



Curriculum vitae

Personal information

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| NAME | Peter Hartelius Vinter |
| ADDRESS | Vintoften 28, 2630 Taastrup, Denmark |
| PHONE | +45 5320 3360 |
| E-MAIL | phv@eltas.dk |
| LINKEDIN, PERSONAL | https://dk.linkedin.com/in/peter-hartelius-vinter-10069b57 |
| LINKEDIN, COMPANY | https://www.linkedin.com/company/10523477/ |
| NATIONALITY | Danish |
| DATE OF BIRTH | 29.05.1968 |
| CIVIL STATUS | Married; 3 sons aged 11, 20 and 23 years |
| SUMMARY | 25+ years of solid experience within planning, simulation, design, commissioning, operation and fault investigation in electrical power generation, renewables, transmission substation and distribution systems. |
| EDUCATION | Electrical Power Engineer, Technical University of Denmark, Master of Science in Electrical Engineering (M.Sc. E.E.), 1992 |
| COURSES | 2018: SAFEe for Teams - 2 day course in Scaled Agile Framework for Enterprises 2016: BCP NEPLAN - 2 day course in NEPLAN360: Electrical Loadflow and Short-circuit calculations, Selectivity Analysis, Dynamic Grid Studies & models. 2013: Praktikon - 2 day course on coaching 2010: DONG Energy Project Management Academy / Implement: - "Managing and leading the project's stakeholders" 2000 - 2002: Engineering College of Copenhagen (part of EBA): - "Managerial Economics" - "Management Accounting" - "Organization, Strategy and Management" - "Communication Skills" - "Marketing Management" |

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Experiences

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| DATE | April 2016 - present |
| EMPLOYER | ELTAS ApS |
| POSITION | Consulting Senior Electrical Engineer and owner |
| JOB DESCRIPTION | <ul style="list-style-type: none">- Assisting our customers in power system and substation planning, design and operation.- Specialized in substation design, relay protection and renewables integration- Focus on making the power supply system greener, more efficient and more reliable. |
| PROJECTS | <p>For various Customers:</p> <ul style="list-style-type: none">- Relay Protection studies and settings for lines and substations- Short-Circuit study and Transient Stability study for 4 power plants- Specification of MV switchgear for power plant- Evaluation of substation earthing system practice- Design, stability and reliability verification of a 49 MW and a 4 MW island microgrid with hybrid generation and battery storage- Train project team in hybrid power systems design & simulations- Technical and economical evaluation of 4 SCADA/ADMS products- Technical assistance setting up a SCADA contract with supplier- Design and specification of a SCADA / RTU solution for a Virtual Power Plant- Set up of RDS-PP numbering system for off-shore wind farm- Evaluation of relay protection scheme for 2 off-shore wind farms |
| CUSTOMERS | <p>SEV (Faroe Islands' Power generation and distribution company) TREFOR EI-net (Power distribution company) Siemens Denmark Energinet (Denmark's Transmission and System Operator) BWSC (Power Plant EPC Company) DONG Energy / Ørsted Harteværket (Danish Hydro Power Plant)</p> |

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| DATE | January 2014 - March 2016 |
| EMPLOYER | P.A.P |
| POSITION | Consulting Engineer |
| PROJECTS | At P.A.P I, among other things, worked with: <ul style="list-style-type: none">- Evaluation and negotiation of SCADA / ADMS offer- Optimization of active / reactive power generation, island system- Settings for 11.7 MW wind farm Controller- Take-over inspection of 11.7 MW wind farm- Specification, FAT and integration test of 2.3 MW battery system- Protection design for MV and HV grids- Transformer selection for railway supply- Fault analysis in MV and HV substations and grids |
| DATE | Mar 2009 - Dec 2013 |
| EMPLOYER | DONG Energy Power / Customers & Markets |
| POSITION | Lead Energy System Architect / Senior Electrical Engineer |
| PROJECTS | Power Hub Virtual Power Plant Co-designer and Assistant Project Manager for: <ul style="list-style-type: none">- Development of remote control and supervision solution for production and storage assets, and controllable loads- Responsible for grid integration with the power system operators |
| DATE | Jan 2007 - Feb 2009 |
| EMPLOYER | DONG Energy Sales & Distribution |
| POSITION | Power Grid Specialist |
| PROJECTS | Specification, development and implementation of: <ul style="list-style-type: none">- New SCADA / Distribution Management System- Distribution Automation concept, "DISCOS"- System for improvement of distribution grid planning, "SmartPIT" |
| DATE | Jan 2003 - dec 2006 |
| EMPLOYER | NESA A/S |
| POSITION | Grid Planning Engineer |
| PROJECTS | Specification, development and implementation of new automation and control solutions for improved reliability and efficiency of DONG Energy's MV and LV distribution system |

DATE Dec 2000 - dec 2002
EMPLOYER NESAS A/S
POSITION Section Manager; Substation and Grid operation
JOB DESCRIPTION Responsible for operational issues, control, protection and fault analysis of 10-400 kV substations and grid

DATE Jul 1997 - nov 2000
EMPLOYER NESAS A/S
POSITION Operations Engineer
JOB DESCRIPTION Specification, testing and commissioning of transmission substations and lines, fault analysis, power quality analysis and various other operational issues.

DATE Jul 1995 - jun 1997
EMPLOYER Hansen & Henneberg, Consulting Engineers
POSITION M.Sc. E.E.
JOB DESCRIPTION Assistant Project Manager for electrical installation projects at Copenhagen Airport Terminal 3

DATE Feb 1992 - Jun 1995
EMPLOYER DEFU (Danish Electric Utilities Research Association)
POSITION Power Engineer
JOB DESCRIPTION Research and development work on operation and planning of distribution grids, guidelines on SCADA technology, grid connection of renewables and power quality issues.

PERSONAL QUALIFICATIONS

- Solid theoretical foundation and practical experience within all aspects of power transmission, distribution and generation
- Focussed on the details - also in large amounts
- A natural communicator of complex technical issues
- Focussed on delivering value to my customers from day one
- Work equally well in teams as fully on my own

LANGUAGES

Danish: Native
English: Fluent
Swedish, Norwegian and German: Limited working proficiency