Rosenberg Consulting ApS

CV, Henrik Rosenberg

2025-08-29

Name/ Title:	Henrik Rosenberg, CEO, Electrical Engineering Specialist
Nationality, Date of Birth:	Danish, 1956, January 30th
Education:	BSc, Electrical Engineering, DTU, Denmark 1977-1981
Year of employment:	2020
Previous employment:	2019-2020 COWI Consulting Engineers, Lyngby, Denmark
	1982-2019 Balslev Consulting Engineers, Rødovre/Glostrup, Denmark
Specialization:	HVDC Power Transmission
	ac & dc stray currents
	Traction return currents
	Electromagnetic influence from power lines
	Sea/Earth electrodes for HVDC
	Electric safety measures
	Cathodic Protection
	Lightning Protection
Other skills:	Standardization
	Education/courses
Related tasks:	External examiner at DTU and AUC, Denmark
Language skills:	Danish – Mother tongue, English – Excellent,
	Norwegian, Swedish, German - Very good

Selected references

1987-	HVDC Sea-Return, Environmental and safety issues Clients in: Scandinavia, UK, Europe, Australia, Canada
2024-2025	Investigation of Electric Influence, external. Viking Link, Revsing Converter Station Client: Energinet.dk
2022-	External examiner for the 2022–2026 term Censorsekretariatet, DTU 2800 Kgs. Lyngby
2021-2025	NEIU, presenting EMC and Traction Current papers/lectures at the annual seminar for Nordic Railway staff at Knudshoved, Denmark Client: Banedanmark
2021-2025	E-field issues related to 25 kV traction power catenaries Client: Banedanmark
2017-2022	Development of simulation tools for traction current load and fault scenarios for S-bane (commuter trains) in Copenhagen Client: Banedanmark
2021	Optimizing return current control at Copenhagen Central Station, dc as well as ac (Electric safety project) Client: Banedanmark
2017-2019	DC traction, stray current interference, Pre-investigation of DC-interference from tram-line, L3, Copenhagen and relocation of buried pipelines Client: Evida/HMN, Denmark
1999-2019	Offshore Wind Power Plants, Power Cable and Sub Station related issues Clients: DONG, ENBW, Vattenfall, Vestas
2003–2015	Banedanmark Standards (Banenormer) for dc-return current installations Client: Banedanmark
1990 -	Troubleshooting, S-bane Copenhagen, stray current issues on secondary structures/installations as well as Banedanmark structures/installations Clients: Banedanmark, Power utilities, Pipeline owners/operators
1982 -	Design of ac interference mitigation on secondary structures influenced electromagnetically by power transmission. Clients: Energinet (DONG) and Evida (HNG)