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PetroChina Guangdong Petrochemical Refinery Complex becomes fully operational

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On February 27, PetroChina Guangdong Petrochemical's refinery complex (hereinafter "Guangdong Petrochemical Project") achieved full-line commissioning, with all types of products meeting quality standards, which represents the success of the trial runs and the start of its full operation.

Located in Jieyang, Guangdong Province, Guangdong Petrochemical Project is listed as one of the four major petroleum refining bases supported by the 14th Five-Year Plan of Guangdong Province for the Manufacturing Industry and is the "No. 1 Project" of Jieyang. It is also the largest one-time investment project of PetroChina. With an aromatics plant of the largest capacity worldwide and an ethylene plant of the largest scale domestically, the project can process 20 million tons of crude oil, and produce 1.2 million tons of ethylene products and 2.6 million tons of aromatic hydrocarbons annually. Meanwhile, it is built with a 300,000-ton crude oil terminal and a 5000-100,000 ton oil products terminal.



Compared with other refining and chemical plants of the same scale, Guangdong Petrochemical Project can increase the added value of products by 25% and reduce energy consumption by about 15%. Through the introduction of advanced and mature environmental protection technology, the project achieves ultra-low emissions and discharges, with a sewage recycling rate higher than 70%, and 100% of its solid waste treated in a fully compliant manner.

After becoming operational, the project will effectively improve the petrochemical industry chain in eastern Guangdong, and drive the development of the local midstream and downstream petroleum sector, which is worth a total of RMB560 billion. It will also facilitate the coordinated development of Guangdong's economy, and propel domestic refining and chemical business to move toward the middle and high end of the industrial chain and value chain.

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