Procurement Forecast Grid Infrastructure

4 August 2025

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Disclaimer

Background

Large Power Transformers (PST & LQT)

Variable Shunt Reactors (VSR)

Switchgear AIS & GIS

Substation Automation Systems (SAS)

Overhead Lines

Engineering Services

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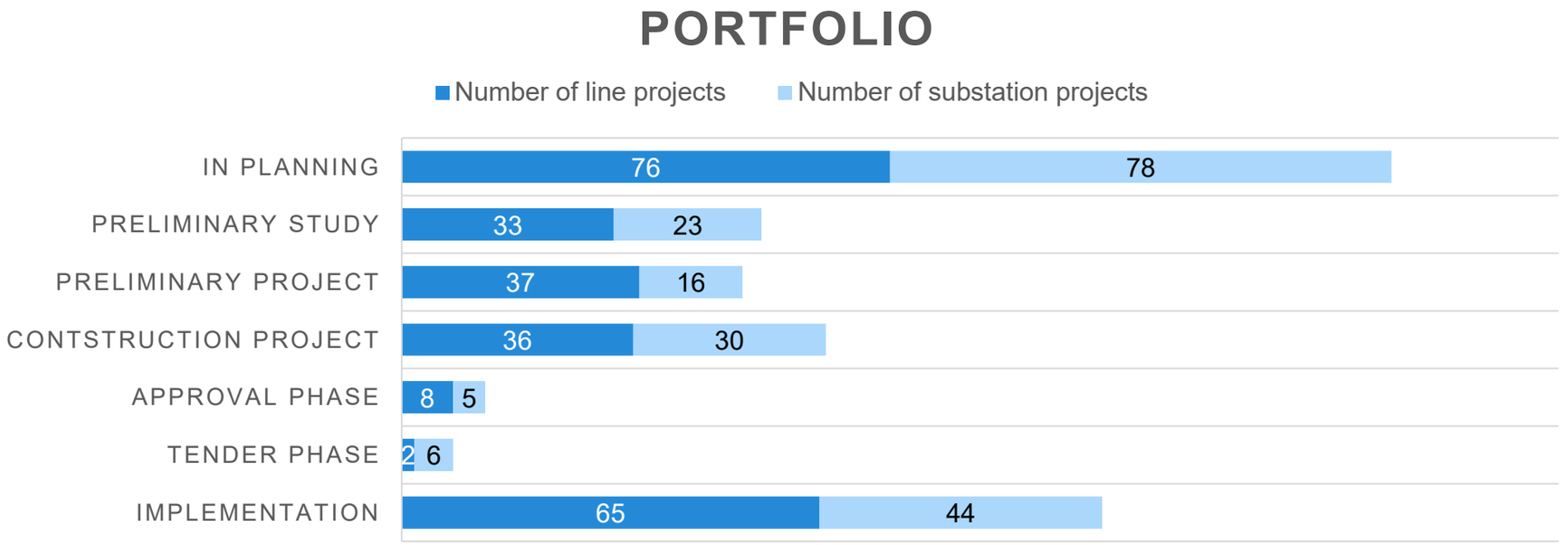
Disclaimer

- Projects are at different stages of maturity and are subject to changes (variants, technical and external dependencies).
- Forecasts are indicative, non-binding, and based on the current state of knowledge.
- Forecasts cover a selected set of Key Commodities & Services, relevant for the grid infrastructure.
- Observation period 2026 - 2031 applies, data as of August 4th 2025.
- This information is of a general nature only. Swissgrid publishes all open tenders transparently on the official tender platform Simap: www.simap.ch/en

