

China Electric Vehicle Charging Station Market Report, 2011-2012

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Abstracts

In March and April 2012, the Ministry of Science and Technology and the Ministry of Industry and Information Technology introduced two development plans for the electric vehicle industry which sketched the technology roadmap of Chinese electric vehicle industry and took the development of all-electric vehicle as the focus. As electric vehicle (EV) charging (battery-switching) stations mainly serve all-electric vehicles, the issuance of the aforesaid plans is obviously favorable for the development of EV charging (battery-switching) stations in China.

With regard to the construction of EV charging stations, China had built up 314 charging stations and more than 16,000 AC charging spots by the end of 2011. State Grid Corporation acted as the main player, and China Southern Power Grid and China Potevio also made some progress in the construction of charging facilities in Guangdong and Shenzhen. Presently, the construction of EV charging (battery-switching) stations is mainly concentrated in East China, South China and North China, because electric vehicles are promoted rapidly in these regions.

This report starts with the demonstration & promotion policies, financial subsidy and development planning concerning EV industry to analyze the state quo and prospect of EV charging (battery-switching) stations in China and highlights the operation of charging station constructors like State Grid Corporation and China Southern Power Grid, as well as of the downstream charging equipment manufacturers such as NARI Technology Development Co., Ltd. and Shenzhen Auto Electric Power Plant Co., Ltd.

NARI Technology Development Co., Ltd. is one of the major beneficiary enterprises in the construction of EV charging station in China, and boasts comprehensive capabilities in providing such hardware products as EV charging station system integration, charger

and charging spots. In 2011, the company occupied 70% of EV charging station system integration market of State Grid Corporation.

Shenzhen Auto Electric Power Plant Co., Ltd. is one of the major manufacturers of chargers and charging spots for EV charging stations in China, as well as one of the earliest listed companies entering EV charging equipment market. In 2011, the company participated in the construction of seven EV charging stations in Shenzhen and provided charging spots and chargers for Shenzhen Power Supply Bureau.

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