

Prediction of the expected long-term development of electricity consumption

The regular meeting of experts from electricity industry took place on 1st April 2014 at the market operator premises (OTE, a.s). The meeting related to the new prediction of electricity consumption for 2050 year horizon.

The electricity consumption in 2013 was slightly lower than expected. After conversion to the climate conditions electricity consumption reached value of 58,4 TWh which corresponds to the annual decrease of approximately 0,4%. The results of the analysis of the latest development in electricity consumption and the latest prediction of electricity consumption shows that the prediction for 2014 expects a slight economic recovery and growth in electricity consumption by 0,6% to approximately 58,8 TWh (at the level of net domestic consumption). For the 2020 year horizon occurs according to the latest predictions an increase in electricity consumption by about 8%, by 2050 it increased by 29%. The prediction expect significant savings in the production sector (by 2050 will decrease the energy intensity of creation of added value by approximately 44%) and also in the household sector (average annual electricity savings of households by 2050 is around 1,5% of annual value of sector consumption).

At the meeting were also presented consumption prediction of electric vehicles sector. For 2050 year horizon, according to current predictions, consumption of electric vehicles sector will be approximately 7% of domestic net consumption.

Consumption of electricity and gas forecast and its presentation to the group of experts are being prepared in cooperation between OTE and EGU Brno as the inputs to the Project of the expected long-term balance between supply and demand of electricity and gas. A brief summary of the report is also regularly published in the "Statistics - Long-term balances" section of the public OTE website: <http://www.ote-cr.cz>

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OTE, a.s.

OTE, a.s., the Czech electricity and gas market operator, (OTE) is a joint stock company established in 2001. OTE provides comprehensive services to individual electricity and gas market players. OTE commenced organizing trading in the day-ahead electricity market in 2002 and the intra-day and block electricity markets in later years. OTE has been the market operator on the gas market since 2010 including operation of day-ahead gas market and intraday gas market. Continuous data processing and exchange required for the accounting and settlement of imbalance between the contractual and actual volumes of electricity and gas supplied and received are among services offered by the OTE to players in the Czech electricity and gas markets, as well as administrative procedures associated with a switch of supplier. The OTE also administers the National Register of Greenhouse Gas Emissions. OTE is the holder of the license for market operator's activities, which includes activities in the electricity and gas market in the Czech Republic.

Additional information is available on www.ote-cr.cz.