



西门子能源自动化为位于辽宁丹东的国网新源蒲石河抽水蓄能电站4x300MW工程的发电电动机提供成套机组保护装置，该抽水蓄能机组要实现发电、抽水等多达13种的运行工况，起动方式为SFC或背靠背起动，保护配置极为复杂，对工程经验要求很高。西门子凭借安全稳定的产品品质和超过30年的成熟运行经验，为客户提供可靠的保障。

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供货范围

SIPROTEC综合保护装置

- 8台7UM61 变压器保护装置
- 8台7UM62 发电机保护装置
- 12台7UT63 变压器差动保护装置
- 8台7UT61 变压器差动保护装置



辽宁蒲石河抽水蓄能4x300MW

独有的成熟技术与SIPROTEC灵敏而可靠的解决方案

www.siemens.com.cn/ea

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Siemens energy automation provided completely generator protection solution for State Grid XinYuan Pushihe Pumped Storage Power Station 4x300MW units, Dandong, Liaoning Province. The pump/generator is characterized by the multiple (up to 13) operation conditions including pumping and power generating, starting mode with SFC or Back-to-Back. These lead to the most complex protection configuration and the high dependence of engineering experience. With safe and stable quality and more than 30 years experience, Siemens helps to ensure reliable power supply for the whole system.

Siemens Ltd., China, Power Transmission and Distribution, Energy Automation

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Scope of supply

SIPROTEC Protection Relays

- 8 x 7UM61 transformer protection relays
- 8 x 7UM62 generator protection relays
- 12 x 7UT63 transformer differential protection relays
- 8 x 7UT61 transformer differential protection relays



Liao Ning 4x300MW Pushihe Pumped Storage Power Plant Project

Safe and Reliable Operation by SIPROTEC Generator Protection System

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