



Grants for diesel fleets in Kansas

# Kansas Clean Diesel Program

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# Brief History of DERA

- Problem: Older, high-polluting diesel engines being used
- Diesel Emissions Reduction Act (DERA) created
- Congress authorized funding for EPA to give to the states for Clean Diesel Programs

# Kansas Clean Diesel Program

- KDHE began the KS Clean Diesel Program in 2008
- KDHE receives money from EPA then gives grants to public and private diesel fleets in Kansas to improve emission levels
- Fleets must be owned and located in Kansas



# Kansas Clean Diesel Program

- Only verified technologies are eligible
  - California Air Resources Board (CARB)
  - US Environmental Protection Agency (EPA)
- Exhaust controls (diesel oxidation catalyst)
- Engine upgrades from low tier to a higher tier of emission controls

# KS Clean Diesel Program

- Aerodynamic technologies (skirting and low rolling resistant tires) received past funding, but probably not part of future grants
- Engine replacement
- Funding levels from 25% for vehicle replacement to 100% for some technologies
- **Grants are competitive**

# Scoring of Applications

- Projects are evaluated and winners selected based on
  - Emission reductions
  - Cost effectiveness of the reductions
  - Project location in area of poor quality air



# Scoring of Applications

- Evaluation continued
  - Applicant able to contribute to cost share
  - Applicant is already taking steps to reduce emissions and save fuel for their fleet

# Recently Funded Technology

- Engine repower – grant paid up to 75% of cost for parts and labor
- Decrease idling time – grant paid up to 100% of cost
  - Auxiliary power units (APU)
  - Fuel fired heaters (FFH)
- Reduce particle emissions - grant paid up to 100% of cost
  - Diesel Oxidation Catalyst (DOC and filters)



# Some Recently Funded Fleets

- School buses
- Construction equipment
- On-road trucks
- Municipalities

# Future Funding for Grants

- Some technologies will be funded at different levels from previous grant rounds
- Ability of applicant to provide matching funds will increase chances of winning

# KDHE Has Two Types of Funding Projects

- State Grant Funds – EPA gives money to KDHE then KDHE awards that money for selected projects
- Competitive/National Grant Funds – KDHE seeks partnerships with public and private diesel fleet operators
  - We write the grant to submit to EPA
  - You get the improvements
  - Together we make Kansas a healthier place to live

# Funding for Future Grants

- DERA State Grant 2010-2011
  - About \$250,000 to be awarded
  - Request for Proposals (RFP) to be announced in a few weeks
- DERA State Grant 2011-2012 to be announced later this year (waiting for EPA funding)
- DERA National/Competitive Grant probably announced later this year (depends on EPA funding)

# Notification of RFP Release

- News release
- KD Motor Carriers Association
- KS Contractors Association
- Previous KDHE notification list



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# Websites

- KDHE Diesel Emissions Reduction
- Easy way: Search “KDHE Clean Diesel”
- <http://www.kdheks.gov/bar/air-monitor/dieselgrant.html>
  
- EPA National Clean Diesel Campaign
- Easy way: Search “EPA Clean Diesel”
- <http://www.epa.gov/diesel/>

# Interested? Please let KDHE Know

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