

Notice of Completion & Environmental Document Transmittal

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613
 For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

SCH # 2016071006

Project Title: Proposed Amended Rule (PAR) 1135 – Emissions of Oxides of Nitrogen from Electricity Generating Facilities

Lead Agency: South Coast Air Quality Management District (South Coast AQMD) Contact Person: Sina Taghvaei
 Mailing Address: 21865 Copley Drive Phone: (909) 396-2192
 City: Diamond Bar Zip: 91765-4182 County: Los Angeles, Riverside, Orange, San Bernardino

Project Location: County: Please see the attached description. City/Nearest Community: _____

Cross Streets: _____ Zip Code: _____

Longitude/Latitude (degrees, minutes and seconds): _____° _____' _____" N / _____° _____' _____" W Total Acres: _____

Assessor's Parcel No.: _____ Section: _____ Twp.: _____ Range: _____ Base: _____

Within 2 Miles: State Hwy #: _____ Waterways: _____

Airports: _____ Railways: _____ Schools: _____

Document Type:

CEQA: <input type="checkbox"/> NOP	<input type="checkbox"/> Draft EIR	NEPA: <input type="checkbox"/> NOI	Other: <input type="checkbox"/> Joint Document
<input type="checkbox"/> Early Cons	<input checked="" type="checkbox"/> Supplement/Subsequent EIR	<input type="checkbox"/> EA	<input type="checkbox"/> Final Document
<input type="checkbox"/> Neg Dec	(Prior SCH No.) <u>2016071006</u>	<input type="checkbox"/> Draft EIS	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Mit Neg Dec	Other: _____	<input type="checkbox"/> FONSI	_____

Local Action Type:

<input type="checkbox"/> General Plan Update	<input type="checkbox"/> Specific Plan	<input type="checkbox"/> Rezone	<input type="checkbox"/> Annexation
<input type="checkbox"/> General Plan Amendment	<input type="checkbox"/> Master Plan	<input type="checkbox"/> Prezone	<input type="checkbox"/> Redevelopment
<input type="checkbox"/> General Plan Element	<input type="checkbox"/> Planned Unit Development	<input type="checkbox"/> Use Permit	<input type="checkbox"/> Coastal Permit
<input type="checkbox"/> Community Plan	<input type="checkbox"/> Site Plan	<input type="checkbox"/> Land Division (Subdivision, etc.)	<input type="checkbox"/> Other: _____

Development Type:

<input type="checkbox"/> Residential: Units _____ Acres _____	<input type="checkbox"/> Transportation: Type _____
<input type="checkbox"/> Office: Sq.ft. _____ Acres _____ Employees _____	<input type="checkbox"/> Mining: Mineral _____
<input type="checkbox"/> Commercial: Sq.ft. _____ Acres _____ Employees _____	<input type="checkbox"/> Power: Type _____ MW _____
<input type="checkbox"/> Industrial: Sq.ft. _____ Acres _____ Employees _____	<input type="checkbox"/> Waste Treatment: Type _____ MGD _____
<input type="checkbox"/> Educational: _____	<input type="checkbox"/> Hazardous Waste: Type _____
<input type="checkbox"/> Recreational: _____	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Water Facilities: Type _____ MGD _____	

Project Issues Discussed in Document:

<input checked="" type="checkbox"/> Aesthetic/Visual	<input type="checkbox"/> Fiscal	<input checked="" type="checkbox"/> Recreation/Parks	<input type="checkbox"/> Vegetation
<input checked="" type="checkbox"/> Agricultural Land	<input type="checkbox"/> Flood Plain/Flooding	<input checked="" type="checkbox"/> Schools/Universities	<input checked="" type="checkbox"/> Water Quality
<input checked="" type="checkbox"/> Air Quality	<input checked="" type="checkbox"/> Forest Land/Fire Hazard	<input type="checkbox"/> Septic Systems	<input checked="" type="checkbox"/> Water Supply/Groundwater
<input checked="" type="checkbox"/> Archeological/Historical	<input checked="" type="checkbox"/> Geologic/Seismic	<input type="checkbox"/> Sewer Capacity	<input type="checkbox"/> Wetland/Riparian
<input checked="" type="checkbox"/> Biological Resources	<input checked="" type="checkbox"/> Minerals	<input checked="" type="checkbox"/> Soil Erosion/Compaction/Grading	<input checked="" type="checkbox"/> Growth Inducement
<input type="checkbox"/> Coastal Zone	<input checked="" type="checkbox"/> Noise	<input checked="" type="checkbox"/> Solid Waste	<input checked="" type="checkbox"/> Land Use
<input type="checkbox"/> Drainage/Absorption	<input checked="" type="checkbox"/> Population/Housing Balance	<input checked="" type="checkbox"/> Toxic/Hazardous	<input checked="" type="checkbox"/> Cumulative Effects
<input type="checkbox"/> Economic/Jobs	<input checked="" type="checkbox"/> Public Services/Facilities	<input checked="" type="checkbox"/> Traffic/Circulation	<input checked="" type="checkbox"/> Other: <u>Wildfire</u>

Present Land Use/Zoning/General Plan Designation:

Various

Project Description: *(please use a separate page if necessary)*

Please see the attached description.

