



Johan Gesterling
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Education

Electrical engineer Power System, 120p Mälardalens Högskola, Ludvika	1995 - 1998
Power Line repairman (Military Service) Vattenfall Electrotec, Åsbro	1994 - 1995
Technican, Power distribution 80p Mitthögskolan, Härnösand	1992 - 1994
Substation electrician Drift & Underhåll Eldistribution, Malmö	1991 - 1992

Work experience

VA Elkraft	2017 -
FRIMODUL Commissioning Engineer, 10-130kV	2011 - 2017
Statnett, BSK Control system project department, Substations 130-400kV, Static Var Compensators.	2009 - 2011
TRIFASICA AB Commissioning Engineer	2006 - 2009
Elektro Sandberg Commissioning Engineer	2005 - 2006
ABB Power Systems/Flexible AC Transmission Systems Commissioning Engineer, Static Var Compensators	2002 - 2005
ABB Service/Kraft Maintenance engineer P&C	2000 - 2002

ABB Switchgear
Electrical design engineer, Substations 130-400kV

1998 - 2000

Reactive Power compensation:

Retrofit of Verdal/Sylling/Röd SVC (Statnett, ongoing project)
Sogndal SVC 500MVA, (Statnett) Norway 2015
Sortland VSC, (Statnett) Norway 2015
Musselwhite 2xSVC U, Canada 2013.
Nemiscau SVC, HQ Canada FAT P&C system
Zaragoza MSSR, Spain 2013.
Silves SVC, 500MVA(Abengoa), Brazil 2012
Restart of BH-STEEL SVC, Bosnia 2012
Retrofit of Indian River SVC, USA 2012
Retrofit of NR SVC 320MVA(Statnett), Norway 2011
Retrofit of Kvandal SVC 320MVA(Statnett), Norway 2010
Viklandet SVC 500MVA(Statnett), Norway 2008
Tunnsjødal SVC 600MVA(Statnett), Norway 2008
HASLE Retrofit of TCR1 & TCR2(Statnett), Norway 2008
BELGO SVC(Arcelor Mittal), Brazil 2006
GSW SVC 145 MVA(Global Steel and Wire), Spain 2006.
Nervacero SVC 140 MVA(Arcelor), Spain 2006.
Carinox SVC 190 MVA, Belgien 2005.
Pie De la Cuesta SVC 200 MVA(CFE), Mexico 2005.
BH Steel 90 MVA(Mittal), Bosnia 2004.
NISCO SVC 90 MVA, China 2004.
Muhayil SVC 60 MVA(SCECO), Saudi Arabia 2004
Nevada Power McCullough Substation, USA 2003, Retrofit of series capacitor
Evron SVC Light(STATCOM) 16 MVA(RTE), France 2003
ICDAS SVC 180 MVA, Turkey 2003.
Cardiff SVC 250 MVA, USA 2003.
NNE3 500kV Series Capacitor project(Electronorte), Brazil 2002
Power quality filters(London Underground Limited), UK 2002
Kaptan SVC 120 MVA, Turkey, 2002

Substations projects:

Karlstad Östra Mottagnings station 130/10kV (EITECH/Karlstad Elnät/Ellevio)
Asarum 50/10kV(Caverion/EON), 2017
Söderåsen 130kV(Siemens(ELTEL)/EON), 2016
Moheda/Ryd (EITECH/EON), 2016
Rosersberg ICT 20/10kV 70 feeders(Siemens/Ericsson)
Linköping ICT 10kV 25 feeders(Siemens/Ericsson)
Glomma 130/10kV (Linjemontage/EON)
Varsvik 70/30kV windpower connection(Siemens).
Björkhöjden 130/33kV 250MW wind power connection(ELTEL/Statkraft).

Gideobacka 130/40kV(Linjemontage/Vattenfall)

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Kville 130/22kV(Siemens/Fortum) 2012

Jung 130/10kV(Siemens/Vattenfall) 2012

Färlev utbyggnad 130kV(Linjemontage/Vattenfall) 2011

Såheim Hydropower G1/G2/G3/10kV Substation 2011 (HYRDO, Rjukan Norway)

Saurdal 420kV Reactor(Statnett), Norway 2011

Älvsjö Static Frequency Converter(AREVA T&D/Banverket), 2007

Färlev 130/40kV(AREVA T&D/Vattenfall), Munkedal 2007

Orrby(ITG Electro/Fortum), Grums 2005.

Ställverk 05, (ITG Electro/Sandvik AB), Sandviken 2005.

Acailandia NNE3 500kV substation(Electro Norte) 2002

Maintenance testing(Protection).

EON, SvK, FORTUM, ABB Transformers, Avesta Polarit.

Retrofit Projects(Protection & Control).

Trench Coil regulator, Iggesund (Linjemontage) 2015

P&C Vågåmo 300/132/66kV(Statnett) 2010-2011

Line protection, new CT/VT:s Bålsta(Elektro Sandberg/EON) 2009

Line protection 10/20kV lines. Botkyrka 2007, (AREVA, Vattenfall)

Feeder protection 10kV, Långshyttan 2000/2001(ABB Service, Avesta)