

运行证明 Operation Certification

郑州换流站位于河南省郑州市，经纬度为东经 $112^{\circ} 42'$ $-114^{\circ} 14'$ ，北纬 $34^{\circ} 16'$ $-34^{\circ} 58'$ 。

Zhengzhou converter station is located in Henan , Zhengzhou , east longitude $112^{\circ} 42'$ $-114^{\circ} 14'$,north latitude $34^{\circ} 16'$ $-34^{\circ} 58'$.

郑州换流站，站内采用了江苏神马电力股份有限公司产品，工程供货清单如下表所示：

Zhengzhou converter station , The station has adopted SHEMAR products. The details of the supply of insulators are as under:

应用设备 Applied device	产品类型 Specification	电压等级 Voltage	数量 Quantity
平波电抗器 Smoothing reactor	支柱复合绝缘子 Composite post insulator	$\pm 800\text{kV}$	31
极线支柱绝缘子 Polar Composite		$\pm 800\text{kV}$	37

post insulator			
合计 Total			68

2014年1月，该变电站投入试运行，至今为止，未对复合绝缘子进行任何维护工作，包括但不限于清洗、清扫和喷涂防污闪涂料等。至今为止所有复合产品运行状态良好。

In January 2014, the substation was put into operation, so far, no maintenance work has been done on the composite insulators, including but not limited to cleaning and spraying of anti-fouling paint. Up to now all composite products are running well.

特此证明

Hereby certify

此页无正文

单位名称 (公章):

Name of unit (official seal):

日

Date:

