



We connect the Producer with the Consumer

Hitachi Energy - Grid Integration

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Our system solution portfolio



Substations

- AIS substations
- GIS substations
- Digital substations
- Hybrid and mobile solutions



Power Generation Connections

- Solar plants
- Wind plants
- Traditional power plants



Power Quality (FACTS)

- Fixed Series Compensators
- Thyristor Controlled Series Capacitors
- Static Var Compensators
- Static Frequency Convertors



Power Transmission (HVDC)

- Grid interconnectors
- Offshore wind connections
- City infeeds
- Power from shore
- Remote loads and generators



Power Supply

- Rail
- eMotion
- Ports and ships
- Datacenters
- Industrial sites



Power Consulting

- Feasibility and system impact studies
- Business model impact, economic analysis and project justification
- Analysis of upgrade vs. replacement strategies
- Transmission capability and utilization analysis
- Asset life-cycle assessment and management

- Grid modernization planning and investment
- Rail and transportation studies
- Digitalization, Analytics and Cybersecurity consulting
- Smart cities planning
- E-mobility Infrastructure Planning & Integration