



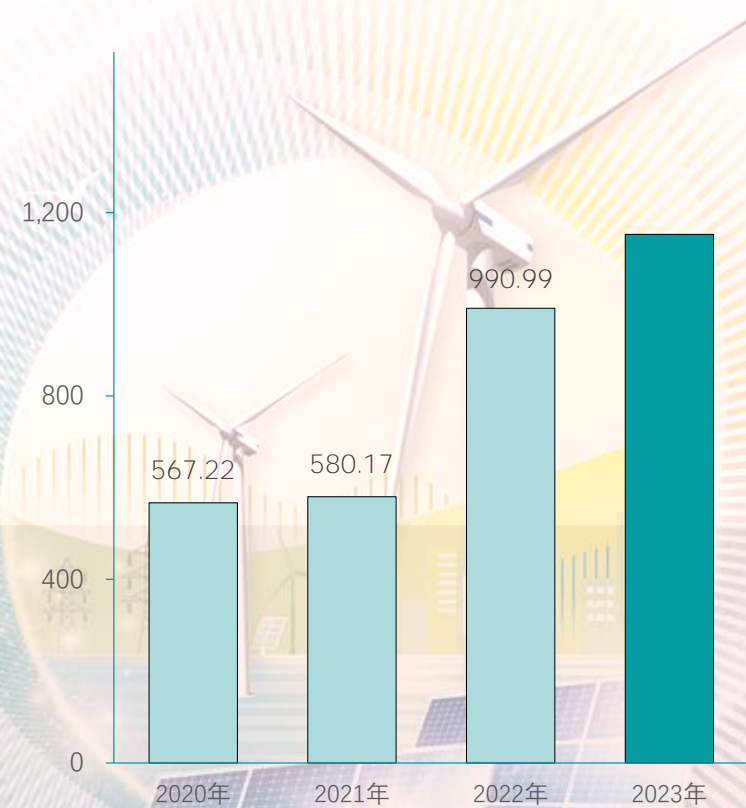
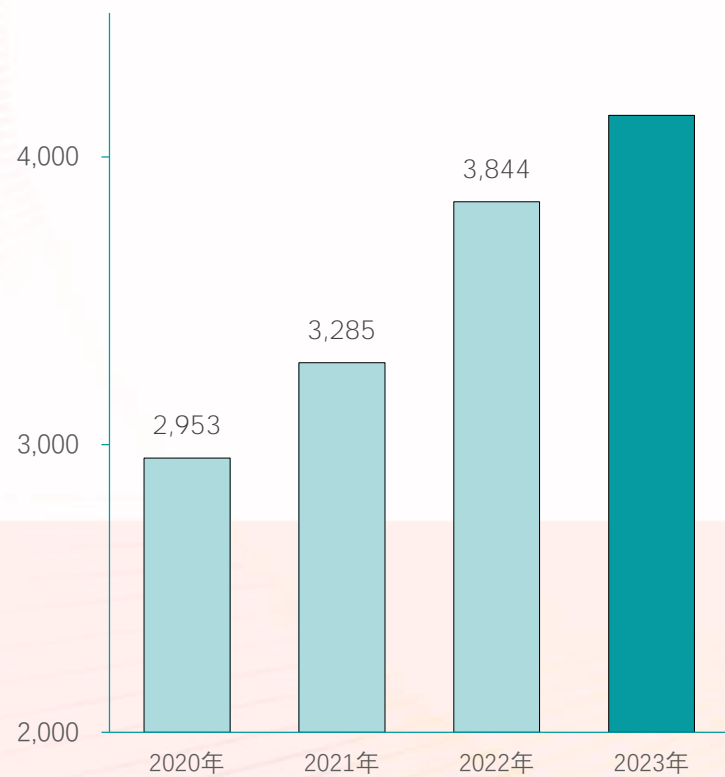
**ANNUAL BUSINESS
PERFORMANCE**

