QI - COMMUNITY STEERING MEETING

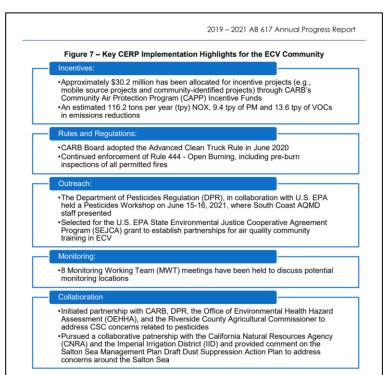
EASTERN COACHELLA VALLEY (ECV) CSC MEETING #23 JANUARY 27, 2022



ECV CSC RESOURCES

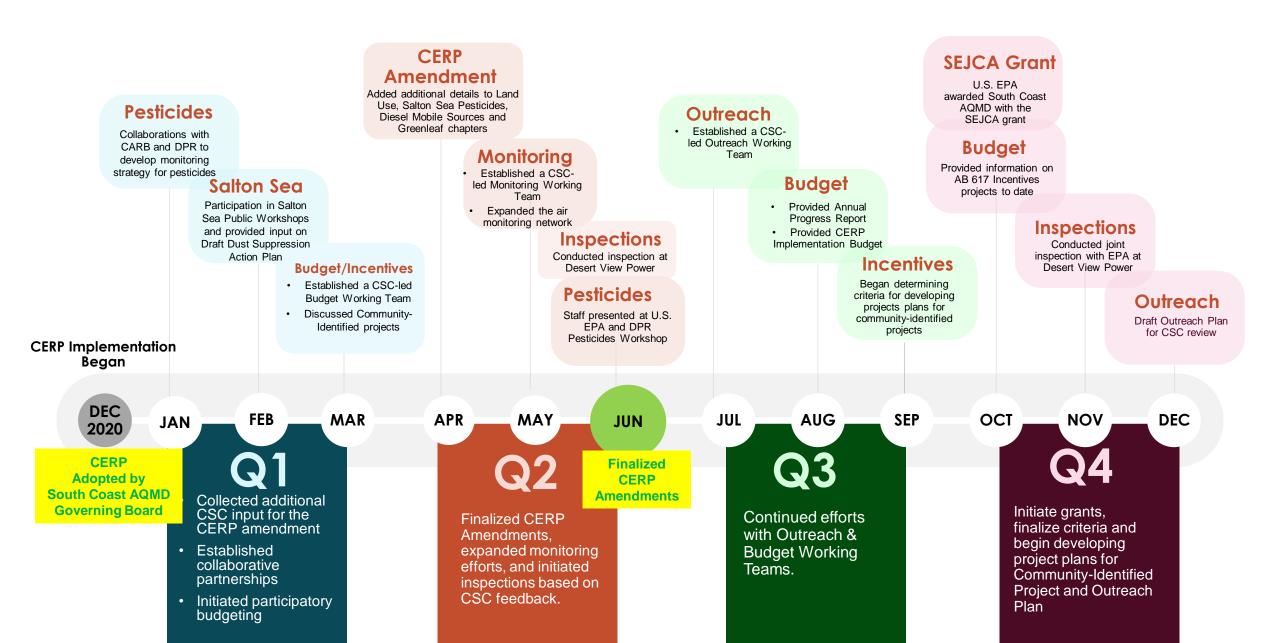
www.aqmd.gov/AB617/ECV







ECV – 2021 CERP Highlights



ECV – 2021 CAMP Highlights

Year-to-Date CAMP Actions Status

Established community-led Monitoring Working Team

Added H₂S monitor at Indio site

9 MWT meetings held as of December 2021

Added PM_{2.5} monitor at Mecca site Began AQY sensor deployment

6 sensors deployed as of December 2021 Added total carbon and black carbon monitors at Mecca site

Added multiple samplers at Mecca site for baseline measurements

Sample collection begins in January 2022 for one year

CAMP Implementation began

> DEC 2020

CAMP finalized and shared with the CSC

Q1

Established an interagency collaboration with CARB, DPR and OEHHA to develop monitoring strategy for pesticides

Q2

Began the collaboration with UCR scientists

Q3

Expanded the Mecca site in preparation to deploy additional air monitors

Q4

Currently gathering
CSC input on the
proposed
monitoring strategy
for pesticides



¡GRACIAS! THANK YOU!

Para más información, preguntas o sugerencias después de esta reunión:

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Envienos un correo electrónico a:

Email us at:

ab617@aqmd.gov

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CAMP

Payam Pakbin, (909) 396-2122 Julia Montoya-Aguilera (909) 396-2864

Compliance

Pavan Rami, (909) 396-2361





AB 617 Community Steering Committee Meeting

Desert View Power, Inc.

