

关于溢洲电站有效电量系数的说明

一、由于溢洲电站接入电网的方式为单线接入，抗电网事故能力较差，韶关地区又处于雷区，在丰水期电站发电受到一定影响；

二、溢洲电站属低水头径流式电站，丰水期水量多时为确保防洪安全，需要进行弃水；

三、溢洲电站在韶关电网中要参与调峰任务，有时需低水位运行，水能利用率较低；

四、溢洲电站还担负美化市容功能，有时需配合市政降低水位进行河堤维护。

因此，溢洲水电站初步设计报告中，设计院依照 SL16-95 号文件选择 0.93 的有效电量系数是科学合理的，与实际情况相符的。

特此说明！

广东电网公司韶关供电局调度中心

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The Explanation of the coefficient of effective electricity for Yizhou station

1. Since the connecting way for Yizhou Hydropower Station is the single line connection, the capacity for anti-accident is quite weak. Shaoguan City is located in the area that thunder happened frequently, the power generation in abundant water reason will be influenced to some extent.
2. Yizhou Hydropower Station is the run of water hydropower station with low water head. In the abundant water season, when the water is becoming much more, large amount of water will be abandoned for the purpose of flood preventing;
3. Yizhou Hydropower Station takes the responsibility of peak regulation under the dispatching of Shaoguan Grid, sometimes, it is has to operate under the low water level, the water resources utilization efficiency is quite low.
4. Yizhou Hydropower Station also takes the responsibility of city beautifying; sometimes it is necessary to assist the administrative government to reduce the water level for the purpose of dam maintenance.

Form the analysis mentioned above, it could be concluded that in the preliminary design report of Yizhou Hydropower Station, it is reasonable and appropriate to employ 0.93 as the effective electricity average coefficient according to the No. SL-16-95 Document by the design institute, which is complying with the actual situation.

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Bureau
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