

Breakfast Panel on Self-Committed Coal in Power Markets

Hosted by the Union of Concerned Scientists
Moderated by Utility Dive Associate Editor Catherine Morehouse

Featuring:

Richard Glick *FERC Commissioner*

Ted Thomas *Arkansas PSC Chairman*

Sarah Freeman *Indiana URC Commissioner*

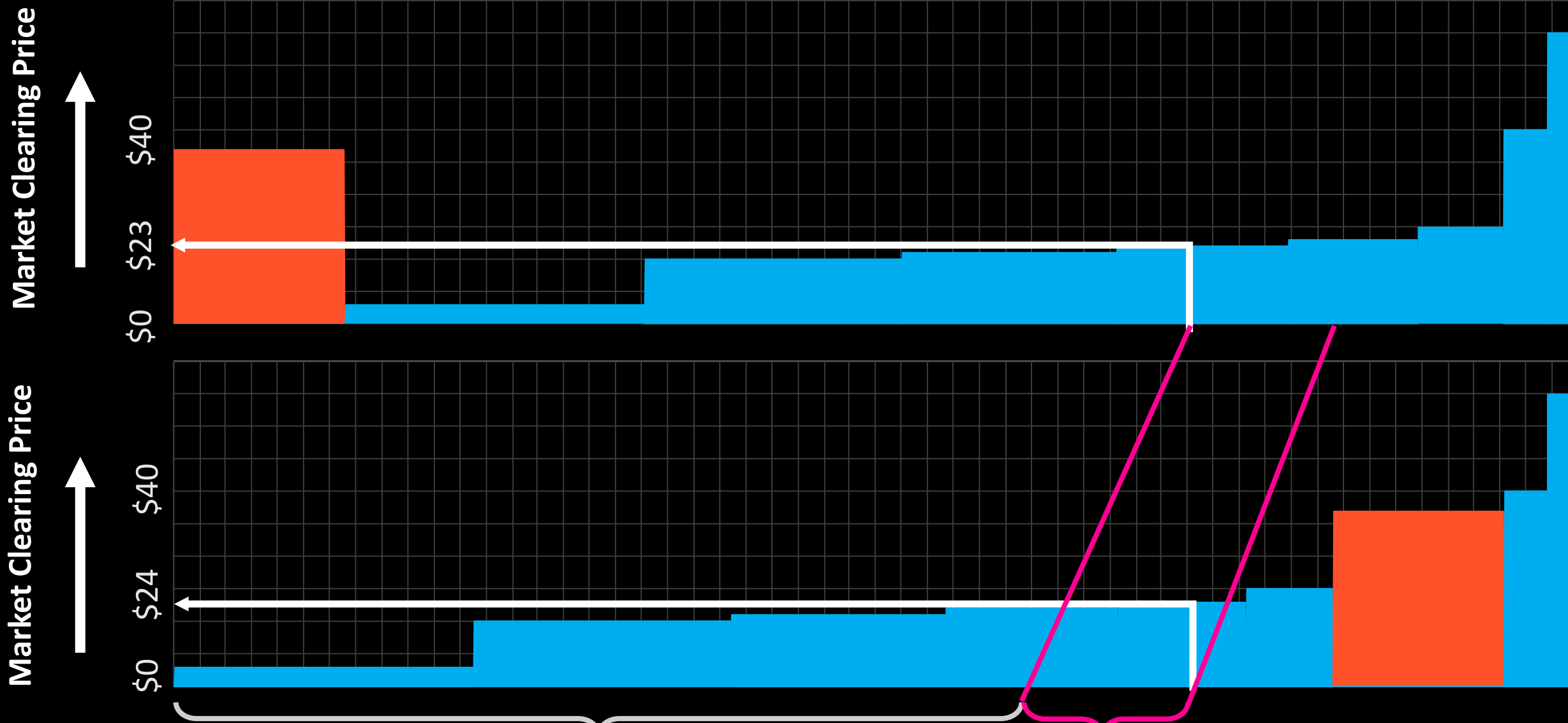
Annie Levenson-Falk *Minnesota CUB Executive Director*

