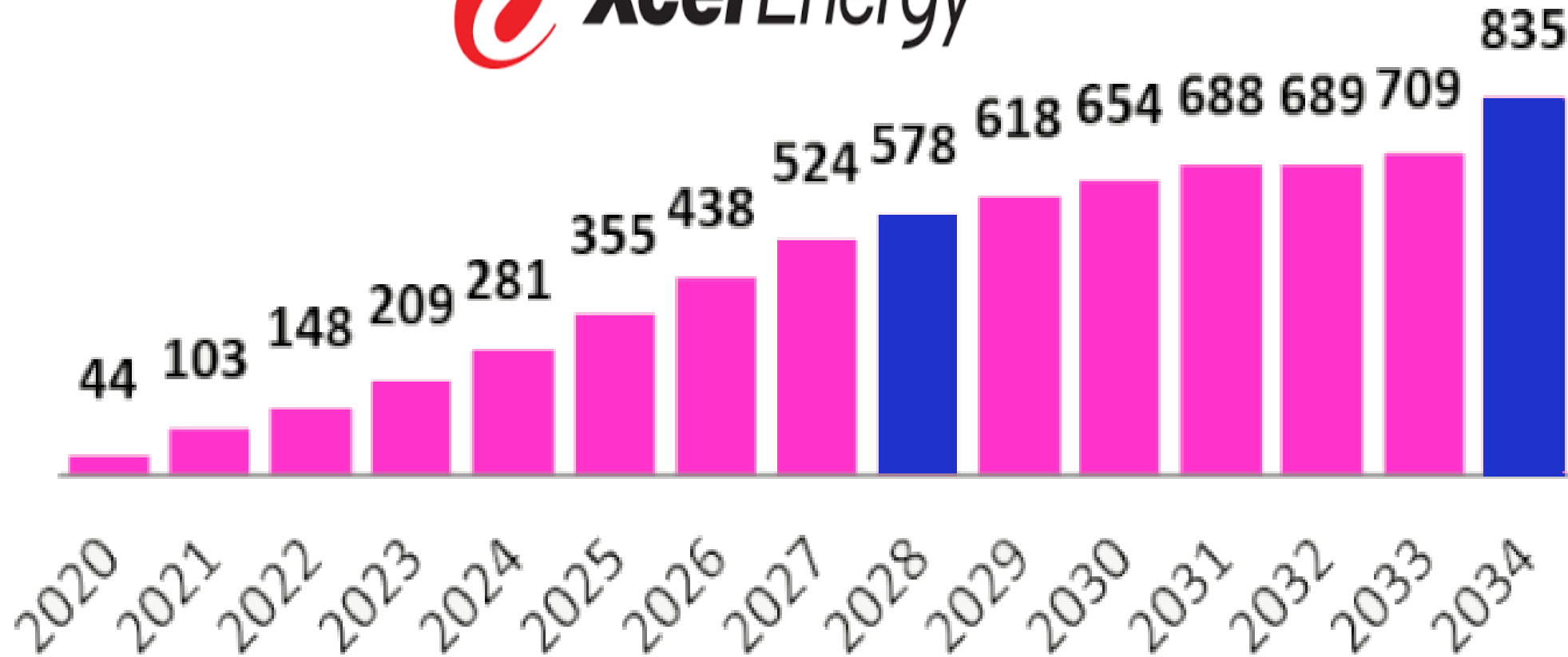


Allows fuel-switching/electrification, demand response and energy efficiency to co-exist and complement each other



Would allow the integration of these opportunities, rather than continue to be tightly siloed

