

运行证明

Operation Certification

江苏神马电力股份有限公司为国家电网公司锦屏-苏南±800千伏特高压直流工程提供 7291 支线路绝缘子产品。

Jiangsu Shemar Electric Co., provided 7291 pieces of line composite insulator for State Grid Company in Jinping- Sunan ± 800kV UHV DC project.

供货清单如下：

The supply list is as follows:

产品型号 Products type	电压等级 Voltage grade	机械负荷 mechanical load	数量/支 Quantity
FXBZ-±800/160-1	±800kV	160kN	469
FXBZ-±800/160-2	±800kV	160kN	1141
FXBZ-±800/240-1	±800kV	240kN	267
FXBZ-±800/240-2	±800kV	240kN	196
FXBZ-±800/300-1	±800kV	300kN	429
FXBZ-±800/300-2	±800kV	300kN	718
FXBZ-±800/420-1	±800kV	420kN	775
FXBZ-±800/420-2	±800kV	420kN	1920
FXBZ-±800/550-1	±800kV	550kN	261
FXBZ-±800/550-2	±800kV	550kN	1049
FXBZ-±800/550-3	±800kV	550kN	34
合计 Total :			7291

2012 年 12 月，国家电网锦屏-苏南±800 千伏特高压直流工程投入试运行。起点四川西昌市裕隆换流站，落点江苏省苏州市同里换流站。途经四川、云南、重庆、湖南、湖北、安徽、浙江、江苏八省市，全长约 2100 公里，沿线地质和气候条件复杂，途经高污秽、高湿度与重度覆冰地区。是当时世界上输送容量最大、送电距离最远、电压等级最高的直流输电工程，代表了当时世界直流输电技术的最高水平。

In December of 2012, Jinping- Sunan \pm 800kV UHV DC project project was put into trial operation. It starts from Yulong converter station in Xichang City, Sichuan Province and ends at Tongli converter station in Suzhou City, Jiangsu Province. It passes through eight provinces and cities of Sichuan, Yunnan, Chongqing, Hunan, Hubei, Anhui, Zhejiang and Jiangsu, with a total length of about 2100 kilometers. The geological and climatic conditions along the line are complex, and it passes through areas with special work condition of high pollution, high humidity and heavy icing. At that time, it was the DC transmission project with the largest transmission capacity, the longest transmission distance and the highest voltage level in the world, representing the highest level of DC transmission technology in the world.

江苏神马电力股份有限公司提供的线路复合绝缘子能有效防止各类闪络事故的发生。运行至今，神马所供的线路复合绝缘子产品均运行状态良好，无任何老化及质量事故发生，未对复合外绝缘进行任何针对性维护，大大提升该输电线路的可靠性和经济性。

Shemar' s line composite insulator can effectively prevent all kinds of flashover accidents. Till now, Shemar' s line composite insulators are all in good condition without any aging issue and quality accident. There is no any special maintenance for composite external insulation, greatly improve the reliability and economy of the transmission line.

特此证明

Hereby certificate

单位名称：生产投承科

Office Sealing:

日期(必填): 2020.5.29

Date: