

Tacoma Rail tests show improved performance and dramatic emissions reduction from National Railway Equipment Co. locomotive

Tacoma, WA, September 18, 2007 — National Railway Equipment Co. (NREC) recently provided a demonstrator locomotive to Tacoma Rail to test its operational benefits over its older EMD four axle units. The NREC test locomotive is a two-engine 1400 HP GenSet (2GS-14B) 4-axle unit.

The operational test included normal yard operations over a two-week period. During that time, all Tacoma Rail management and maintenance staff operated or witnessed the unit in operation. Also present at the test were a City of Tacoma council member, representatives from the Washington Department of Ecology/Air quality, the Port of Tacoma's Environmental Department, and Puget Sound Clean Air Agency.

The demonstration provided the following results:

- For over 90% of the in-service time, only one of the two GenSets was needed
- Idle time was reduced by 80 %
- Estimated fuel consumption was reduced by 70 %
- Estimated emissions were significantly reduced by up to 85%.
- Due to tractive effort improvement, sand use was reduced by over 80%
- Due to improved tractive effort only a single unit was used vs. two units on certain operations
- Crew comfort improvements included dramatically reduced noise levels, a significant reduction in smoke emissions and better visibility due to the lower long hood and the inclusion of more rear cab windows
- On railroads where NREC Gen Sets are used, maintenance costs have been reduced by over 50%

NREC's vice president marketing and sales, James M. Wurtz said, "Indeed these results are dramatic. I do not recall a newly released locomotive model ever achieving similar comparative results. We certainly are proud of the performance of the N-ViroMotive GenSets."

National Railway Equipment Co., headquartered in Mt. Vernon, IL, the designer,

developer and manufacturer of the industry's first Ultra Low Emitting GenSet Locomotives. The world's largest independent locomotive rebuilder and remanufacturer, NREC is also a locomotive lessor. It has locomotive, diesel engine and parts facilities in fourteen locations throughout the United States and Canada.

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