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中国电力科学研究院 低温室效应环保气体开关设备

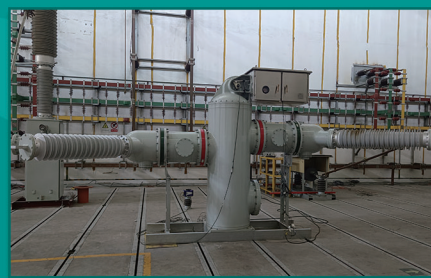
环保气体开关设备是中国电力科学研究院有限公司牵头研发的由全氟异丁腈(C4)混合气体为绝缘介质的环保型电气设备。C4气体为自主国产化合成制备,纯度99.9%为国际先进水平,实现我国C4生产从0到1的突破。攻克了C4应用于开关设备的绝缘设计和气固相容等关键技术难题,研制出特高压环保GIL、126kV环保GIS、12kV环保环网柜等系列环保设备,具有环保性能优异(温室效应下降97%)的显著优势,支撑建设电网环境保护全国重点实验室,推动电网输电变电装备绿色化发展。



1100kV C4环保GIL



126kV C4环保GIS



126kV C4环保断路器



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