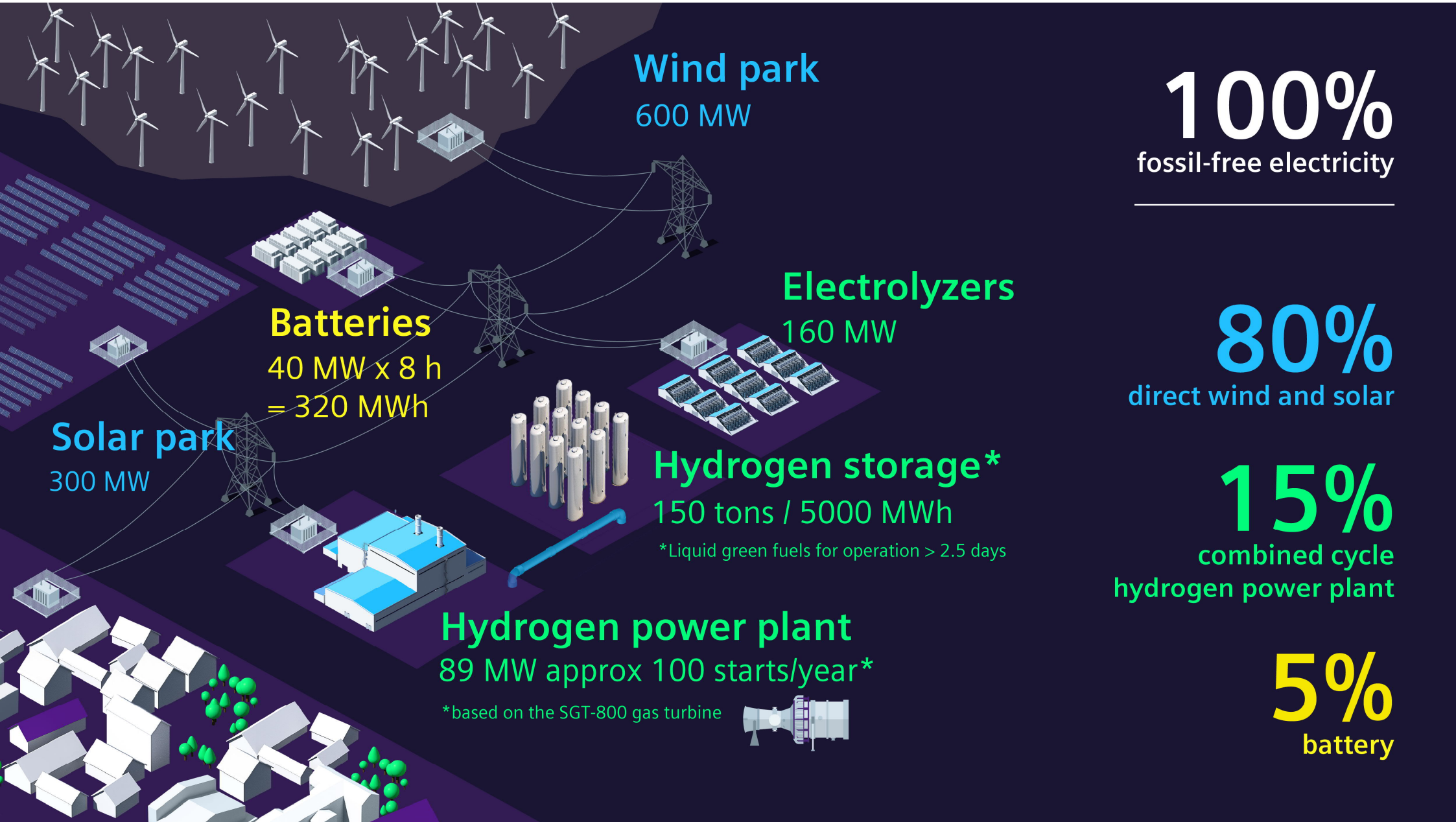
Hydrogen Ready Gas Turbines

Customer Event Steam Turbine and Generators 2023



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Wind park
600 MW
Batteries
40 MW x 8 h
= 320 MWh
Electrolyzers
160 MW
Solar park
300 MW
Hydrogen storage*
150 tons / 5000 MWh
*Liquid green fuels for operation > 2.5 days
Hydrogen power plant
89 MW approx 100 starts/year*
*based on the SGT-800 gas turbine
100%
fossil-free electricity
80%
direct wind and solar
15%
combined cycle
hydrogen power plant
5%
battery

Further information

https://www.siemens-energy.com/global/en/offerings/power-generation/power-plants/hydrogen-power-plants.html



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