

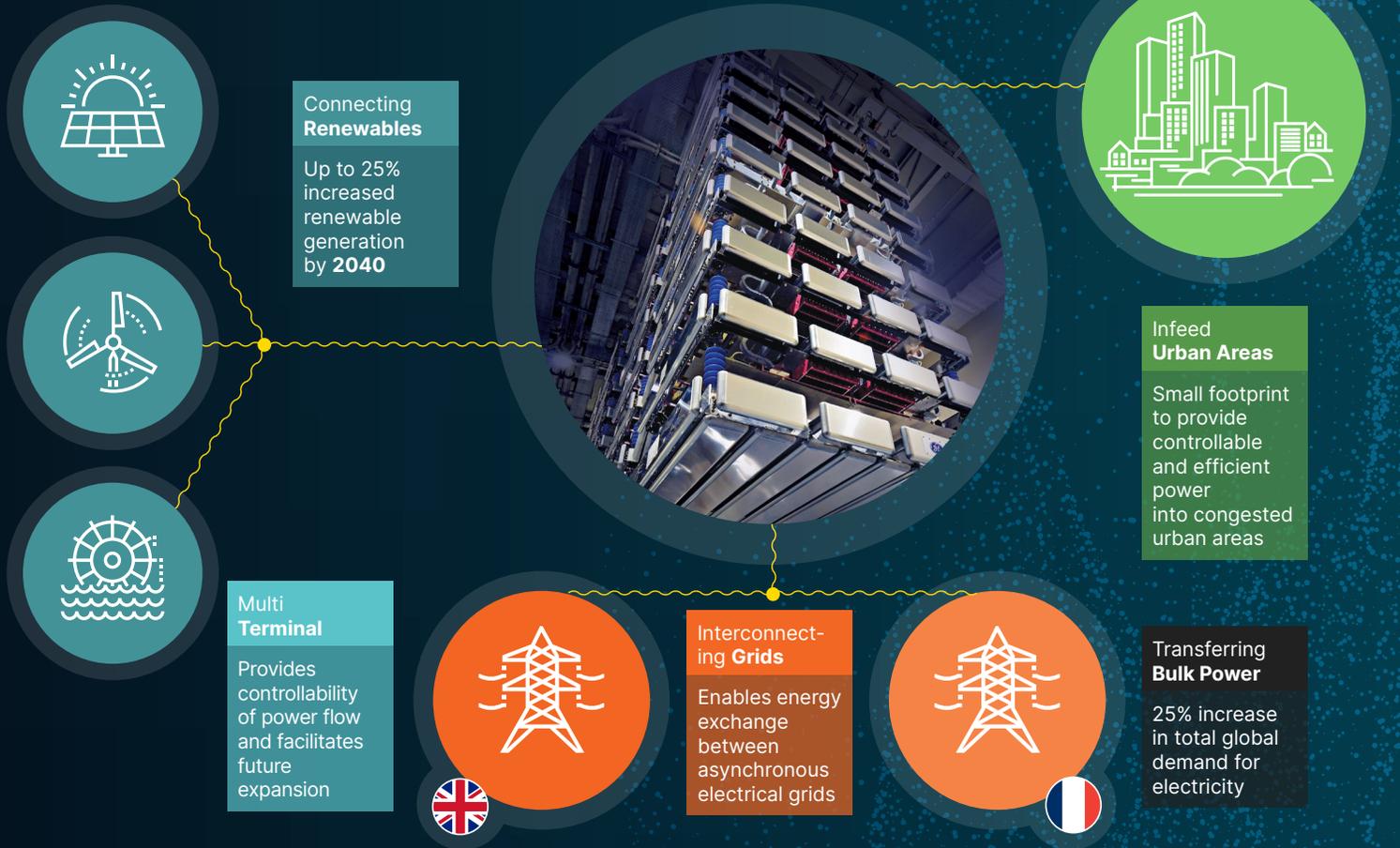


GE VERNOVA

GE VERNOVA REVOLUTIONIZES HIGH VOLTAGE DIRECT CURRENT CONTROLS

Introducing eLumina™, GE Vernova's New Advanced Digital Control System

HVDC APPLICATIONS



UTILIZING NEARLY 60 YEARS OF HVDC EXPERTISE

Cutting Edge Computing Technology Combined With Standardized Application Software Delivers Key Customer Outcomes



FIRST HVDC CONTROL SYSTEM TO IMPLEMENT A HOMOGENEOUS IEC61850 CONTROL, PROTECTION AND MEASUREMENT SYSTEM, ENABLING THE ADVANCED HVDC DIGITAL SUBSTATION OF THE FUTURE, TODAY.

Digital Substation Benefits:

REDUCED CAPEX

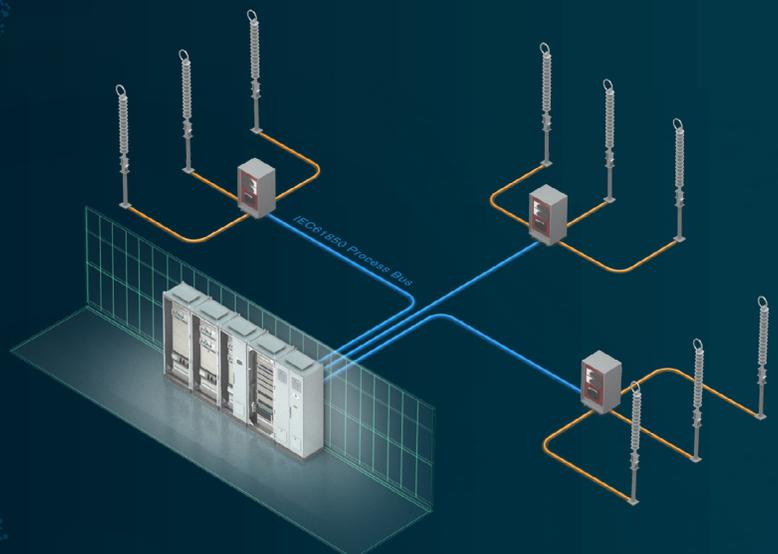
- ✓ ~30% quicker installation
- ✓ Over 80% copper cable reduction
- ✓ ~30 tons less material to transport

REDUCED OPEX

- ✓ ~50% reduction in outage time
- ✓ Reduced maintenance
- ✓ Maximized asset utilization

IMPROVED SAFETY

- ✓ Fiber optic communications
- ✓ Minimal wired connections
- ✓ Cyber Secure



For more information, visit the [Grid Solutions website](#).