

# WECC Load Modeling Work Group Roadmap

Bo Gong, Chair, Load Modeling Work Group  
WECC Modeling and Validation Subcommittee Meeting  
May 16 – May 19, 2022



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# Near Term Plan - 2022

- Ensure latest load modeling improvements adopted in WECC base cases
  - Each load has climate zone/type of feeder – done
  - Load type based composite load models in WECC – done
  - DER model data included in WECC composite load model – ongoing
  - Coordinate modular implementation of dynamic load models in all software packages used in WECC – ongoing
    - Status update from software vendors
    - NERC modular CMLD requirement memo

# Near Term Plan - 2022

- Improvement on generic data sets with new climate zone, load composition
  - Update WECC climate zones with better granularity – **ongoing**
  - Load composition improvements - update WECC load composition model with DOE/LBNL/BPA improvement – **ongoing**
- Improvement on load protection data
  - Recommended change of Tth – **done**
  - MotorC for SPIM representation – **ongoing**
  - Measurements (or Validation) based load protection improvement through detailed feeder models – **planned for the future**
- Simplify the usage and updates to composite load model
  - Software tools to help create CMLD based on new structure – **planned for the future**

# Questions

