

Annex Latvia - Climate Targets

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1 Latvia

Sources found in the Annex. the targets of the NECP is the WAM scenario.

1.1 Supply

1.1.1 Percent targets

These are the percentage values of RES of the different categories [1, 23].

1.1.2 Capacity targets

Table 1: Estimate of the total expected contribution (installed capacity, gross electricity produced) of each renewable energy technology in Slovakia for electricity generation in the period 2025-2030

	2025		2026		2027		2028		2029		2030	
	MW	GWh	MW	GWh	MW	GWh	MW	GWh	MW	GWh	MW	GWh
Pumped-storage (PVE)	916	450	916	450	916	450	916	450	916	500	916	500
Hydroelectric plants	1,626	4,465	1,626	4,465	1,640	4,505	1,650	4,533	1,660	4,561	1,660	4,560
<i>>1 MW</i>												
>1 MW	38	110	38	110	42	122	43	125	45	131	45	130
1 MW – 10 MW	57	160	57	160	67	188	76	213	84	235	84	235
>10 MW	1,531	4,195	1,531	4,195	1,531	4,195	1,531	4,195	1,531	4,195	1,531	4,195
Geothermal energy	0	0	0	0	0	0	0	0	4	29	4	30
Solar energy – PV	1,200	1,260	1,300	1,365	1,400	1,470	1,500	1,575	1,600	1,680	1,700	1,810
Wind energy – onshore	20	40	200	400	300	600	420	840	530	1,060	750	1,500
Biomass: solid	200	1,100	200	1,100	200	1,100	200	1,100	200	1,100	200	1,100
biogas/biomethane	90	540	100	600	110	660	120	720	130	750	150	800

Table 2: Estimate of the total expected contribution (installed capacity, gross electricity produced) of each renewable energy technology in Slovakia for electricity generation in the period 2025-2030

	2025		2026		2027		2028		2029		2030	
	MW	GWh	MW	GWh	MW	GWh	MW	GWh	MW	GWh	MW	GWh
Pumped-storage	916	450	916	450	916	450	916	450	916	500	916	500
Geothermal energy	0	0	0	0	0	0	0	0	4	29	4	30
Solar energy – PV	1,200	1,260	1,300	1,365	1,400	1,470	1,500	1,575	1,600	1,680	1,700	1,810
Wind energy – onshore	20	40	200	400	300	600	420	840	530	1,060	750	1,500

1.1.3 Climate targets

1.2 Demand

The entire demand section is found in the annex 3 [2, annex 3]. It contains good numbers on demand in WEM and WAM

1.2.1 EV, storage and heat pump targets

Here only demand is described and not the breakdown of heat pumps and EV targets.

References

- [1] NECP. Estonia - Draft Updated NECP 2021-2030 - European Commission.
- [2] NECP. Latvia - Final updated NECP 2021-2030 (submitted in 2024) - European Commission.