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*Peter Görgey, an electrical engineer in power engineering, former president (currently vice president) of the Energy Informatics Division of the Hungarian Electrotechnical Association, co-organizer of the annual Defense and Control Technology Forums, co-founder and co-mentor of the SeConSys collaboration, and head of the energy section at the CyberThreat.Report portal.*

## ***Lessons in Electrical and (Cyber) Security from the Disruption of the Ukrainian Power Grid***

*After the occupation, Ukraine was able to practically neutralize cyberattacks against its power grid. However, last fall, drone and missile attacks caused extensive and prolonged supply disruptions in the robust Ukrainian power grid. In Europe, there hasn't been such extensive destruction of the power network since World War II, causing intentional, widespread, and sustained power outages.*

*Based on available data, the presentation provides an overview of the attacks on the Ukrainian power system and their impacts. It showcases the possibilities and limitations of supply, as well as the constraints faced by power providers. It discusses the considerations that guide the restoration process and introduces the pillars forced into existence that will not only facilitate the system's simple reconstruction but also lead to a fundamentally enhanced system in light of these events. The presentation draws attention to potential domestic theoretical and practical implications of the blows suffered by the Ukrainian power system and provides insights into events occurring in the cyber domain*

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**Process Control  
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**PCS**

