

## **Data Analytics, Data Science and Machine Learning for Power Systems**

Data analytics, data science and machine learning have the potential to increase efficiency and enhance decision-making in the power sector. However, applications are still rather limited, focused mainly on forecasting wind, solar or load or used for asset management. This discussion will cover industry changes within the power sector that are increasing the potential benefits of data science and machine learning, briefly review wholesale power market and operations problems to solve and highlight trials started for wholesale market and operations.