

ELECTRIC POWER INDUSTRY IN CHINA 1983

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COVER: Gezhouba Hydropower
Station on The Changjiang River.



FOREWORD

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and Electric Power**

In order to introduce the development and highlights of electric power industry in China to the outside world, Scientific and Technical Information Institute of our Ministry compiled this report "Electric Power Industry in China 1983" (in English), and is planning to compile such a report periodically.

In 1983, Chinese people achieved the most heartening successes in the fields of economical and social development through one year's efforts. The industrial and agricultural output value has reached the target set for 1985 in China's Sixth Five-Year Plan two years ahead of time.

Along with the achievements on all fronts, electric power industry, attained new success in 1983 as well. The aggregate electricity generation amounted to 351 TWh, an increase of 7.1% over the previous year. Among them hydroelectric generation accounted for 86.4 TWh. The average rate of net coal consumption by power industry in 1983 was 434 g/kWh, 4 g/kWh lower than that in the previous year. The average rate of line loss was 8.53%, 0.11% lower than that in the previous year. The further conversion of oil-fired units to coal-fired and the saving of fuel oil in the utilities' thermal power plants resulted in about 1 million tons reduction. In 1983, fixed assets investment for capital construction totalled 5.56 billion yuan, and the large and medium-sized generating units that went into operation have a total capacity of 3620 MW. In the mean time, a total of 7084 km of 110 kV and above power transmission lines and 4530 MVA of substation equipment were put up.