

海南电网台风期间运行方式研究

庞 准¹, 李邦峰¹, 俞 悦¹, 李 献¹, 吴小辰², 赵 勇², 俞秋阳², 李 鹏²

1. 海南电网公司, 海南省 海口市 570203; 2. 南方电网技术研究中心, 广东省 广州市 510623

收稿日期 修回日期 网络版发布日期 接受日期

摘要

通过分析掌握登陆和影响海南的热带气旋及其对海南电网的影响规律, 并充分借鉴浙江、福建等电网在防台风预案方面的经验, 确定了海南电网台风期间运行方式安排的原则; 针对不同台风强度、不同登陆路径、不同登陆时段, 编制了多套台风等严重自然灾害来袭前电网的运行方式并进行了分析研究, 以适应不同运行情况的需要; 提出了台风袭击过程中调度调整原则和电网事故的处理原则, 指导台风等自然灾害袭击过程中的调度跟踪调整和事故处理, 使防台风调度动态化; 同时对台风期间的有关问题提出了建议和要求。

关键词 [海南电网; 台风; 热带气旋; 运行方式](#)

分类号 [TM711](#)

Study on Operating Modes of Hainan Power Grid during Typhoon Periods

PANG Zhun¹, LI Bang-feng¹, YU Yue¹, LI Xian¹, WU Xiao-chen², ZHAO Yong², YU Qiu-yang², LI Peng²

1. Hainan Power Grid Corporation, Haikou 570203, Hainan Province, China;

2. China Southern Power Grid Technology Research Center, Guangzhou 510623, Guangdong Province, China

Abstract

By means of analyzing the law of tropical cyclones which land at Hainan Island and impact Hainan power grid as well as adequately drawing lessons from Zhejiang and Fujian power grids in respect of drafting predetermined plan to prevent the disaster of typhoon, principles of scheduling operating modes of Hainan power grid during typhoon periods are decided; according to different intensity of tropical cyclones, their landing positions and time intervals of landing, sets of operating modes of Hainan power grid against the attack of severe natural disasters such as typhoon and so on have been drafted to meet the requirement of different operation conditions; in order to make the dispatching dynamic during the prevention of disaster of typhoon, the principles for dispatching of Hainan power grid and accident treatment during the attack of typhoon are proposed to guide the tracking adjustment of dispatching and accident treatment during the hit of typhoon. In addition, some suggestions and requirements on the problems related to typhoon periods are put forward.

Key words [Hainan power grid; typhoon; tropical cyclone; operating modes](#)

DOI:

通讯作者

作者个人主页

庞 准¹; 李邦峰¹; 俞 悦¹; 李 献¹; 吴小辰²; 赵 勇²; 俞秋阳²; 李 鹏²

扩展功能

本文信息

- ▶ [Supporting info](#)
- ▶ [PDF \(211KB\)](#)
- ▶ [\[HTML全文\]\(OKB\)](#)
- ▶ [参考文献\[PDF\]](#)
- ▶ [参考文献](#)

服务与反馈

- ▶ [把本文推荐给朋友](#)
- ▶ [加入我的书架](#)
- ▶ [加入引用管理器](#)
- ▶ [复制索引](#)
- ▶ [Email Alert](#)
- ▶ [文章反馈](#)
- ▶ [浏览反馈信息](#)

相关信息

- ▶ [本刊中包含“海南电网; 台风; 热带气旋; 运行方式”的相关文章](#)
- ▶ 本文作者相关文章

- [庞 准](#)
- [李邦峰](#)
- [俞 悦](#)
- [李 献](#)
- [吴小辰](#)
- [赵 勇](#)
- [俞秋阳](#)
- [李 鹏](#)