Siemens PTI Completes First Phase of Feasibility Study for the Introduction of Smart Grid in Ufa, Russia

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In early December 2013, the Management of the Russian power and heat company Bashkirenergo and Siemens representatives met to discuss the results derived from the first phase of the technical-economical feasibility study for the modernization of the Ufa City power supply system. The respective contract had been signed by Bashkirenergo and Siemens in September 2013.

Holger Mueller, Head of the Steady State System Studies department at Siemens PTI held a detailed presentation about the progress of the study. He reported that Siemens has completed a detailed analysis of the city’s electrical grid: “We have gathered all the required information and data for all possible options of a long-term system development. Amongst others, we have assessed both the status of the assets and load flow, and defined for which applications the grid model can be used.”

Mr. Mueller stressed that the introduction of Smart Grid elements is one of the key tasks of this modernization project. With the integration of Smart Grid technology the electrical losses can be reduced by more than 50 per cent. The Smart Grid concept today has highest priority in the development of electricity supply systems all around the world. During their stay in Ufa the Siemens delegation also had technical discussions with Bashkirenergo specialists and visited several relevant objects of the city’s electrical infrastructure.

Completion of the feasibility study for the modernization of the capital of Bashkirie is scheduled for the first quarter of 2014. Based on this study a decision will be made on how to proceed with the implementation.