

## **Reducing GHG emission from power industry in China**

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The electricity generation sector provides key services that maintain and enhance countries' economic activity, as well as maintain and increase populations' standards of living. Reliable supply of electric power is a key input for the industrialization process of China's economy. In China, the growth rate of this sector is higher than that of the overall economy, as electrification is linked to its development priorities.

In the spirit of being responsible for the global environment and meeting the need of promoting sustainable development strategy, China has made positive contributions to relieving the increase of greenhouse gas emissions from power sector by developing hydropower as priority, optimizing thermal power, promoting nuclear power, new and renewable power generation as appropriate and strengthening grid construction. In the 21<sup>st</sup> century, ambitious targets for reducing GHG emissions from this rapidly growing industry are made by the government and large investment and technology input are needed in order to meet these targets.