**ANNUAL FINANCIAL
PERFORMANCE**

**FUTURE BUSINESS
PROSPECTS**



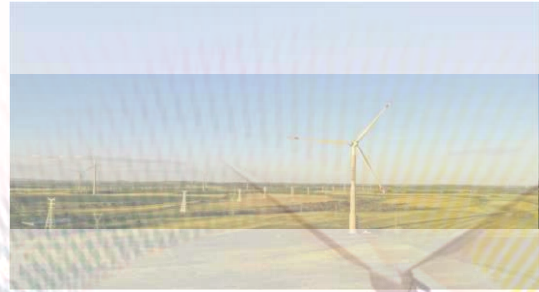
绩



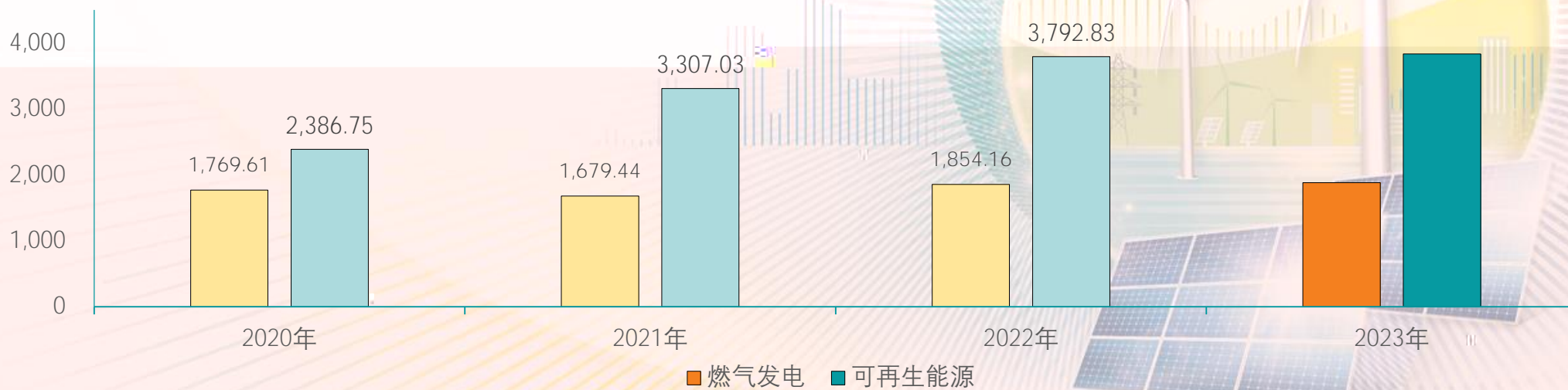
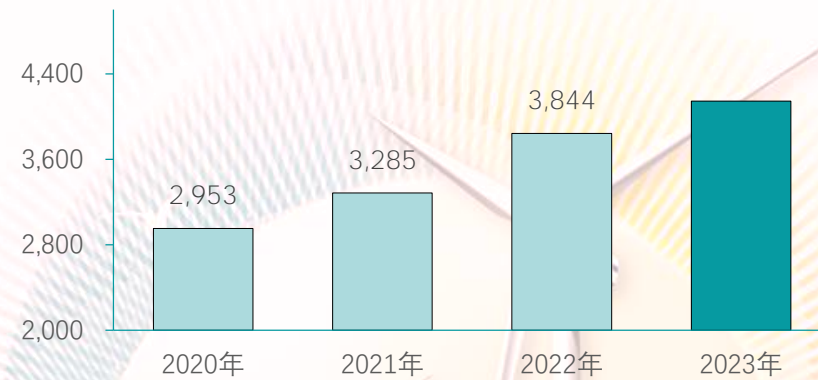
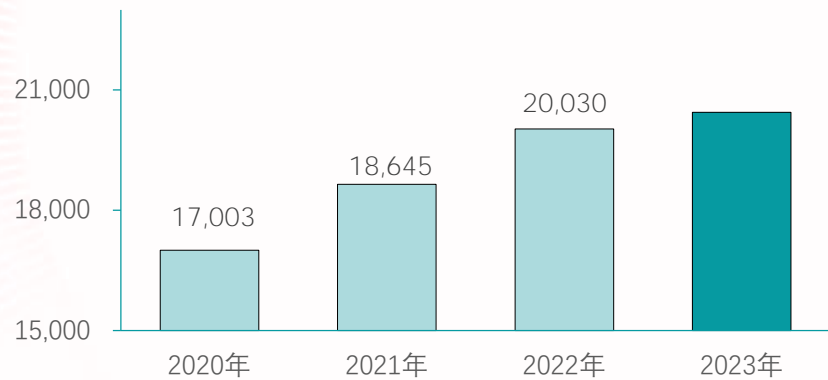


