

OPERATIONAL RESULTS

NETWORK EXPLOITATION

Indicator	2022	2023	2024	2024/2023, %
Substations, pcs	38,141	38,658	41,690	+7.8%
Substation capacity, MVA thousand	34.9	35.3	37.4	+6.0%
Power lines (circuits), km	153,398	154,113	161,841	+5.0%

REPAIRS IN 2022-2024

The Company's repair and maintenance target for 2024 totaled RUB 6,513 million, real expenses in 2024 totaled RUB 7,276 million or 112%.

2024 repair program (branch breakdown), RUB million

Branch	Target	Actual	% of completion
Permenergo	2,381	2,539	107%
Sverdlovenergo	2,259	2,420	107%
Chelyabenergo	1,855	2,297	124%
Rosseti Ural (incl. HQ)	6,513	7,276	112%

The overrun was mainly due to recovery and unscheduled works. Total costs of the branches spent on outsourcing repair works totaled RUB 1,166 million or 16%, with RUB 6,110 million or 84% spent on in-house repair works.

The Company's repair program in 2022-2024

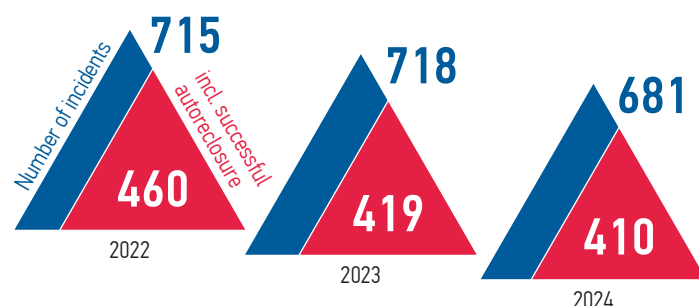
Indicator	2022 real values	2023 real values	2024 target values	2024 real values	2024 % of completion
Power line corridor clearing, ha	10,387	11,128	10,064	10,415	103%
Groundwire replacement, km	258	231	248	266	107%
Insulator replacement, pcs	111,431	113,342	96,461	111,103	115%
Transformer overhaul, pcs	44	29	28	38	136%
Switch overhaul, pcs	1,605	1,368	1,350	1,445	107%
Overhaul of isolating switches, short circuitors, disconnecting switches, pcs	1,838	1,835	1,582	1,597	101%
Total repair costs, RUB million	4,829	6,185	6,513	7,276	112%

The overrun was mainly due to recovery and unscheduled works. The repair program for 2025 totals RUB 7,187 million or -1.2%YoY, with RUB 5,966 million or 83% to be spent on in-house works and RUB 1,221 million or 17% to be spent on outsourcing works.

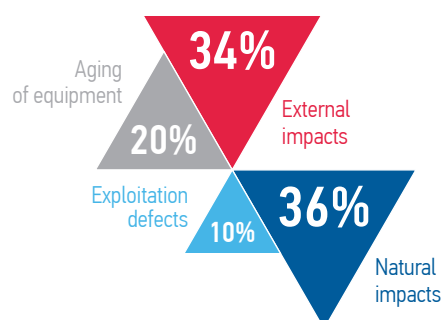
DESCRIPTION OF INCIDENTS ON NETWORK FACILITIES IN 2022-2024

The number of incidents on 110 kV+ networks of the Company's branches decreased 5.2% on 2023 and decreased 4.8% on 2022. The diagram shows the amount of incidents and disturbances on 110 kV+ networks.

Incidents on 110 kV+ networks



Factors of incidents



Primary factors of incidents on 110 kV+ networks in 2024 are natural impacts, external impacts, aging of equipment, exploitation defects. In 2024, all branches of the Company achieved long-term reliability targets, set by the regional regulators, incl. with allowances made for permissible variation coefficient of 30%, stipulated by the Guidelines¹⁸. Sverdlovenergo failed to complete I_{saifi} LV, with total I_{saifi} and I_{saifi} completed.

Reliability target and real values of our branches

In 2024, to enforce reliable grid performance, the Company has approved a set of special-purpose programs on technical development¹⁹, incl.: programs on reduction of incident rate and enhancement of equipment reliability; maintenance and repairs; exploitation works; upgrade (retrofitting) of grid facilities; enhancement of fire safety; equipment of special-purpose vehicles and transport with state-of-the-art security tools; purchases of electric supply reserves, etc. The primary expected effect from the above-mentioned and investment programs lies in the control of the level of incident rates and creation of conditions for achieving the reliability targets set by the regulators.

Branch	Indicator	Target value	Real value	Δ, %
Perm-energo	I _{saifi} , hours	0.7259	0.6224	-14.3%
	I _{saifi} , pcs	0.6866	0.6068	-11.6%
Chelyab-energo	I _{saifi} , hours	0.9787	1.0998	12.4%
	I _{saifi} , pcs	0.7774	0.7901	1.6%
Sverdlov-energo	I _{saifi} , HV, hours	0.8317	0.0446	-94.6%
	I _{saifi} , MV1, hours	0.7023	0.1752	-75.1%
	I _{saifi} , MV2, hours	2.3515	1.6297	-30.7%
	I _{saifi} , LV, hours	2.6417	2.8515	7.9%
	I _{saifi} , HV, pcs	0.1229	0.04340	-64.7%
	I _{saifi} , MV1, pcs	0.3106	0.0709	-77.2%
	I _{saifi} , MV2, pcs	0.7795	0.6563	-15.8%
	I _{saifi} , LV, pcs	0.9630	1.3170	36.8%

CONSOLIDATION OF GRID ASSETS

PAO Rosseti Ural (jointly with AO EESK) consolidates grid assets to shape a unified network area on the territory of the Company's operations helping create a single point of responsibility for reliable and high-quality electricity supply and providing additional possibility to connect new consumers to the consolidated networks.

Consolidation of grid assets

Asset type	2022			2023			2024		
	MVA	Km	C.u.	MVA	Km	C.u.	MVA	Km	C.u.
Rosseti Ural's total	2,900	5,737	46,834	4,396	10,727	79,802	4,582	7,826	69,895
Acquisition of grid facilities	56	358	1,721	1,023	4,940	27,414	40	14	466
Rented grid facilities	2,824	5,221	44,632	3,225	4,756	48,244	3,638	4,478	49,669
Other (permanent rights of ownership and use)	13	82	274	118	741	3,267	34	185	784
Other (temporary rights of ownership and use)	7	76	207	30	290	877	870	3,149	18,976
AO EESK' total	1,266	9,356	31,317	579	1,596	9,920	555	1,495	9,632
Acquisition of grid facilities	0	0	12	82	0	121	8	0	74
Rented grid facilities	1,247	9,356	31,078	443	1,358	8,343	524	1,399	9,087
Other (permanent rights of ownership and use)	19	0	227	54	238	1,456	23	96	471
Other (temporary rights of ownership and use)	0	0	0	0	0	0	0	0	0

CONNECTION

Demand Analysis

The demand for connection to the networks in 2024 increased in comparison to 2023. Total amount of applications for connections, received by the Company totaled 49,796 (+1,548 or +3% YoY), the increase driven by enhanced availability of connection as a result of the transition to interactive CR channels and increased purchasing

power due to concessional real estate loans and regional infrastructure development. In 2024, the Company concluded 28,438 contracts (+3% YoY) and executed 31,374 contracts (+0.3% YoY). Capacity demand in concluded contracts increased by 6%.

Demand for connection, pcs*

