

ELECTRICITY TRANSMISSION

FY2018 Production Performance

Branch	Total supply, mln kWh	Net supply*, mln kWh	Losses	
			Mln kWh	%
Permenergo	17,950	16,204	1,745	9.72
Sverdlovenengo	30,617	28,938	1,679	5.48
Chelyabenergo	17,777	16,345	1,432	8.06
IDGC of Urals	66,343	61,487	4,856	7.32

* At the boundaries of operational responsibility area.

In 2018, the Company's net supply to consumers and regional grid operators at the boundaries of operational responsibility area amounted to 61,487 million kWh (- 672 million kWh or -1.08% YoY, if compared to 62,158 million kWh transmission metrics of 2017) due to the statutory termination of the last-mile scheme in the Chelyabinsk region since 01.07.2017.

Electricity losses

Branch	2017			2018		Change*	
	Million kWh	%	% under comparable conditions**	Million kWh	%	Million kWh	%
Permenergo	1,887	10.51	10.51	1,745	9.72	-137	-0.78
Sverdlovenengo	1,757	5.86	5.86	1,679	5.48	-63	-0.37
Chelyabenergo	1,504	7.78	8.90	1,432	8.06	-121	-0.85
IDGC of Urals	5,148	7.65	7.94	4,856	7.32	-321	-0.62

* Change of relative electricity losses in % is calculated as the difference between 2018 and 2017 values, factoring in changes in consumer structure, operation mode of the networks; change of absolute electricity losses is calculated as a product of changed relative electricity losses and 2018 net supply.

** Level of electricity losses, set for conditions comparable to conditions of operations of OAO IDGC of Urals or its branch in 2017 in terms of consumer structure, operation mode of the networks.

An important factor taken into account to level 2017 electricity losses and 2018 operating conditions of Chelyabenergo is exclusion of "last-mile" facilities from net supply, as OAO MMK, PAO ChMK, OAO RZhD, OOO Gazprom Transgaz Yekaterinburg, OOO Kemma, ZAO Chebarkul Plant Soyuzteplotstroy concluded direct contracts with PAO FSK UES since Jul.01, 2017.

Company's customers as of 01.01.2019

Branch	Legal entities	Individuals
Permenergo	27,860	731,575
Sverdlovenengo	19,644	402,222
Chelyabenergo	24,814	688,785
IDGC of Urals	72,318	1,822,582

Consumption breakdown, kWh thousand

Customers	Permenergo	Sverdlovenengo	Chelyabenergo
Industrial consumers	8,164,813	19,037,557	7,362,629
Transportation	62,074	2,869,286	1,704,661
Non-industrial consumers	2,030,633	2,870,760	2,445,842
Agricultural consumers	329,169	249,743	285,774
Residents and the like	2,206,475	1,284,571	1,954,623
Wholesale consumers – resellers	3,411,196	2,626,224	2,591,060
TOTAL	16,204,361	28,938,142	16,344,588