



Contel Group – End-to-End Solutions for High-Voltage Transformation Station

Contel Group is a leading provider of end-to-end electrical, control, cyber security, and analytical systems for power production facilities. With decades of experience and a proven track record in large-scale energy projects across Israel, we offer turnkey solutions tailored to meet the highest regulatory and technical standards

A. Electrical Systems & Infrastructure

- Engineering and construction of HV/MV switchyards
- Supply and installation of HV GIS/AIS switchgear
- Supply of MV switchgears and protection relays
- Design and installation of power and control cables, trays, and terminations
- Supply and integration of power transformers (HV/MV)
- Installation of auxiliary systems: earthing, lighting, and emergency power
- Full infrastructure works for electrical, instrumentation, and control systems

B. Cybersecurity & IT Infrastructure

- Network and topology design for HV/MV stations
- Regulatory-compliant Cyber Master Plan development
- Procurement, installation, configuration, and hardening of devices
- Site Acceptance Testing (SAT) with regulators
- Full documentation and certification package
- 3-year support with license and update management

C. Monitoring & Analytical Systems

- Real-time condition monitoring of HV/MV equipment
- Gas and partial discharge monitoring systems for transformers and switchgears
- Environmental monitoring and Data Acquisition & Handling Systems (DAHS)
- 3-year calibration and support services

D. SCADA & Automation Systems

- Detailed engineering and supply of SCADA/DCS infrastructure
- Safety Instrumented Systems (SIS) for critical protection functions
- Control panels, PLCs, and I/O systems
- Software development, FAT, SAT, and commissioning

Why Choose Contel?

- 60+ years of expertise in HV/MV infrastructure projects
- Proven success in Israel's largest energy installations
- In-house engineering, integration, and support teams
- Compliance with IEC, IEEE, and Israeli standards

Best regards,

Igor Koren

VP Sales & Business Development
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