



## Baltic Power OSS 230kV / HV-GIS

Installation ELK14/300 GIS with HV-Cable connection

### Project Description

- Transport, lifting, alignment and installation of 2 bays ELK14/300 (SF6 filled) on 2 different platforms
- Installation supervision and strong coordination skill required for units' assembly due to limited space and complex logistics



The Baltic Power Offshore Wind Project is a Polish Canadian joint venture building a ~1.2 GW wind farm with 76 turbines near Choczewo/Łeba, set to start in 2026, using offshore substations and 230 kV export cables to deliver power to shore.

### Role & Scope

- Create logistical plan of assembly due to no space
- Alignment of bays acc. to assembly drawings
- Assembly of steel structure and GIS assembly units
- SF6 gas handling (DIL0) and Gas handling documentation
- Cabling of GIS and Local Control Cabinet (LCC)
- Pre- commissioning of disconnecter- and earthing Switches
- On site test documentation hand over to client and commissioning team

### General Project Contribution

Due to our fast response, expertise and proactive approach, we successfully assisted the customer to his complete satisfaction.

### Highlights & Benefits

With deep expertise in HV GIS technology and strong coordination skills, INP specialists create real impact on site, providing valuable support to both the local team and the customer.

### Technical Component Details

- 2x ELK14/300 with HV Cable Connex, Voltage Transformers (VT), Current Transformers (CT), Surge Arrester (SA) delivered as combined disconnecter and fast acting earthing switches - including a service catwalk
- Density Monitoring and MSM system for long-term pressure control of each gas compartment

## REFERENCE



Customer: **HITACHI Energy / SEMCO Maritime**

Location: **Aalborg, Denmark**

Project Duration: **3 months**

Services: **Installation supervision**