

Office of Transportation and Air Quality & the DERA Program's Tribal Opportunities

Pre-Open 2013 RFP Information Session

*For audio please dial in via
telephone:*

Call-in Number: 1.866.299.3188

Call-in Code: 202.343.9534

Office of Transportation and Air Quality & the DERA Program's Tribal Opportunities

Pre-Open 2013 RFP Information Session



National Clean Diesel Campaign

Working Together for Cleaner Air

Rosalva Tapia
April 9, 11 and 16, 2013



Disclaimers

- Until the FY 2013 RFP is finalized, the information and the details in it are subject to change. The information that I will share in this session is the best of my knowledge.
- I will refer to FY 2012 as a reference for examples.
- Once the upcoming RFP is open, all questions must be processed via the DERA email: cleandiesel@epa.gov.



Presentation Overview

- DERA Overview
 - DERA Program Development
 - Tribal Competition History
 - Tribal Grant Success
- Grant Tips
- Questions and Answers



National Clean Diesel Campaign is Designed to Address the Legacy Fleet

- Focus on Key Sectors:
 - School buses, Marine Vessels, Ports, Construction, Agriculture, Freight, Mining, Utility Vehicles
- Promoting retrofitting, early replacement, and idle reduction
- Program activities:
 - Technology verification
 - Technical and policy analysis
 - Coalitions and outreach
 - Innovative funding for projects
 - Federal grants, loans and tax incentives



Diesel Emissions Reduction Act (DERA)

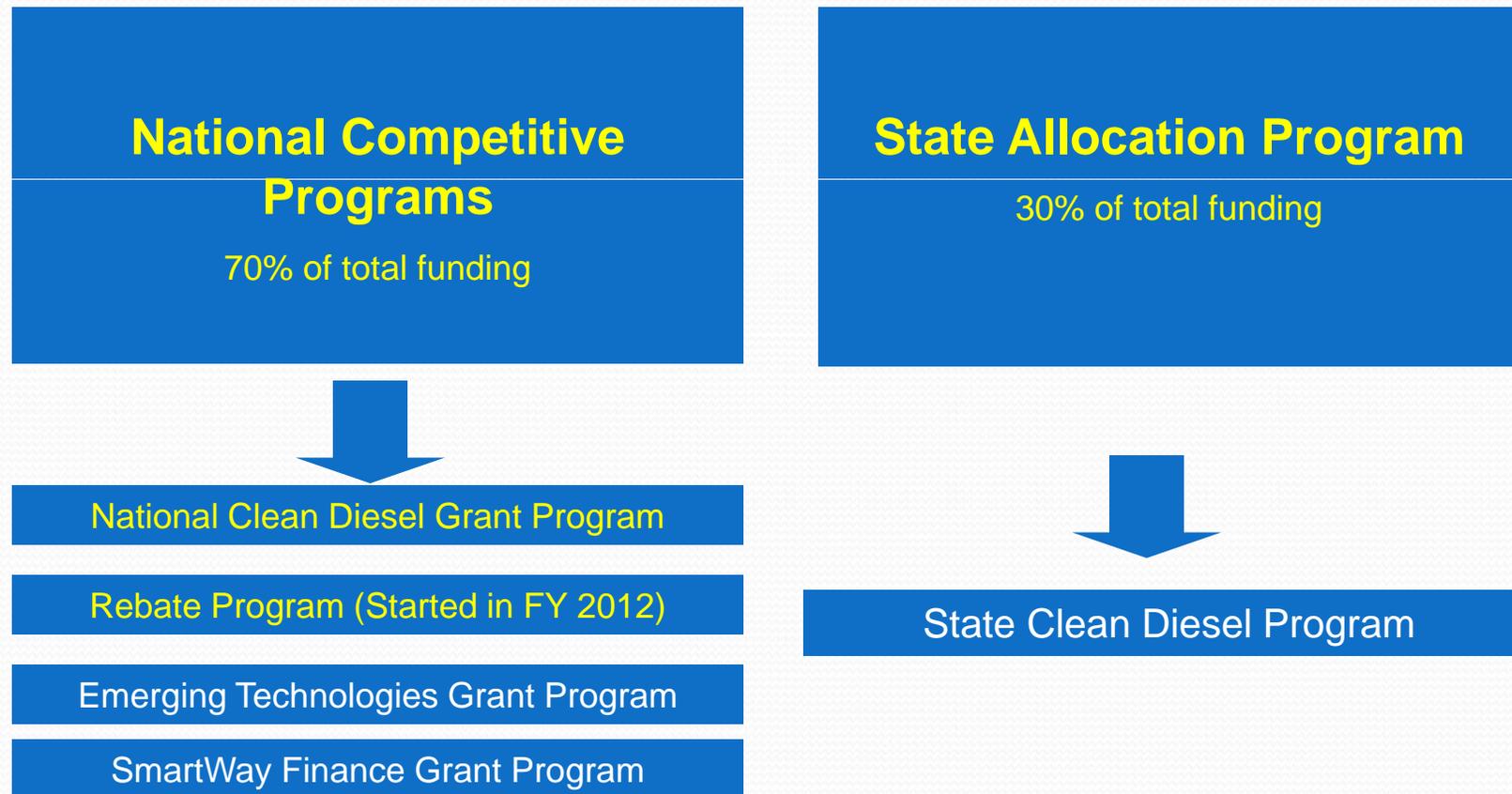
- Authorized in the Energy Policy Act of 2005
- Enables EPA to offer funding assistance
 - Goal to reduce diesel emissions
 - Competitive process for eligible entities
 - Authorized through 2011; Congress can provide annual appropriations for DERA
 - Reauthorized at \$100 million through 2016 with some changes
- Request for Proposals (RFP) = Competition



