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Abstract

Title: AI, Big Data Analytics, Security and Privacy Issues in Smart Energy Systems

Big data and AI have great potential to provide opportunities not only in many fields but also energy-enhancing technical, organizational, social, and economic gains and contributions. The current potential of applying big data and AI approaches for better planning, managing, designing, and securing power grid systems and operations is challenging and needs significant efforts. This talk will cover data security and privacy, cost, management, planning, and integration of big data into energy and power grid systems, along with some key challenges..