



# Dynamic Load Modeling Workshop

Advanced Grid R&D Division  
Office of Electricity

# AGR&D Controls Team: Workshop on Dynamic Load Modeling

The purpose of the workshop is to both conduct outreach on and receive feedback from industry on OE's research on dynamic load modeling and to build community among DOE offices, researchers and industry.

- The models describe how loads respond to **physical disturbances** that affect the reliability of the power system – important for integration of DERs and EVs.
- They are specialized means for representing the **short-term behavior** of end-use loads in simulation-based transient stability studies of electric power systems.
- Over this time frame, only physical factors, such as the **automatic responses of the power system** equipment and the **static composition of loads**, are assumed relevant.