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中国神华能源股份有限公司
CHINA SHENHUA ENERGY COMPANY LIMITED
(a joint stock limited company incorporated in the People's Republic of China with limited liability)
(Stock Code: 01088)

OVERSEAS REGULATORY ANNOUNCEMENT

This announcement is made pursuant to Rule 13.10B of the Rules Governing the Listing of Securities on The Stock Exchange of Hong Kong Limited.

The "Announcement on Completion of 168-hour Trial Operation of Whole-Flow Demonstration Project of Capture and Storage of CO₂ after Combustion in Coal Power Plant of Jinjie Energy" as published in Chinese on the website of the Shanghai Stock Exchange (www.sse.com.cn) on 30 June 2021 is enclosed hereto as overseas regulatory announcement.

By order of the Board
China Shenhua Energy Company Limited
Huang Qing
Secretary to the Board of Directors

Beijing, 29 June 2021

As at the date of this announcement, the Board comprises the following: Mr. Wang Xiangxi, Mr. Yang Jiping and Mr. Xu Mingjun as executive directors, Mr. Jia Jinzhong and Mr. Yang Rongming as non-executive directors, Dr. Yuen Kwok Keung, Dr. Bai Chong-En and Dr. Chen Hanwen as independent non-executive directors, and Mr. Wang Xingzhong as employee director.

China Shenhua Energy Company Limited
Announcement on Completion of 168-hour Trial Operation of
Whole-Flow Demonstration Project of Capture and Storage of
CO₂ after Combustion in Coal Power Plant of Jinjie Energy

The board of directors and all directors of China Shenhua Energy Company Limited guarantee that the information set out in this announcement does not contain any false statements, misleading representations or material omissions, and severally and jointly accept responsibility as to the truthfulness, accuracy and completeness of the content herein.

Recently, a coal power plant of Shaanxi Guohua Jinjie Energy Co., Ltd. (referred to as “**Jinjie Energy**”), a subsidiary of China Shenhua Energy Company Limited, has successfully completed the 168-hour trial operation of whole-flow demonstration project of capture and storage of carbon dioxide (CO₂) after combustion (referred to as “**Jinjie CCS Demonstration Project**”).

Located in Yulin City, Shaanxi Province with a construction scale of 150,000 tonnes/year, Jinjie CCS Demonstration Project is a national key research and development project. Relying on the Jinjie Energy No.1 600MW subcritical generation unit, the project has integrated with multiple new technologies and processes including new composite amine absorbent and efficient and energy-saving processes, forming a set of new technology system applicable for capturing CO₂ from flue gas of coal power plants in China with high efficiency and low energy consumption. During the trial operation of the Jinjie CCS Demonstration Project, collection rate of CO₂ reached 90% while the concentration rate of CO₂ captured reached over 99%.

The successful commencement of operation of the Jinjie CCS Demonstration Project provides technical support for China's coal power plants to achieve “near-zero emission”, and accumulates practical experiences for China's thermal power plants to carry out large-scale carbon capture projects up to millions of tonnes, which is of great significance for implementing the objectives of “capping carbon emission” and “carbon neutrality”.

It is hereby announced.

By order of the Board of Directors
China Shenhua Energy Company Limited
Huang Qing
Secretary to the Board of Directors
30 June 2021