Note: The State Clearinghouse will assign identification numbers for all new projects. If a SCH number already exists for a project (e.g. Notice of Preparation or previous draft document) please fill in.

Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with an "X".
If you have already sent your document to the agency please denote that with an "S".

<input checked="" type="checkbox"/> Air Resources Board	<input type="checkbox"/> Office of Historic Preservation
<input type="checkbox"/> Boating & Waterways, Department of	<input type="checkbox"/> Office of Public School Construction
<input type="checkbox"/> California Emergency Management Agency	<input type="checkbox"/> Parks & Recreation, Department of
<input type="checkbox"/> California Highway Patrol	<input type="checkbox"/> Pesticide Regulation, Department of
<input checked="" type="checkbox"/> Caltrans District # <u>7</u>	<input type="checkbox"/> Public Utilities Commission
<input type="checkbox"/> Caltrans Division of Aeronautics	<input checked="" type="checkbox"/> Regional WQCB # <u>4,7,8</u>
<input checked="" type="checkbox"/> Caltrans Planning	<input checked="" type="checkbox"/> Resources Agency
<input type="checkbox"/> Central Valley Flood Protection Board	<input type="checkbox"/> Resources Recycling and Recovery, Department of
<input type="checkbox"/> Coachella Valley Mtns. Conservancy	<input type="checkbox"/> S.F. Bay Conservation & Development Comm.
<input type="checkbox"/> Coastal Commission	<input type="checkbox"/> San Gabriel & Lower L.A. Rivers & Mtns. Conservancy
<input type="checkbox"/> Colorado River Board	<input type="checkbox"/> San Joaquin River Conservancy
<input type="checkbox"/> Conservation, Department of	<input type="checkbox"/> Santa Monica Mtns. Conservancy
<input type="checkbox"/> Corrections, Department of	<input type="checkbox"/> State Lands Commission
<input type="checkbox"/> Delta Protection Commission	<input type="checkbox"/> SWRCB: Clean Water Grants
<input type="checkbox"/> Education, Department of	<input checked="" type="checkbox"/> SWRCB: Water Quality
<input checked="" type="checkbox"/> Energy Commission	<input type="checkbox"/> SWRCB: Water Rights
<input checked="" type="checkbox"/> Fish & Game Region # <u>5</u>	<input type="checkbox"/> Tahoe Regional Planning Agency
<input type="checkbox"/> Food & Agriculture, Department of	<input checked="" type="checkbox"/> Toxic Substances Control, Department of
<input type="checkbox"/> Forestry and Fire Protection, Department of	<input checked="" type="checkbox"/> Water Resources, Department of
<input type="checkbox"/> General Services, Department of	
<input type="checkbox"/> Health Services, Department of	<input checked="" type="checkbox"/> Other: <u>Statewide Health Planning and Development, California Office of</u>
<input type="checkbox"/> Housing & Community Development	<input checked="" type="checkbox"/> Other: <u>Office of Emergency Services, and Integrated Waste Management Board</u>
<input checked="" type="checkbox"/> Native American Heritage Commission	

Local Public Review Period (to be filled in by lead agency)

Starting Date August 2, 2024 Ending Date September 17, 2024

Lead Agency (Complete if applicable):

Consulting Firm: _____	Applicant: _____
Address: _____	Address: _____
City/State/Zip: _____	City/State/Zip: _____
Contact: _____	Phone: _____
Phone: _____	

Signature of Lead Agency Representative: Kevin Ni

Digitally signed by Kevin Ni
Date: 2024.08.02 09:22:07 -0700

Date: August 2, 2024

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources Code.

Attachment 1: Project description

Project Title: Proposed Amended Rule (PAR) 1135 – Emissions of Oxides of Nitrogen from Electricity Generating Facilities

Project Location: PAR 1135 applies to electric generating units at electricity generating facilities located in the South Coast AQMD jurisdiction, which includes the four-county South Coast Air Basin (all of Orange County and the non-desert portions of Los Angeles, Riverside and San Bernardino counties), and the Riverside County portion of the Salton Sea Air Basin and the non-Palo Verde, Riverside County portion of the Mojave Desert Air Basin. However, only the electricity generating facility located on Santa Catalina Island within Los Angeles County, will be expected to undergo physical modifications to comply with PAR 1135 requirements.

