

AB 617 – BARCT Rule Development Schedule

Board of Directors Santa Barbara County Air Pollution Control District

Our Mission: To protect the people and the environment of Santa Barbara County from the effects of air pollution.

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Presentation Overview

- Best Available Retrofit Control Technology (BARCT) Overview
- Assembly Bill (AB) 617 Requirements
- AB 617 Industrial Sources
- BARCT Rule Development Schedule

BARCT Overview

- Best Available Retrofit Control Technology (BARCT)
 - An emission limitation that is based on the **maximum degree** of reduction achievable.
 - Involves retrofitting or replacing equipment.
- Air Districts in Serious, Severe, or Extreme nonattainment areas have been adopting BARCT standards for their stationary sources for the last 30 years.
- BARCT is a moving target. As technology progresses, so does the **maximum degree** of reductions achievable.

Assembly Bill 617

- **January 1, 2019:** All districts that are nonattainment need to adopt an expedited rule development schedule that implements BARCT by the earliest feasible date.
- BARCT requirements apply to each Industrial Source subject to the state Cap & Trade program.
 - Greater than 25,000 metric tons of greenhouse gases (GHGs).
 - There are six Industrial Sources located in Santa Barbara County.
- Santa Barbara County Attainment Status:
 - Nonattainment-Transitional for the state Ozone standard
 - Nonattainment for the state PM₁₀ standard (particulate matter < 10 microns)

AB 617 Industrial Sources



BARCT Evaluation

- 1) **Review all the emission units at each Industrial Source.**
- 2) **Review the CARB Technology Clearinghouse**
 - Contains BARCT determinations from various air districts.
 - Each air district able to make its own BARCT determinations.
- 3) **Compare the BARCT determinations in the Clearinghouse to our rulebook and to the permits for the six Industrial Sources.**
- 4) **Identify whether each source category meets our BARCT standard.**

Proposed AB 617 Rule Development Schedule

Rule #	Rule Name	AB 617 Rule Development Schedule
361	Boilers, Steam Generators and Process Heaters (Between 2-5 MMBtu/hr)	2019
342	Boilers, Steam Generators and Process Heaters (5 MMBtu/hr and greater)	2019
363 *	Particulate Matter (PM) Control Devices	2020
333	Control of Emissions from Reciprocating Internal Combustion Engines	2021
358 *	Stationary Gas Turbines	2021
362 *	Nitrogen Oxides (NOx) from Miscellaneous Combustion Sources	2021

* Denotes a new rule

Public Meetings

- **November 7, 2018:** Joint Public Workshop/Community Advisory Council meeting
- **Public Workshop:**
 - Discussion and comments focused on the inherent difficulties for facilities to comply with lower emission standards based on their process.
 - Staff reaffirmed that facility-specific data would be reviewed during each rule development proceeding.
- **Community Advisory Council:**
 - Voted to approve the rule development schedule with a request to delay the Rule 333 proceeding until 2021.

Staff Recommendation

- Receive testimony on the adoption of the Assembly Bill 617 Best Available Retrofit Control Technology Rule Development Schedule;
- Adopt the Board Resolution approving the AB 617 Rule Development Schedule;
- Find that the adoption of the Rule Development Schedule is not a project under CEQA.

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