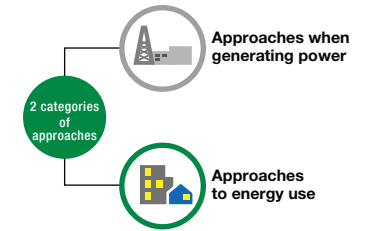




Protecting the Earth from global warming Initiatives in the Transportation Sector



TEPCO approaches

We are actively adopting EVs for corporate use

Electric vehicles do not emit exhaust gas while traveling. They therefore contribute to mitigating air pollution, and can reduce CO₂ emissions by approximately 70% compared to gasoline vehicles of the same class. TEPCO is actively pursuing the introduction of electric vehicles, and has introduced 310 such vehicles to its offices in FY2009. This has brought the number of electric vehicles among our fleet of 8,090 commercial vehicles to 417, as of March 31, 2010.

We plan to increase the number of electric vehicles to around 3,000 in the future, to achieve a CO₂ emission reduction worth approximately 2,500 t/year.



Commercial EV used by TEPCO

We are promoting the development and dissemination of rapid chargers

TEPCO has developed rapid chargers utilizing the charging technologies it has cultivated through the years, and has conducted demonstration tests in cooperation with automobile manufacturers. With the rapid charger we have developed, a 10-minute charge can provide enough power for an electric vehicle to travel approximately 60 km. We also make active efforts to enhance the performance of rapid chargers and promote their use.

In March 2010, we founded the CHAdeMO Association*, in collaboration with a number of automobile manufacturers. As an executive member of the association, we will actively promote the dissemination of electric vehicles



Quick charger developed by TEPCO

through improvement of charging technologies, standardization of charging methods, and provision of information on rapid chargers abroad.



CHAdeMO

CHAdeMO Association logo

We promote CO₂ reduction measures that prevent engine idling

TEPCO has developed a power system that can control temperatures in truck cabs and maintain cold temperatures in the cargo room of freezer trucks even with the engine shut off, and began commercial operation of the system in Autumn 2007. By shutting off their engine and using a power supply stand, large trucks can reduce CO₂ emissions by as much as 98%, as well as minimize exhaust fumes, noise, and fuel costs. As of March 31, 2010, 203 power supply stands are in operation in 29 locations throughout Japan, including rest stops and truck stations along highways, the Tsukiji wholesale market, and Narita Airport.



A truck at a power station
(Toshin Truck Station, Kanagawa)

Terminology

CHAdeMO Association

An association founded by Toyota Motor Corporation, Nissan Motor Co., Ltd., Mitsubishi Motors Corporation, Fuji Heavy Industries Ltd., and TEPCO as its executive members. It has a membership of 270 Japanese and foreign companies and organizations, including charging equipment manufacturers, charging service companies, and supporting members consisting of private companies and public agencies (as of August 4, 2010).