

DATA CENTERS

# Data center solutions from substation to server rack

## Colocations, Hyperscales and Enterprise

**Low voltage power distribution**

- [LV switchgear](#)
- [LV switchboards](#)
- [Electronic relays and controls](#)
- [LV Power and lighting panels](#)
- [Smart metering and monitoring](#)
- [Busway](#)
- [Arc flash protection](#)
- [Low voltage breakers](#)
- [Low voltage switches](#)

**Critical power**

- [Uninterruptable power supplies \(UPS\)](#)
- [Static transfer switches \(STS\)](#)
- [Automatic transfer switches \(ATS\)](#)

**White space electrical solutions**

- [Power distribution units \(PDUs\)](#)
- [Remote power panels \(RPPs\)](#)

**Installation products**

- [Compression and mechanical connectors](#)
- [Grounding and bonding systems](#)
- [1. Cable and wire management](#)
- [2. Cable and wire management](#)
- [Flexible conduit and fittings/ rigid fittings](#)
- [Metal framing](#)
- [Cable tray](#)

**Cooling system components**

- [Variable frequency drives](#)
- [High efficiency motors](#)
- [PLC automation](#)

**ABB Ability™ Digital Data Center Operations**

- [Data center automation](#)
- [DCA edge solution](#)
- [Electrical power management system](#)
- [Energy and asset management](#)
- [Smart building solutions](#)
- [Building automation](#)
- [Condition monitoring](#)

**Medium voltage distribution**

- [Air insulated MV switchgear](#)
- [Gas insulated MV switchgear](#)
- [Protection relays](#)
- [Control systems](#)
- [Paralleling switchgear \(PSG\)](#)

**Service and support**

- Installation and commissioning
- Consulting services (engineering studies)
- Retrofits and upgrades
- Digital upgrades
- Ehouse design
- Project management

**Other capabilities**

- EV charging
- Transformers
- Skid solutions

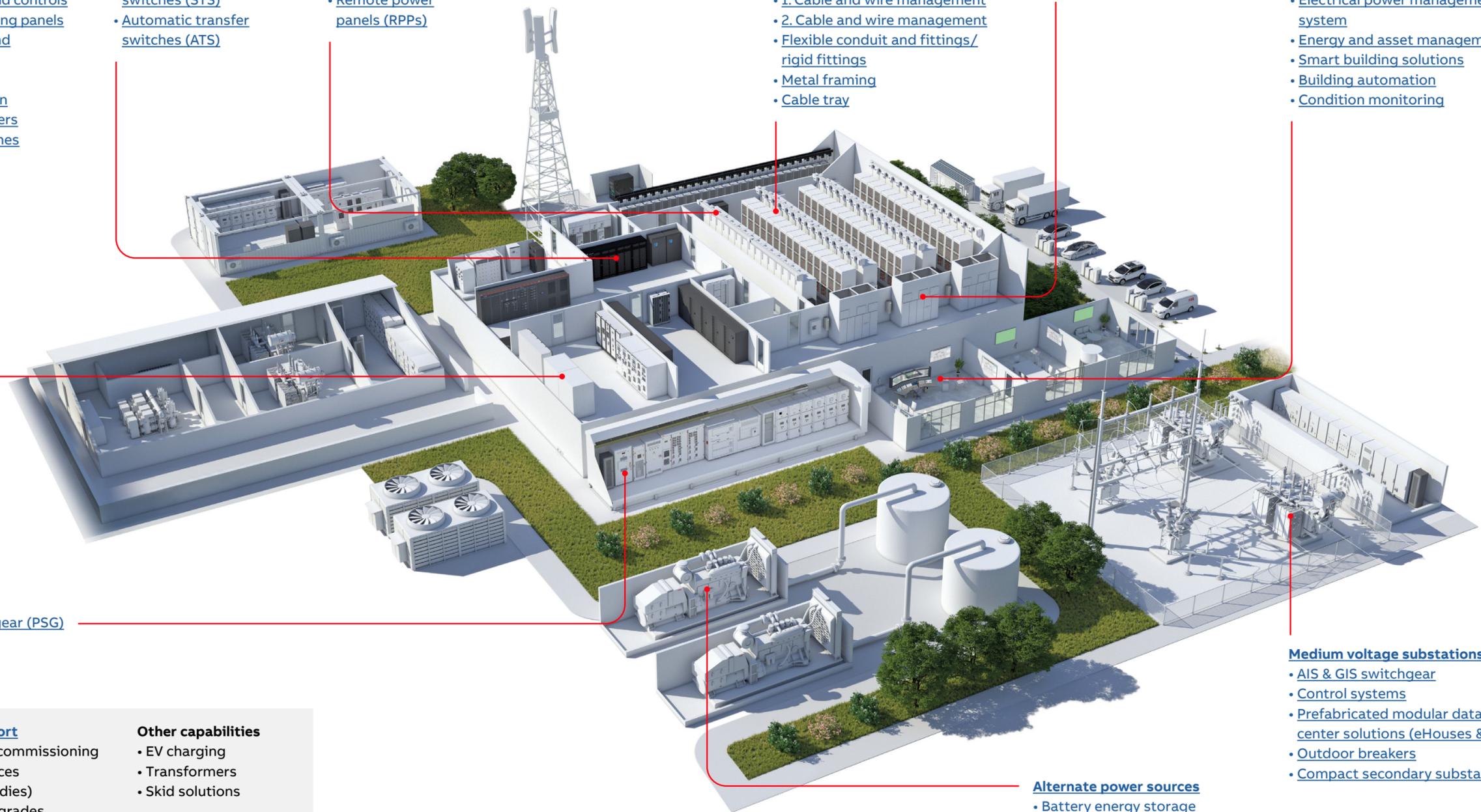
**Alternate power sources**

- [Battery energy storage systems \(BESS\)](#)
- [Fuel cells](#)
- [Microgrids](#)
- [Solar power solutions](#)
- [Wind power solutions](#)

