

运 行 证 明

Operation Certification

哈密南换流站位于新疆维吾尔自治区哈密市,经纬度为东经 $96^{\circ} 23' 00'' \sim 91^{\circ} 06' 33''$, 北纬 $45^{\circ} 05' 33'' \sim 40^{\circ} 52' 47''$, 站区紫外线照射强烈, 年均日照时数 3358 小时, 昼夜温差大, 日最高气温 43°C , 日最低气温 -32°C 。

750kV Haminan substation is located in the Xinjiang Uygur Autonomous Region, east longitude $96^{\circ} 23' 00'' \sim 91^{\circ} 06' 33''$,north latitude $45^{\circ} 05' 33'' \sim 40^{\circ} 52' 47''$. Ultraviolet radiation is intense; the average annual sunshine hours are 3358 hours. Temperature varies widely from day to night, daily highest temperature is 43°C and daily minimum temperature is -32°C .

哈密南换流站, 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:

Haminan substation 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	±800kV	31
极线支柱绝缘子 Polar Composite post insulator		±800kV	37
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

单位名称（公章）：

Name of unit (official seal):

日

期：