Major Changes in 2012 RFP

- On January 4, 2011, President Obama signed legislation (H.R. 5809) reauthorizing grants to state, local, and tribal governments for programs to reduce emissions from existing diesel engines.
- The bill, passed by the Senate Dec. 16 and the House Dec. 21, authorizes up to \$100 million each year for the DERA program for fiscal years 2012 through 2016 and provides new opportunities which are being evaluated.

DERA Funding Structure



DERA Funding History

Fiscal Year	Rounded Amount
FY 2008	\$49M
ARRA	\$300M
FY 2009/2010	\$120M
FY 2011	\$50M
FY 2012	\$30M
FY 2013	Less than \$19.9M



Overall Funding Focus

- The DERA program is aiming to:
 - Increase emission reductions and impacts on human health of those emissions reductions;
 - Increase cost effectiveness of projects;
 - Focus on the legacy vehicles that emit most pollution in disproportionately impacted areas.



Tribal Competition History



Tribal Competition Introduction

- FY08 and ARRA (early FY 09)
 - Blended tribal and non-tribal competition
 - Few applicants; zero tribal awarded grants
- Promote tribal participation in the DERA program
 - Tribal communication right before the FY 09/10 RFP
 - Min. request of \$30K
 - Tribal applications will be reviewed separately from non-tribal applications



Tribal Eligibility

- Tribal or tribal coalitions with *jurisdiction over transportation or air quality*; and
- Nonprofit organization or institution which
 - Represents or provides pollution reduction or educational services to persons or organizations that operate diesel fleets; or
 - Has, as its principle purpose, the promotion of transportation or air quality
- Ineligible entity can partner with eligible entity



How Are Tribal Proposals Evaluated?

- Step 1: Threshold Criteria Review
 - Must meet ALL threshold criteria to move on to Step 2
- Step 2: Evaluation Criteria
 - Tribes are not evaluated on Regional Significance or Location Significance
 - Please review FY 2012 RFP however note that there may be criteria/point changes in the FY 2013 RFP.
- Criteria focuses on emission reduction effectiveness



Tribal Competition Past Success



Tribal Competition Fiscal Year 09/10 Results

- Total Tribal Applications: 8
 - Representing Regions 5,7,9 and 10
 - Application requests totaled over \$3.1 Million
- EPA Awarded
 - 4 Tribal DERA grants
 - Awarded \$652,404
 - Tribal projects include school buses, refuse haulers, transport buses, various types of utility vehicles

FY 2009-2010 Tribal Awarded Projects

Region (State)	Recipient	Description	Award
5 (MN)	Leech Lake Band of Ojibwa	Repower four refuse haulers	\$134,404
7 (IA)	Sac and Fox Tribe of the Mississippi in Iowa	Replace four school buses	\$190,000
9 (CA)	Soboba Band of Luiseno Indians	Retrofit six school buses	\$78,000
9 (CA)	Morongo Band of Mission Indians	Retrofit seven vehicles with diesel particulate filters (DPF)s and replace two school buses with compressed natural gas (CNG) powered buses	\$250,000

