

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

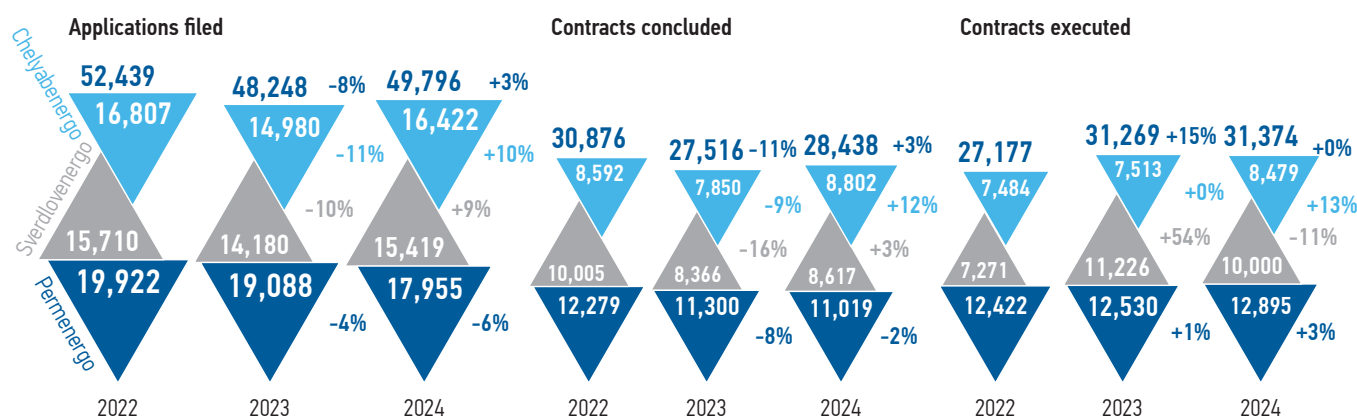
CONNECTION

Demand Analysis

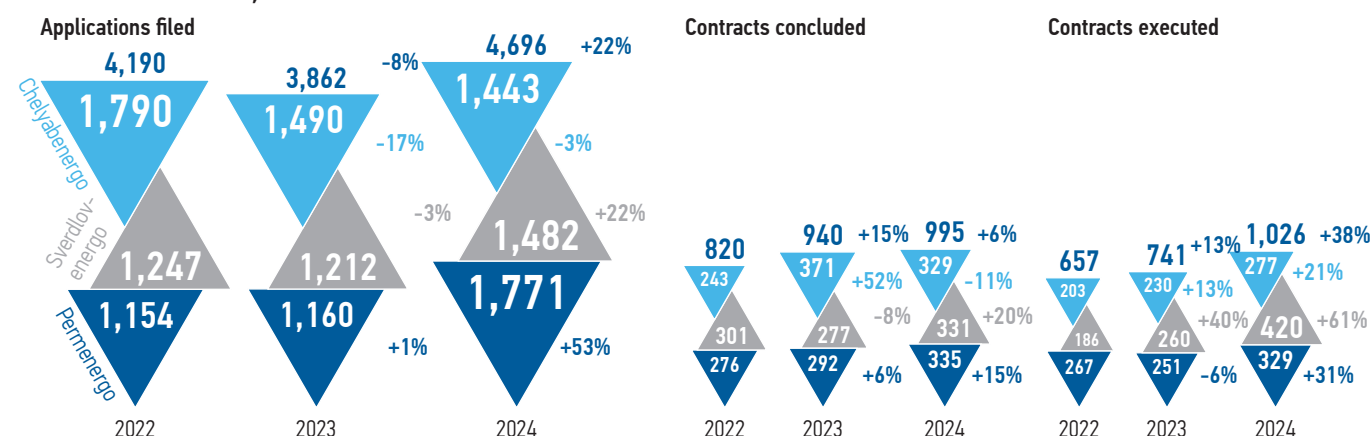
The demand for connection to the networks in 2024 increased in comparison to 2023. Total amount of applications for connections, received by the Company totaled 49,796 (+1,548 or +3% YoY), the increase driven by enhanced availability of connection as a result of the transition to interactive CR channels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



