

ELECTRICAL TRANSMISSION SYSTEM OPERATOR

DESCRIPTION

Electrical transmission system operators transport energy in the form of electrical power. They transmit electrical power from generation plants over an interconnected network, an electrical grid, to electricity distribution stations.

REGULATORY ASPECT

To see if and how this occupation is regulated in EU Member States, EEA countries or Switzerland please consult the Regulated Professions Database of the Commission. Regulated Professions Database:

http://ec.europa.eu/growth/single-market/services/free-movement-professionals/qualifications-recognition_en



TECHNICAL SKILLS

ESSENTIALS

- ✓ adapt energy distribution schedules
- ✓ adapt energy distribution schedules
- ✓ develop strategies for electricity contingencies

READ MORE +

OPTIONALS

- ✓ advise on safety improvements
- ✓ analyse energy market trends
- ✓ assess areas for power line installation

READ MORE +

KNOWLEDGE

ESSENTIALS

- ✓ electric current
- ✓ electric current
- ✓ electricity

READ MORE +

OPTIONALS

- ✓ electrical discharge
- ✓ electricity consumption

READ MORE +

SOFT SKILLS



ADAPTABILITY

25%



DEPENDABILITY

25%



PROBLEM SOLVING

75%



TEAM WORK

75%



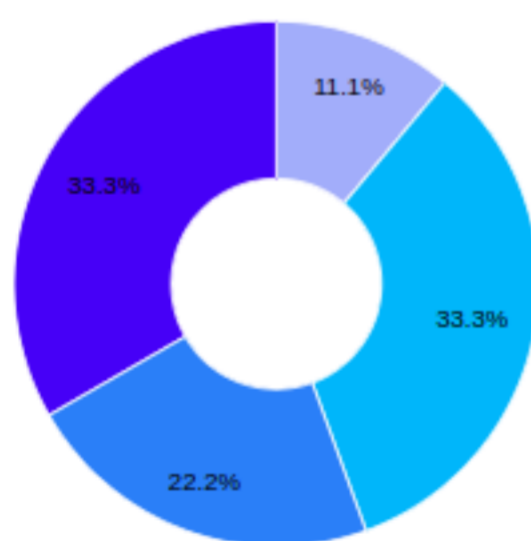
TIME MANAGEMENT

75%



WORK ETHIC

75%



- Social and linguistic skills
- Digital Skills
- Communication skills
- Organisation/Management skills

ALTERNATIVE LABEL

- ✓ electric powerline system worker
- ✓ electricity transmission system technicia
- ✓ electricity power line system worker
- ✓ electricity transmission system worker

LEARNINGS

-  UTBM – Energy Engineer
-  Bachelor in Civil Engineering
-  Bachelor in Electrical Engineering
-  Bachelor in Environmental and Land Engineering
-  Electrical operator – VET
-  Master in Environmental and Land Engineering
-  Electrical Transmission System Operator