499 - Digital (low Voltage) grid – Using new Technologies to Optimise Planning and Operational Processes

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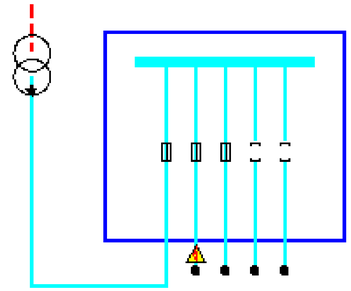
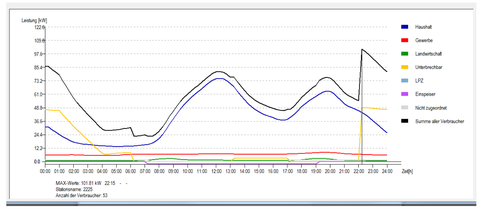
Ursache:						
Bermerkung						
Versorgungsausfall:	0xAO					
SCHALTSTELLE			**RICHTUNG**			
Betriebs-Mittel	N	KV-Nr, OZ, Mast, etc.	KV-Kennzeichen, Bermerkungsfeld, etc.	KV-Nr, OZ, Mast, etc.	KV-Kennzeichen, Bermerkungsfeld, etc.	Handlung	Schaltzeit Bemerkung
NH-SI	1	5466	Flachau Kindergarten	K507475	KV70	AUS	
NH-SI	1	5466	Flachau Kindergarten	K509056	KV174	AUS	

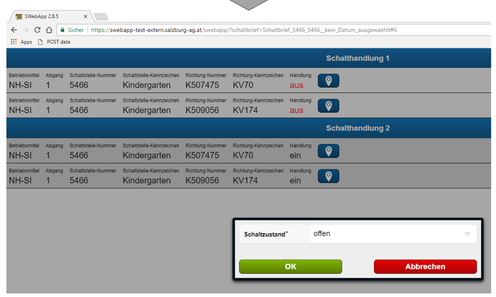
Switching records using excel printed on paper



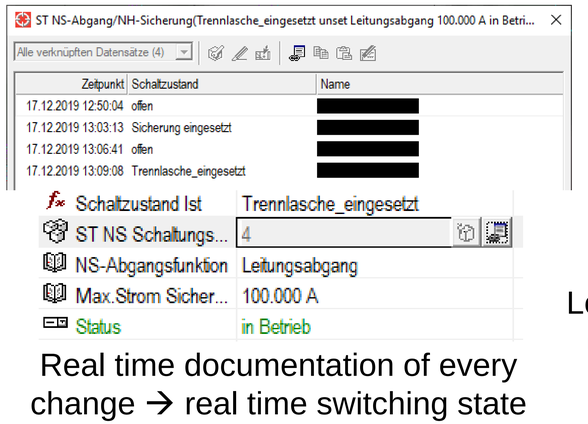
Singular “normal” switching status



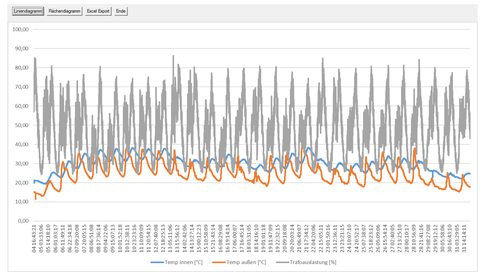
Synthetic load profile – transformer station



Digital switching records using a mobile GIS-APP



Real time documentation of every change → real time switching state



Load profile based on maxima per minute, temperature of transformer and outside temperature

What‘s going on in your (low voltage) grid?

- Collecting real time (measurement) data and using real time switching records helps to filter irrelevant data
- Planning and calculating with real time data and realistic scenarios
- Enables coping with e-mobility and pv-systems through prioritising reinforcements and maximising the use of existing infrastructure