Background

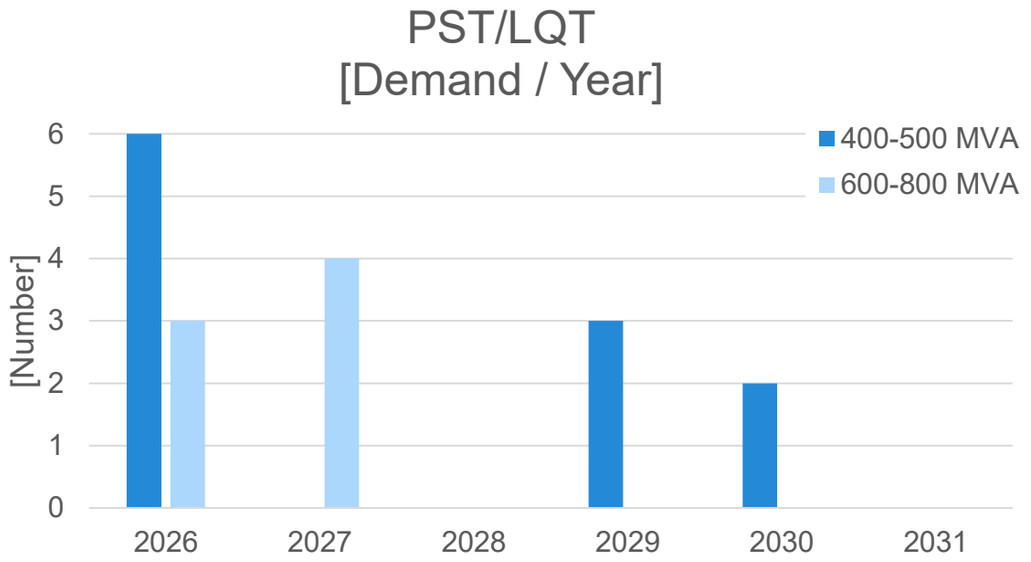
- Until 2040, Swissgrid will continuously invest around 5.5 billion CHF in grid maintenance, reinforcement and expansion.
- In the long term, the annual project volume will level off at CHF 350 to 400 million per year.
- Around 300 active projects are expected on a rolling basis – exemplified by the below project portfolio as of August 2025.
- Projects «In Planning» represent a pipeline that will be continuously feed into the active portfolio.



Large Power Transformers (PST[1] & LQT[2])

- The forecast is based on 14 projects that are expected to go into operation within 10 years.
- The forecast indicates the expected timing of tenders.
- The power rating of the transformers will be detailed as the projects progress.
- The rated Voltage for PSTs is 220kV/220kV and for LQTs 380kV/220kV.

	[Number PST/LQT]					
Capacity	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**
400-500 MVA	2 PST 4 LQT			0 PST 3 LQT	0 PST 2 LQT	
600-800 MVA	0 PST 3 LQT	2 PST 2 LQT				



(1) PST = **P**hase **S**hifting **T**ransformer

(2) LQT = **L**ongitudinal & **Q**uadrature regulated **T**ransformer

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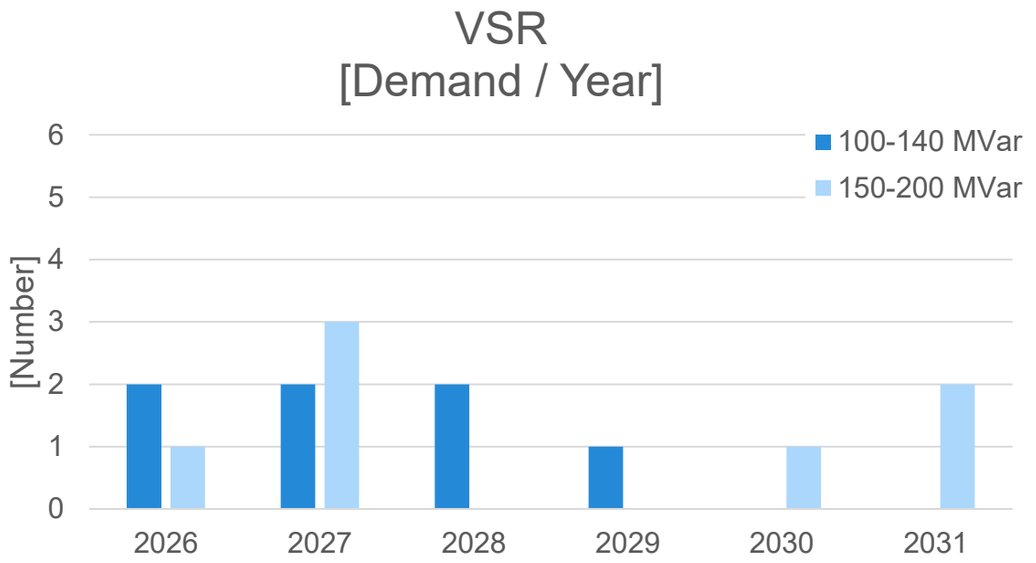
Variable Shunt Reactors (VSR)

