

# Offshore High Voltage Substations

HSM Offshore successfully completed the following Offshore High Voltage Substations; Borssele Alpha and Beta are currently under construction:

- 2002 - 160 MW - Horns Rev A – Danish North Sea
- 2008 - 250 MW - Horns Rev B – Danish North Sea
- 2012 - 325 MW - Thornton Bank – Belgian North Sea
- 2016 - 400 MW - Horns Rev C – Danish North Sea
- 2018 - 450 MW - Borkum Riffgrund 2 - German North Sea
- 2019 - 700 MW - Borssele Alpha – Dutch North Sea
- 2020 - 700 MW - Borssele Beta – Dutch North Sea

- Detailed design
- Procurement
- Fabrication
- Transport & Installation
- Hook-up
- Commissioning



HSM Offshore yard



Horns Rev A - in operation



Horns Rev B - installation of topside



Borkum Riffgrund – installed



Rampion jacket – load-out



Thornton Bank - installed



Horns Rev C - load-out



Borssele – under construction