

# Distribution

## Enea Operator Distribution area

### Szczecin

Length of power lines: **16 859 km**  
Transformer stations: **5 905 pcs**  
Volume of energy supplied in 2017: **2 702 GWh**  
Number of Customer: **477 619**

### Zielona Góra

Length of power lines: **11 908 km**  
Transformer stations: **4 225 pcs**  
Volume of energy supplied in 2017: **2 456 GWh**  
Number of Customer: **301 077**

### Bydgoszcz

Length of power lines: **22 677 km**  
Transformer stations: **8 444 pcs**  
Volume of energy supplied in 2017: **3 663 GWh**  
Number of Customer: **489 070**

**104,23**

Length of power lines ['000 km]

**37,82**

Number of transformer stations ['000]

### Gorzów

Length of power lines: **11 264 km**  
Transformer stations: **3 775 pcs**  
Volume of energy supplied in 2017: **1 646 GWh**  
Number of Customer: **231 403**

### Poznań

Length of power lines: **41 522 km**  
Transformer stations: **15 474 pcs**  
Volume of energy supplied in 2017: **8 791 GWh**  
Number of Customer: **1 053 530**

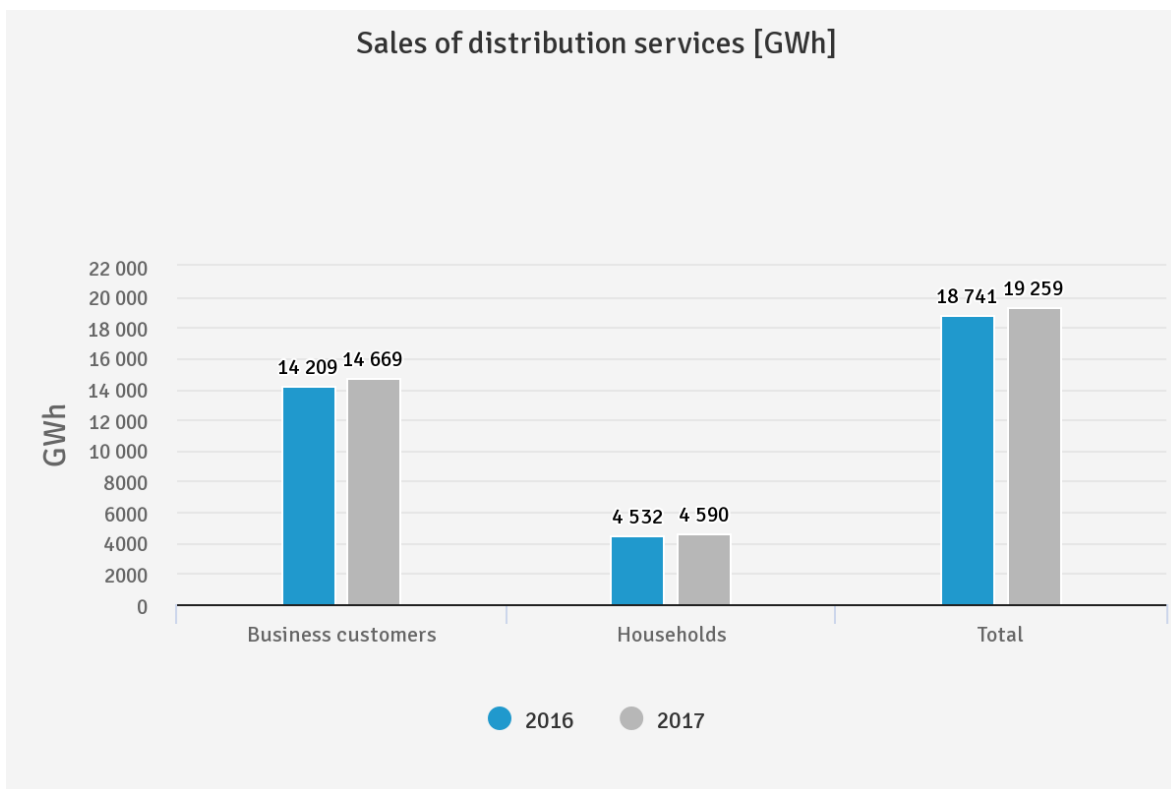


**840,05**

Number of connections ['000]

**18,14**

Length of power lines ['000 km]



#### Technical indicators

Description:	2016 <sup>1)</sup>	2017	Change	IVQ 2016	IVQ 2017	Change
<b>SAIDI</b> planned interruptions and unplanned interruptions, including catastrophic ones (HV, MV) [min]	241.76	618.71	155.92%	46.35	312.18	573.53%
<b>SAIFI</b> planned interruptions and unplanned interruptions, including catastrophic ones (HV, MV) [pcs.]	3.72	4.31	15.86%	0.82	1.55	89.02%

<sup>1)</sup> The change in the **SAIDI** and **SAIFI** indices presented in the reporting documents for 2016 results from the verification by the President of the Energy Regulatory Office of the algorithm for aggregation of interruptions in the power supply to SN/nn substations located in the IT tool for calculating reliability indices in Enea Operator Sp. z o. o.

In 2017, in the operation area of Enea Operator several extensive failures of the power network took place. They were caused by extremely unfavourable weather conditions. These events resulted in a significant deterioration of reliability of electricity supply (**SAIDI** and **SAIFI**) in relation to 2016.

Taking into account 2017, despite ensuring proper exploitation of the network assets, it was not possible to avoid failures caused by extremely unfavourable weather conditions and other emergency situations. There is a risk that similar situations will occur in subsequent years.

Description:	2016	2017	Change
Contracts performed in the reference term of 18 months - group IV [%]	88.90	98.04	9.14 p.p.
Contracts performed in the reference term of 18 months - group V [%]	95.98	98.27	2.29 p.p.

#### Other technical indicators

Description:	2016	2017	Change
Grid distribution losses index [%]	6.28	5.83	-0.45 p.p

The grid distribution losses ratio depends on seasonal fluctuations occurring during the year. For this reason, it is presented in a moving perspective - in the last 12 months.

#### Sales of distribution services

Description:	2016	2017	Change	IVQ 2016	IVQ 2017	Change
Sales of distribution services[GWh]	18 741	19 259	2.80%	4 817	4 937	2.50%
Number of recipients at the end of the period [pcs.]	2 520 175	2 552 699	1.30%	2 520 175	2 552 699	1.30%

## WRA

Description:	2016	2017	2018
WRA ['000 PLN]	7 252 486	7 519 498	7 984 121