- The forecast is based on 13 projects that are expected to go into operation within 10 years.
- The forecast indicates the expected timing of tenders, including call-offs (*) from framework contracts tendered in 2025.
- The power rating of the VSR will be detailed as the projects progress.

	[Number VSR]					
Capacity	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**
100-140 MVar	2 *	2 *	1 *	1	0	0
150-200 MVar	1 *	3 *	0	0	1	2



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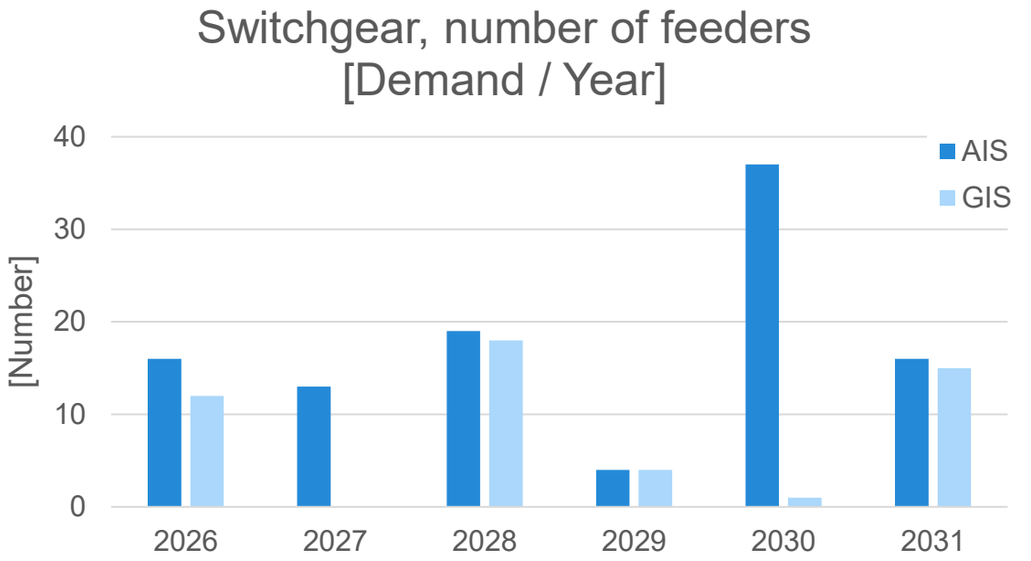
Switchgear (AIS & GIS)

- The forecast is based on 26 projects that are expected to go into operation within 10 years.
- The forecast indicates the expected timing of tenders, including call-offs (*) from an AIS-components framework contract active until 2028.
- In particular cases, some AIS feeders becomes tendered as Hybrid Switchgears (Mixed Technology Switchgear – MTS).

	[Number of feeders]					
Type	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**
AIS	16 *	13 *	19 *	4	37	16
GIS	12	0	18	4	1	15



