

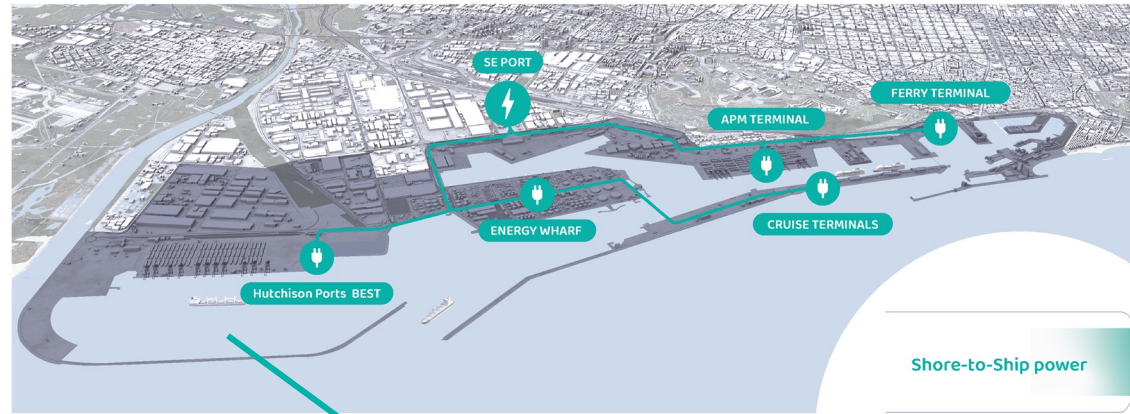


NEXIGEN A REALITY

NEXIGEN: a comprehensive plan to meet the future electricity vessel demand in the Port of Barcelona