Demand for connection, MW*



* net of temporary connection

Indicator		2022	2023	2024	2024/ 2023, %
Applications filed, pcs		52,439	48,248	49,796	3%
Applications filed, kW		4,190,455	3,862,322	4,695,606	22%
Contracts concluded, pcs		30,876	27,516	28,438	3%
Contracts concluded, kW		820,289	939,553	995,141	6%
Contracts executed, pcs		27,177	31,269	31,374	0%
Contracts executed, kW		656,721	740,711	1,025,680	38%
Active contracts, pcs		21,324	16,831	13,406	-20%
Active contracts, kW		1,761,949	1,798,745	1,716,418	-5%
Executed contracts by categories of applicants:	0-15 kW inclusive, pcs	25,092	28,517	28,452	0%
	15-150 kW inclusive, pcs	1,793	2,317	2,485	7%
	150-670 kW, pcs	212	313	308	-2%
	670+ kW, pcs	78	120	123	2%
	Generation, pcs	2	2	6	200%
	0-15 kW inclusive, kW	316,095	310,678	319,770	3%
	15-150 kW inclusive, kW	122,753	148,680	151,591	2%
	150-670 kW	62,575	84,462	86,091	2%
	670+ kW, kW	154,494	175,990	357,611	103%
	Generation, kW	805	20,900	110,617	429%
Revenues from connection by categories of applicants:	0-15 kW inclusive, RUB million	92	661	1,162	76%
	15-150 kW inclusive, RUB million	93	244	368	51%
	150-670 kW, RUB million	332	534	807	51%
	670+ kW, RUB million	706	455	723	59%
	Generation, RUB million	17	16.53	463	2,698%
Executed contracts by industries:	Individuals, pcs	23,323	26,601	26,647	0,2%
	Agriculture, forestry, fishery, pcs	174	227	180	-21%
	Manufacturing industry, pcs	132	202	238	18%
	Production and distribution of electricity, gas and water, pcs	139	234	152	-35%
	Real estate development , pcs	514	708	708	0%
	Trade industry, pcs	302	409	547	34%
	Transportation and telecommunications, pcs	620	656	475	-28%
	Public health, education, social services, pcs	93	193	155	-20%
	Other, pcs	1,880	2,039	2,272	11%
	Individuals, kW	300,065	294,873	303,222	3%
	Agriculture, forestry, fishery, kW	15,291	20,009	18,150	-9%
	Manufacturing industry, kW	56,791	63,440	144,588	128%
	Production and distribution of electricity, gas and water, kW	30,178	69,059	241,499	250%
	Real estate development , kW	38,743	50,674	46,210	-9%
	Trade industry, kW	15,038	25,419	33,365	31%
	Transportation and telecommunications, kW	11,078	9,782	30,973	217%
	Public health, education, social services, kW	4,865	17,169	11,133	-35%
	Other, kW	184,671	190,285	196,540	3%

Cancelled contracts

Year/ branch	Connection contracts cancelled during the reported period *		
	pcs	MW	Contract value, RUB million, net of VAT
Permenergo	311 (-54% on 2021)	23 (-30%)	102 (+23%)
Sverdlovenergo	268 (-25%)	32 (-49%)	47 (-20%)
Chelyabenergo	538 (-30%)	27 (-74%)	36 (-64%)
2022 total	1,117 (-38%)	82 (-59%)	185 (-23%)
Permenergo	169 (-46% on 2022)	79 (242%)	146 (43%)
Sverdlovenergo	311 (16%)	30 (-5%)	101 (115%)
Chelyabenergo	286 (-47%)	35 (31%)	358 (893%)
2023 total	766 (-31%)	144 (76%)	605 (227%)
Permenergo	184 (9% on 2023)	26 (-67%)	206 (41%)
Sverdlovenergo	92 (-70%)	56 (85%)	132 (30%)
Chelyabenergo	235 (-18%)	17 (-50%)	155 (-57%)
2024 total	511 (-33%)	100 (-31%)	492 (-19%)

* net of temporary connection

During 2024, **Permenergo** cancelled 184 contracts (+9%YoY) with the total capacity of 26 MW and worth RUB 206 million (net of VAT). Most of the contracts (63%) were cancelled by 0-15 kW applicants, 40% of cancellations done by individuals.

During 2024, **Sverdlovenergo** cancelled 92 contracts (-70%YoY) with the total capacity of 56 MW and worth RUB 132 million (net of VAT). Most of the contracts (46%) were cancelled by 0-15 kW applicants, 38% of cancellations done by individuals.

Connection requests are waived due to:

- changes in terms for construction of filer's facility or lack of intentions to construct any facilities
- lack of funds
- expiration of specifications

THE MOST IMPORTANT CONNECTIONS IN 2024

- MKU "UTZ" (RUB 24.7 million, 0.44 MW): electricity supply of a school (advancement of education in the Perm region)
- MKU "UTZ" (RUB 22.6 million, 0.37 MW): electricity supply of a multi-apartment residential building (improvement of the quality of life in the Perm region)
- GKU PK "UKS of the Perm region" (RUB 2.6 million, 0.28 MW): electricity supply of a health clinic (improvement of the quality of life in the Perm region)
- OOO "Khevel RG" (RUB 238 million, 33.5 MW): development of renewable energy generating facilities
- AO OEZ "Titan valley" (RUB 7.9 million, 16.3 MW): improvement of investment climate and development of industrial potential of the Sverdlovsk region
- UMP "Vodokanal of Urban District Revda" (RUB 34 million, 0.25 MW): improvement of the quality of life in the Sverdlovsk region
- ZAO KZPV (RUB 1.69 million, 6.1 MW): improvement of investment climate and development of industrial potential of the Sverdlovsk region
- GBU "Karabash Urban District Administration" (RUB 11.3 million, 0.25 MW): connection of designed packaged transformer substation to supply electricity to a water supply inlet (improvement of the quality of life in the Chelyabinsk region)
- OOO ChSGS (RUB 201 million, 36 MW): connection of a designed 25 MVA 110/10 kV transformer to supply electricity to a communal base depot (development of the production industry in the Chelyabinsk region)



- MU KGO "Construction Management" (RUB 7.4 million, 0.05 MW): connection of a water station (improvement of the quality of life in the Chelyabinsk region)
- MBU "Argayash Municipal District Administration" (RUB 11.8 million, 0.2 MW): connection of a pre-school educational institution (advancement of education in the Chelyabinsk region).