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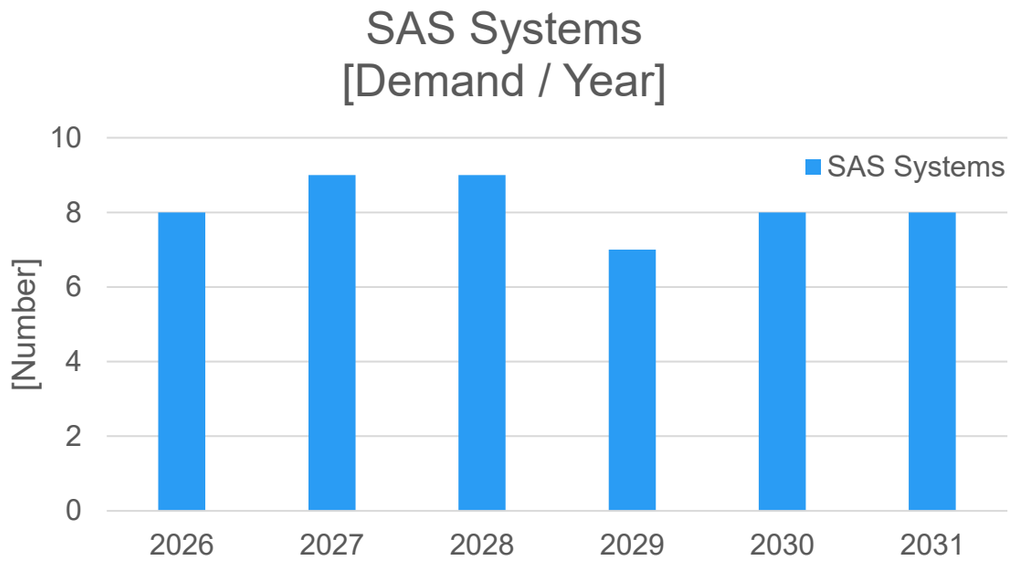
Substation Automation Systems (SAS)

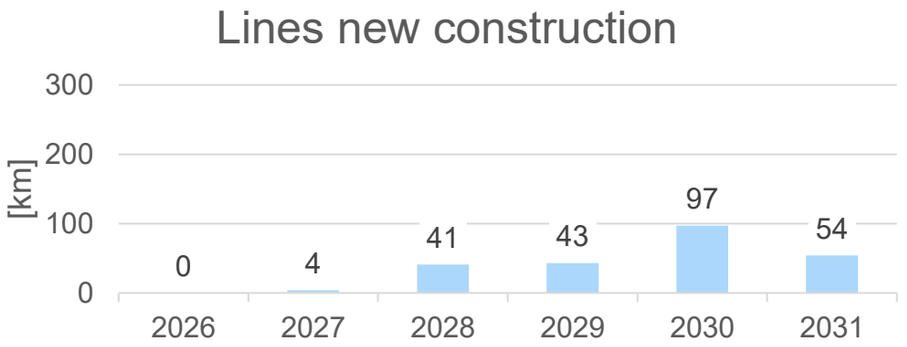
- The forecast is based on around 80 SAS projects that are expected to go into operation within 10 years.
- The forecast indicates the expected timing of tenders.
- The Substation Automation Systems are intended for systems from 1 to 21 feeders. The majority of these are systems of 3 to 8 feeders.
- Swissgrid anticipates to procure 6 to 9 Substation Automation Systems per year.

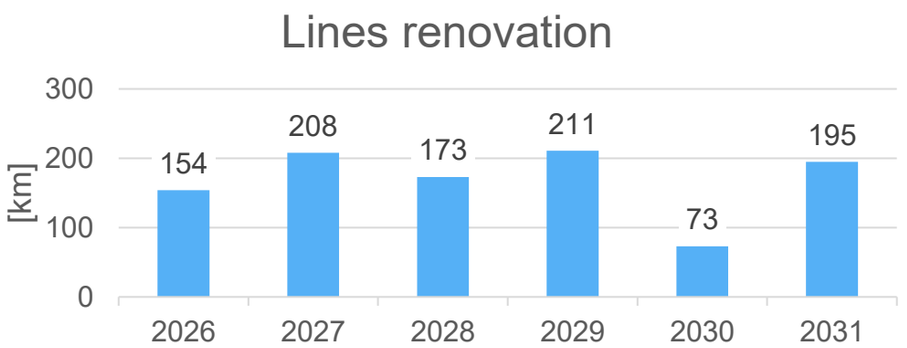
	[Number of SAS Systems]					
	2026	2027	2028	2029	2030	2031
Substation Automation Systems	8	9	9	7	8	8