Phase 0 : OPS in BEST container terminal





Phase 0 : OPS in BEST container terminal

Phase 0 : OPS in BEST container terminal



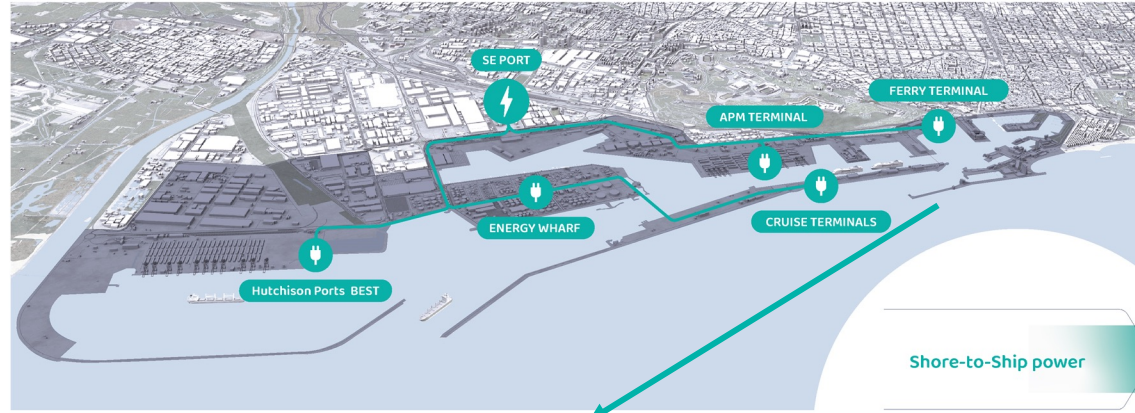


Phase 0 : OPS in BEST container terminal



Phase 0 : OPS in BEST container terminal





Phase 0 : OPS at Ferry terminal



Phase 0: OPS at Ferry terminal

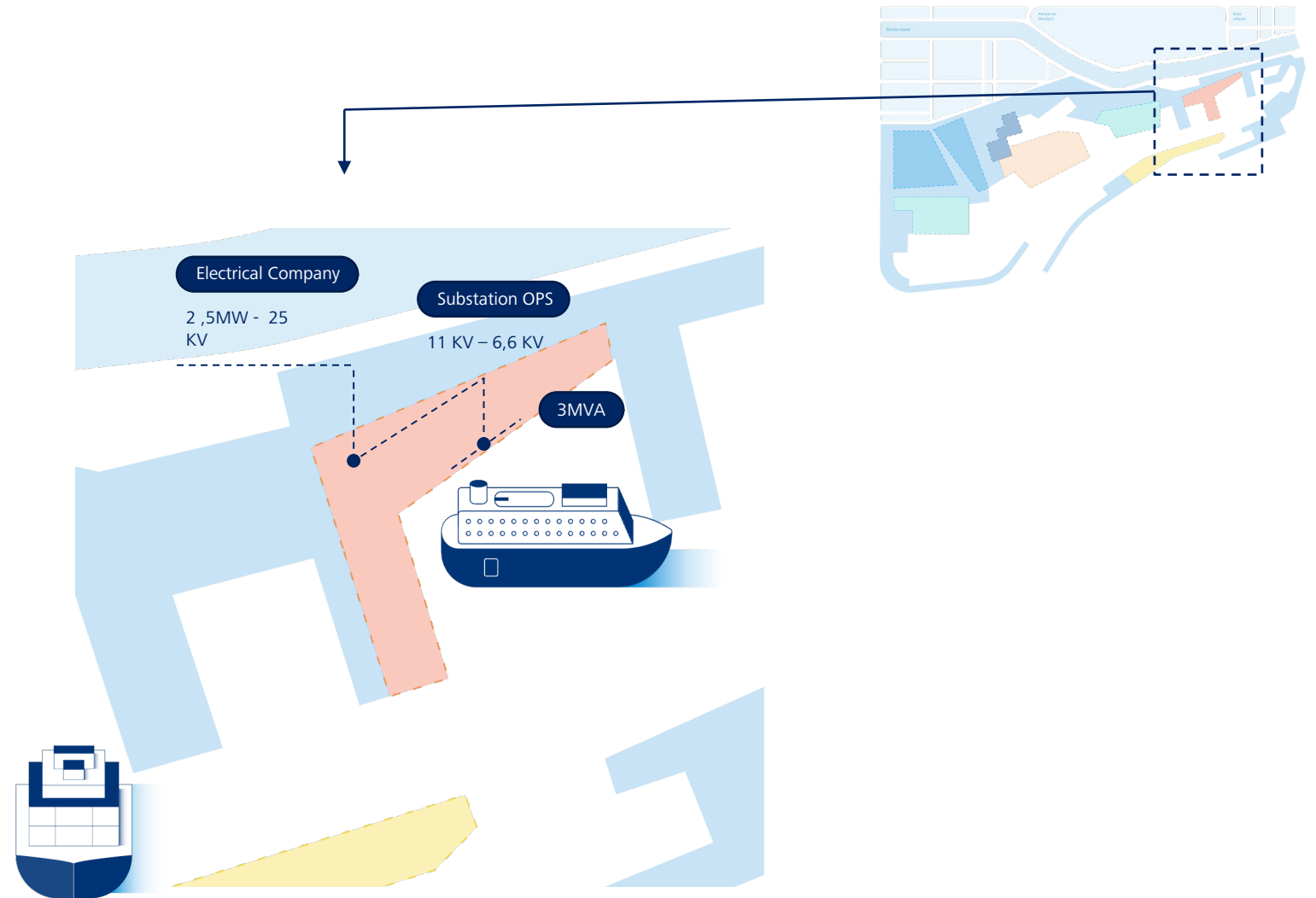
Status: under construction
(first connection 12.24)

