# 关于下索子沟三道桥水电站有效电量系数的说明

康定县吉能水电开发有限公司：

康定县下索子沟三道桥水电项目位于四川甘孜州康定县境内，考虑到近几年当地电网发展滞后，地方电网与大网之间连接单一，电网吸收能力有限等因素，本项目在丰水期发电电量将无法全部被电网接收，预计弃水损失较为严重。根据《小水电建设项目经济评价规程》（SL16-95），电网限制丰水期及夜间电能时，有效电量系数应选取0.7~0.8，本院建议三道桥水电站的有效电量系数采用0.8。

中国水利水电第十工程局勘测设计院

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# Certification of the Coefficient of Effective Electricity for Kangding Sandaoqiao Hydropower Station

Kangding Jineng Hydropower Exploitation Co., Ltd.

Sichuan Kangding Sandaoqiao Hydropower Station is located in Kangding, Ganzi prefecture, Sichuan. Taken all the influential factors into consideration, including that the development of the local grid is lagged behind in recent years, the connection between the local grid and the large grid is a simplex connection, the absorptive capacity of the grid is limited etc., and the power generation of this project will not be fully accepted by the grid during the rainy season, it is estimated that the loss caused by abandoned water will be severe. According to the "Economic Evaluation Regulation of Small Scale Hydropower Construction Project" (SL16-95), for projects for which the power supplied to the grid is restricted during the rainy season and night-time, the coefficient of effective electricity should be chosen as 0.7~0.8, we suggest the coefficient of effective electricity of Sandaoqiao Hydropower Station should be 0.8.

The Investigation, Design and Planning Institute of the 10th Project Bureau of China Water Conservation and Hydropower Administration

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