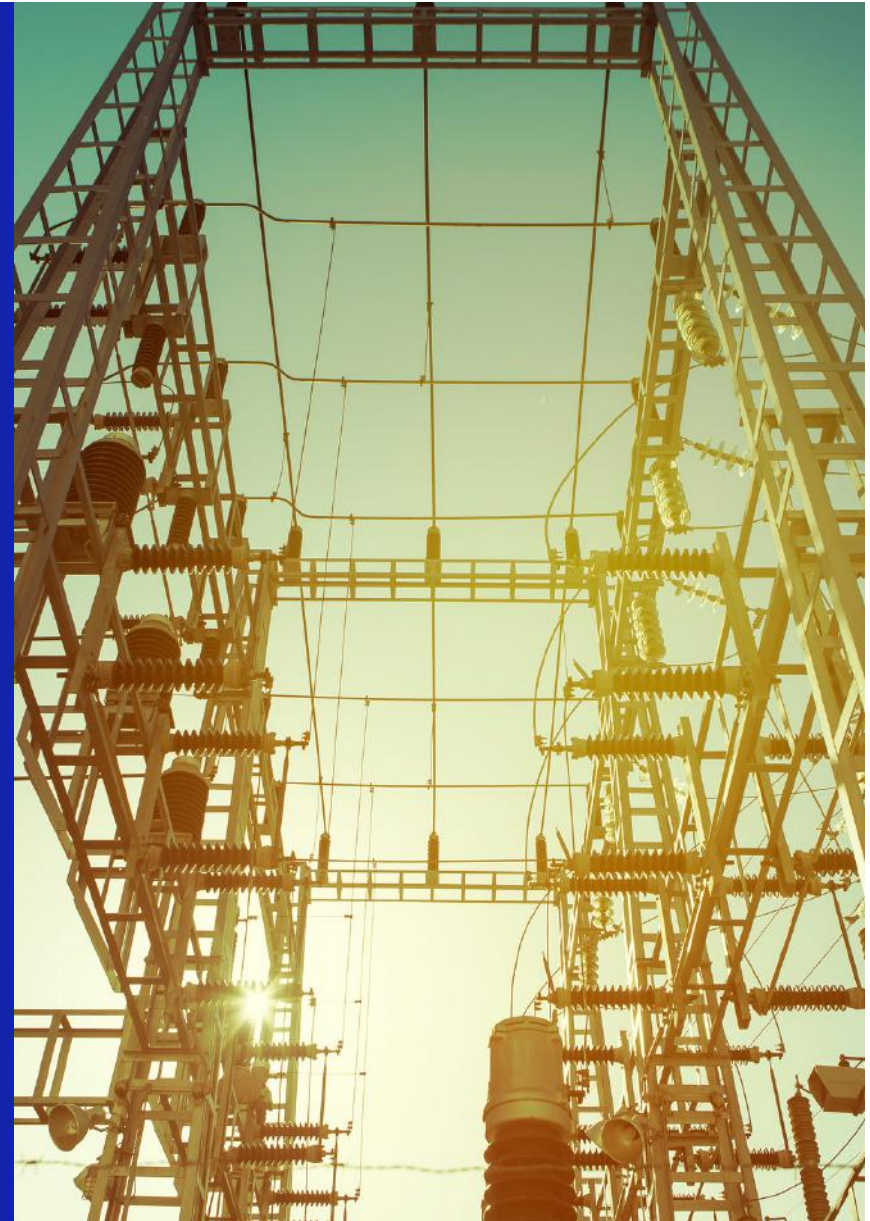


JULY 2025



**TRACTEDIS DELIVERS EXPERT ELECTRICAL  
ENGINEERING SOLUTIONS FROM DESIGN TO  
COMMISSIONING**



# Our Organization

TRACTEDIS exist since 2018, located near Paris in France.

We are a team of 17 Engineers expert in electrical engineering from design studies to construction supervision.

## TRANSPORTS

Electric traction

Lighting

Traction simulations

Low-voltage distribution

Testing and measurements

Commissioning



## CO-FOUNDERS

## POWER GRID

HV/MV substations

Overhead and underground lines

High-voltage network protection

Testing, measurements, and commissioning

Control & monitoring

Industrial maintenance



## **RAIL TRANSPORT SUBWAY**

Electric traction systems

RER, TGV, Tram, and Metro  
networks

Traction simulations & railway  
safety

Substation design and HV/LV  
distribution

Testing, commissioning, and  
energy control

## **INDUSTRIAL LIGHTING & PUBLIC MOBILITY**

Urban and tunnel lighting  
installations

EV charging station  
(EVSE/EBCE)

Energy efficiency and smart  
mobility

## **ELECTRIC POWER TRANSPORT**

HV/MV substations (20 kV to  
400 kV)

Overhead & underground  
electrical links

SCADA & remote control  
systems

Industrial maintenance &  
protection studies





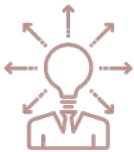


# Projects



## RTE - High Voltage Substations

- Engineering & Works Supervision
- Creation/Extension of HV substations
- Northern & Eastern France
- Expertise in HV/LV substations and control systems



## SNCF – Villeneuve Doremain

- Maintenance hub for RER D and Line R trains
- Advanced level studies & external control of Traction Power systems
- Suburb of Paris
- 2018-2027 | €685M | 700,000 daily passengers
- Biggest french maintenance hub



## ONCF - High Speed Train Morocco

- Studies for traction power systems
- Long-distance electrification infrastructure
- Morocco
- National strategic railway project

## TELT– Lyon–Turin Euralpine Tunnel

- Trans-Alpine rail link, bi-national promoter TELT (France/Italy)
- Construction of twin 57.5 km base tunnel (world's longest), 12 sites across both countries | more than 80 substations MV
- First TBM “Viviana” launched April 1, 2025 on French side (Saint-Martin-la-Porte → La Praz)
- Part of 270 km line; aims to shift freight from road to rail, decarbonize Alpine transport

# Projects



## SNCF – EOLE RER E Extension

- 55 km extension from Haussmann-Saint-Lazare to Mantes-la-Jolie (8 km tunnel + 47 km renovated lines)
- Execution-level studies, testing, power traction systems and substations, tunnel feeders
- 2016–2024 – first segment Haussmann to Nanterre-La Folie (service launched mid-2024), full service to Mantes-la-Jolie by 2027



## SNCF – LNPCA AZUR +

- Engineering design of Power Traction systems
- Regional railway modernization
- Marseille (FR) to Ventimiglia (IT) line
- Multi-voltage system integration with complex technical interfaces
- Detailed design and strategic though

## LISEA – Maintenance Facility

- Maintenance hub for high-speed, regional, and freight trains
- Detailed design-phase
- Traction Power design: power supply, sectioning layout, internal substation
- Near Bordeaux
- 2022–2027 | 16 trains | 6 tracks | 4 switchable 1500 VDC/25 kVAC | 4,800 kW load

## SGP– L16 & L17 Subway

- Traction simulations
- Testing & operational documentation
- 10 traction substations (4–5 MW) / 12 stations / 1 Maintenance Center
- Commissioning 2024–2027
- 1500 VDC with tight operation timing and critical interfaces



# Why Tractedis ?

Full project lifecycle support from design to on-site commissioning



## Multi-sector expertise across

- Rail
- Utilities
- Industry



## Deep technical capability

- HV/MV design
- Traction power
- Control-command



## Proven collaboration







Whether you're powering a railway facilities, designing an EV charging hub, or modernizing a power grid network

Tractedis delivers tailored, safe, and efficient electrical engineering

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<http://www.tractedis.com/en>