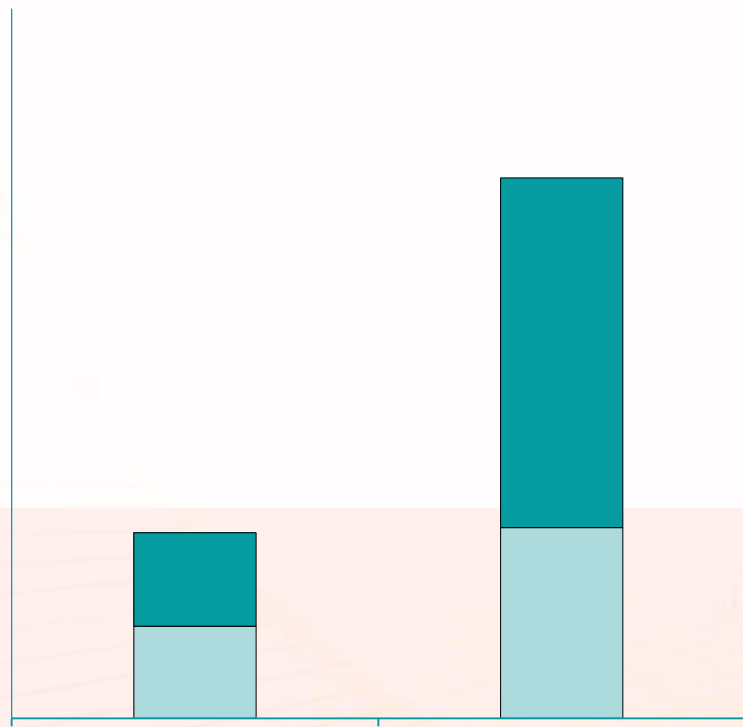
**ANNUAL BUSINESS
PERFORMANCE**



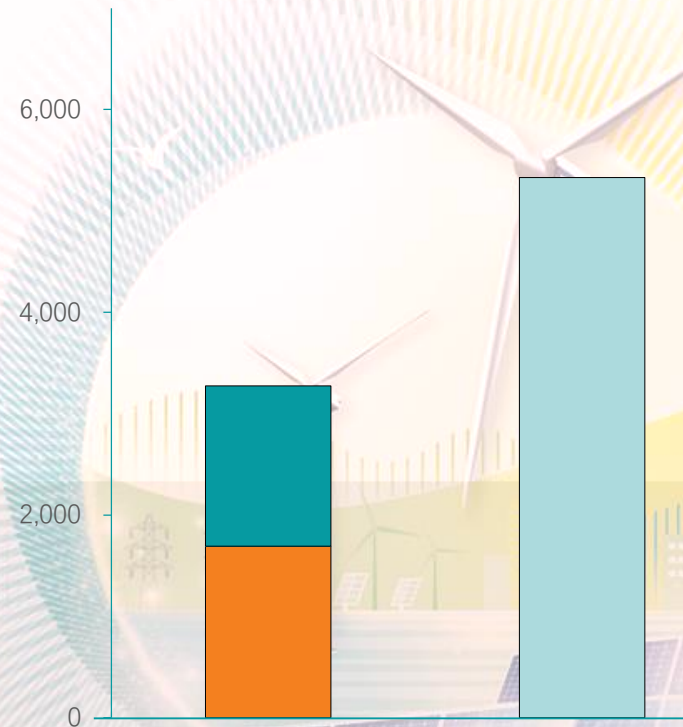


谢



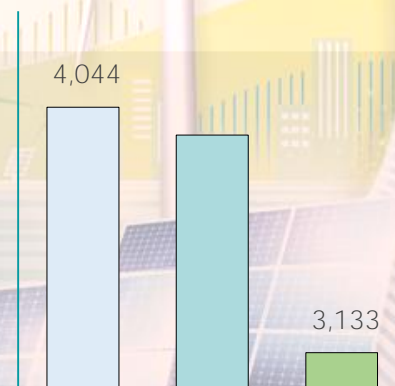
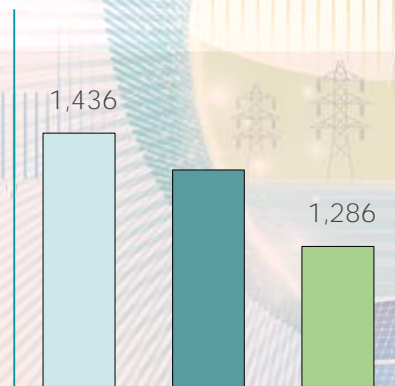
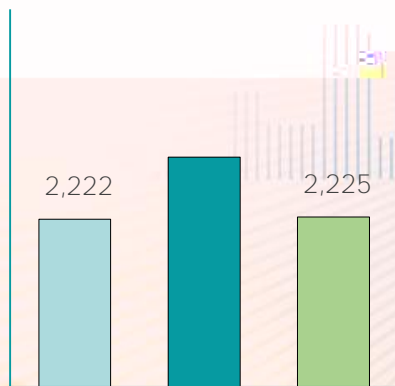