January 27, 2022

Laura Yannayon
Acting Manger, Permits Office
Air and Radiation Division
EPA Region 9, San Francisco



Agenda

- Facility Background
- Overview of EPA Authority
- Monitoring and Enforcement Agreement
- Federal Permit Conditions
- Federal Enforcement and Compliance



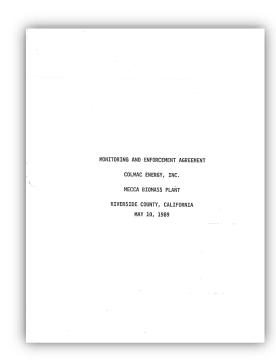
Facility Background and Location





- DVP is located on the Cabazon Reservation
- EPA has authority on all tribal lands held in trust

Overview of EPA Authority at DVP





Federal

US Environmental Protection Agency (EPA)

- Sole Permitting Authority
- Federal Enforcement Authority
- Collects emissions fees

State

California Air Resources Board (CARB)

- Direct control over mobile sources outside DVP fence line
- No state authority at DVP

Local

South Coast Air Quality
Management District
(SCAQMD)

- Granted limited enforcement authority
- Collects emission fees
- DVP agrees to comply with all applicable SCAQMD Rules and Regulations

Federal Permits Issued to DVP

Prevention of Significant Deterioration Permit Pursuant to 40 CFR 52.21 and Minor New Source Review Permit in Indian Country Pursuant to 40 CFR 49.151 through 161 PSD Permit: NSR-4-411 and SE 87-01 Desert View Power, LLC 62-300 Gene Welmas Drive Mecca, CA 92254 Desert View Power Facility Source Location: 62-300 Gene Welmas Drive Mecca, CA 92254 Pursuant to the provisions of the Clean Air Act (CAA) in Subchapter I, part C, and section 110(a), and the Code of Federal Regulations (CFR) Title 40, Sections 52.21 and 49.151-161, the United States Environmental Protection Agency Region 9 (EPA) is issuing a Prevention of Significant Deterioration (PSD) permit and a Minor New Source Review (NSR) permit in Indian Country to Desert View Power, LLC (DVP or Permittee). This permit applies to the construction and operation of a 47 megawatt (MW) biomass boiler and a hydrated lime delivery system. DVP is authorized to construct and operate the DVP facility as described herein, in accordance with the permit application (and plans submitted with the permit application), the federal PSD regulations at 40 CFR 52.21, the Minor NSR in Indian Country regulations at 40 CFR 49.151-161, and other terms and conditions set forth in this permit. Failure to comply with any condition or term set forth in this permit may result in enforcement action pursuant to section 113 of the CAA. This permit does not relieve DVP from the responsibility to comply with any other applicable provisions of the CAA (including applicable implementing regulations in 40 CFR parts 51, 52, 60, 61, 63, and 72 through 75), or other federal, tribal, and local requirements. Per 40 CFR 124.15(b) and 40 CFR 49.159(a) this permit becomes effective 30 days after service of notice of this final permit decision unless review is requested on the permit pursuant to 40 CFR 124.19 or 40 CFR 49.159(d). Elizabeth I Adams Director, Air and Radiation Division

PSD and Minor NSR Permit (40 CFR 52.21 and 40 CFR 49.151 through 161). Last issued 9/30/2020.

TITLE V PERMIT TO OPERATE Permit No. CB-ROP 05-01 In accordance with the provisions of Title V of the Clean Air Act and 40 C.F.R. Part 71 and applicable rules and regulations. is authorized to operate air emission units listed herein and to conduct other air pollutant emitting activities in accordance with the permit conditions listed in this permit. Terms and conditions not otherwise defined in this permit have the meaning assigned to them in the referenced regulations. All terms and conditions of the permit are enforceable by EPA and citizens under the Clean Air Act. If all proposed control measures and/or equipment are not installed and properly operated and maintained, this will be considered a violation of the permit. This permit is valid for a period of five (5) years and shall expire after 11:59:59 p.m. on the date five years after the date of issuance unless a timely and complete renewal application has been submitted at least 6 months but not more than 18 months prior to the date of expiration. The permit number cited above should be referenced in future correspondence regarding this facility ADAMS Digitally signed by ELIZABETH ADAMS Date: 2020.00.30 10:37:43-0700* Elizabeth J. Adams Director, Air and Radiation Division EPA Region IX

Title V Permit (40 CFR Part 71), Issued for a 5-year period and must be renewed by operator. Last renewed 9/30/2020

Key Permit Terms

- Pollutants Emitted: Particulate Matter (PM), Nitrogen Oxides (NO_x), Carbon Monoxide (CO), Sulfur Dioxide (SO₂), Hydrocarbons (HC), Hazardous Air Pollutants (HAPs), Opacity (measure of visible emissions)
- Control Equipment: Circulating Fluidized Bed Combustor (inherent in boiler design), Thermal deNox (inherent in boiler design), Dry Sorbent Injection (DSI, injects both limestone for control of SO₂ and hydrated lime for control of Hydrogen Chloride, a HAP), Fabric Filters (Baghouse)
- Monitoring Equipment: Continuous Emissions Monitoring System (CEMS), Continuous Opacity Monitoring System

