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<th><strong>Docket Number:</strong></th>
<th>18-OIR-01</th>
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<tr>
<td><strong>Project Title:</strong></td>
<td>Energy Data Collection - Phase 2</td>
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<td>235400</td>
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<tr>
<td><strong>Document Title:</strong></td>
<td>CCR 1304 Generation Presentation</td>
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<tr>
<td><strong>Description:</strong></td>
<td>Presentation on Proposed Changes to CCR 1304 Regulations for Wind and Water</td>
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<td><strong>Filer:</strong></td>
<td>Ryan Eggers</td>
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<td><strong>Organization:</strong></td>
<td>Energy Commission</td>
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<td><strong>Submitter Role:</strong></td>
<td>Commission Staff</td>
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California Energy Commission

Phase II Rulemaking – CEC-1304 Power Plant Owners Reporting Changes
Michael Nyberg – Supervisor, Supply Data Analysis Unit
October 27, 2020
QFER Supply Data Collection

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)
• 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
• 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
michael.nyberg@energy.ca.gov