



SO UPS Operational Report 2025

7 Interconnected Power Systems (IPS) operated as part of the Russian UPS: IPS of Center, IPS of Middle Volga, IPS of Urals, IPS of North-West, IPS of South, IPS of Siberia and IPS of East. Since January 1, 2024 SO UPS is responsible for system operation and dispatching control in isolated power systems (Norilsk-Taimyr, Kamchatka Territory, Chukotka Autonomous Region, Magadan and Sakhalin regions).

Total installed capacity – 264,851.44 MW as of 01.01.2025 (increased by 1,134.39 MW)

Installed capacity in isolated power systems – 5,460.12 MW

Generation – 1,164.4 bln kWh; in isolated power systems – 16.0 bln kWh

Consumption – 1,161.2 bln kWh; in isolated power systems – 16.0 bln kWh

Peak demand – 166,155 MW (24 December)

Generation capacity mix of IPS and UPS of Russia (as of 1 January 2025)

Power System	Total nominal capacity, MW	Thermal		Hydro		Nuclear		Wind		Solar	
		MW	%	MW	%	MW	%	MW	%	MW	%
UPS of Russia	264,851.44	172,525.23	65,2	50,432.26	19,0	34,542.99	13,0	4,248.54	1,6	3,102.42	1,2
IPS of Center	49,766.50	35,166.15	70,7	1,822.07	3,6	12,778.28	25,7	0	0,00	0	0,00
IPS of Middle Volga	28,326.57	16,663.92	58,8	7,094.00	25,1	4,072.00	14,4	316,65	1,1	180,00	0,6
IPS of Urals	53,783.73	49,816.90	92,6	1,963.4	3,6	1,485.00	2,8	1,65	0,00	516,78	1,0
IPS of North-West	25,194.15	15,827.78	62,8	3,023.13	12,00	6,135.79	24,4	207,45	0,8	0	0,00
IPS of South	43,681.53	21,551.85	49,3	6,510.53	14,9	10,071.92	23,1	3,722.79	8,5	1,824.44	4,2
IPS of Siberia	52,755.41	26,772.58	50,8	25,401.63	48,1	0	0,00	0	0,00	581,20	1,1
IPS of East	11,343.55	6,726.05	59,3	4,617.50	40,7	0	0,00	0	0,00	0	0,00
Isolated power systems	5,460.12	2,770.40	50,7	2,617.3	47,9	70,00	1,3	2,42	0,10	0	0,00