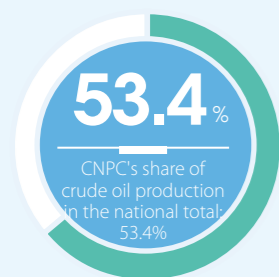


Special
ReportCNPC: Provider, Contributor and Adherent of Green
and Clean Energy

Since China's reform and opening up, especially since the 18th National Congress of the Communist Party of China, CNPC has implemented the strategy of Resources, Markets, Internationalization, and Innovation by conscientiously implementing the decisions and arrangements of the CPC Central Committee and the State Council, in an effort to build the company into a world-class integrated international energy company. Through unremitting efforts in deepening reform and expanding open cooperation, the Company has effectively promoted the transformation of its development mode and improved development quality, and made important contributions to guaranteeing national energy security, carrying out clean production and promoting green development.

Safeguarding National Energy Security

Over the past four decades, CNPC's domestic accumulated newly-added proven oil and gas in place (including shale gas and CBM) have respectively made up over 60% and 70% of the national total, and the Company has produced an accumulative total of more than 4 billion tons of crude oil and nearly 1.5 trillion cubic meters of natural gas, accounting for 60% and 70% of the national total, respectively. By the end of 2018, we have established five 10Mt-grade giant oilfields including Daqing, Huabei, Liaohe, Xinjiang, and Changqing oilfields, and three 10bcm-grade gas fields including Southwest, Tarim, and Changqing gas fields. Our oil and gas production at home and abroad in 2018 doubled that of 1998, with domestic oil and gas production standing at 101.017 million tons and 109.37 billion cubic meters respectively. Additionally, CNPC has guaranteed stable oil and gas supply during major events such as the Olympic Games, World Expo, APEC and G20 Summit and for relief works of major natural disasters.

101.017 million tons

Our domestic marketing
volume of crude oil

172.42 billion cubic meters

Our domestic marketing
volume of natural gas

117.358 million tons

Our domestic marketing
volume of refined products

As a major player in the construction and investment of oil and gas pipeline networks in China, CNPC started with only a few pipelines with a total length of less than 10,000 km before China's reform and opening up, and has now basically completed the domestic oil and gas pipeline network, with natural gas, crude oil and refined oil pipelines stretching a total of 86,734 million km. CNPC has thereby made positive contributions to safeguarding China's national energy security, and played its leading role as a key state-owned enterprise.

Promoting Green Development

CNPC is the largest oil and gas producer and supplier in China, and serves as a provider, contributor and adherent of China's green and clean energy. The Company is devoted to natural gas development, and has supplied an accumulative total of 1.69 trillion cubic meters of natural gas to the domestic market through domestic production and imports over the past four decades. This accounts for more than 70% of the national total and is equal to the substitution of 3.41 billion tons of standard coal, and a reduction of 6.31 billion tons of carbon dioxide, 43 million tons of sulfur dioxide, 24 million tons of nitrogen oxides, and 12.5 million tons of soot and other particulate emissions, laying a solid foundation for the national campaign of "winning the battle for blue skies". We actively promote the upgrading of oil product quality by setting upgrade plans in advance and actively promoting technological transformation according to national planning and deployment, and have comprehensively accomplished each quality upgrading task on schedule. The Company has completed three rounds of oil product quality upgrading in 10 years, going through a process which took nearly 20 years in Europe and America.

CNPC continuously improves its environmental performance in the process of production and operation and actively participates in public welfare endeavors to promote ecological progress. In the past five years, we have saved an accumulative total of 5.11 million tons of standard coal equivalent, 83.16 million cubic meters of water, and 6,000 hectares of land, with the emissions of major pollutants on the decline year by year. The Company makes an average annual investment of RMB 124 million in environmental public welfare undertakings, and has built more than 20 million hectares of carbon sink forests in 13 provinces (municipalities and autonomous regions) in China. Thanks to these efforts, CNPC was named a "Low Carbon Model in China" for eight consecutive years, and has won over 30 environmental protection awards in the countries along the Belt and Road.