

# 2023 PERFORMANCE RESULTS

## OPERATIONAL RESULTS

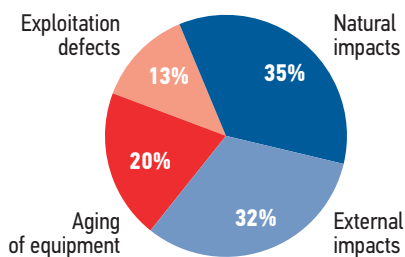
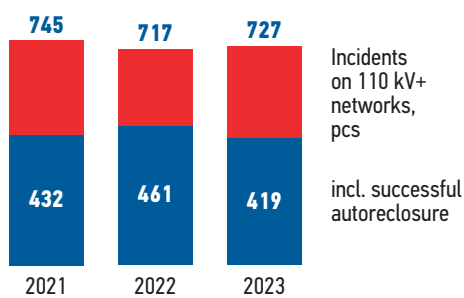
### Network Exploitation

Indicator	2021	2022	2023	2023/ 2022, %
Substations, pcs	39,277	38,141	38,658	+1.4%
Substation capacity, MVA thousand	34.5	34.9	35.3	+1.1%
Power lines (circuits), km	156,676	153,398	154,113	+0.5%

### Description of incidents on network facilities in 2021-2023

The number of incidents on 110 kV+ networks of the Company's branches increased 1.4% on 2022 and decreased 7.5% on 2021. The diagram shows the amount of incidents and disturbances on 110 kV+ networks.

#### Incidents on 110 kV+networks, pcs



Primary factors of incidents on 110kV+ networks in 2023 are natural impacts, external impacts, aging of equipment, exploitation defects. In 2023, 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 Guidelines<sup>11</sup>.

Branch	Isaidi, hours			Isaifi, pcs		
	2023 Target value	2023 Real Value	Dynamics	2023 Target value	2023 Real Value	Dynamics
Permenergo	0.7370	0.7431	+1%	0.6970	0.7045	+1%
Chelyabenergo	0.9937	1.1615	+17%	0.7892	0.7160	-8%

Branch	Iadiapt, hours		
	2023 Target value	2023 Real Value	Dynamics
Sverdlovenegero	0.0162	0.0125	-23%

In 2023, to enforce reliable grid performance, the Company has approved a set of special-purpose programs on technical development<sup>12</sup>, incl.: programs on reduction of incident rate and enhancement of equipment reliability; maintenance and repairs; upgrade (retrofitting) of grid facilities; enhancement of fire safety; environmental safety; compliance with industrial safety requirements and enhancement of reliability of equipment, used at dangerous production facilities; equipment of special-purpose vehicles and transport with state-of-the-art security tools; lifting facilities, purchases of electric supply reserves. The primary expected effect from the special-purpose, repair 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.

### Repairs in 2021-2023

The Company's repair and maintenance target for 2023 totaled RUB 5,841 million, real expenses in 2023 totaled RUB 6,185 million or 106%.

#### The 2023 repair program (branch breakdown), RUB million

Branch	Target	Actual	% of completion
Permenergo	2,186	2,279	104%
Sverdlovenegero	1,963	2,060	105%
Chelyabenergo	1,683	1,830	109%
<b>Rosseti Ural (incl. HQ)</b>	<b>5,841</b>	<b>6,185</b>	<b>106%</b>

The overrun was mainly due to recovery and unscheduled works. Total costs of the branches spent on outsourcing repair works totaled RUB 934 million or 15%, with RUB 5,251 million or 85% spent on in-house repair works.

#### The Company's repair program in 2021-2023

Type of repair	2021 real values	2022 real values	2023 target values	2023 real values	2023, % of completion
Power line corridor clearing,	10,258	10,387	10,558	11,128	105%
Groundwire replacement, km	209	258	180	231	128%
Insulator replacement, pcs	121,167	111,431	90,457	113,342	125%
Transformer overhaul, pcs	28	44	24	29	121%
Switch overhaul, pcs	1,712	1,605	1,324	1,368	103%
Overhaul of isolating switches, short circuitors, disconnecting switches, pcs	1,660	1,838	1,816	1,835	101%
<b>Total repair costs, RUB mln</b>	<b>4,339</b>	<b>4,829</b>	<b>5,841</b>	<b>6,185</b>	<b>106%</b>

Changes in repair volumes are attributable to natural fluctuations coming from repair periodicity. The repair program for 2024 totals RUB 6,513 million or +5%YoY, with RUB 5,396 million or 83% to be spent on in-house works and RUB 1,117 million or 17% to be spent on outsourcing works.