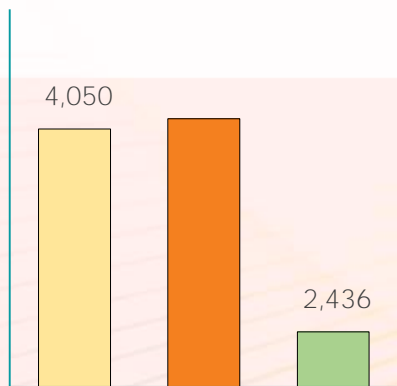
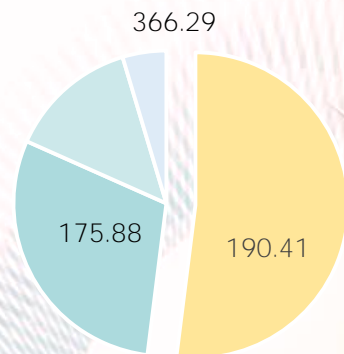
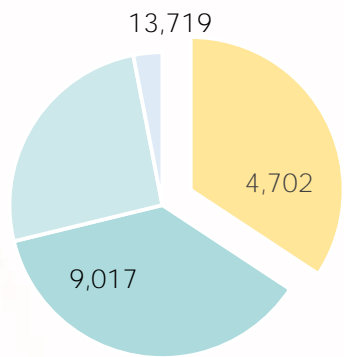


□ 风电 ■ 光伏



■ 试运营 ■ 在建 □ 已备案

谢



谢

1

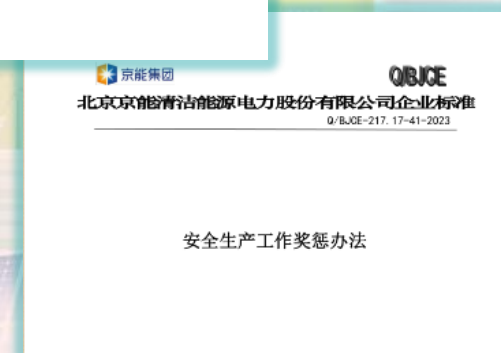
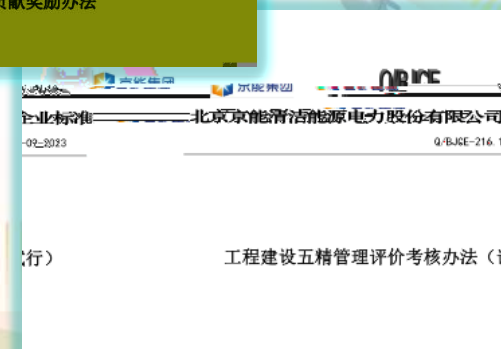
2

