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AI.EPRI Initiative

Building an AI-Electric Power Community

- Convene the AI and electric power communities to **understand needs and limitations**
- Host events to discuss issues, expand engagement, **foster relationships,** and develop collaborations

Data Collection, Curation, Sharing, and Solution Development

- Identify **use cases** for key datasets
- Bring in data from the most valuable datasets for **building internal and external AI solutions** (using EPRI10 datasets)
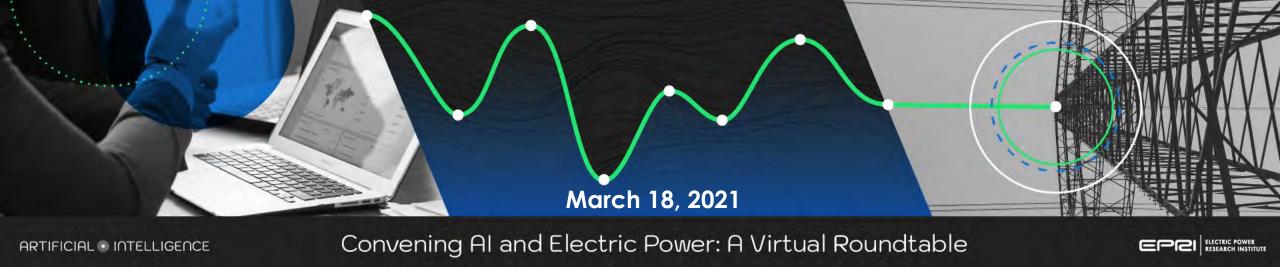- Curate/cleanse and **share data as appropriate** with the AI community
- Facilitate **demonstrations**

Deepening AI Expertise across Industry

- Publish AI Technology **white papers and landscape reports**
- **Training**
  - Develop data science training for industry professionals (GREAT with Data)
  - Ace.epri.com website linking free training from around the world
- Engage with stakeholders in the AI and Electric Power industries to **share results** in meetings, conferences, etc.

EPRI | ELECTRIC POWER RESEARCH INSTITUTE

March 18, 2021

ARTIFICIAL ● INTELLIGENCE

Convening AI and Electric Power: A Virtual Roundtable

EPRI | ELECTRIC POWER RESEARCH INSTITUTE

[Click HERE to view recording](#)

MODERATOR

Heather Feldman
Director, R&D
EPRI

KICK-OFF

Arshad Mansoor
President and CEO
EPRI

PANELISTS

Bhavani Amirthalingam
Sr. VP & Chief Digital Information Officer
Ameren

Jatinder (Jay) Singh
VP, Digital & Data Transformation
CPS Energy

Arun Majumdar
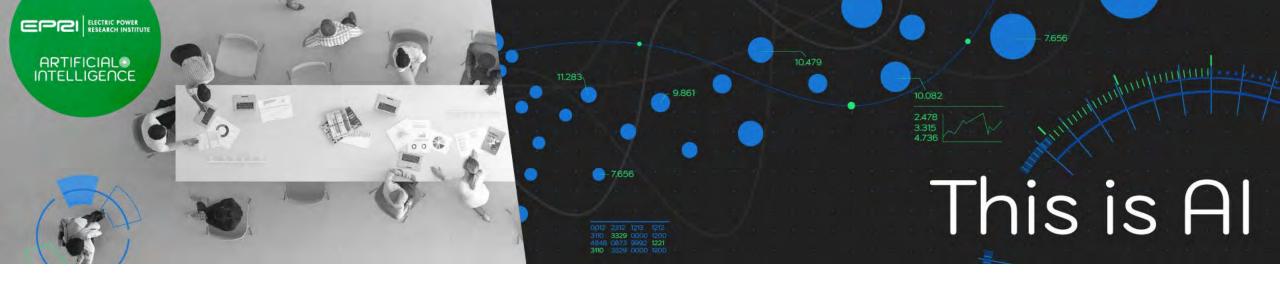Department of Mechanical Engineering
Stanford University

Peter Green
Deputy Laboratory Director
National Renewable Energy Laboratory (NREL)

Myrna Bittner
Founder and CEO
RUNWITHIT Synthetics

Darryl Willis
Vice President
Microsoft Energy Industry

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An Introductory Training Course and Expert Panel on AI for Electric Power Experts

April 20 and 21, 2021 | 12:00 PM-2:00 PM Eastern
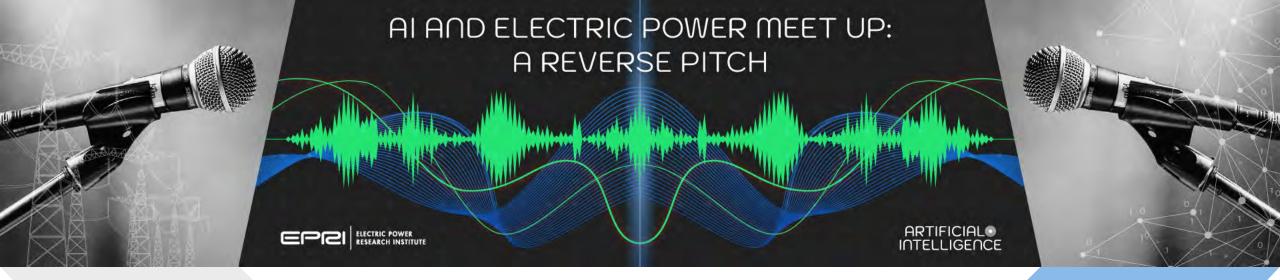
April 20 | Introduction:
Electric power utility use cases and where AI is going in the future

April 21 | Deeper Dive
AI concepts and different techniques for the electric power industry

Register HERE

AI AND ELECTRIC POWER MEET UP: A REVERSE PITCH

EPRI | ELECTRIC POWER RESEARCH INSTITUTE

ARTIFICIAL INTELLIGENCE

May 24-27, 2021 | 9:00 AM-4:00 PM Eastern

Utilities will present their data-related challenges and AI companies and organizations will respond with potential solutions and collaboration opportunities for future research and development.

Reverse Pitch Topics Include:

- Smart Grid
- Decarbonization and ESG
- Asset Management

- Customer Engagement
- Digital Twins
- And more!

Keynotes from EPRI, universities and national labs, government organizations, and AI leaders. Panels, breakout sessions, and fireside chats.

Register [HERE](#)

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Learn more at aielectricpower.com

Together...Shaping the Future of Electricity

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