GOOD NEWS: HISTORIC EFFICIENCY COMMITMENTS



•• **GOOD NEWS: POWER SECTOR EMISSIONS ARE DOWN**

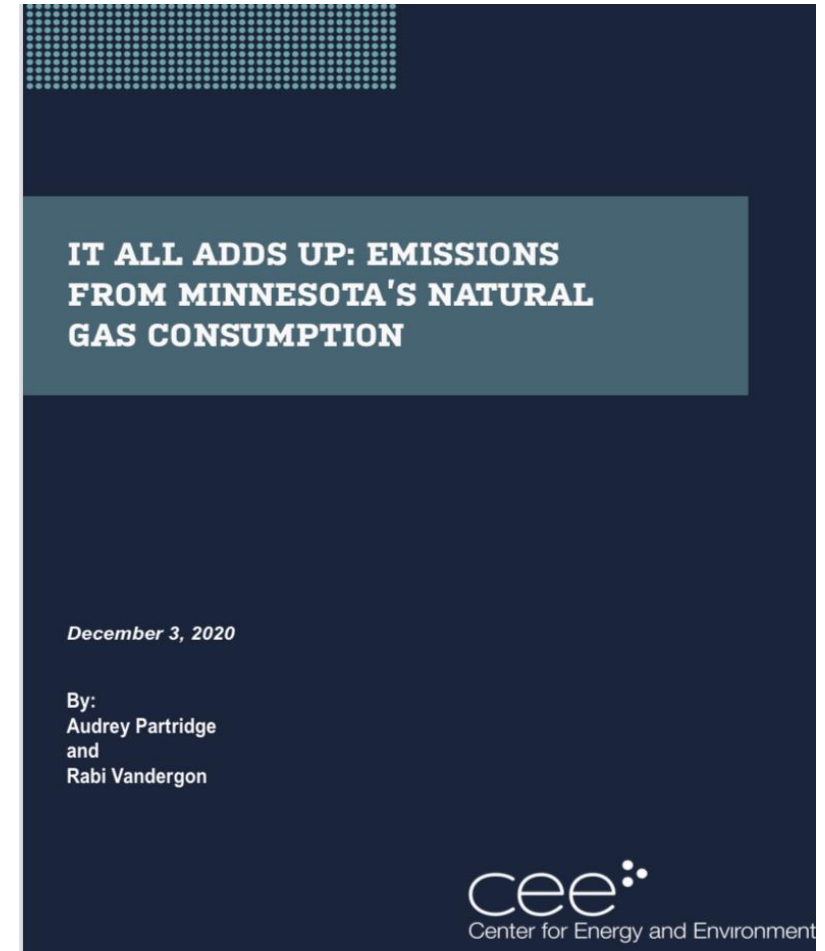


**MINNESOTA POLLUTION
CONTROL AGENCY**

- **29% REDUCTION** IN POWER SECTOR GREENHOUSE GAS EMISSIONS SINCE 2005
- **WITH GREAT RIVER ENERGY, XCEL ENERGY AND MOST RECENTLY, MINNESOTA POWER ANNOUNCEMENTS, MINNESOTA WILL BE COAL-FREE BY 2035**

❧ **BAD NEWS: NATURAL GAS EMISSIONS ARE UP**

- **32% INCREASE** IN RESIDENTIAL SECTOR GREENHOUSE GAS EMISSIONS
- **15% INCREASE** IN COMMERCIAL SECTOR GREENHOUSE GAS EMISSIONS
- CEE ANALYSIS: NATURAL GAS EMISSIONS ALONE WILL USE UP MN'S **ENTIRE 2050 ECONOMY-WIDE GHG BUDGET BY 2030**



GOOD NEWS: WE'RE WORKING ON IT

“Decarbonizing Minnesota’s Natural Gas End Uses”



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About g21

- Planning Team includes:
 - Luke Hollenkamp, City of Minneapolis
 - Nick Mark, CenterPoint Energy
 - Nick Martin and Sydnie Lieb Ph.D., Xcel Energy
 - Margaret Cherne-Hendrick Ph.D., Fresh Energy
 - Trevor Drake, Great Plains Institute
 - Audrey Partridge, CEE
- Stakeholders include a broad range of entities and perspectives.
- Learn more at:
<https://e21initiative.org/natural-gas/>



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•• GOOD NEWS: NATURAL GAS INNOVATION ACT



Innovation Plans

- Pathways for MN PUC to Evaluate Investments to Begin to Decarbonize the Natural Gas System

Pilot Projects

- Pilot Projects to Evaluate Practical and Cost-Effective Alternatives to Natural Gas

Resource Alternatives

- Efficiency, Electrification, District Energy
- Hydrogen, Biogas, Renewable Natural Gas



**THANK
YOU!**