No transmission, no energy transition

BofA Grid Infrastructure Investment Outlook on September 13, 2023
Tim Holt, Member of the Executive Board of Siemens Energy and Executive Vice President Grid Technologies
To avert climate disaster and power a greener future, we need …

… 6 times more renewable generation by 2050.

… thereof >200 GW offshore wind additions only by 2030.

… and an electrical grid of more than 150 million km by 2050.
From autonomous national grids to digital integrated systems

How the grid of the future could look like

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We enable a reliable, sustainable and digital grid through a leading portfolio

Our grid technology portfolio

**Digital Grid**
- Grid Consulting
- IoT and Edge
- Grid Automation

**Grid Solutions**
- High-Voltage Direct Current (HVDC) – onshore & offshore
- Flexible AC Transmission System (FACTS)
- Substations – onshore & offshore
- Medium-Voltage Direct Current (MVDC)

**Products**
- Power and Distribution Transformers
- Bushings, Instrument Transformers & Coils
- Renewables & Traction
- Switchgears
- Product bundles and systems

**Storage**
- Battery storage system for grid stabilization and special applications

**Service**
- Product services
- Modernization and upgrades
- Long-term service concepts and grid integration

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Grid Technologies: Strong improvement across all KPIs
Q3 FY23

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<thead>
<tr>
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<th>FY21</th>
<th>FY22</th>
<th>FY23 Q3 YTD</th>
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</thead>
<tbody>
<tr>
<td>Orders (in €bn)</td>
<td>7.3</td>
<td>10.4</td>
<td>13.5</td>
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<tr>
<td>Revenue (in €bn)</td>
<td>5.8</td>
<td>6.3</td>
<td>5.2</td>
</tr>
<tr>
<td>Profit before SI (in €m)</td>
<td>365</td>
<td>227</td>
<td>383</td>
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1 Prior year figures are presented on a comparable basis

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Questions & Answers