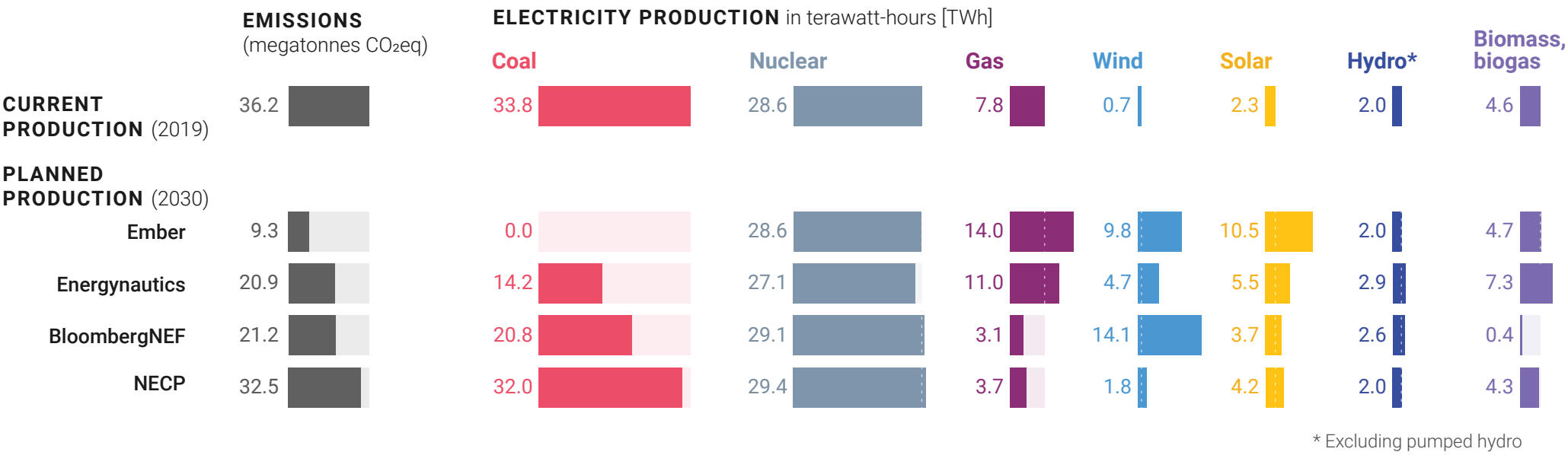
ENERGY PRODUCTION: TRANSITION PATHWAYS (CZECHIA)

Fakta o klimatu

A comparison of different transition scenarios for electricity production in 2030



* Excluding pumped hydro

	How does the scenario deal with **low** solar & wind **production in bad weather?**	Are **batteries or hydrogen storage** considered for Czechia?	Does the electricity market model **include the price of allowances?**	What kind of **transmission grid** model is presented?	Is **heat production** considered?
Ember	gas, hydro	**BATTERY** (only in one variant)	**YES** (with market-driven investment optimisation)	only an **aggregated European** grid (1-hour resolution)	**YES**
Energynautics	gas, hydro	**NO**	**NO**	both **European and Czech** (1-hour resolution, weather by 15 min)	**NO**
BloombergNEF	coal, gas, hydro	**NO**	**YES** (with market-driven investment optimisation)	unclear	**NO**
NECP	coal, gas, hydro	**NO**	**Prices of electricity and allowances** are provided, but the calculation is unclear	unclear	**YES** (incl. building energy efficiency and other parameters)

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Read more at **factsonclimate.org**/transition-scenarios-comparison-czechia

Data sources: ERÚ, OTE, Ember, Energynautics, BloombergNEF, NECP