



Hybrid E-Power Bus Fact Sheet

Long Beach Transit is the first transit agency in the world to introduce production-model hybrid gasoline-electric buses into passenger service. Long a leader in low-emission technology, the agency was first in line to buy the new buses once they emerged from the prototype and testing phase. Other Southern California transit agencies now are awaiting delivery of this fuel-efficient, low-emission alternative to diesel, compressed natural gas (CNG) or liquefied natural gas (LNG) buses. Long Beach Transit has dubbed them “E-Power” buses.

Vehicle Type:	Forty-foot, low-floor, hybrid gasoline-electric urban transit bus
Bus Manufacturer:	New Flyer
Hybrid Drive System Manufacturer:	ISE Corporation
Fuel Economy:	Projected at 5.5 miles per gallon, up to 50 percent better than current diesel buses
Emissions:	No measurable particulate matter and 0.5 grams nitrous oxide emissions, far lower than diesel, CNG or LNG buses. Its emissions are cleaner than current air-quality regulations and upcoming new rules require.
Noticeable Characteristics:	Ultra-capacitor electrical storage component on the roof, E-Power logo on roof and sides, quieter operation
Schedule:	27 E-Power buses in service by July, 20 more delivered this summer
Purchase Price:	\$550,000 per bus
Lifetime Cost:	Over 12-year lifetime, purchase price, fuel and maintenance estimated 16 percent less than a CNG/LNG bus

Funding:

Federal, state and local sources

Deployment Area:

Long Beach Transit's 98-square-mile service area, including Artesia, Bellflower, Carson, Cerritos, Hawaiian Gardens, Lakewood, Long Beach, Norwalk, Paramount, Signal Hill and Seal Beach