Description of Nature, Purpose, and Beneficiaries of Project: PAR 1135 proposes revisions specific to electric generating units located on Santa Catalina Island which will: 1) remove the nitrogen oxides (NO_x) emission limit of 50 tons per year (tpy) because the January 1, 2024 compliance date has passed; 2) delay the compliance dates of the NO_x emission limits of: a) 45 tpy from January 1, 2025 to January 1, 2027, and b) 13 tpy from January 1, 2026 to January 1, 2030 (with a three-year extension option to meet 13 tpy by January 1, 2033) to allow for the installation of no more than three new diesel internal combustion engines with a cumulative rating of 5.5 megawatts (MW); 3) establish new 30 tpy and six tpy NO_x emission limits with compliance dates of January 1, 2028 and January 1, 2035 respectively (with a three-year extension option to meet 6 tpy by January 1, 2038); 4) require the installation of Santa Catalina Island near zero emission (NZE) and/or zero emission (ZE) electric generating units by January 1, 2030 (with a three-year extension option to meet by January 1, 2033); 5) prohibit the installation of equipment after January 1, 2028 that does not meet the definition of a Santa Catalina Island NZE electric generating unit or a Santa Catalina Island ZE electric generating unit; 6) require all prime power diesel internal combustion engines installed prior to the Date of Adoption to be removed from service by January 1, 2030 or six month any applicable extensions; and 7) establish provisions for monitoring, reporting, and recordkeeping for NZE electric generating units. The Draft SEA concluded that significant and unavoidable adverse environmental impacts may occur for the topic of air quality during operation due to interim emission reductions foregone, interim exceedances of the PM_{2.5} and PM₁₀ ambient air quality standards, and interim health risk impacts. However, upon full implementation, PAR 1135 would be expected to reduce NO_x emissions by 65.3 tpy by January 1, 2038. No other significant adverse impacts were identified. Facilities subject to the proposed project may be identified on lists compiled by the California Department of Toxic Substances Control per Government Code Section 65962.5. However, implementation of PAR 1135 is not expected to alter the status of the facilities and other locations on the lists.

Attachment 2: Areas of Controversy

Table 1

Areas of Controversy

	Area of Controversy	Topics Raised by the Public, Agencies, and/or Stakeholders	South Coast AQMD Evaluation
1.	BARCT/BACT/LAER for Tier 4 Final diesel engines	Until a new analysis concludes otherwise, Tier 4 Final diesel engines remain BARCT, BACT, and LAER.	The rule development process determines BARCT, not BACT/LAER. The BARCT assessment in the Preliminary Draft Staff Report acknowledges the challenges and limitations of acquiring additional land but is not limited to the Pebbly Beach Generating Station (PBGS) footprint, and therefore incorporates, but is not limited to, the Tier 4 Final diesel engines. Further, BACT/LAER is determined by class and category of equipment and fuel availability on the island. The South Coast AQMD Engineering & Permitting Division will determine if Tier 4 Final diesel engines are BACT/LAER through the permit process.
2.	Delay prohibition on new diesel engines	Allowing Southern California Edison (SCE) to replace diesel engines with new Tier 4 Final diesel engines would reduce the facility's NOx emissions.	PAR 1135 contains a provision that intends to allow three new Tier 4 Final diesel internal combustion engines to be installed provided that a maximum cumulative rating of 5.5 MW is not exceeded. However, the required NOx reductions sought by PAR 1135, as well as the need to reduce DPM emissions, a toxic, will not be fully achieved solely with new Tier 4 Final diesel engines.
3.	Adjust implementation schedule	Timeline to start construction and operate new Tier 4 Final diesel engines needs to be adjusted to take into account permitting complexity, global supply chain issues, and facility construction constraints.	Staff extended the deadline to replace diesel internal combustion engines by four years from January 1, 2024 to January 1, 2028.

Table 1 (concluded)

Areas of Controversy

Area of Controversy	Topics Raised by the Public, Agencies, and/or Stakeholders	South Coast AQMD Evaluation
4.	Adjust mass emission limit	<p>NOx emission limit of 13 tpy is based on an unrealistic assumption that fossil fueled equipment can be completely replaced with ZE or NZE technology. SCE remains opposed to a facility mass emission limit because it disallows future load growth.</p>
5.	Prohibition on new diesel engines	<p>Prohibition deadline to install new diesel engines should not be revised.</p>