

Providence and Worcester gets dramatic fuel savings with NREC's N-ViroMotive

Mt. Vernon, IL, May 7, 2007 - In an operational test of an N-ViroMotive "GenSet locomotive" from National Railway Equipment Co. (NREC) Providence and Worcester RR Co. (P&W) experienced 64.5% fuel savings in normal switch operation as compared to their existing GP40-2 locomotive. The test was conducted last month when P&W crews used the GenSet locomotive, together with its own locomotives, in switchyard operations for six to seven hours per day over a period of nine days at the P&W in Worcester, Massachusetts. The railroad said estimated average fuel consumption for that period is 1350 gallons. The 2100 HP (3GS-21B) GenSet locomotive consumed only 479 gallons in those nine days of intermittent switching operations, based in part on the capability of the GenSet locomotive's engines to shut down automatically while sitting idle.

"This test demonstrates the advantages of NREC's GenSet design with microprocessor control of three modular engine-generator sets in reducing fuel consumption as well as emissions, while still providing superior tractive effort efficiency," said Jim Wurtz, NREC's vice president marketing and sales.

"These fuel-efficient N-ViroMotive road switcher locomotives have NOx and PM emission levels that are best in class worldwide for original equipment manufacturers of freight locomotives," Wurtz added.

NREC pointed out the advantages of its N-ViroMotive ultra low emissions locomotives:

- 80%+ reduction in nitrous oxide (NOx) and particulate matter (PM) emissions
- 50% to 65%+ improved in tractive effort adhesion efficiency
- 35% to 50% average fuel savings capability in switching and road switching duty
- State of the art micro-processor-based electronic controls and modularized mechanical platforms which decrease maintenance requirements by 50% or more
- Easily achieves the most stringent noise level regulations for off-road equipment

National Railway Equipment Co., headquartered in Mt. Vernon, IL, is a leading locomotive designer, developer and manufacturer of the industry's first Ultra Low Emitting GenSet Locomotives. NREC has locomotive, diesel engine and related parts manufacturing facilities in ten locations throughout the United States and Canada.