



Load Research – Proposed Workshop Conclusions¹

USAID/BiH - REAP

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At the end of the workshop REAP promised to send the proposed conclusions to all the participants, asking them to submit their suggestions and comments to REAP by January 31, 2013. In the last presentation the following conclusions were presented:

1. **Achieved results:** The power utilities and the Subgroup for Load Research achieved significant results in load research and it was assessed that this work will be successfully finalized. USAID Expert Mr. Nuno Fidalgo confirmed this through his analysis of the Guidelines and the results of load research implemented by the power utilities to date.
2. **Continuation of the Subgroup’s work:** The subgroup on load research will continue its work on following issues:
 - a. Review the suggestions given in the presentation by Mr. Fidalgo in regard to the Guidelines the parts of the EP reports connected to the implementation of the Guidelines.
 - i. Review the possibility of reducing the number of subgroups in the category Other Consumption for the needs of load research by merging some groups,
 - ii. When choosing a sample it is desirable to combine the calculation methods and experience in order to reduce the number of samples for load research to a realistic number, especially in cases when the calculation yields a number of necessary observations that is larger than the number of customers in the sample.
 - iii. It is desirable to illustrate the application of statistical data processing by developing the normalized and weighted load curves to show how these results are applied to the population.
 - iv. The final version of the Guidelines will be prepared at the end of the Working group’s activities.
 - b. Review the EP reports in order to exchange experiences and consider potential problems that occur in load research and find solutions for them
 - c. Consider the proposal from Mr. Senad Aganović in regard to the issue of inclusion of customers with small consumption into load research.
 - d. Consider the possibility of combining the research results from all EPs in order to obtain an even more relevant research data base

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- e. Prepare the final meeting, which will be used to present the final results of research and give proposals to the regulators and power companies for its application.
- 3. Power utilities will consider:**
- a. Adopt, if they think appropriate, the Guidelines for Load Research as their own documents.
 - b. Use of the load research results and initiate its application in practice (balance planning, planning of network load, planning of network development)
 - c. The way in which the customer database should be reorganized in order to enhance the functioning of electricity market and load research.
- 4. The Regulatory Commissions will consider:**
- a. Adopt, if they think appropriate, the Guidelines for Load Research as their own document, as instruction for the power companies.
 - b. After obtaining the final report on load research, initiate the procedure for tariff design with a special focus on the network fee.
 - c. Develop documents that regulate roles-jurisdiction and define the processes for load research and the use of load research results.
 - d. Possible profiling methodologies for regulatory needs (Balance settlement, tariff design).
- 5. Load Curves for the period up to 1.1.2015:** The regulators will request and the EPs will determine the load curves only for the existing categories and customer groups without introducing new groups, fulfilling the existing obligations.
- 6. Preparations for 1.1.2015:** The regulatory commissions will request the EPs to implement the plan to do the following by 1.1.2015:
- i. Introduce new load curves
 - ii. Introduce new categories and customer groups
 - iii. Introduce new network tariffs for customer categories
 - iv. Determine a new process for the public supplier for the categories that have the right to use this supplier
- 7. Distribution of Guidelines:** REAP will distribute the printed Guidelines (200 copies) to the regulatory commissions, EPs and other interested parties.