

Data-Driven Distributed (3D) Solar Visibility Prize

Approach

Hybrid State Estimation

- Combine physics-based models with ML techniques
- Utilize historical data for pre-processing and pseudo-measurement generation
- Develop robust bad data detection and topology change identification methods
- Optimize for scalability to handle both small and large distribution networks

Team

Matt Motoki

- Data Scientist at Shifted Energy
- Ph.D. Student at the University of Washington