

Implementation of SCADA systems for the realization of digital network transformation.

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The article presents a description of the modern approach to solving automation problems of dispatch control using the example of SCADA NPT Expert Plus. This solution combines a number of functions that improve the reliability and quality of network infrastructure management – using CIM-models, dispatcher's advisor, electronic switching forms, automatic analysis of trip information, electronic document management, integration with corporate information systems.

Keywords: CIM-model, Smart Grid, NPT Expert, operator's advisor, SCADA, topological analysis, electronic switching forms, electronic document management, equipment certification.