3

4

5

6



谢

科学技术成果鉴定证书

中电联鉴字[2023]第 421 号

成果名称：清洁能源智慧监管中心



中电联鉴字[2023]第 421 号

《清洁能源智慧监管中心》项目由国网能源研究院有限公司牵头，联合多家单位共同研发。该中心旨在提升清洁能源的监管效率和智能化水平，实现清洁能源的实时监控、预警和调度。项目成果包括：1. 构建了统一的清洁能源监管平台，实现了数据的集中管理和共享；2. 开发了先进的算法模型，提高了异常检测和故障诊断的准确性；3. 建立了完善的预警机制，有效防范了清洁能源的安全风险；4. 优化了调度策略，提升了清洁能源的消纳能力。该项目的实施，对于推动清洁能源的智能化发展，保障电网安全稳定运行具有重要意义。

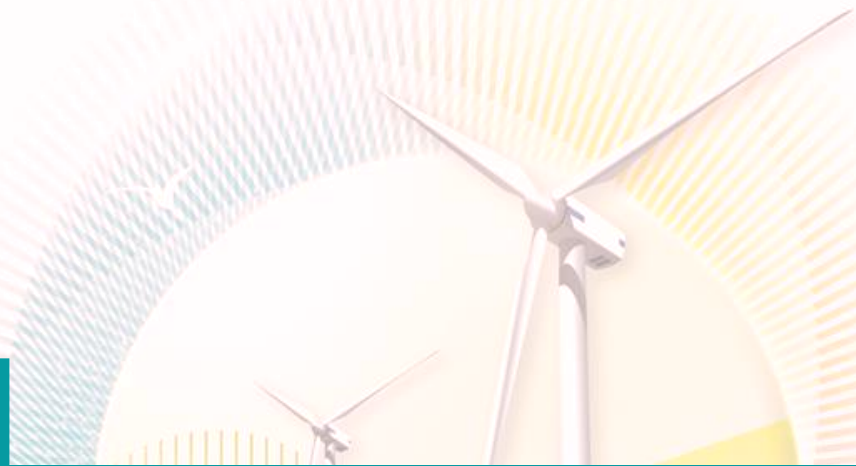
鉴定日期：2023.11.15

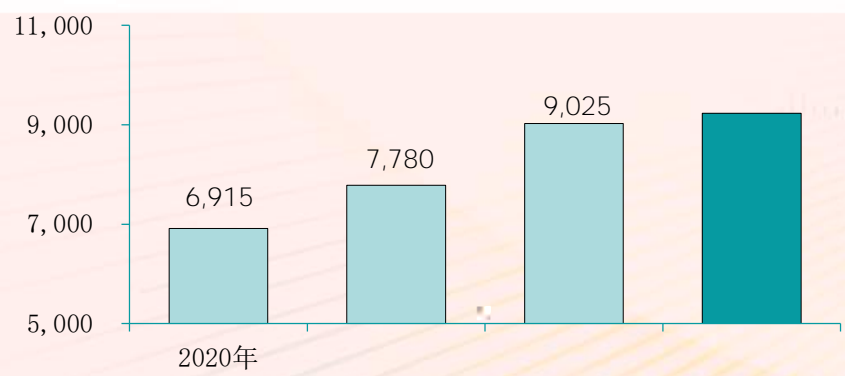
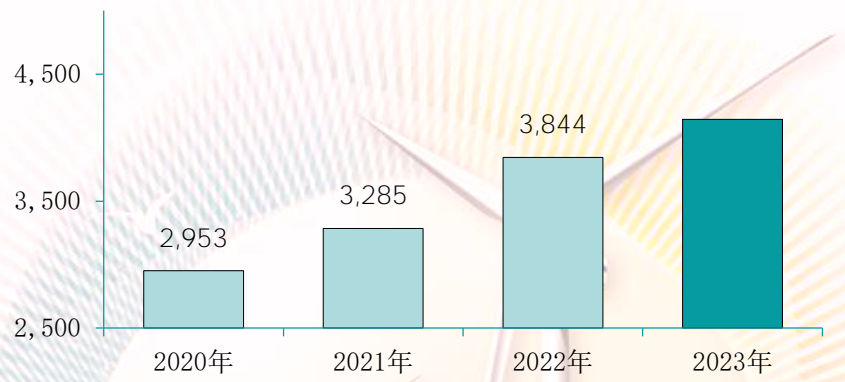
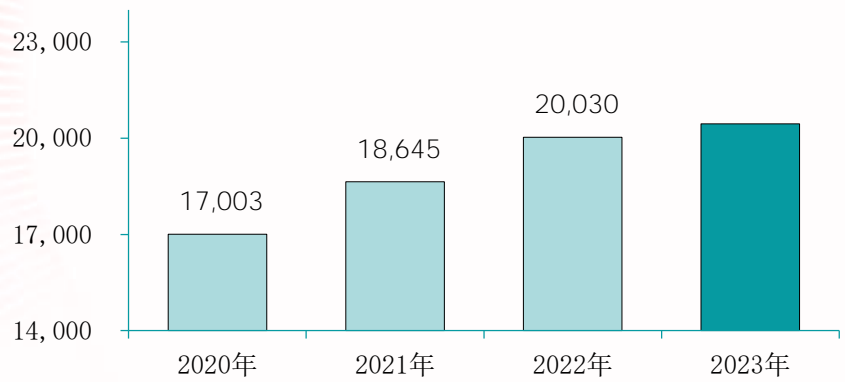