Joe Daniel *Union of Concerned Scientists Sr. Energy Analyst*

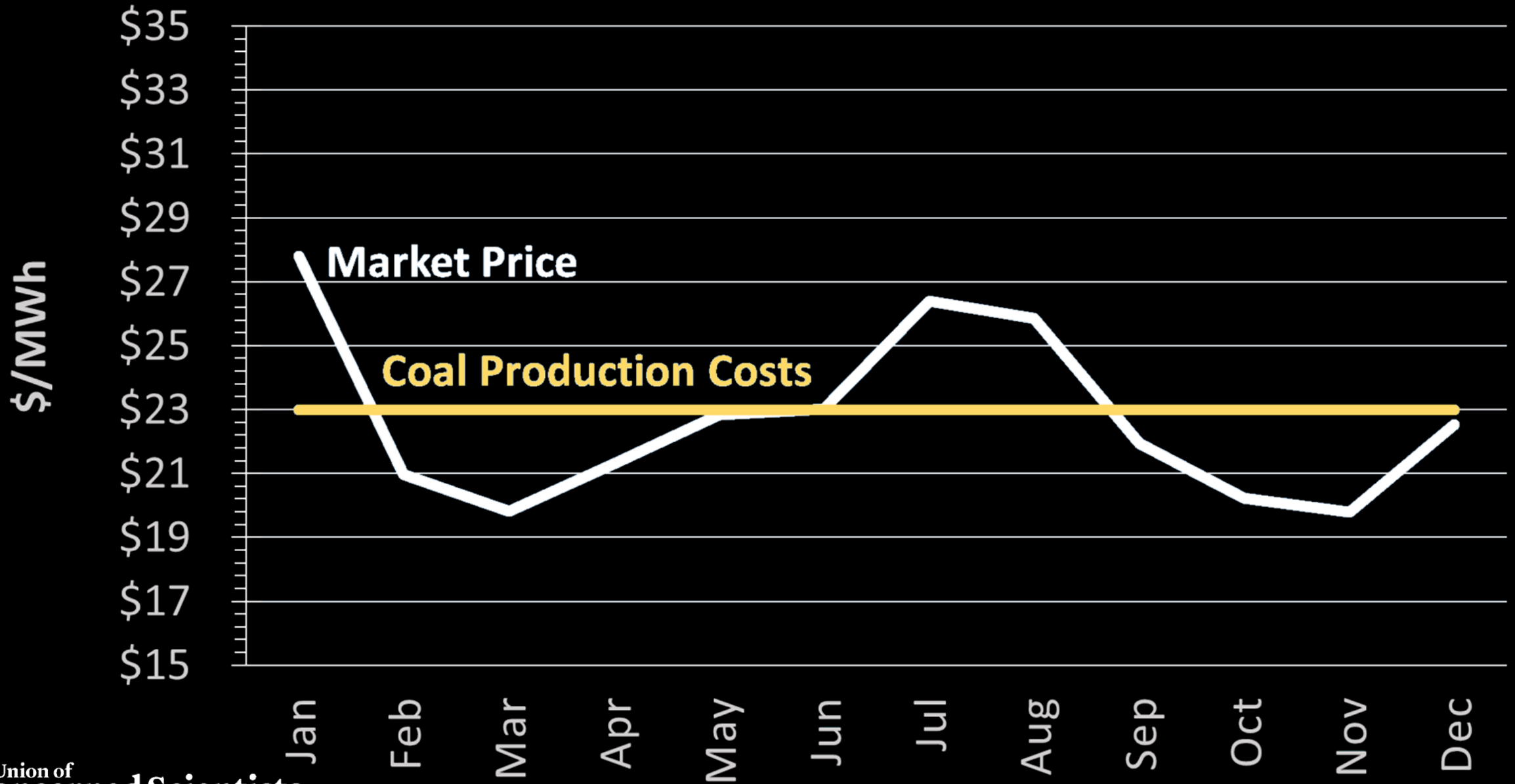
Background

Primer on Self-Committing

Out-of-merit Generation - Visualized



Wholesale Market Prices - Illustrative



History of Research

- Backdoor Subsidies for Coal in SPP – Daniel, J. 2017. Sierra Club
- Dalman Economic Assessment – 2017. Chamber of Commerce
- Half of Coal is on Shaky Ground – Nielson, R. et. al. 2018. BNEF
- Out-of-Merit Coal Generation in Organized Markets– Daniel, J. 2018. UCS
- Playing With Other People’s Money – Fisher, J. et. al. 2019 Sierra Club
- Used But How Useful – Daniel, J and S. Sattler. Forthcoming. UCS

Commissioners Taking Notice

- IA: IUB Docket No. RPU-2019-0001 (TF-2019-0017, TF-2019-0018)
- IA: IUB Docket No. RPU-2018-0003
- KS: KCC Docket No. 18-WSEE-328-RTS
- LA: PSC Docket U-34794
- MI: PSC Case No. U-20069
- MI: PSC Case No.: U-20471
- MO: PSC Docket No. EW-2019- 0370
- MN: PSC Docket Nos. E-999/AA-17-492, E-999/ AA-18-373
- MN: PSC Docket No. 19-704
- TX: SOAH Docket No. 473-17-1764 / PUC Docket No. 46449
- WI: PSC Docket No. 5-UR-109
- WI: PSC Docket No. 6690-UR-126

This list is not exhaustive

Analysis and Findings

Preliminary Results for forthcoming report: “Used but how Useful?”