Permit Conditions







Emission Limits

- ✓ Limits on visible emissions
- Limits on emissions of PM, NOx, SO₂,
 CO, HC, HAPs

Monitoring

- ✓ Continuous monitoring for emissions of NOx, SO₂ and CO
- ✓ Continuous monitoring for visible emissions

Emissions Testing, Recordkeeping, Reporting

- ✓ Periodic testing
- ✓ Recordkeeping and Reporting

Permitted Emissions, Equipment, Controls and Monitoring

PM Emissions

Controls: Wind Screens

PM Emissions

Controls: Enclosures, Baghouses PM Emissions

Controls: Partial Covers, Water Sprays

PM, NOx, CO, HAP Emissions

Controls: Drift Control, Workplace

PM Emissions

Controls:
Baghouses,
Partially
enclosed
building

PM, NOx, SO₂, CO, HC, HAP Emissions

Controls:

Fluidized Bed Combustor, Thermal deNOx, Bag Houses, Hydrated lime/DSI system



Monitoring: Reporting



Monitoring: COMS, Reporting



Monitoring: Reporting



Practices

Monitoring: Reporting



Monitoring: COMS, Reporting



Storage: Lime, Hydrated Lime, Fly Ash, Petroleum Coke



Monitoring: CEMS, COMS, Reporting





Boilers 1 and 2, Siemens Steam Turbine Generator



Biomass Fuel Yard



Fuel Stacker, Fuel Hog/Cyclone



Wood Chips Conveyor System



Auxiliary Equipment: Cooling Towers, Emergency Engine, Fire Pump



Public Participation and Information

To find information on DVP, go here:

To find information on EPA Region 9 permitting actions, go here:

To get on the EPA Region 9 mailing lists, go here:

To view and obtain information on state (SCAQMD) permit submittals to EPA Region 9, go here:



https://www.regulations.gov/search?filter=EPA-R09-OAR-2020-0266

https://www.epa.gov/caa-permitting/caa-permitting-epaspacific-southwest-region-9

https://www.epa.gov/caa-permitting/forms/publicnotice-distribution-list-caa-permits-pacific-southwestregion-9

https://www.epa.gov/caa-permitting/epapacific-southwest-region-9-electronic-permitsystem



For More Information Contact:

La Weeda Ward
Region 9 Air and Radiation Division
Southern California Field Office

Phone: (213) 244-1812

Email: Ward.Laweeda@epa.gov





Roshni Brahmbhatt

Air Enforcement Office

Enforcement and Compliance Assurance Division United States Environmental Protection Agency Region 9, San Francisco

AB617
Eastern Coachella Valley
Community Steering Committee
Remote Meeting

What does the EPA's Region 9
Enforcement and Compliance Assurance Division do?

- Target facilities with water, air, and chemical hazards
- Inspect facilities to evaluate compliance with Federal regulations
- Resolve compliance problems
- Fine violators to deter future non-compliance

What compliance or enforcement activities have occurred at this facility?

- EPA Region 9 sent a Request for Information letter in April 2021
- EPA Region 9 conducted an inspection in November 2021



Who can I contact if I have questions regarding the facility's compliance?

If you have any questions regarding this facility's compliance, please contact:

Roshni Brahmbhatt

Manager of Air Enforcement Section
Enforcement and Compliance Assurance Division, Region 9
U.S. Environmental Protection Agency Phone: (415) 972-3995
Brahmbhatt.Roshni@epa.gov

Review enforcement and compliance history online at https://echo.epa.gov



Detailed Facility Report

Facility Summary

DESERT VIEW POWER LLC 62-300 GENE WELMAS, MECCA, CA 92254

Questions

ECV CSC SCHEDULE

Q1	Q2	Q3	Q4
January 27	April 28	June 23	October 27 27 de octubre
27 de enero	28 de abril	23 de junio	

AB 617 TRUCK INCENTIVES WORKSHOP SERIES

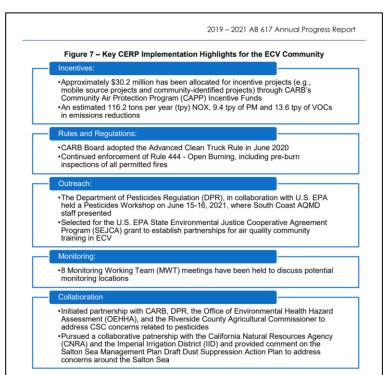
Wednesday, March 30th Workshop 3 of 3

Finalize draft for ARB review/approval

ECV CSC RESOURCES

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