

DOCKETED

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California Energy Commission

Phase II Rulemaking – CEC-1304 Power Plant Owners Reporting Changes

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Goal for Phase II Rulemaking

Amend California Public Resources Code sections that apply to QFER supply data collection to:

- Remove duplicative regulations
- Eliminate redundant reporting elements
- Restrict reporting to only those informational elements that support CEC business needs



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Steps to achieve this goal:

- Integrate renewable and non-renewable utility-scale power generation under a common set of regulations
- Align reporting requirements with business needs:
 - Match water usage reporting with jurisdictional power plant siting
 - Add identifiers that enable cross-referencing with other information sources
 - Coordinate utility reporting under 1304(b) with 1353
 - Remove regulations where data is available from other agencies
- Adjust regulations based on recent experience from Phase I Rulemaking
- Actively engage with stakeholders throughout rulemaking process



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Areas of California PRC data collection proposed to be revised:

- **Section 1302 – Definitions**
- **Section 1304(a)(1)&(2) - Power Plant Report**
 - Monthly and annual electric generation and fuel for power plants one megawatt and larger (≥ 1 MW)
- **Section 1304(a)(3) – Environmental Information**
 - Water Usage
 - Avian and Aquatic Takes
 - Notice of Violations
- **Section 1304(b) - UDC Semi-Annual Report**
 - Lists all power generation, including distributed generation, within a utility service territory
- **Section 1381-1389 - Wind Performance Reporting System**
 - Regulations overlapping with Section 1304(a)(1)&(2)



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- **Section 1302: Definitions**

- Amended existing definitions and added new definitions to integrate wind reporting from Section 1381-1389.
- Examples include:
 - Hub height
 - Rated wind speed
 - Rotor area
 - Wind turbine



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- **Section 1304(a)(1) & (2): Power Plant Reports**
 - Integrate the details of wind reporting from Section 1381-1389 into existing 1304 power plant reporting
 - Adding descriptions that are unique to wind generation such as the number of wind turbines in a resource, analogous to generating units within a thermal powerplant
 - Amendments applicable to all renewable and non-renewable generators greater than or equal to one megawatt nameplate capacity
 - Control area operator
 - WREGIS identifier
 - Latitude and longitude
 - Date of nameplate capacity change
 - Make and model of generating unit



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- **Section 1304(a)(3)(A): Environmental Information**
 - Limit water usage reporting to CEC jurisdictional power plants
 - Limit reporting to three generation technologies:
 1. Natural gas power plants rated 50 MW and larger
 2. Solar power plants rated 50 MW and larger
 3. Geothermal power plants of any size
 - Add descriptive data elements about water usage:
 1. Identify potable/recycled/degraded/untreated water
 2. Identify water rights permits
 3. Identify the wastewater discharge destination



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- **Section 1304(a)(3)(B): Biological Resources**
 - Remove reporting of copies of reports or filings required by other regulations to identify avian and aquatic takes and the biomass composition of species killed by once-through-cooling systems
 - OTC technologies are now limited in California
 - Duplicative reporting of data available from other agencies



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- **Section 1304(a)(3)(C): Notices of Violations**
 - Remove reporting of copies of written notifications of violations created by the operation of the power plant
 - Duplicative reporting of data available from other agencies



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- **Section 1304(b): Reports by Utility Distribution Companies**
 - Aligning reporting with Section 1353 requirements:
 - Limits reporting of service account number, premise ID number, and meter ID number to the five largest utilities in California
 - Reporting of the rate schedule for distributed generation systems for all utilities continues



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- **Section 1381-1389: Wind Performance Reporting System**
 - Removal of these sections as their content is now fully covered by 1304(a)(1)&(2), eliminating overlap in regulations
 - Wind generator owners and operators reporting fully covered in 1304(a)(1)&(2)
 - Removes requirement for wind purchaser reporting
 - Creates equal reporting for all power plant types with no additional reporting requirements for purchasers of renewable energy
 - Wind plants between 100 kW and 1 MW are reported by utilities under 1304(b) regulations
 - CEC staff will estimate generation for small wind systems based on surveys as required



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- **Stakeholder Outreach**

- August 24, 2020

- Informal outreach via email to all power plant owners

- Owners included renewable and non-renewable facilities

- Email included strikeout language of proposed changes to Sections 1301-1304 and 1381-1389

- Requested feedback by September 30, 2020

- Replies/comments received from:

- LADWP

- Southern California Edison

- SMUD

- California Wind Energy Association

- Foundation Windpower, LLC

- Western Area Power Administration

- Jeffery Harris, eslawfirm.com



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