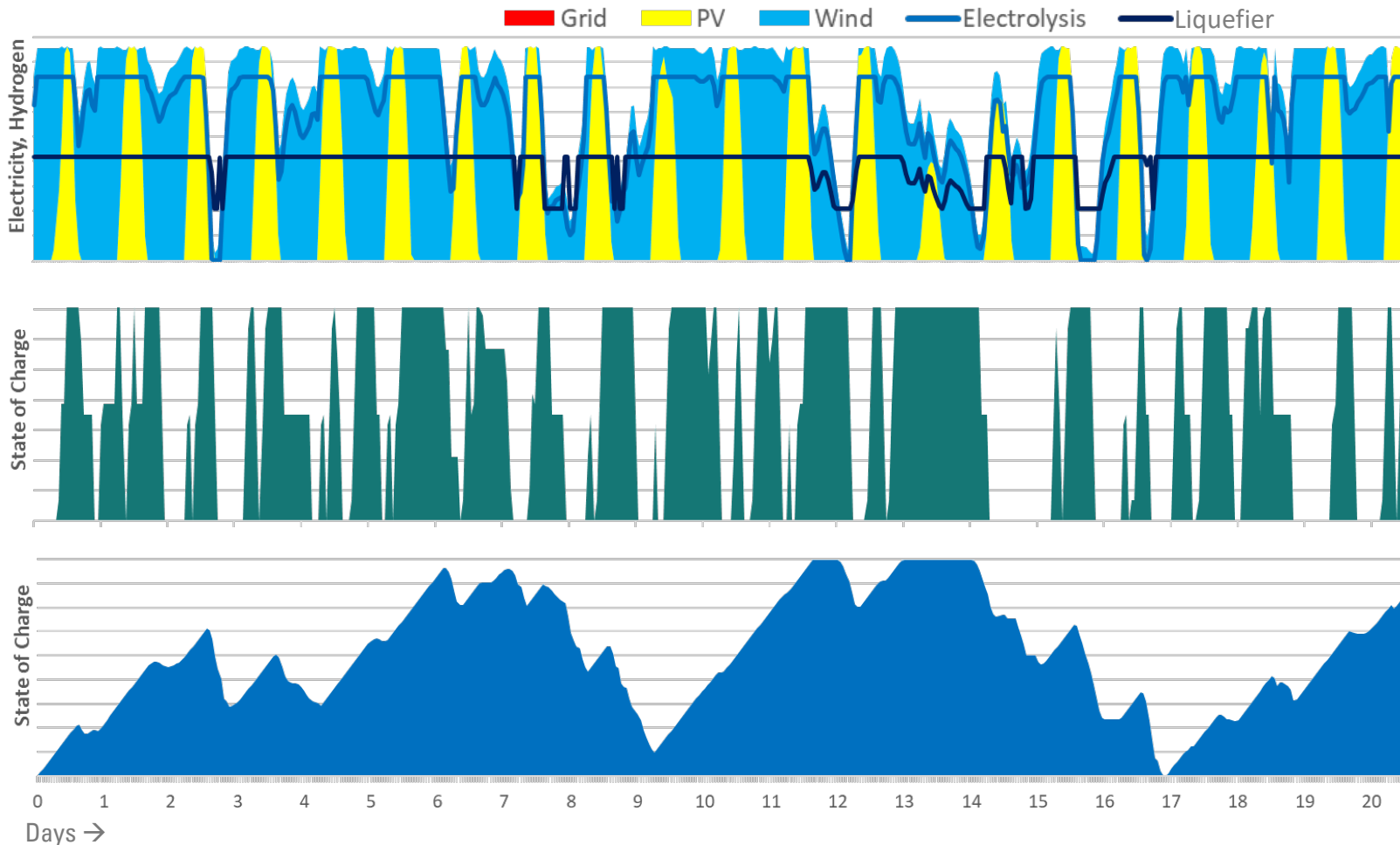


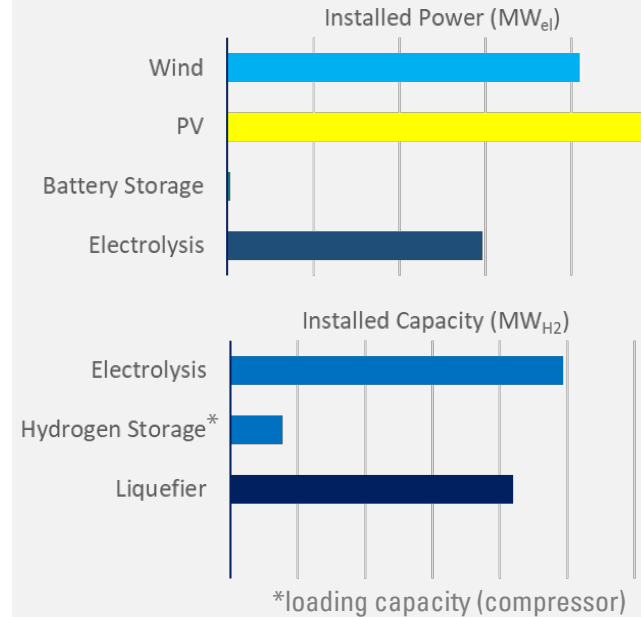
Example: H₂ supply to liquefaction unit

● Cost minimization; minimum part-load of liquefaction unit is 50%



Battery Storage

Hydrogen Storage



*loading capacity (compressor)

Location North Africa, PV: 430 €/kWp; Wind: 1,100 €/kW, Ely: 1,500 €/kW, grid: no, liquefier load: 50 to 100, Ely load: unconstraint, target: cost minimization, production target: 200,000 tpa