



BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT

CEQA Scoping Meeting

AB 617 Expedited Best Available Retrofit Control Technology (BARCT) Implementation Schedule for Affected Cap-and-Trade Sources



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August 24, 2018

Agenda

- Background and Overview
- Summary of Project Description
- Consideration of Potential Impacts
- Next Steps

Background and Overview

- AB 617 signed into law in July 2017
- Requires development of an Expedited Best Available Retrofit Control Technology (BARCT) Implementation Schedule
- Schedule includes potential rule development projects to implement BARCT
- California Environmental Quality Act (CEQA) requires environmental impacts analysis – potentially significant impacts
- Published Notice of Preparation and Initial Study (NOP/IS) on August 7, 2018
- Scoping meeting is to receive input on scope and contents of issues to be addressed in the Environmental Impact Report (EIR)

Summary of Project Description

AB 617 BARCT Schedule

- Must be adopted by 1/1/2019
- Applies to industrial Cap-and-Trade facilities
- Must be implemented no later than 12/31/2023
- Best Available Retrofit Control Technology
 - An emission limitation that is based on the maximum degree of reduction achievable, taking into account environmental, energy, and economic impacts by each class or category of source
- Does not apply to sources that have implemented BARCT since 2007
- Priority for sources that have not modified emissions limits for longest period of time

Summary of Project Description

- Air District developed draft BARCT Schedule
 - Identified the sources to evaluate
 - Determined preliminary BARCT levels for each pollutant and source
 - Prioritized potential rule development projects
- Released concept paper and project scopes in May 2018
- Conducted stakeholder meetings, received public comments, continued coordination with ARB, further technical assessment/research, review and analysis of AB 617 requirements
- Developed revised draft BARCT Schedule – Six potential rule development projects
- Upcoming Initial Staff Report and revised draft BARCT Schedule

Summary of Project Description

<u>Rule Development Projects</u>	PM	NOx	ROG	SO ₂
Organic Liquid Storage Tanks			X	
Petroleum Wastewater Treating			X	
Portland Cement Manufacturing	X			X
Refinery Fluid Catalytic Crackers and CO Boilers	X			X
Refinery Heavy Liquid Leaks			X	
Petroleum Coke Calcining		X		

Summary of Project Description

- BARCT Schedule may require facilities to implement air pollution control equipment or measures:
 - Dome installations
 - Vapor recovery units
 - Vapor combustors
 - Lime injection systems
 - Catalyst additives for reducing/removing pollutants
 - Electrostatic precipitators (ESP)
 - Wet gas scrubber (WGS)
 - Increased leak detection and repair
 - Selective catalytic reduction (SCR)
 - Low temperature oxidation (LoTOx) scrubber

Consideration of Potential Impacts

- Areas for potential for significant impacts identified in Initial Study:
 - Air quality
 - Hazards & hazardous materials
 - Hydrology/water quality
 - Utilities/service systems
- Potential impacts associated with implementation of additional pollution controls

Consideration of Potential Impacts

- Areas with no potential impact or less than significant impact identified in Initial Study:
 - Aesthetics
 - Agriculture and forestry resources
 - Biological resources
 - Cultural resources
 - Geology/soils
 - Greenhouse gas emissions
 - Land use/planning
 - Mineral resources

Consideration of Potential Impacts

- Areas with no potential impact or less than significant impact identified in Initial Study: (continued)
 - Noise
 - Population/housing
 - Public services
 - Recreation
 - Transportation/traffic
 - Tribal cultural resources

Next Steps

- Comments on NOP/IS due **September 7, 2018**
- Prepare and release draft EIR for public review and comment
- Consider comments and prepare final EIR
- Board consideration of proposed schedule and EIR expected end of 2018

Next Steps

- Verbal comments at Scoping Meeting
- Written comments (preferred)
 - Submit comment cards
 - Submit comments by email:
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 - Submit comments by mail:
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- Comments on NOP/IS due **September 7, 2018**
- For further information: <http://www.baaqmd.gov/ab617barct>