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| **Description:** | Presentation by Mary Jane Coombs from the California Air Resources Board |
| **Filer:** | Stephanie Bailey |
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SB 350 Integrated Resource Planning Interagency Workshop
April 17, 2017
California Air Resources Board
Interagency Process

- SB 350 requires ARB to establish targets in coordination with CPUC and CEC.
- CPUC and CEC have significant and equal roles in establishing sector and individual LSE/POU planning targets.
- Each energy agency has its own required process.
- The three agencies will facilitate a joint informal public process:
  - Avoids duplication and streamlines process for agencies and stakeholders.
  - Workshops will be attended by staff from the three agencies, even if not noticed as joint workshops.
  - Agencies will collaborate on public materials and jointly review comments and stakeholder feedback as appropriate.
- ARB website links to energy agency websites on this process and provides access to public workshop meeting details.
Tentative Schedule

- Spring 2017: Release Final Proposed Scoping Plan
- June 2017: Final Board consideration of Scoping Plan
- Late 2017: ARB Board Consideration of SB 350 Sector and Individual Planning Targets
Proposed Bottom-Up Methodology for Basis for Estimating LSE/POU Targets

- Calculate the greenhouse gas emissions (metric tons CO$_2$e) associated with the electricity served by each electrical distribution utility noted in the Cap-and-Trade Regulation.

- Utilize projections from the following resources:
  - CEC’s 2015 IEPR demand forecast (load)
  - 2015 S-2 resource plans (generation sources)
  - IRPs and other data sources (only for utilities that do not submit S-2s)

- Further details can be found in [https://www.arb.ca.gov/regact/2016/capandtrade16/attachc.pdf](https://www.arb.ca.gov/regact/2016/capandtrade16/attachc.pdf) and [https://www.arb.ca.gov/regact/2016/capandtrade16/2021-2030-edu-allocation.xlsx](https://www.arb.ca.gov/regact/2016/capandtrade16/2021-2030-edu-allocation.xlsx). For each utility, the spreadsheet cell proposed for use is the 2030 value for EDU-Specific Emissions (MTCO$_2$e).
Calculation of Basis for Estimating LSE/POU Targets

- Emissions are calculated from natural gas (0.4354 MTCO$_2$e/MWh) resources and solid fuel resources (uses generator-specific emission factors and IPCC AR4 global warming potentials).

- Natural gas generation is calculated as follows: (generation for load) – (solid fuel generation) – (zero-emissions generation).

- Zero-emission generation is calculated based on each utility meeting the 50% RPS requirement in 2030 (applied to sales projections) and any additional zero-emission resources not covered under RPS.

- Load served by natural gas is assumed to never drop below 5 percent.

- LSE/POU target estimation does not utilize a cap adjustment factor.