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CERTIFICATION OF TRANSLATION (Certified by Courts)

This is to certify under the penalty of perjury that I am a court certified interpreter in California with license number #301138 and I am fluent in Chinese (Mandarin) and English languages, that the document(s) listed as

Main Goals of Fully Implementing Ultra-Low Emission and High-Efficiency Retrofits for Coal-Fired Power Plants

is (are) complete and accurate translations of the original written document(s) to the best of my ability and knowledge.

I certify under penalty of perjury under the Laws of the State of California that the foregoing is true and correct.

Signed on May 15, 2017 in Los Angeles, California, USA



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Main Goals of Fully Implementing Ultra-Low Emission and High-Efficiency Retrofits for Coal-Fired Power Plants

By 2020, all the coal-fired power plants qualified for retrofitting will strive to meet the ultra-low emission standard (i.e. under the reference oxygen content of 6%, the emission concentration of dust, sulfur dioxide and nitrogen oxides should not exceed 10, 35 and 50 mg per cubic meter respectively).

All eligible newly built coal-fired generating units should reach the ultra-low emission standard. The ultra-low emission retrofit for existing coal-fired generating units will be accelerated and generally accomplish the ultra-low emission retrofit task in the eastern region (the 11 provinces and cities including Beijing, Tianjin, Hebei, Liaoning, Shanghai, Jiangsu, Zhejiang, Fujian, Shandong, Guangdong and Hainan) by 2017, which is originally expected to be completed by 2020. Electric utility coal-fired generating units of 300,000 kilowatts and above, and captive coal-fired generating units of 100,000 kilowatts and above (temporarily not including W-shape flame boiler and circulating fluidized bed boiler) are required to carry out ultra-low emission retrofit.

We will gradually extend the requirements for the eastern region to the qualified areas across the country, requiring the ultra-low emission retrofit for coal-fired generating units of 300,000 kilowatts and above (temporarily not including W-shape flame boiler and circulating fluidized bed boiler). We will work hard to achieve this goal for those in the central region (8 provinces including Shanxi, Jilin, Heilongjiang, Anhui, Jiangxi, Henan, Hubei and Hunan) by 2018, and for those in the western region (12 provinces and cities including Inner Mongolia, Guangxi, Chongqing, Sichuan, Guizhou, Yunnan, Tibet, Shaanxi, Gansu, Qinghai, Ningxia and Xinjiang, and the Xinjiang Production and Construction Corps) by 2020. We will strive to complete the retrofitting of 580 gigawatts of coal-fired generating units by 2020.

Generally, newly built coal-fired power generation projects should adopt ultra-supercritical units of 600,000 kilowatts and above with an average coal consumption rate of less than 300 grams of standard coal per kWh (hereinafter as "grams / kWh"). By 2020, the operating coal-fired generating units should have an average coal consumption rate of less than 310 g/kWh after retrofit.

