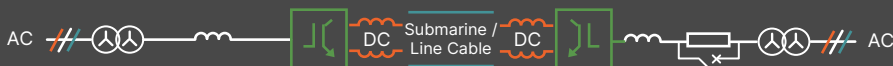
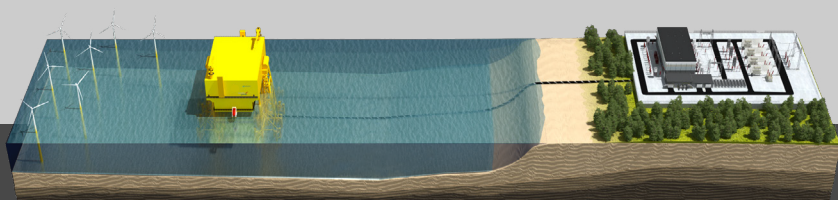


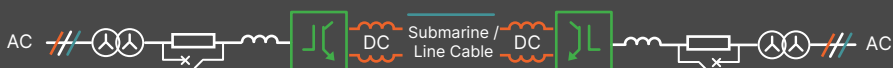
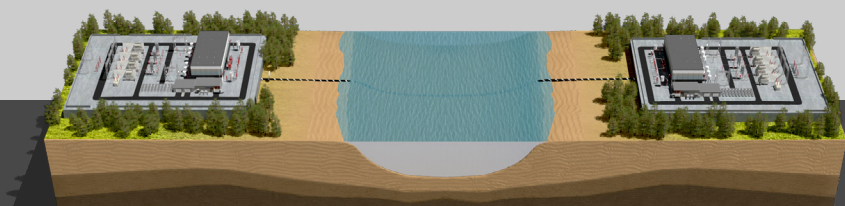
# VSC SCHEME TYPES

## Off-Shore



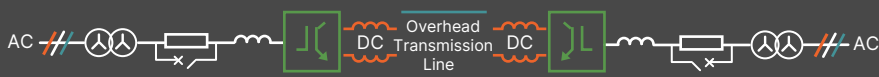
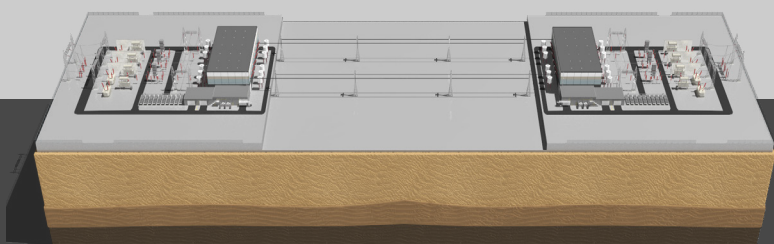
Offshore scheme provides bulk transmission from offshore wind farms to shore.

## Submarine/Land Cable



Where the power exchange or transmission crosses water, or an environmentally sensitive region, cables may be the favored method of interconnection between the HVDC Converter Stations. HVDC transmission is particularly attractive and may be the only technically feasible method of transmitting power using cables.

## Point-to-Point



Commonly used for bulk transfer of power applications utilizing overhead lines over long distances providing low cost, fully functional, reliable and environmentally friendly way to transmit power.

## Back-to-Back



Suitable for frequency changing and asynchronous connections. This scheme provides fast accurate power flow, limiting the spread of cascading faults and provides increased system flexibility and prevents the need to build a new generation network. Once interconnected, the two systems' daily and seasonal cost differences can also be optimized.

