Special Issue

Dynamic Line Rating Forecasting

Message from the Guest Editors

Dynamic Line rating is one key to unlock power line ratings most of the time. Up to 30% and even more power transit may be available on existing power lines without any risks. This is of particular importance for the network of tomorrow, with noticeably more renewables. But all of that can only be used if proper forecasting up to two days in advance can be properly estimated using appropriate tools. This is including meteorological forecasting (of wind production for example) and appropriate correlations with on-site measurement to avoid any risky congestions. And at the top of all, these tools have to be integrated in the SCADA system of TSO (transmission system operators). It is a fact that such technology is mature and already in used all around the world. This issue is devoted to presenting these new tools. Name

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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