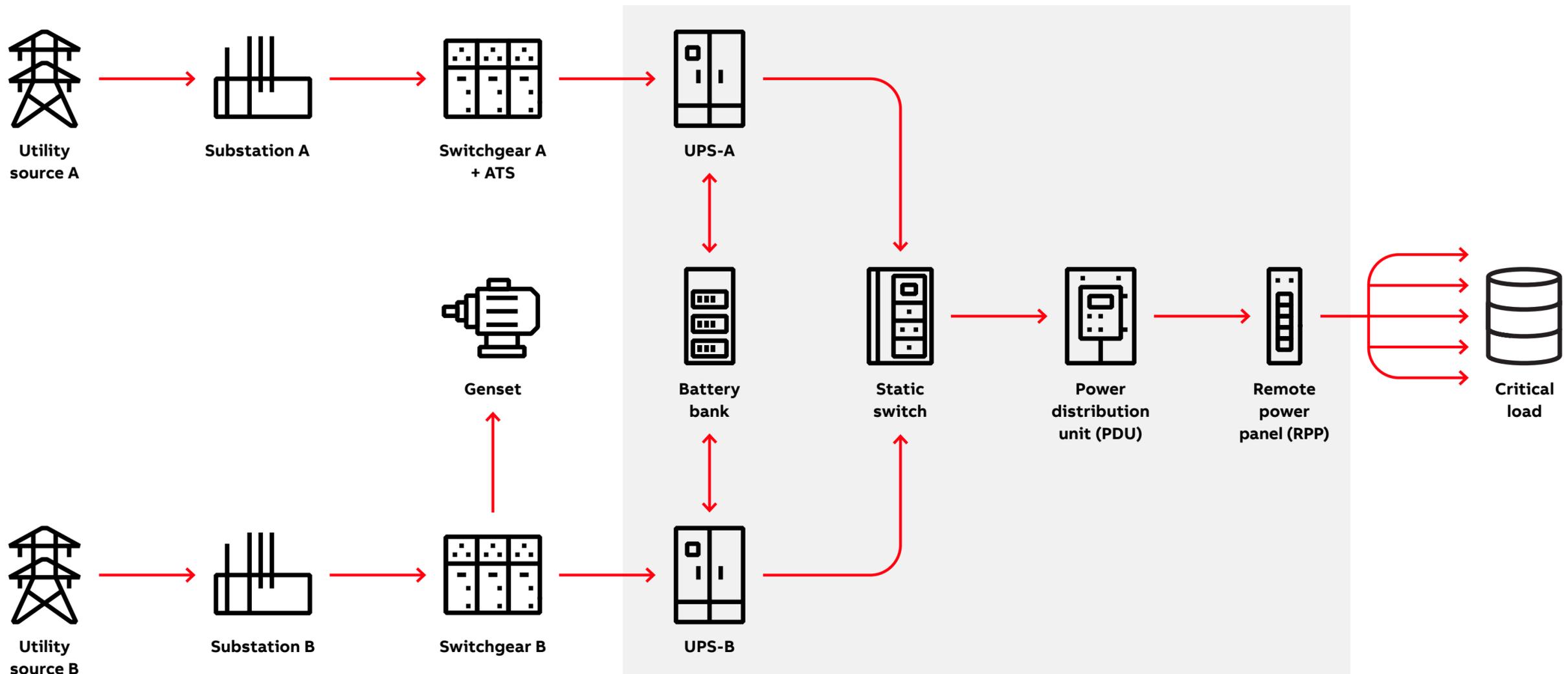
**Medium voltage substations**

- [AIS & GIS switchgear](#)
- [Control systems](#)
- [Prefabricated modular data center solutions \(eHouses & skids\)](#)
- [Outdoor breakers](#)
- [Compact secondary substation](#)

[Contact us](#)  
[Learn more](#)



# When downtime is not an option, count on a single solution provider



### Low voltage power distribution

- Up to 1000 V

### Medium voltage primary and secondary distribution

- Up to 40 KV

### Critical power

- LV: Up to 480 V
- MV: Up to 15 KV

### ABB Ability Digital Data Center Operations

- Shop floor to top floor integration ready

### White space electrical solutions

- 110 – 480 V

### Alternate power sources

- LV and MV renewable and microgrid compatible

### Installation products

- Full range portfolio

### Service and support

- LV and MV cradle to grave

### Cooling system components

- LV and MV full control line of products

[Contact us](#)  
[Learn more](#)