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

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)


- 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

**National Competitive Programs**
- 70% of total funding
  - National Clean Diesel Grant Program
  - Rebate Program (Started in FY 2012)
  - Emerging Technologies Grant Program
  - SmartWay Finance Grant Program

**State Allocation Program**
- 30% of total funding
  - State Clean Diesel Program
# DERA Funding History

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Rounded Amount</th>
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<tbody>
<tr>
<td>FY 2008</td>
<td>$49M</td>
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<tr>
<td>ARRA</td>
<td>$300M</td>
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<tr>
<td>FY 2009/2010</td>
<td>$120M</td>
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<tr>
<td>FY 2011</td>
<td>$50M</td>
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<tr>
<td>FY 2012</td>
<td>$30M</td>
</tr>
<tr>
<td>FY 2013</td>
<td>Less than $19.9M</td>
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</table>
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

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

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

<table>
<thead>
<tr>
<th>Region (State)</th>
<th>Recipient</th>
<th>Description</th>
<th>Award</th>
</tr>
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<tbody>
<tr>
<td>10 (WA)</td>
<td>Tulalip Tribe</td>
<td>Repower fishing vessels</td>
<td>$346,620</td>
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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 the 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](http://www.epa.gov/cleandiesel/dera-national-archive.htm)

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<tr>
<th>2012 DERA</th>
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<tr>
<td>- Request for Proposals (RFP) (PDF) (55 pp, 455K, Updated May 16, 2012)</td>
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<td>- Explanation of Changes to RFP (PDF) (4 pp, 25K, May 2012)</td>
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<td>- Project Narrative Sample Format (Word) (8 pp; 130K; updated May 29, 2012) MS Word reader for document files</td>
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<tr>
<td>- Applicant Fleet Description Sample Format (Excel) (430K, April 2012) MS Excel reader</td>
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<tr>
<td>- Priority County and Area List (PDF) (9 pp, 150K, June 7, 2012)</td>
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<tr>
<td>- Marine Engine Eligibility for DERA Funds (PDF) (8 pp, 130K, April 2012)</td>
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<tr>
<td>- Model Years for Eligible Nonroad Engines and Equipment (PDF) (5 pp, 430K, April 2012)</td>
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<tr>
<td>- 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.</td>
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<tr>
<td>- Frequently Asked Questions (FAQ – Final) (PDF) (51 pp; 800K; May30, 2012; About PDF)</td>
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Model Years for Eligible Nonroad Engines and Equipment

For the purposes of the FY12 DEQA SIP, EPA determined nonattainment useful life (defined as the length of time from the current year to the point at which the engine or equipment should be removed) 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 the range 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 DEQA SIP. The model years represented by the cells shaded in gray are not eligible.

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Information to Prepare for Next FY Funding

- Main DERA National Program Page: [www.epa.gov/cleandiesel/prgnational.htm](http://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](http://www.epa.gov/otaq/diesel/resources.htm)
Information

- Please review all the information on our website:
  - [www.epa.gov/cleandiesel](http://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/r105nxxcjy3/](https://epa.connectsolutions.com/r105nxxcjy3/)

- **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/](https://epa.connectsolutions.com/r3hhf8whshu/)
Thank You

- Questions???