## 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.

### Primary means of consolidation were:

- Acquisition (27 535 c.u.)
- Lease of grid facilities (as of 01.01.2024, the volume of rented facilities and facilities with temporary right of ownership and use totaled 57,464 c.u.)
- Uncompensated retrieval of grid facilities (4,723 c.u.). We created hassle-free conditions for the transfer of grid facilities for any applicant. Applications on the transfer of grid facilities can be submitted through the corporate web site

## Consolidation of grid assets

Type of consolidation	2021			2022			2023		
	MVA	Km	C.u.	MVA	Km	C.u.	MVA	Km	C.u.
<b>Rosseti Ural's total</b>	<b>2,621</b>	<b>13,639</b>	<b>63,567</b>	<b>2,900</b>	<b>5,737</b>	<b>46,834</b>	<b>4,396</b>	<b>10,727</b>	<b>79,802</b>
Acquisition of grid facilities	0	0	0	56	358	1,721	1,023	4,940	27,414
Rented grid facilities	2,603	13,501	63,106	2,824	5,221	44,632	3,225	4,756	48,244
Other (permanent rights of ownership and use)	11	61	256	13	82	274	118	741	3,267
Other (temporary rights of ownership and use)	7	77	205	7	76	207	30	290	877
<b>AO EESK' total</b>	<b>585</b>	<b>1,328</b>	<b>8,397</b>	<b>1,266</b>	<b>9,356</b>	<b>31,317</b>	<b>579</b>	<b>1,596</b>	<b>9,920</b>
Acquisition of grid facilities	0	0	0	0	0	12	82	0	121
Rented grid facilities	538	1,328	7,837	1,247	9,356	31,078	443	1,358	8,343
Other (permanent rights of ownership and use)	47	0	560	19	0	227	54	238	1,456
Other (temporary rights of ownership and use)	0	0	0	0	0	0	0	0	0

## Connection

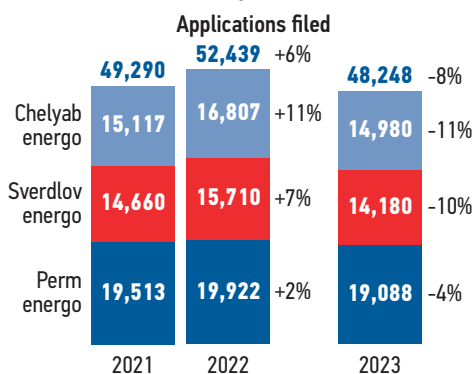
Total amount of applications for connections, received by the Company totaled 48,248 (-4,191 or -8% YoY), the decrease driven by the revised Rules on Connection since 01.07.2022 (in terms of fee calculation) as well as increased privileged connection fees in 2023.

### Demand Analysis

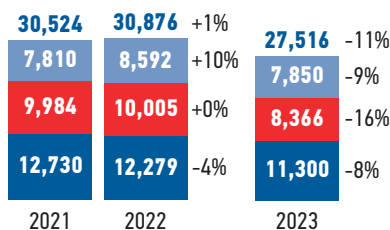
The demand for connection to the networks in 2023 decreased in comparison to 2022.

In 2023, the Company concluded 27,516 contracts (-11% YoY) and executed 31,269 contracts (+15% YoY). Capacity demand in concluded contracts increased by 15%.

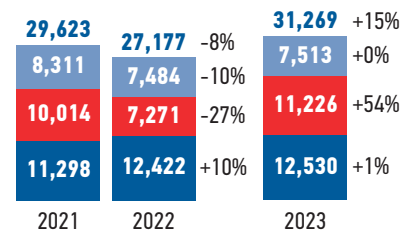
### Demand for connection, pcs\*



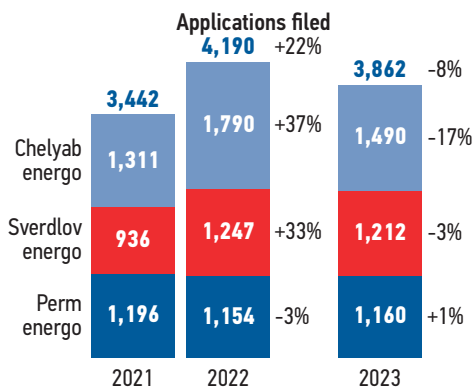
### Contracts concluded



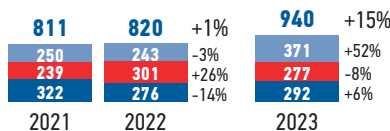
### Contracts executed



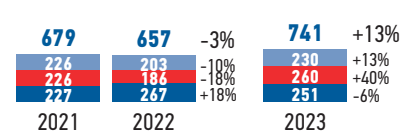
### Demand for connection, MW\*



### Contracts concluded



### Contracts executed



\* net of temporary connection