



BUSINESS INTELLIGENCE IN MANAGING OF TECHNICAL-INFORMATION SYSTEM

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RESEARCH OBJECTIVES:

- “ Objective 1: Business intelligence
- “ Objective 2: Technical information system
- “ Objective 3: Logistic information system
- “ Objective 4: Information system of transformers



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SUMMARY

The reason for conducting research on information systems (IS) of maintenance, monitoring and diagnostics was to detect the role and importance of Business Intelligence (BI) and Logistic Information System (LIS) in managing the technical system. The research included hardware and software. By a comparative analysis of the IS functionality, as well as synthesis of the data collected, the following descriptive metrics were determined: the advantages and disadvantages of the application of BI.

CONCLUSIONS

Information systems play a major role in developing the global marketplace. The logistics information system is part of the information system of the organization that is integrated in the business intelligence and is correlated with the technical-information system.

EXAMPLE:

Electricity market participants need to set their business objectives, where only the result is relevant. A transformer maintenance, monitoring and diagnostics information system is a modern product using numerous modules and network operation tools. Analyzing data contained in the technical information system is the quickest way to establish feedback, enhance the effect of using the transformer maintenance, monitoring and diagnostics strategy, and obtain information necessary to make any adjustments on the transformer.



Information system cabinet

OUTCOMES:

- “ Outcome 1: Transformer Monitoring Information System
- “ Outcome 2: Transformer Technical Information System

OBSERVATIONS:

The development of an electric distribution system requires constant reduction of operating costs and increase of transformer availability. One of the ways to achieve such goals is to use a technical information system for transformer maintenance, monitoring and diagnostics. The liberalization of the electricity market has set new, more stringent requirements for secure electricity supply, whereby the reliable operation of transformers in electric distribution networks gains importance.