Charging: 25 kV from supplier

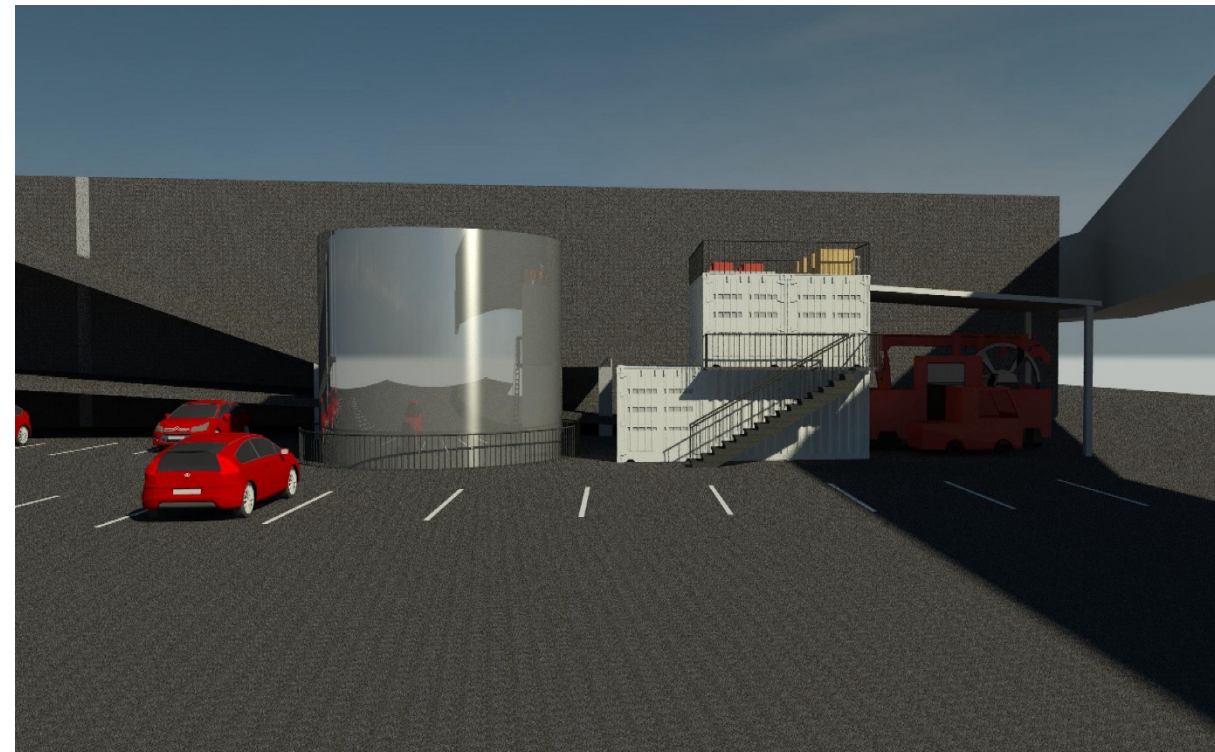
Simultaneity: 1 single vessel

Power: 2,5 MW from ENDESA
(utility)

OPS supply vessel: 11 kV (50
and 60 Hz)



