



VSAT卫星通信及其在电力系统应急通信中的建设
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摘要：介绍VSAT卫星通信的特点，认为建设卫星通信需要采用我国控股的具备C波段和Ku波段的卫星，提出建设主站、建设中心站、建设远端站和利用运营商主站4种卫星通信网建设方式并从技术和经济上进行比较。最后给出电网卫星通信建设实例。

关键词：VSAT；卫星通信；电力系统；应急通信

VSAT Satellite Communications and Its Construction in the Emergency Communication System of Electric Power Grid

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Abstract: The characteristics of VSAT satellite communication are introduced. When building a satellite communication, one should select a Chinese controlled satellite with C/Ku waveband. 4 construction models of satellite communication, such as building primary station, central station, remote station and renting a primary station, are proposed and compared technically and economically. An example of satellite communication construction for electric power grid is presented.

Key words: VSAT(very small aperture terminal); satellite communication; electric power communication; emergency communication

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