

ATTAINMENT SPOTLIGHT

Cost-Effective Attainment and Conformity in the Bay Area

Major Transit Agencies and Refuse Companies Are Retrofitting Their In-Use Diesel Vehicles to Achieve Dramatic Reductions in NOx and PM.

The regional transportation agency in the San Francisco Bay Area, the Metropolitan Transportation Commission (MTC) has provided funding to all transit districts in the nine Bay Area counties and to several major refuse collection companies to retrofit their in-use diesel buses and refuse trucks with an innovative, diesel particulate filter (DPF) that reduces both NOx and PM.

This DPF system, the Claire Longview® is sold, installed and serviced by a nationwide network of authorized dealers. In addition, the Longview has been verified by the California Air Resources Board (CARB) for a 25% NOx reduction and an 85% PM reduction. This CARB verification is also recognized by the US EPA.

AC Transit (Alameda County), County Connection (Contra Costa County), MUNI (San Francisco), VTA (Santa Clara County), Golden Gate Transit (Marin County), SamTrans (San Mateo County) and several other transit properties are retrofitting a total of 1,600 buses. As a result, there will be a verified NOx reduction of 360 tons per year. The MTC can use these reductions in their conformity determination. The bus retrofits will also provide the Bay Area with 35 tons per year of diesel PM reductions. "We evaluated all the different retrofit systems out there and concluded that the Claire Longview was the most reliable. The fact that it provides NOx re-

ductions along with PM reductions was an added bonus and allowed us to receive funding from the MTC," said Rick Fernandez, General Manager of AC Transit. Scott Mitchell, Director of Maintenance for County Connection adds, "The Longview is our choice because we are convinced that it offers the best over-all value for reliability, serviceability and durability."

NorCal Waste Systems, ACI, BFI and several other major refuse companies in the Bay Area received combined funding from the MTC and the Bay Area Air Quality Management District (BAAQMD) to retrofit 254 in-use diesel refuse collection trucks with the Longview. Bennie Anselmo, Vice President of NorCal Waste Systems, chose the Claire Longview because of its reliability and his confidence in the product support provided by his local Claire dealer, Cummins West, Inc. "We're confident that the Longview is the best choice for us and the funding from the Air District and the MTC makes it possible for NorCal to deliver 24 tons per year of surplus NOx emissions that can be used for regional attainment and conformity," said Mr. Anselmo.

The MTC has put over \$20 million into diesel retrofits using DPFs on transit buses and refuse trucks in the Bay Area. The partnership between the MTC and the Air District has led to significant benefits in regional air qual-



ity and community toxics exposure. The transit districts are very pleased with their retrofits and the MTC funding partnership with the Air District on refuse truck retrofits has been a win for both agencies, regional air quality and community toxics exposure.

The BAAQMD has also found diesel retrofits to be an excellent strategy for making progress toward air quality goals. "The Bay Area Air District is very pleased with our partnership with the MTC and with the retrofit projects that we have funded. Air quality improvement resulting from this project allows us all to breathe cleaner air." said Jack Broadbent, Executive Officer for the Bay Area Air Quality Management District. For more information about the diesel retrofit strategies mentioned in this article visit www.claire.com.