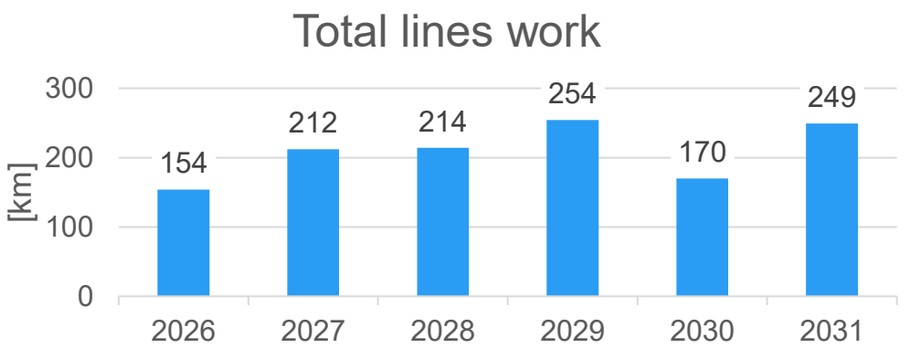


Overhead Lines

- The forecast is based on approx. 100 projects that are expected to go into operation within 12 years.
- The ratio between new construction and reinforcement/ renovation may vary significantly between individual years.
- In general, the following average values apply:
  - Approx.130 km of lines are renovated per year.
  - Approx. 60 km of lines are reinforced or newly built per year.
- The forecast indicates the expected timing of tenders.







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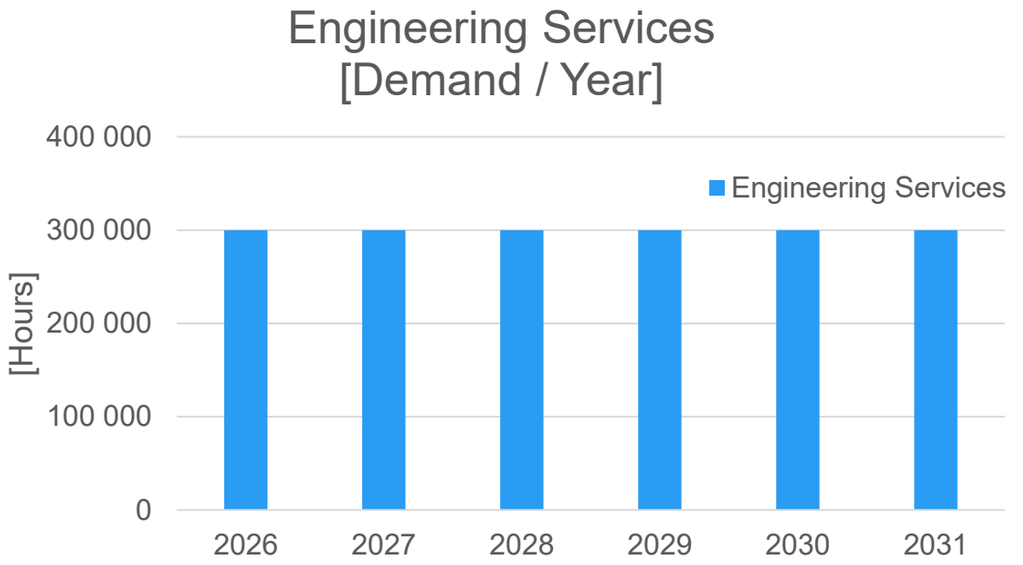
Engineering Services

- The forecast is based on approx. 350 projects that will require engineering services within the next 8 years.
- The forecast indicates the expected timing of tenders.
  (*) Framework contracts active until 2027 cover approx. 25% of the demand.

	[Hours in thousands]					
	2026	2027	2028	2029	2030	2031
Engineering Services	300 *	300 *	300	300	300	300



Thank you for your interest

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