Challenges Facing Load Research Related to Distributed Generation (DG)

Round Table Discussion

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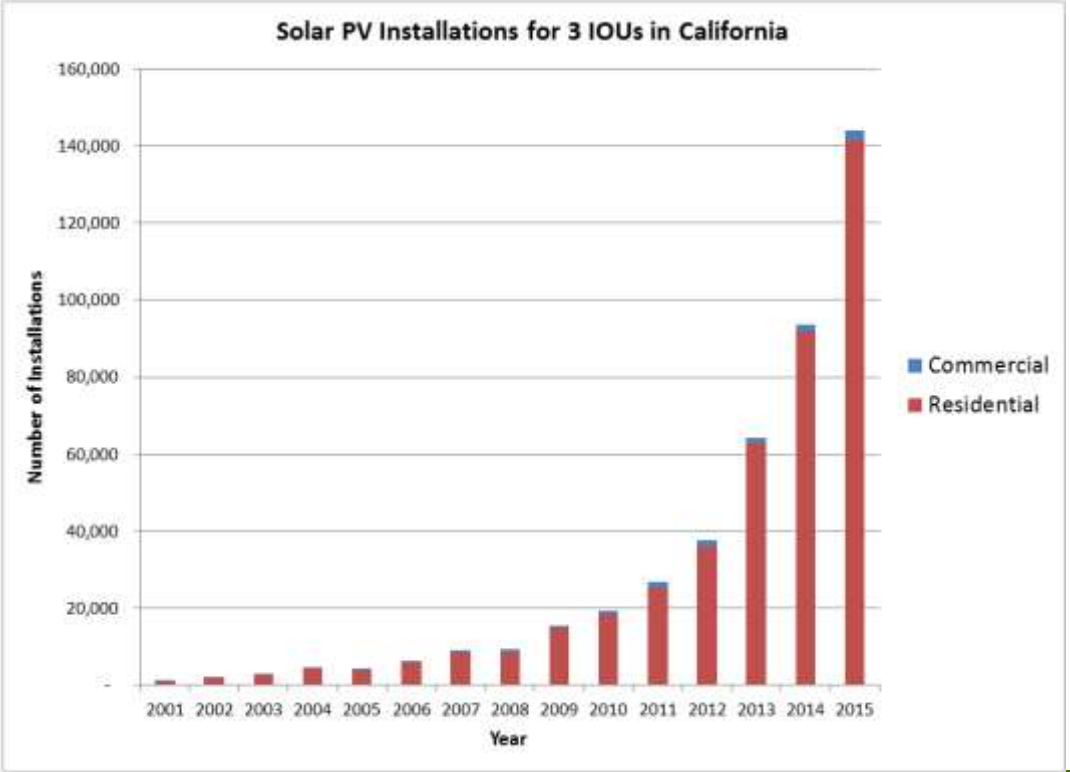
Background

- Net Energy Metering (NEM) 2.0
  - AB 2339 legislation will impact Municipals in California
  - NEM 2.0 = NEM 1.0, CPUC to revisit NEM in 2019
- Growth of Residential Solar Customers



Challenges

- Sampling
  - Ratio Estimation -- AMI and/or NEM changed everything
- Posted load profiles no longer show total consumption
- Access to solar production
  - model it, borrow it, meter it, estimate it (?)
- Forecasting revenue using usage forecast
- System peak shifting later in the day
- Net System Load (“Duck Curve”)
- Other ?