

# INFORMATION ON DISTRICT HEATING UTILITIES<sup>1</sup>

## Veolia Energy Łódź

Veolia Energy Łódź (formerly Team Power Plant in Lodź) - an energy company located in Łódź, producing heat and electricity. Currently Veolia Energy Lodz includes:

- Electrical power and heating station No.3
- Electrical power and heating station No.4
- Heating Network Plant

Team Power Plant in Lodz is the second largest power plant in Poland. The total thermal power is approx. 2,600 MW and electric power approx. 500 MW.

Technical Specification of Electrical power and heating stations

	Veolia Energia Łódź	Electrical power and heating station No.4 Ul.J.Andrzejewskiej 4	Electrical power and heating station No.3 Ul.Pojezierska 70
Year of foundation		1977	1968
Number of boilers	14	6	8
Number of turbo components	7	3	4
Number of steam generator	2	1	1
Max. achievable durable thermal power [MW]	1383	715	668
Achievable thermal power [MW]	1624	820	804
Achievable electrical power	403,85	198	205,85

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The figure 1 shows financial results of Veolia Energy Łódź :

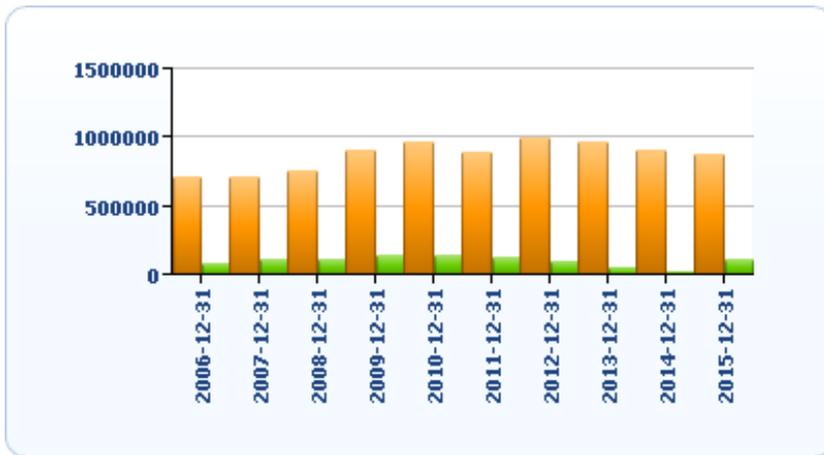


Figure 1 Financials of Veolia Energy Łódź (orange bar represents Sales (thousand. PLN); green bar represents Net profit / loss (thous. PLN))

### Fortum Power&Heat Częstochowa

Fortum operates in Poland since 2003. In this moment company owns three power plants located in Częstochowa, Zabrze and Bytom. Production capacity Fortum Power&Heat is 186 MW of electricity and 958 MW heat.

The modern power plant in Częstochowa one of the most ecological in Central and Eastern Europe. Fortum posiada również ponad 800 km sieci ciepłowniczych, dostarczających ciepło do mieszkańców Częstochowy, Płocka i Wrocławia. Łącznie w całej Polsce ciepło Fortum trafia do około 800 000 osób. Fortum Power&Heat has over 800 km of district heating and supplying heat to the residents of Częstochowa, Plock and Wrocław. In total Poland Fortum's heat drift to 800 000 people in Poland. Fortum Power&Heat in Częstochowa provides comprehensive services in the field of heat production, heat circulation, transmission and distribution. Company launched its first power plant in Poland in 2010. It is the most modern, and one of the most environmentally friendly plants of this kind of in the country. Power Plant 120 MW thermal and 64 MW of electricity will produce 550 GWh of heat and 450 GWh of electricity.

The figure 2 shows financial results of Fortum Power&Heat Częstochowa

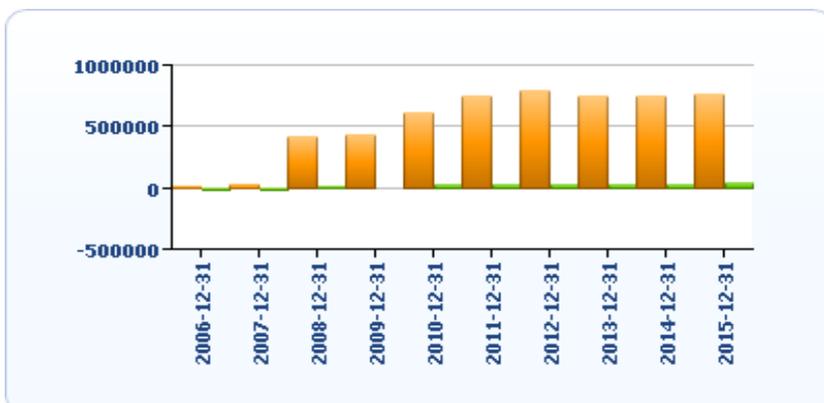


Figure 2 Financials of Fortum Power&Heat Częstochowa (orange bar represents Sales (thousand. PLN); green bar represents Net profit / loss (thous. PLN))

### MPEC Kielce

The company had then dozens of local boiler houses and heating network with a length of less than 100 kilometers. Currently, standards of services provided by MPEC Sp. o.o. are economic attractiveness, sustainability and reliability.

The company eliminated all sources of low emission expanding the district heating network, which currently has more than 135 kilometers long. The plant has the most modern filtration systems that have reduced emissions by over 1,100 tons per year. On-site boiler room at ul. Forgotten 5 installed automated substation with a capacity of 6 MW, which resulted in the reduction of prices of heat for the residents of the estate Checinskie. Also, the Company implemented new technologies of network operation, and in particular telemetry system heating network, aim to minimize costs, to ensure uninterrupted supply, and adjust parameters supplied heat to the changing needs of the inhabitants of Kielce

The figure 3 shows financial results of MPEC Kielce

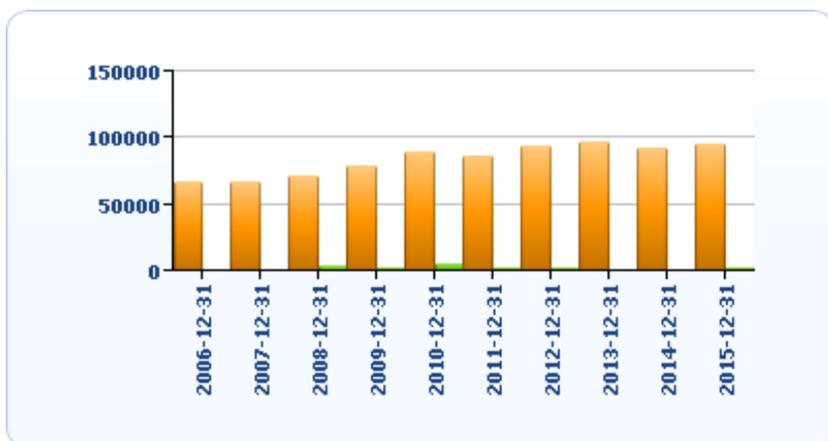


Figure 3 Financials of MPEC Kielce (orange bar represents Sales (thousand. PLN); green bar represents Net profit / loss (thous. PLN))