



eTec News

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“New York State Energy Research and Development Authority (NYSERDA) awards Electric Transportation Engineering Corporation (eTec) \$132,462 under PON 1003 to develop a Plug-in Hybrid Electric Vehicle re-charging infrastructure plan for the State facilities throughout New York.

Electric Transportation Engineering Corporation (eTec), was awarded a contract with the New York State Energy Research and Development Authority (NYSERDA) under PON 1003 to evaluate the re-charging infrastructure requirements for the Plug-in Hybrid Electric Vehicles in the State of New York.

NYSERDA, under PON 1088 has contracted with several PHEV conversion companies to evaluate their ability to convert existing State fleet vehicles from hybrid electric vehicles to Plug-in hybrid electric vehicles. The state has several hundred HEVs currently in their fleet consisting of Ford Escape Hybrids, Toyota Prius hybrids and Honda Civic hybrids. When converted to PHEVs, these vehicles will likely utilize 120VAC on-board chargers that require dedicated outlet circuits that will also need to meet the requirements of the National Electrical Code Article 625 pertaining to electric vehicle infrastructure.

eTec will evaluate the current distribution of the State’s hybrid fleet, their daily driving requirements and where they reside in the evening because that is when the primary recharging will take place.

An infrastructure road map will be developed for NYSERDA that will outline the most efficient way to begin deploying PHEVs within the state, the associated infrastructure hardware requirements, re-charging locations and typical costs associated with installation of proper charging equipment for the PHEVs.

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