Soboba Band of Luiseno Indians





Tribal Competition Fiscal Year 2011 Results

- Total Tribal Applications: 7
 - Representing Regions 2, 7,9, and 10
 - Application requests totaled over \$2.5 Million
- EPA Awarded
 - 4 Tribal DERA grants
 - Awarded over \$1.5M
 - Tribal projects include repowering marine fishing vessels and generator and retrofit mining equipment

FY 2011 Tribal Awarded Projects

Region (State)	Recipient	Description	Award
9 (AZ)	Salt River Pima Maricopa Indian Community	Retrofit mining equipment	\$150,000
10 (WA)	Makah Tribe	Repower fishing vessels	\$750,000
10 (WA)	Tulalip Tribe	Repower fishing vessels	\$576,525
10(AK)	Tanana Chiefs Conference	Repower generator in Fort Yukon	\$59,000

Salt River Pima Maricopa Indian Community





Tribal Competition Fiscal Year 2012 Results

- Total Tribal Applications: 2
 - Representing Regions 9 and 10
 - Application requests totaled over \$626K
- EPA Awarded
 - 1 Tribal DERA grant
 - Awarded over \$346K
 - Tribal projects include repowering marine fishing vessels and generator and retrofit mining equipment

FY 2012 Tribal Awarded Projects

Region (State)	Recipient	Description	Award
10 (WA)	Tulalip Tribe	Repower fishing vessels	\$346,620





General DERA Eligible Vehicles and Match Funding*

*FY 2012 RFP



Eligible Vehicles, Engines & Equipment

- Projects may include, but are not limited to
 - Buses;
 - Medium-duty or heavy-duty trucks;
 - Marine Engines;
 - Locomotives; and
 - Non-road engines, equipment or vehicles used in:
 - Construction; Handling of cargo (including at a port or airport); Agriculture; Mining; or Energy production (including stationary generators and pumps)



Eligible Projects for DERA Funding

- Verified Exhaust Control Technologies
- Engine Upgrades
- Verified/Certified Cleaner Fuel Use
- Verified Ideal Reduction Technologies (bundled)
- Locomotive Idle Reduction Technologies
- Shore Connection Systems and Truck Stop Electrification Technologies
- Verified Aerodynamic Technologies and Low Rolling Resistance Tires
- Certified Engine Repowers
- Certified Vehicle/Equipment Replacements



FY 2012 DERA Funded Portion of Project

- Verified Exhaust Control Technologies
 - Up to 100% of the cost
- Engine Upgrades
 - Up to 50% of the cost
- Shore Connection Systems and Truck Stop Electrification Technologies
 - Up to 25% of the cost
- Certified Engine Repowers
 - Up to 50% of the cost (labor and equipment)
- Certified Vehicle/Equipment Replacements
 - Up to 25% unless it's an eligible Drayage truck, then up to 50% of the cost



General DERA Grant Tips



FY 2013 Applications – Where to Start

1. Sign up for our listserv – this way you can know when the RFP is open.
2. However, you can start preparing your application now.
 1. Identify your fleet.
 - What kind of vehicles do you have? Are you looking to retrofit, repower, replace? What size and age are your engines – off-road?
 - We have reporting sheets on line that are you can use. You are not required but using these you will know that is the information we are looking to gather.

FY 2013 Applications – Where to Start

2. Run the DEQ on your vehicles. This will help you see the emissions reductions you may see.
3. Compare the costs. What is best for you? What is the most logical approach for your project? What is most cost effective option for your proposal
4. This information will help you figure out two of the three main components of your application
 - 1. Your cost effectiveness
 - 2. Your output and outcomes

FY 2013 Applications – Where to Start

- 3. How does your application address the national priorities listed in the Energy Policy Act of 2005
- Addition information to start to gather
 - A. Description of the impact of air pollution in your community
 - Is your community disproportionately impacted by air pollution? Are there highway, rail yards, ports, mines, etc. polluting your community air?
 - B. You will need to describe your past performance on similar grants in scope or with the federal government
 - C. Staff – who will be running your grant? What is their experience, etc.

