

Connecting with the Future – Testing Charging Stations

It's only a matter of time before driving an electric car will be completely normal for us. E.ON is already working hard on developing the infrastructure required to make this a reality. Since July 2009, the first prototype charging stations for electrical cars have been operating in Munich. They were set up by E.ON and BMW in the Bavarian capital as part of a pilot project.

The charging units supply project participants with electricity from Bavarian hydroelectric power plants, with other electric vehicles also free to use them. Drivers only require a personal access card to fill up, which can be easily ordered online. During charging, electric cars receive enough elec-

tricity in one hour for more than 50 km of driving. A wide variety of different connections allow drivers to charge all types of electric cars with up to 32 amperes (limitation due to DIN EN 61851EN). From a technical viewpoint, the charging units are actually capable of quickly charging 50 amperes. So far, 15 charging stations have been set up at central points in and around the city, like at railway stations.

Based on the experiences from the test run, E.ON is continuing to develop the technology for charging electric cars with its partners. Here, the focus is not only on smaller versions of public stations but also on simple solutions for use in private garages.



E.ON has set up a network of public charging stations in Munich – the model region for electro-mobility. One of these, a dual charging station, is located in the courtyard of the German Museum (left).