CPID's Case of Battery Swap for Heavy Trucks Wins Gold Award in the APEC-ESCI Best Practices Awards

Recently, CPID's green power transportation segment (Qiyuan Core Power) project for battery swap for heavy trucks stood out from 65 projects in 17 economies, including Australia, Canada and the United States, and won the Gold Award in the 5th APSEC-ESCI Best Practices Awards for Smart Transportation.

The APEC-ESCI Best Practices Awards are the only biennial project-based awards under the APEC Energy Working Group, awarded every two years. The awards include one gold award and one silver award for practices in five categories: smart transportation, smart buildings, smart grids, smart work, and low-carbon model towns. The awards are based on criteria that by 2035, the energy consumption of the project can be reduced by at least 45% compared to that in 2005.

At present, CPID's project for battery swap for heavy trucks matches the full-scenario transportation electrification needs of mines, steel mills, ports, power plants, and urban dumps and road transportation facilities in a comprehensive manner, with the characteristics of miniaturization, modularity and mobility. The business covers 31 provinces, municipalities and autonomous regions, with a market share of over 80% and the total mileage of operating vehicles exceeding 110 million km. It has been estimated that the cumulative fuel consumption has been saved by 700 million tons and CO2 emissions have been reduced by 200,000 tons.

Under the global trend of low-carbon development and transportation electrification, the model of battery swap for heavy trucks is effectively providing low-carbon and intelligent integrated transportation solutions for various industries.