

# COLTS and Hybrid Technology

## County of Lackawanna Transit System

COLTS will purchase up to four hybrid buses by spring 2011 to replace diesel buses in its current fleet. The funding will come from federal economic stimulus money approved in early 2009. COLTS will then replace the rest of its diesel buses as they reach the end of their useful life cycles.

### WHY HYBRID?

Hybrid buses are up to 40% more fuel efficient than conventional diesel buses. They run on a combination of electric batteries and clean diesel fuel.

Hybrid buses use less fuel because their engines shut down when they come to a stop. As that happens, braking energy is converted into electricity that is stored in the buses' batteries, which are located on top of the vehicles.

Hybrid technology reduces greenhouse gas emissions, providing a cleaner public transportation alternative and reducing our carbon footprint. Hybrid technology also decreases America's dependence on foreign oil.

Hybrid buses provide a smoother, quieter ride, enhancing the experience for COLTS passengers and the surrounding community.



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Transit System**

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