

EML Energy Conference 2026

Electricity Demand Forecasting in the AI Era

February 20, 2026 | IMU, Indiana University Bloomington
Dogwood Room (IMU, Main Level)

Program

9:30 – 10:00 AM: Coffee & Registration

10:00 – 10:30 AM:

Opening and Introduction

Yoosoon Chang, Executive Director

Economic Machine Learning (EML) Lab

- Why We Established EML Lab
- Current Projects and Future Directions

10:30 AM – 12:00 PM

Electricity Demand Forecasting – Policy, Market, and Operational Perspectives

Interactive Session with Q&A

- *Honorable Greg Ballard, 48th Mayor of Indianapolis (2008-2016)*
- *Kenneth B. Medlock III, James A. Baker III and Susan G. Baker Fellow in Energy and Resource Economics; Senior Director, Center for Energy Studies, Rice University*
- *Kristian Doty, Principal Forecasting Analyst, Midcontinent Independent System Operator (MISO)*

12:00 – 1:00 PM: Lunch

1:00 – 1:20 PM

AI-Powered Load Forecasting at EML Lab: Overview and Vision

Yoosoon Chang, Executive Director, EML Lab

- The Goal and Specialty of EML Lab's Electricity Demand Forecasting

1:20 – 2:00 PM

AI-Powered Load Forecasting at EML Lab: Methodology and Technical Framework

Joon Park, Research Director, EML Lab

- Summaries of Methodology and Model Development

2:00 – 2:40 PM

Illustrations of EML Lab Load Forecasters

Yongok Choi (EML External Fellow, Chung-Ang University)

- Implementation and Backtesting Results

2:40 – 3:00 PM: Break

3:00 – 4:00 PM

Industry Commentary on EML's AI-Powered Forecasting Models

Practitioner Perspectives and Operational Feedback

Moderated Discussion with Yoosoon Chang, Executive Director, EML Lab

4:00 PM: Adjourns

5:00 PM

Reception and Conference Dinner (*Invitation Only*)

Uptown Café

Open to IU students, faculty, and invited guests. Lunch and reception RSVP required.

This is a tentative program and may be subject to minor adjustments. We look forward to a day of substantive exchange between academic research and industry practice.

Contact: EML Lab, Department of Economics, Indiana University

Website: eml-lab.github.io