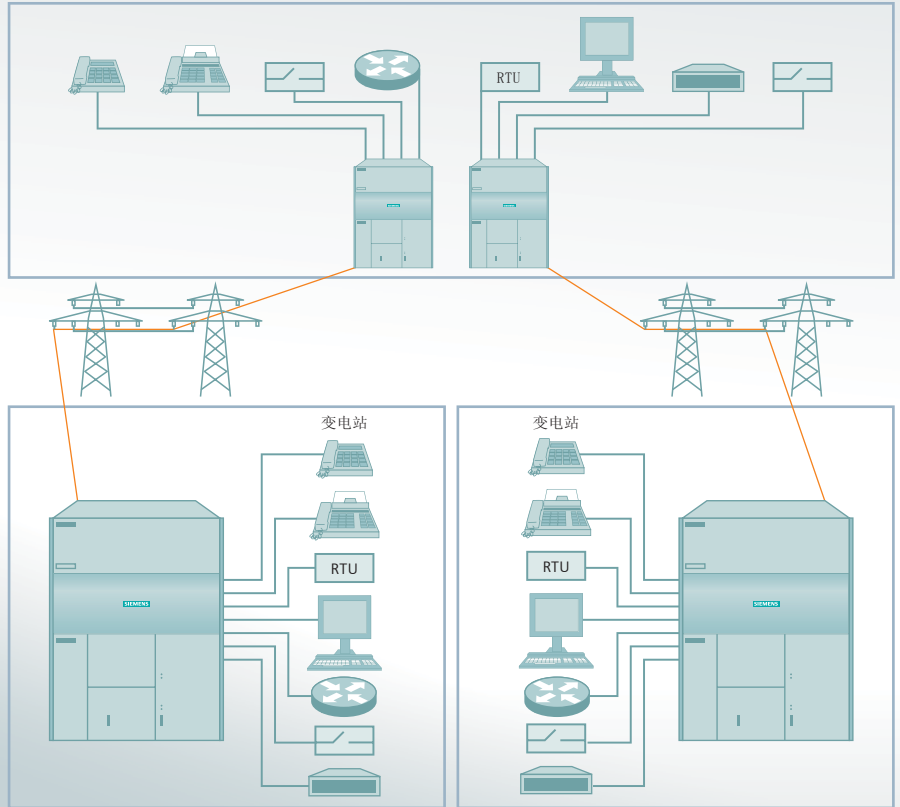




供货范围

供电系统

- PowerLink 电力线载波系统
- 内置式SWT3000 电力载波设备



西门子能源自动化为贵州电网公司的改造项目提供了全套电力线载波的通信解决方案。在2008年1月份发生的50年一遇的特大冰灾之后，贵州电网公司实施了电网改造工程以保障供电系统的安全性和稳定性。该项目共使用了30个内置 SWT3000 保护信号设备的Powerlink系统。这些系统安装在分布全省的多个变电站并连接 220kV 和 500kV 两个不同的电压等级。为了确保正常供电不受严酷天气影响，有关通信系统必须在冬天下雪季节来临之前安装完成。全部PowerLink 系统已于2008年底调试完毕，并在项目组满意的赞扬声中交付使用。

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贵州电力改造项目

先进的电力线载波技术与全新的理念

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Siemens provides Guizhou Power Grid Company with 30 PowerLink PLC Systems with integrated SWT 3000 protection signaling devices for its communication needs for a renewal project, which is initiated to upgrade the existing teleprotection system after the worst snowstorm in 50 years hit South China in January 2008. The required systems are used in the 220kV and 500kV covering 30 substations scattered in the province. In order to provide maximum protection to the power network under harsh weather conditions, the systems have to be up and running before the next snow season. The PowerLink Systems were commissioned on time by the end of 2008.

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

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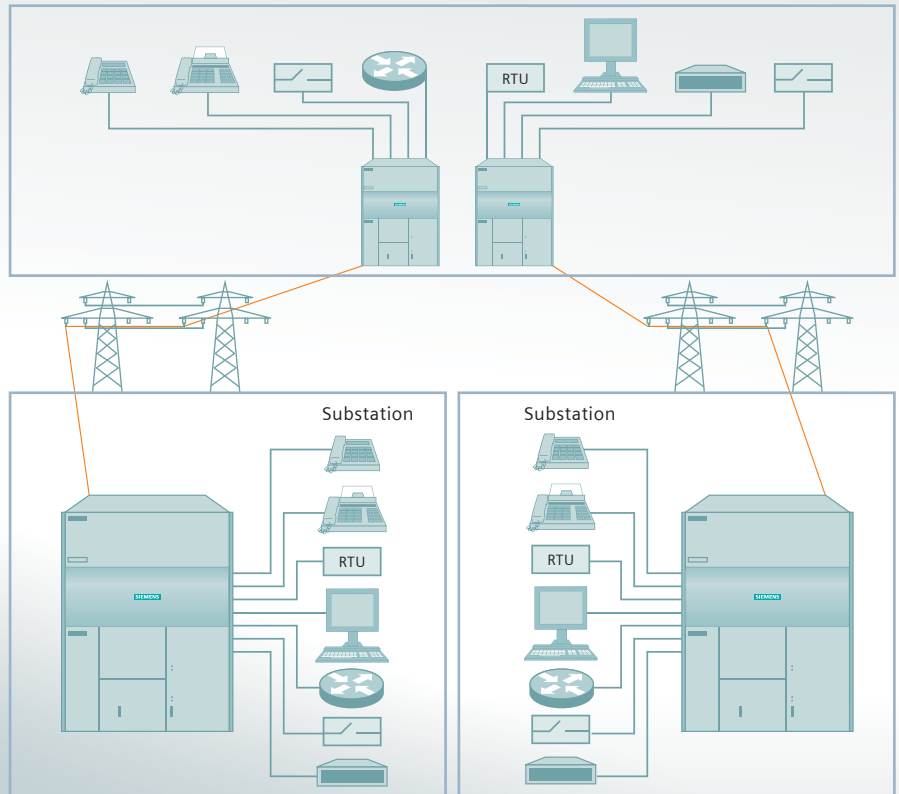
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Scope of supply

Power Delivery

- PowerLink power line carrier systems
- Integrated SWT3000 protection signaling devices



Phone (ISDN or analog)



Fax

RTU

Remote terminal unit



Computer (data transmission)

Protection relay



Router

Modem connection

Guizhou Power Reconstruction Project

Advanced PLC Technology with a Forward-looking Concept

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