

Rule 1193 Users Group Meeting

Status Report

RFP to Demonstrate Advanced
Diesel Emission Control System in
Low-Sulfur Diesel-Fueled Heavy-
Duty Refuse Engines

Background

- On June 6, 2003, AQMD Board amended Rule 1193 and extended sunset date to July 1, 2004 for using dual-fueled engines as compliance option, and directed staff to:
 - Conduct a survey to determine technologies OEM are pursuing to meet the federal 2007/2010 NO_x & PM emissions standards
 - Issue an RFP to conduct a demonstration of these technologies

Timeline/Staff Recommendation

- RFP issued on September 2003
- 3 Proposals received:
 - Heavy EGR + NOx Adsorber + PM Trap
 - Heavy EGR + SCR + PM Trap
 - Heavy EGR + NOx Adsorber + PM Trap
- 2 Proposals recommended

Emission Target

Pollutant	Emission Target (g/bhp-hr)
NOx	0.2
PM	0.01
NMHC	0.14
CO	15.5

Staff Proposed Funding

AQMD	1,000,000
DOE	700,000
CARB	100,000
NOx + Trap	3,000,000
SCR + Trap	400,000
Total	5,200,000

Calendar/Schedule

- Tech. Committee Meeting July 30, 2004
- Board Date August 6, 2004
- Contract Start Date October 2004
- Final Report: August 31, 2006