

# WHAT PROMOTING ELECTRIFICATION WILL MEAN FOR THE GRID



**Aryeh  
Gold-Parker**



**Matthew  
Stephens-Rich**



**Timothy  
Kovach**



**William  
Renner**

**July 20, 2023**

**8.00-10.00 am ET**

**Virtual Event**

[www.2030districts.org/cleveland/events](http://www.2030districts.org/cleveland/events)



## **Dr. Aryeh Gold-Parker**

**Associate Director  
Energy + Environmental  
Economics**

[www.ethree.com](http://www.ethree.com)

## **Aryeh Gold-Parker, PhD, Associate Director Energy + Environmental Economics**

Dr. Aryeh (Ari) Gold-Parker joined E3 in 2018. He supports E3's Climate Pathways and Distributed Energy Resources practice areas, where his work focuses on building and vehicle electrification, utility cost recovery and rate design, and energy affordability.

Ari supports clients through robust analytical modeling and clear communication of technical concepts and model results. He works to help policymakers, regulators, utilities, and businesses understand how our electricity and natural gas systems will transform under deep decarbonization and to inform policy- and decision-making. In addition, Ari has helped prepare expert witness testimony for regulatory commissions in California, Georgia, Minnesota, and Alberta. He has also enhanced E3's modeling capabilities by developing new tools for understanding the impacts of building electrification on peak electric loads and on natural gas revenue requirements and rates.

Prior to E3, Ari completed a Chemistry PhD at Stanford, where his research on novel materials for solar cells was published in Nature Communications and the Proceedings of the National Academy of Sciences. Before graduate school, Ari was a field organizer for a U.S. Senate campaign and led voter turnout for a dozen municipalities in Massachusetts. Outside of work, he enjoys running, hiking, and rock climbing.

Education: PhD, chemistry, Stanford University; BA, chemistry and physics, Harvard University



## **Matthew Stephens-Rich**

**Director of Technical  
Services  
Electrification Coalition**

[www.electrificationcoalition.org](http://www.electrificationcoalition.org)

## **Matthew Stephens-Rich, Director of Technical Services Electrification Coalition**

Matt has worked in transportation, energy, and alternative fuels since 2012 at the local, state, and federal levels and serves the EC as a senior program manager. Matt worked as Electric Vehicle Specialist for the Smart Columbus program, and coordinates various electric vehicle fleet deployments and charging initiatives, while also providing insight to consumer adoption. Collectively, these efforts help Columbus achieve a Smart City status that has reduced greenhouse gas emissions in the transportation sector through electrification and decarbonization.

Prior to joining the Electrification Coalition, Matt served as Project Manager at Clean Fuels Ohio, the nation's largest U.S. Department of Energy (DOE) Clean Cities Coalition. In this role, Matt helped hundreds of fleets across Ohio cut their dependency on petroleum through deployment of alternative fuel and fuel efficient technologies, helping secure over \$25 million in state and federal grant funding through the process. Matt was also a lead grant writer for the City of Columbus' Smart City Challenge Grant Application. Matt holds a Masters in Public Administration from the John Glenn College of Public Affairs at The Ohio State University with a focus in Energy Policy, and a B.A. in Communication with Public Relations Certification from the University of Cincinnati.

Matt currently serves as Vice Chair for the Energy and Air Quality Working Group at the Mid-Ohio Regional Planning Commission, Founding Chair of the Young Professionals in Energy Columbus Chapter, and was recognized as "Person to Know in Energy" by Columbus Business First in 2017.



**Timothy Kovach**  
Decarbonization Strategist

City of Cleveland, Mayor's  
Office of Sustainability and  
Climate Justice

[www.clevelandohio.gov](http://www.clevelandohio.gov)

**Timothy Kovach, Decarbonization Strategist**  
**City of Cleveland, Mayor's Office of Sustainability**  
**and Climate Justice**

Tim Kovach is the Decarbonization Strategist in the Mayor's Office of Sustainability and Climate Justice at the City of Cleveland. In this role, he is responsible for updating the City's Climate Action Plan and the Sustainable Cleveland Municipal Action Plan. He also works to embed decarbonization into City operations. He previously served as an Air Quality Planner at NOACA, where he tracked regional air quality trends, ensures that transportation programs comply with federal air quality regulations, and managed the development of the region's first climate plan. He has an MA in Global Environmental Policy from the American University School of International Service and a BA in political science and history from Baldwin Wallace University. He is a co-founder of the Cleveland Refugee Bike Project.



## **William Renner**

**Director, Facilities  
Management and Services  
Programs  
General Services  
Administration**

## **William Renner, Director, Facilities Management and Services Programs General Services Administration**

Bill Renner is the Director of the Facility Management and Services Programs Division for the Great Lakes Region of the General Services Administration. He leads a division that strategically supports Federal property management in fields such as energy management, sustainable operations and environmental stewardship.

Capturing Federal energy policy and executing it through both daily operating activities and with projects targeting net-zero operational facilities are current focus areas.. Sustainability, climate resilience and water conservation are additional goals along with providing facilities that inspire and serve the American people.

Bill has a B.S. in Civil Engineering from the University of Illinois and a M.S. in Environmental Engineering from the University of California. He is a registered Professional Engineer in Illinois.