Supporting Documents

- <http://www.epa.gov/cleandiesel/dera-national-archive.htm>

2012 DERA

- [Request for Proposals \(RFP\) \(PDF\)](#) (55 pp, 455K, Updated May 16, 2012)
- [Explanation of Changes to RFP \(PDF\)](#) (4 pp, 25K, May 2012)
- [Project Narrative Sample Format \(Word\)](#) (8 pp; 130K; updated May 29, 2012) [MS Word reader for document files](#) [EXIT Disclaimer](#)
- [Applicant Fleet Description Sample Format \(Excel\)](#) (430K, April 2012) [MS Excel reader](#) [EXIT Disclaimer](#)
- [Priority County and Area List \(PDF\)](#) (9 pp, 150K, June 7, 2012)
- [Marine Engine Eligibility for DERA Funds \(PDF\)](#) (8 pp, 130K, April 2012)
- [Model Years for Eligible Nonroad Engines and Equipment \(PDF\)](#) (5 pp, 430K, April 2012)
- [FY 2012 Request for Proposals Information Session Presentation \(PDF\)](#) (37 pp, 300K, April 2012) contains information from the three webinars that EPA held in April.
- [Frequently Asked Questions \(FAQ – Final\) \(PDF\)](#) (51 pp; 800K; May30, 2012; [About PDF](#))

Model Years for Eligible Nonroad Engines and Equipment

For the purposes of the FY12 DERA RFP, EPA determined remaining useful life (defined as the length of time from the current year to the point at which the engine or equipment should be retired according to EPA's NONROAD Model) for the following types of nonroad engines and equipment. The following tables display the eligible model years for each type of nonroad engine and equipment for three ranges of horsepower. The model years represented by the cells shaded in green have seven or more years of useful life remaining, as defined by this program, and are eligible for the FY12 DERA RFP. The model years represented by the cells shaded in grey are not eligible.

Equipment	Nonroad Engine Model Years														
	1972-1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
2-Wheel Tractors															
Agricultural Tractors															
Aerial Lifts															
Agricultural Mowers															
Agricultural Tractors															
Airport Support Equipment															
Balers															
Bore/Drill Rigs															
Compact & Motor Tractors															
Compactors															
Construction Industrial Saws															
Cranes															
Crawler Tractors															
Crushing/Proc. Equipment															
Dumpers/Tractors															
Excavators															
Front-End Loaders															
Graders															
Hydro Power Units															
Irrigation Saws															
Light Commercial Air Compressors															
Light Commercial Gas Compressors															
Light Commercial Generator Sets															
Light Commercial Pressure Washer															
Light Commercial Pumps															
Light Commercial Welders															
Loading Equip. Fall, Round, Skid Steer															
Loading Equipment Chain Saw > 6															
Loading Equipment Skid Steer > 6															
Off-Highway Tractors															
Off-Highway Tractors															
Other Agricultural Equipment															
Other Construction Equipment															
Other General Industrial Equipment															
Other Material Handling Equipment															
Other Underground Mining Equipment															
Pavers															
Paving Equipment															
Pit and Compactors															
Rollers															
Rough Terrain Forklifts															
Rubber Tire Dozers															
Rubber Tire Loaders															
Scrapers															
Skid Steer Loaders															
Skid Steer Loaders															
Sprayers															
Stitching Equipment															
Stitchers															
Swappers/Scrubbers															
Tampers/Compactors															
Terminal Tractors															
Tractors & P															
Tractors, Loader & Bulldozers															
Tractors															



Information to Prepare for Next FY Funding

- Main DERA National Program Page:
www.epa.gov/cleandiesel/prgnational.htm
- DERA Tribal Competition Contact:
Rosalva Tapia
Telephone: 202.343.9534
Email: Tapia.rosalva@epa.gov
- DERA Hotline: 1.877.NCDC.FACTS (1.877.623.2322)
- Submit questions via email to cleandiesel@epa.gov
- Diesel Emissions Quantifier (DEQ)
 - Can be used to show expected project results, cost-effectiveness, and public health benefits
 - <http://www.epa.gov/otaq/diesel/resources.htm>

Information

- Please review all the information on our website:
 - www.epa.gov/cleandiesel
 - National Program tab
 - Documents that will provide great information are:
 - FY 2012 RFP
 - 2009 through 2012 FAQs
 - Listserv signup



Additional Pre-Open Tribal Focused Information Sessions

- **Session 2: DERA Tribal Competition Pre-Open 2013 RFP Webinar/Teleconference**

Date: Thursday, April 11, 2013

Time: 2:00 PM (EST)

Call in Number: 1.866.299.3188

Call in Code: 202.343.9534

Adobe Connect link: <https://epa.connectsolutions.com/r105nxxcyj3/>

- **Session 3: DERA Tribal Competition Pre-Open 2013 RFP Webinar/Teleconference**

Date: Tuesday, April 16, 2013

Time: 2:00 PM (EST)

Call in Number: 1.866.299.3188

Call in Code: 202.343.9534

Adobe Connect link: <https://epa.connectsolutions.com/r3hhf8whshu/>



Thank You

- Questions???