

**Energy Division May 17, 2023, Workshop Agenda**

Electrification Impacts Study (EIS) Part 1

High Distributed Energy Resources Grid Planning Proceeding (R.21-06-017)

**The Study**

The *Electrification Impacts Study (EIS) Part 1: Bottom-Up Load Forecasting and System-Level Electrification Impacts Cost Estimates* (issued by the May 9 2023, [Ruling](https://docs.cpuc.ca.gov/SearchRes.aspx?DocFormat=ALL&DocID=508423139)) was prepared to support the High Distributed Energy Resources (DER) Grid Planning proceeding ([R.21-06-017](https://apps.cpuc.ca.gov/apex/f?p=401:56::::RP,57,RIR:P5_PROCEEDING_SELECT:R2106017)).

The study addresses two main objectives:

1. Exploring new planning and analytic methods, including scenario planning, that attempt to improve forecasting accuracy and granularity for estimating where and when electrification loads will occur, and the potential impact of DER growth on forecasts, and
2. Estimating grid infrastructure costs associated with achieving California electrification policies over longer time frames than current distribution planning processes (inclusive of distribution grid requirements down to the service transformer level).

**The Workshop**

CPUC Energy Division will host a public workshop to present: the findings and methods described in EIS Part 1 and the proposal for updating the study in EIS Part 2.

**Attendee Information**

When: May 17, 2023, at 9 am to 3:30 pm

Where:Remote

Webcast/Webex info:
<https://cpuc.webex.com/weblink/register/r2be119ae6e9264bd74cb248ac2091560>

Call in and Passcode:

* 1-855-282-6330 United States Toll Free
* +1-415-655-0002 United States Toll
* Access code: 2489 892 2224

**Agenda**

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| **#** | **Start Time** | **Agenda Item** | **Facilitator** | **Duration** |
| 1 | 9:00 – 9:20  | Introduction, Logistics and Welcome* Opening Remarks by Commissioner Houck
 | CPUC  | 20 min |
| 2 | 9:20 – 9:30 | High DER Proceeding* Overview
* Track 1, Phase 1 activities in 2023
 | CPUC | 10 min |
| 3 | 9:30 -9:40 | EIS Part 1 Overview and Findings | CPUC | 10 min |
| 4 | 9:40 -11:00 | EIS Part 1 Assumptions, Methods and Limitations Overview | Kevala | 80 min |
| *10 Minute Break* |
| 5 | 11:10-12 | Grid Impacts and Cost Analysis Overview | Kevala | 50 min |
| 6 | 12 – 12:30 | Stakeholder Discussion on EIS Part 1 | CPUC | 30 min |
|  *1 hr Lunch* |
| 7 | 1:30 -2:30 | EIS Part 2 Proposal* Proposed Part 2 Improvements to Approach, Assumptions
* Proposed Part 2 Case Studies and Mitigations
 | Kevala | 60 min |
| *10 Minute Break* |
| 8 | 2:40 - 3:20 | Stakeholder Discussion on EIS Part 2 | CPUC  | 40 min |
| 9 | 3:20 – 3:30 | Next steps and Closing Remarks | CPUC  | 10 min |

**Questions for Discussion with Stakeholders**

1. Comments and questions on the methodology, analysis, and findings of the Part 1 Study.
2. What are the strengths and weaknesses of the Part 1 Study assumptions and methodology compared to the utilities’ approach to distribution planning processes?
3. How should the approach and information used in the Part 1 Study be updated for developing and improving the methodology, analysis, and scenarios for the Part 2 Study?
4. The Part 1 Study proposes developing scenarios for building electrification and electric vehicle adoption for the Part 2 Study. What other scenarios, if any, should the future study consider? How should the study design these scenarios?
5. The Part 1 Study proposes developing case studies for specific grid locations be identified to build a location-specific distribution planning framework. How should these case studies be designed?
6. What additional topics should be considered in developing the scope for the Part 2 Study?