

## ENERinTOWN Case Study

### Energy use in ADMINISTRATION BUILDING OF KEDAINIAI DISTRICT MUNICIPALITY/KEDAINIAI

**Client** KEDAINIAI CITY MUNICIPALITY

**Overall objective** Collect electricity energy and gas consumption data analyze consumption profiles and prepare recommendations for energy savings.

**Object data** The building with electricity and internet connection total area is 3754 m<sup>2</sup> (7 floors). The building consumes on the average 169 MWh and 361.4 MWh of heat (central heating) per year. Kedainiai district is located in the centre of Lithuania. The district administrative centre is settled in Kedainiai, located at the distance of 55 km from Kaunas city.



#### Initial Situation

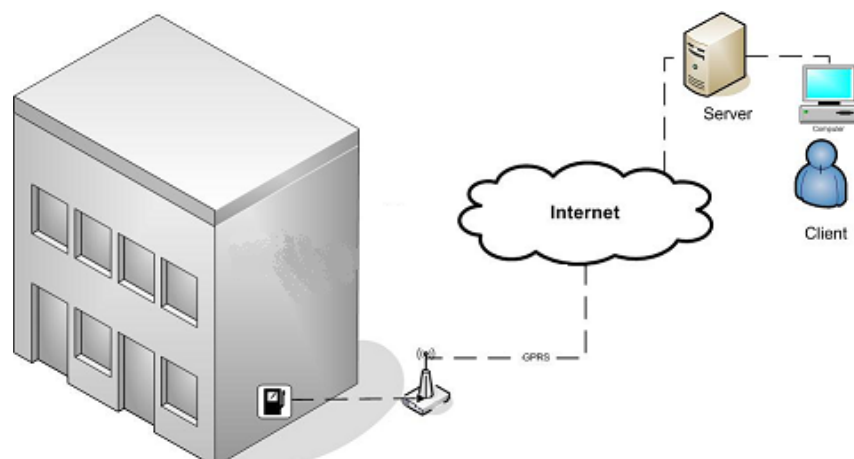


There is electric energy distribution point outside the building. Electric energy distribution equipped with two ELGAMA LZQM 331.01-534 electricity meter. There was used GSM/GPRS network for data reading from the meter.

The building uses central heating (thermowater). Heat meter SKU – 01S is located in ground floor of the building. Gas meter do not have any interfaces for remote meter data reading.

#### Realisation model

The data collectors were created on ground floor.



**Measures implemented**

Active electricity energy consumption remote data reading

**Results**

Collected energy consumption data for analysis

**Benefits for the clients**

Energy consumption data for analysis

**Assistance provided**

Remote meter reading system installed by UAB Innovision Technologies.

**Contact**

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