

## **Project Abstract**

A diesel fuel treatment manufactured by Power Research Inc., will be tested under EPA federal test procedures in low sulfur diesel to qualify as an alternative fuel for cost effective reductions of NOx, PM and CO in the state of Texas. Based on present stationary engine test data, the **PRI-D** thermal stability additive is providing NOx reductions averaging 8.7 percent and PM reductions averaging 13 percent. The low cost of the treatment provides a low cost per ton of NOx and PM that makes it an attractive alternative to costlier emissions reductions strategies. For example, the cost to reduce NOx per ton with **PRI-D** alternative fuel will vary between \$1,000 to \$3,800, depending on engine type and operational mode.

The **PRI-D** product has been in commercial application since 1992 and Power Research Inc. has already experienced long-term success marketing the treatment through a national network of fuel suppliers and public utility operators, among others. Upon qualification as a Texas alternative fuel, additional staff will be hired for the express marketing of the **PRI-D** alternative fuel to petroleum wholesalers throughout the State of Texas.