

## **STRATEGY OF HUADIAN OIL SHALE COMPREHENSIVE UTILIZATION**

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*The estimated resources of oil shale in China are approximately two trillion tonnes, which are equivalent to eighty billion tonnes (bn.t) shale oils. This resource is next after the United States. At present, the discovered reserves of oil shale are about 32 bn.t and mainly distributed over 55 deposits located in the provinces of Jilin, Guangdong, Liaoning, etc. The discovered reserves in Jilin province are up to 17.676 bn.t, accounting for 56% of the national total amount, and distributed mainly in a few areas such as Nong'an, Qianguo, Huadian and Wangqing. The oil shales in Huadian have the best quality and are ready for exploration. In 1996, the only oil-shale-fired power plant in China, incorporating three units of 65t/h oil-shale-fired circulating fluidized-bed (CFB) boiler, was built and in operation successfully in Huadian city. To solve the problem of the shortage of petroleum energy in China, especially in Jilin province, a comprehensive utilization project of Huadian oil shales will be conducted. This paper will discuss and examine the comprehensive utilization strategy of Huadian oil shales along with Jilin's energy problems and previous oil shale exploitation and application experiences.*

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