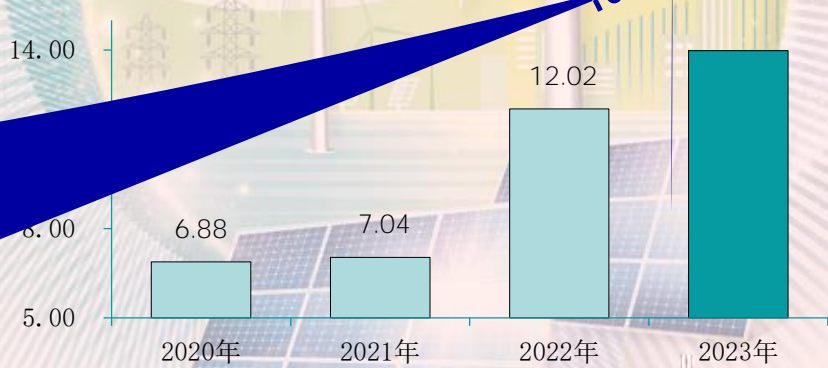
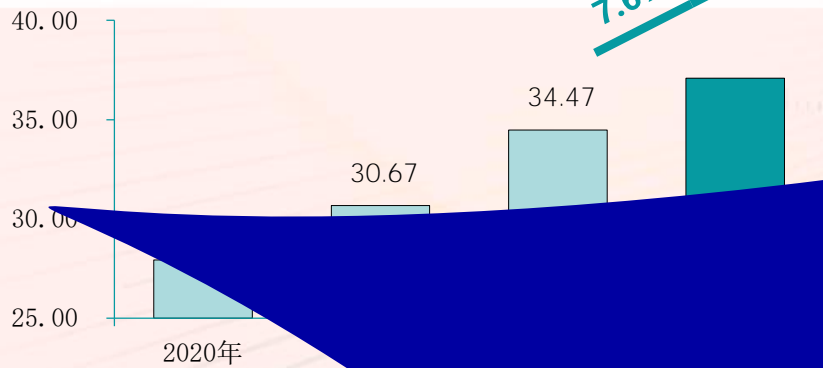
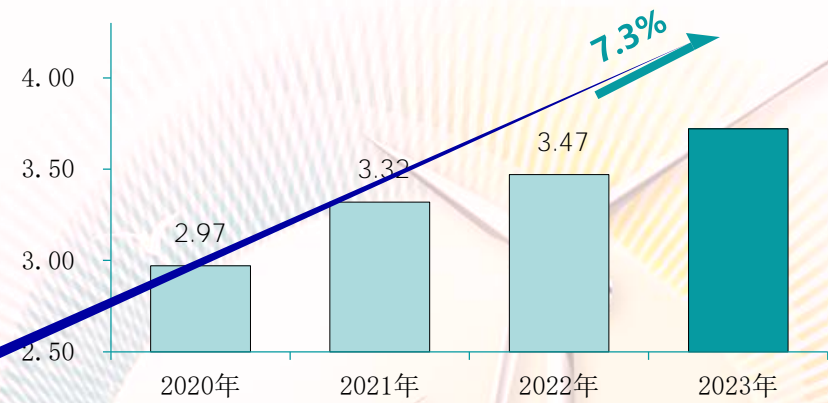
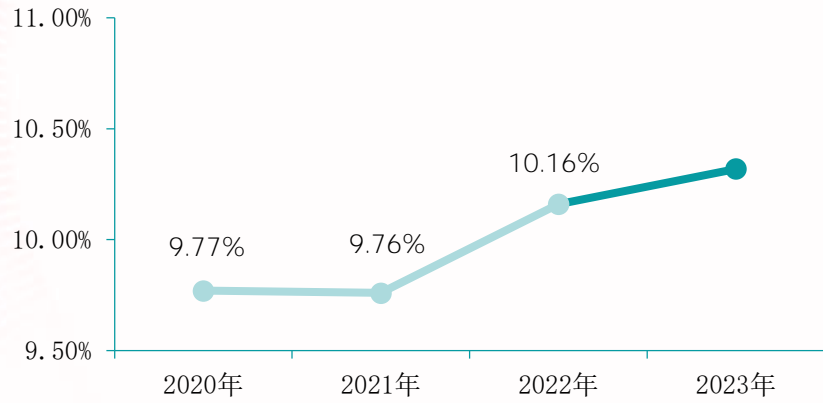


