

## **EML Energy Conference 2026**

### ***Electricity Demand Forecasting in the AI Era***

February 20, 2026 | IMU, Indiana University Bloomington

Dogwood Room (IMU, Main Level)

## **Program**

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**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, 48<sup>th</sup> 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](#)**

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*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](https://eml-lab.github.io)