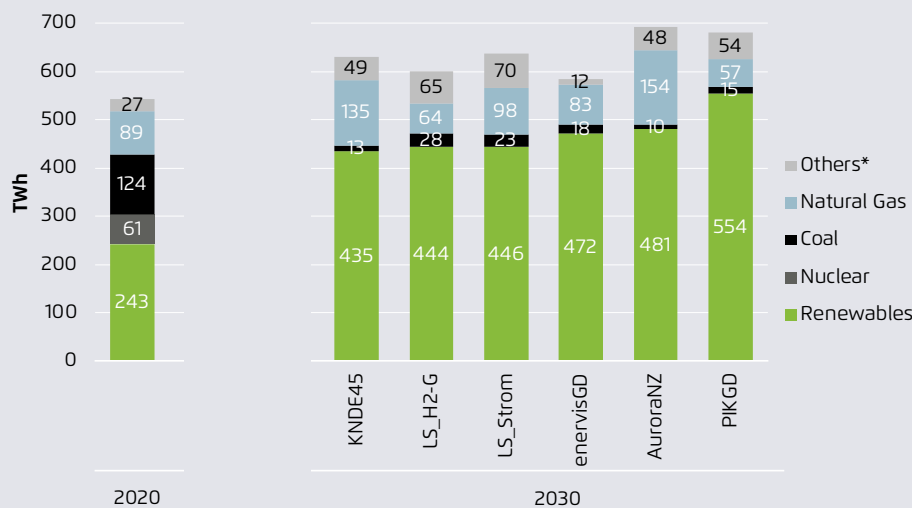


Figure: Net electricity generation by energy source in 2020 and in different scenarios in line with the climate target of -65% by 2030*.



Sources: own calculations on basis of AG Energiebilanzen (2021); Aurora Energy Research (2021): AuroraNZ; enervis energy advisors (2021): enervisGD; Fraunhofer ISI/consentec/ifeu/TU Berlin/E&R (2021): LS_H2-G, LS_Strom; Pietzcker/Osorio/Rodrigues (2021): PIKGD; Prognos/Öko-Institut/Wuppertaler Institut (2021): KNDE45.

Note

The scenarios in the above figure are based on a mixture of German and EU climate targets. As the result, the performance of the scenarios vis-à-vis the 2030 German energy sector goal varies:

- The long-term hydrogen scenario (LS_H2-G) falls slightly short of the sector goal.
- The long-term electrification scenario (LS_Strom), the KNDE45 scenario and the AuroraNZ scenario meet the sector goal.
- The enervisGD and PIKGD scenarios exceed the sector goal.

List of sources

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