

Bus Procurement Status Update



**“MTA Leads the Nation in
Alternative Fueled, Advanced
Technology Vehicles”**

Bus Procurement Status Update

The New Vehicle Technology Challenge

- Enhanced Vehicle Styling & Passenger Appeal
- Improved Vehicle Performance & Reliability
- Ultra Low & Zero Emission Vehicles
- Leverage Capital dollars to reduce future operating dollars
- Lead the Nation in Advanced Transit Vehicle Technology



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Drivers

- Safety – passengers and employees
- Air Emissions – 2007 & 2010 regulatory compliance
- Vehicle Noise
- High passenger demand on many line segments
- Passenger acceptance
- Operating cost



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Projects Currently Underway

- Twenty 40 foot NABI CNG “Compo” buses
- One hundred new style 45 foot NABI CNG high capacity “Compo” buses
- Two hundred advanced design 60 foot NABI CNG articulated buses
- Up to five Hybrid Articulated buses
- Testing Fuel Cell vehicles & technologies
- Evaluating new vehicle technologies such as hydrogen fuel, flywheel energy storage, and all electric vehicles



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NABI 40 Foot CNG "Compo" Bus



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Why a “Compo-bus?”

A composite vehicle, designed and developed after MTA’s ATTB program, is lighter in weight (less fuel, reduced brake, engine & transmission wear) resistant to corrosion and structural fatigue, and in all likelihood will have an extended vehicle life.

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NABI 45 Foot New Style CNG High Capacity “Compo” Bus



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NABI Advanced Design 60 foot CNG Articulated Bus



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Vehicle Assembly Begins– CNG Artic Front End



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Vehicle Assembly Begins— CNG Artic Front End



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Completed CNG Artic Shell Rolls Off Production Line



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Other Projects – ATV 60 Foot Articulated Hybrid Bus



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Conclusion

With the support of the MTA Board and the leadership of MTA CEO Roger Snoble and Deputy CEO John Catoe, MTA has the most far-reaching Advance Vehicle Technology program in the nation. Through this program, MTA will continue this technology leadership well into the 21st Century.