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METHODOLOGY FOR DESIGN OF MULTI-AGENT CONTROL SYSTEMS IN POWER INDUSTRY

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Abstract

The article shows expediency and promising of application of multi-agent technology to solve control problems in power industry. The design methodology of multi-agent control systems for various applications in power industry is shown. It focused on five major stages of development of such systems. Each uses the results of the previous stages of design. The methodology allows to design and develop multi-agent control system in compliance with the interoperability of components and taking into account system heredity. References 8, figure 1.

Key words: control system, multi-agent system, agent, information exchange.

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