Analytical Approach

MISO

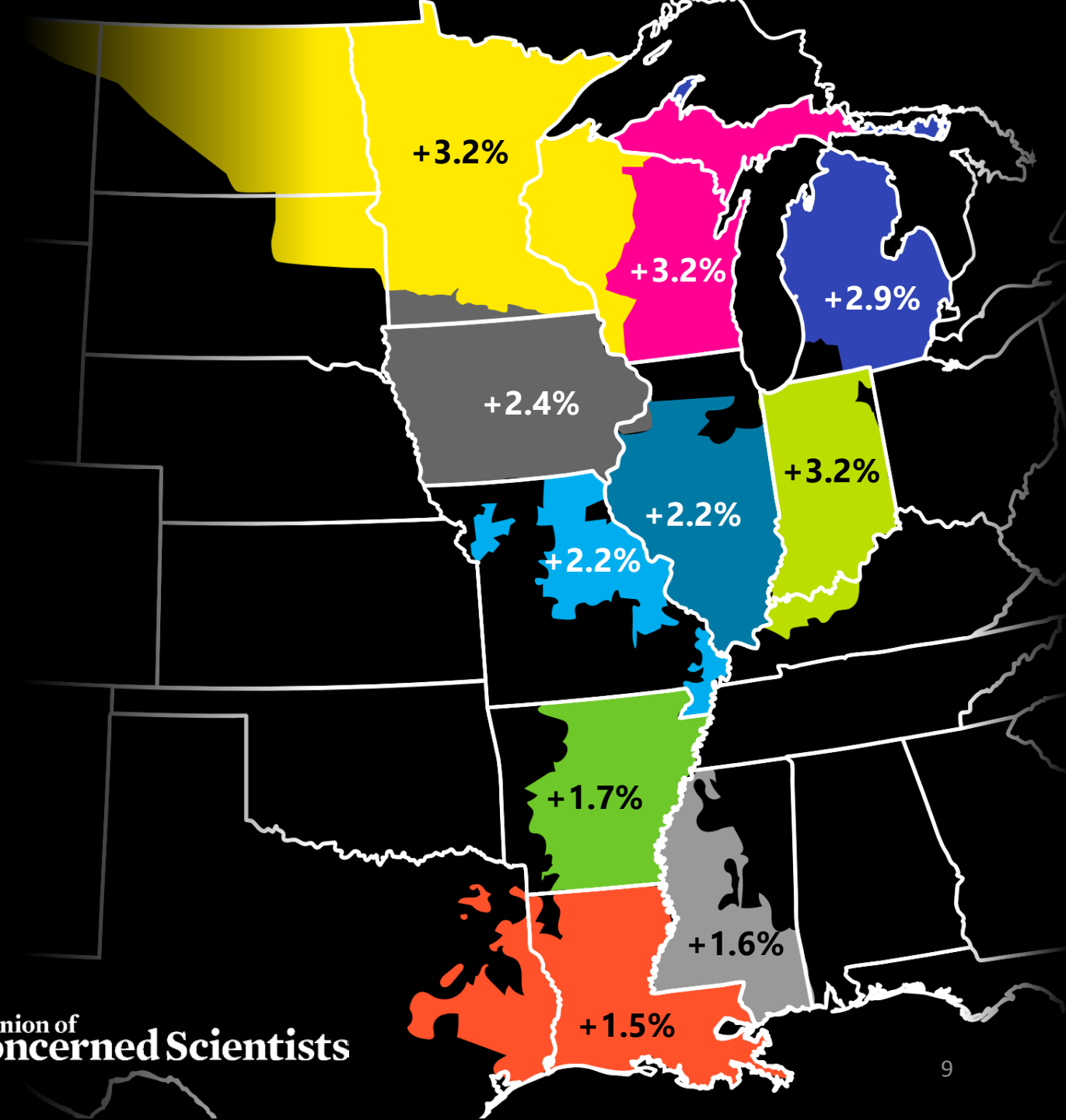
Plexos

2018

2 Runs

If market resources were dispatched economically, then market prices would increase slightly over status quo.