Phase 0: OPS at Ferry terminal



Phase 0: OPS at Ferry terminal



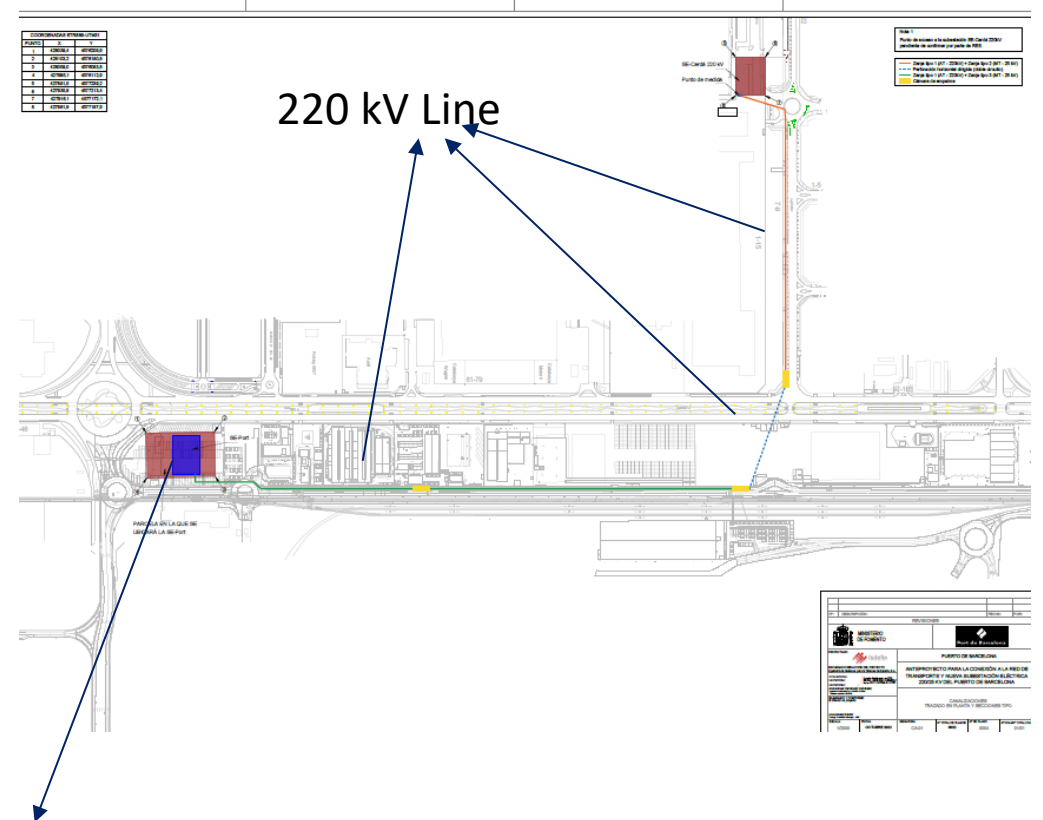
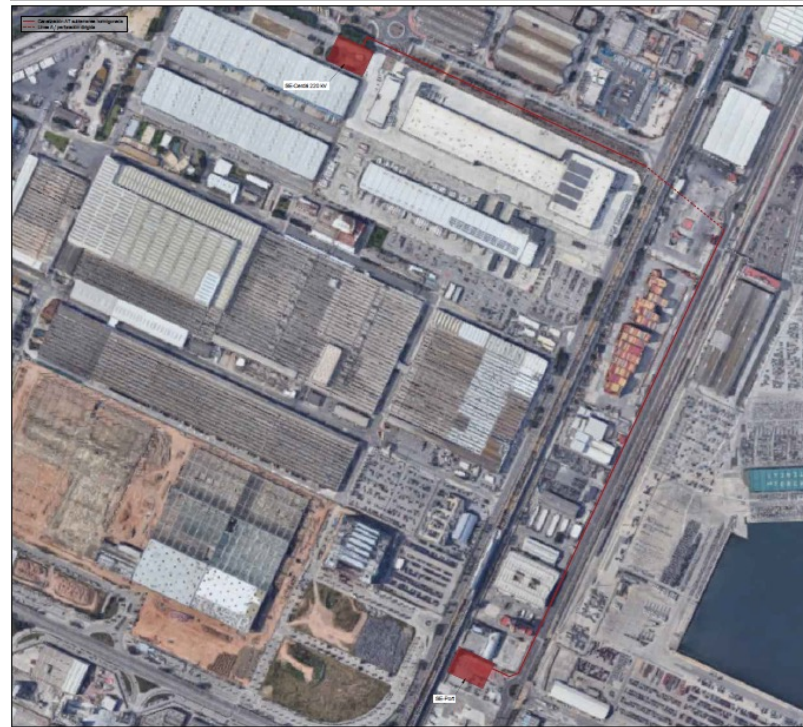
Phase 0: OPS at Ferry terminal



Phase 0: OPS at Ferry terminal



Phase 1: Port Substation and the high- voltage



Substation Port 220/25 kV