Paris Session 2022



A Substation-focused Communication Network Management System

D2-Information System & Telecommunication

PS2_Q2.10- Oybersecurity techniques, technologies and applications for securing critical utilities assets

Question 2.10 What emerging cybersecutiry technologies are important for the future power grids?

Sever Sudakov, Australia



Zero-trust Architecture

- Network automation & visibility
- Hardware-based DPI
- OT IPS

Utility WAN **IIoT Platform** <u>:</u> **= ≟ ≟** DMZ Data Diode RBAC Certificate Remote Access Server Management **Network Security** Management Gateway Proxy / RTU GM 0 0000 **EWS** Station Bus Protocol Gateway Process Bus © CIGRE 2022

Group Discussion Meeting