

# GE Transportation

## Maximizing Performance, Jobs and Investment for U.S. High Speed and Intercity Passenger Rail

Next Generation Rail  
Supply Chain  
Connectivity  
Forum  
Feb 14, 2012



imagination at work

# GE Transportation at a Glance

## Locomotives



## Locomotive Services



## Global Signaling & Global Rail Operations



## Propulsion & Specialty



- ✓ Global HQ: Erie, PA (USA)
- ✓ Revenue (2008): \$5.0 billion

# US & International Customers/Locations



- ~17,000 locomotives in more than 50 countries
- ~300+ Locomotives in intercity passenger service
- 60+ locomotive service facilities

# GE Passenger History & Capabilities



**Metro North Locomotive**  
Dual mode application



**Genesis Locomotive**  
Launched in 1991



**Grove City, Engine Plant**  
Manufacturing Engines since 1971



**Erie PA Plant**  
Transportation home since 1907

## Long history of supplying passenger locomotives

- ✓ Over 300+ locomotives supplied to North American customers in last 15 years
- ✓ Only North American manufacturer with proven AC, DC and Dual Mode technology
- ✓ Primary customers: Amtrak, Metro North, Via Rail ...

## Fully integrated US manufacturer

- ✓ Over 4000+ employees with mfg facilities in Erie (Loco) & Grove city (Engine)
- ✓ Only current US passenger manufacturer with own engine technology
- ✓ Only US fully integrated builder... Design, develop & manufacture



# New HSP 46: Creating Jobs Now!

- GE's goal is to meet FRA and US DOT goal to maximize Buy American content and meet 100% Buy America component mandates.



- GE supports administrations goal to generate high paying manufacturing jobs today!!! By investing in technology
- Next Generation Locomotive being launched in end of 2012
- Approximately 1000 U.S. manufacturing jobs created/sustained



# GE-MPI Next Generation Locomotive

## Key Technology Improvements Over Current Fleet

- ✓ 8% better fuel economy
- ✓ 78% reduction in PM & 56% in NOx - Tier 3
- ✓ More reliable AC traction...increased mission completeness
- ✓ Designed with push pull capabilities
- ✓ Reliable single engine and integrated HEP system to minimize LCC and maximize performance
- ✓ 55% faster acceleration...reduced trip-time



# Looking for Key Suppliers

\$2.0B buy → 20 countries

Total of 2500+ suppliers



Value



Accountability



Growth



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