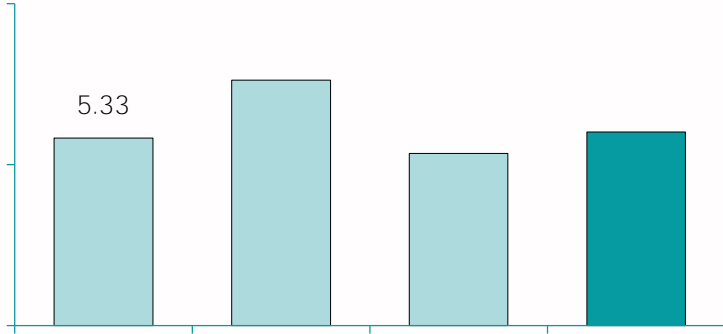
**ANNUAL FINANCIAL
PERFORMANCE**





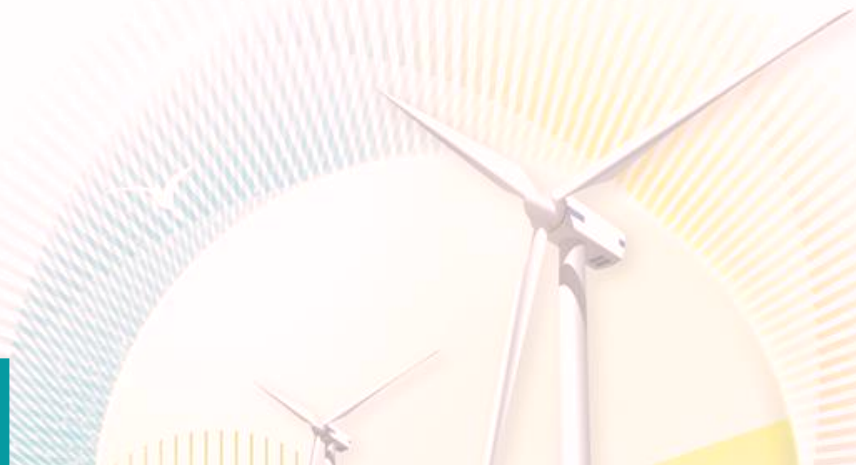
部







FUTURE BUSINESS PROSPECTS







Q&A



