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<th><strong>Docket Number:</strong></th>
<th>19-IEPR-03</th>
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<tr>
<td><strong>Project Title:</strong></td>
<td>Electricity and Natural Gas Demand Forecast</td>
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<td><strong>TN #:</strong></td>
<td>229415</td>
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<tr>
<td><strong>Document Title:</strong></td>
<td>California Energy Demand Preliminary Forecast - Purpose and Scope</td>
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<tr>
<td><strong>Description:</strong></td>
<td>Presentation By Nick Fugate, California Energy Commission</td>
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<td><strong>Filer:</strong></td>
<td>Harrison Reynolds</td>
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<td><strong>Organization:</strong></td>
<td>California Energy Commission</td>
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<td><strong>Submitter Role:</strong></td>
<td>Commission Staff</td>
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<td><strong>Submission Date:</strong></td>
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Who uses the forecast?

• Resource planning
  – Integrated Resource Planning
  – Distributed Resource Planning
  – Resource Adequacy

• Transmission planning and flexibility studies

• Benchmark for state energy policies and goals
Why a preliminary?

• First look at the impact of refreshed inputs, assumptions and modeling changes
• Compare to most recent utility forecasts
• Energy Assessments Division iterative modeling process
• Allows time enough to incorporate additional changes into the final forecast
Scope of the preliminary

- Natural Gas end user consumption
- Electricity consumption, sales, annual and monthly peaks, and hourly demand
- 2018 base year for sales and peak
- Forecast period through 2030
- Baseline forecast only
  - 2019 Title 24 impacts considered baseline
  - Includes other efficiency impacts previously part of AAEE
What has changed?

- Refreshed rates, economic drivers
- Historical load, interconnection and LSE forecast data
  - New CCA projections
- New EV, self-gen, and committed EE projections
- Incorporating results from ADM load shape project
- Other LSE adjustments
  - Valley Electric Association
For the revised forecast

- Refresh rates, economic and demographic drivers
- 2019 weather normalized peak loads
- AAEE scenarios and managed forecasts
- Incorporate forecast of cannabis energy impacts
- Additional model enhancements
- Respond to stakeholder comments
- Preliminary fuel substitution analysis (not for adoption)
Important dates

- August 29 – Written comments due
- September 26 – Workshop: emerging topics related to forecasting
- December 2 – Workshop: revised forecast
- January 2020 – Business meeting: final forecast presented for adoption