



REVB - Villarodin - PEI Indoor 63kV HV substation

France

Businesses : Built / Building shell, Electrical

Type of contract : Design build



Energy infrastructures

Client Information



Client	Régie Electrique de Villarodin Bourget (REVB)
Project management	E&S Teknologiks
Partnership	Léon Grosse
Start date	2021
Delivery date	2022
Amount	> 3M €

Key figures

4

HV cells (2 Lines and 2 Transformers)

12

HV outgoing feeders

+300m²

of surface area by operating zone (HV, MV and LV)



Customer's challenges

- Reinforcing the HVB network in Haute Maurienne (Savoie)
- Ensuring power supply for the Euralpin Lyon-Turin Tunnel (TELT) worksite
- Secure operation of the local MV network



Our solutions

- Design, supply and construction of a 63/20kV building substation type PEI
- Design and implementation studies
- Superstructure, Roofing, Cladding, HV equipment, HV transformer
- HV grids, HV reams, Tertiary and UA Electricity, Digital Controls



Customer's benefits

- Visual integration of the building into its surroundings
- Protection against climatic risks
- Limited floor area
- Improving and securing site operations



CSR commitment

- Involvement of local companies and players throughout the project
- Economic benefits for the local board
- Waste management based on 5-stream principles