MISO Avg LMP ↑ 3%
Preliminary Results



LMP ↑ 3%

Production Costs ↓ 11%

Market Surplus ↑ 64%

Coal Generation ↓ 19%

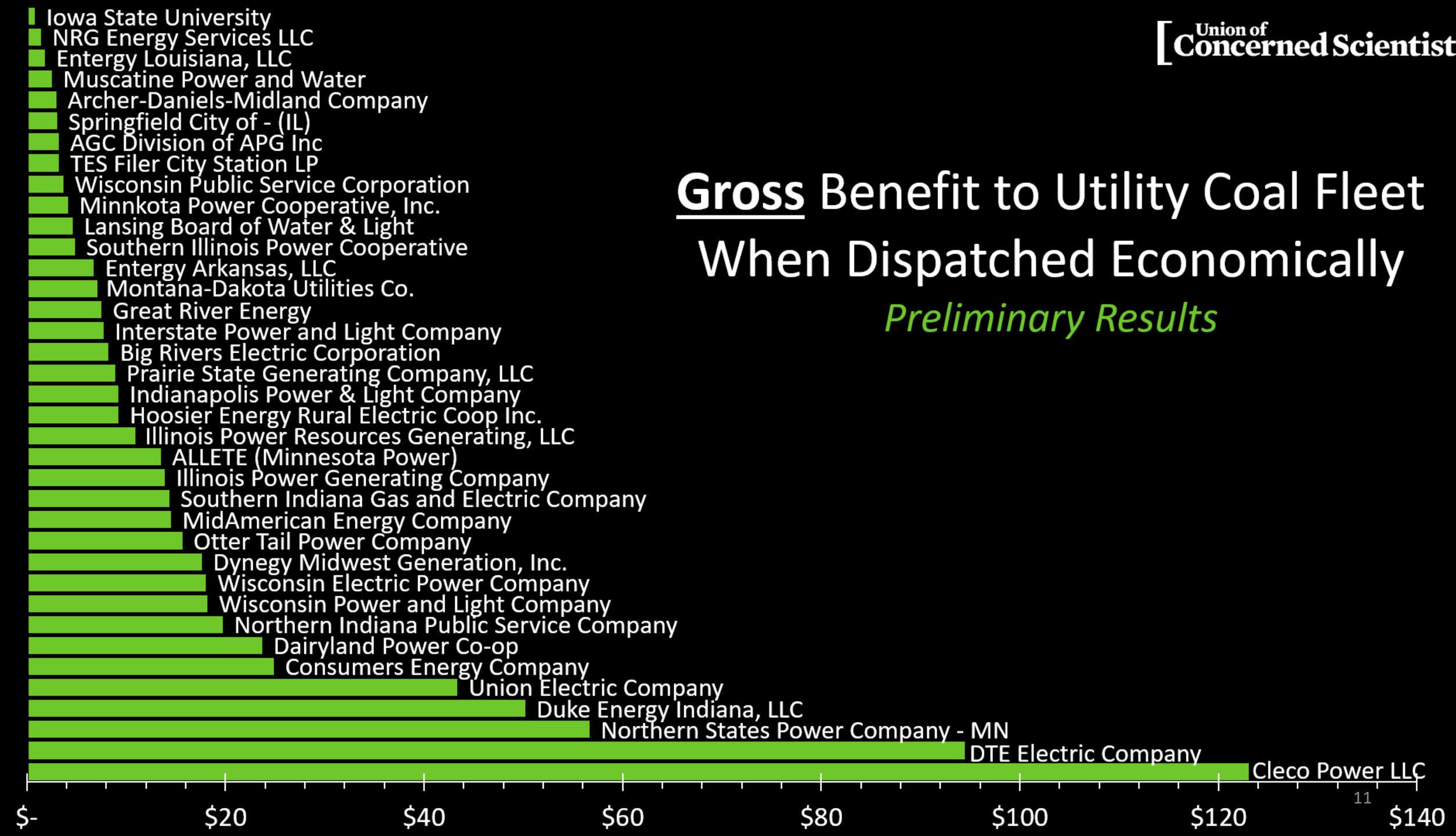
Preliminary Results

Dispatching resources economically produces a more healthy and efficient market:

Customer costs ↓
&
Market profits ↑

Gross Benefit to Utility Coal Fleet When Dispatched Economically

Preliminary Results



Conversation moderated by Catherine Morehouse Utility Dive

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