



Electrical measurements



Grid Measurement & Analysis

Gridman engineers have participated in the following electrical measurements:

- Measurement of electrical quantities for the purposes of determining the causes of downtime of generator operation at TENERGO a.s. (12/2013).
- Measurement of electrical quantities at Fortischem, a.s. Nováky for the design of power factor compensation parameters of the planned carbide furnace (03/2014).
- Measurement of electrical quantities at MONDI SCP Ružomberok, a.s. for the purposes of design individual compensation parameters of high-voltage motors power factor (04/2014).
- Measurement of the operating load of 22 kV feeder – TNS Borša (09/2014).
- Measurement of electrical quantities for the purposes of determining the causes of local asymmetry in Zvolenská teplárenská a.s. (11/2014).
- Measurement of electrical quantities for the purposes of determining the causes leading to destruction of FKZ in TNS Zohor (12/2014).
- Measurement of electrical quantities for the purposes of finding out the real condition of capacitors of compensating devices in Slovnaft a.s. (01/2015).
- Measurement of electrical quantities for the purposes of verifying availability of sufficient compensation reactive power after planned extension of internal power system in Veolia a.s., Žiar nad Hronom (03/2015).

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- Measurement and analysis of switching overvoltages in MONDI SCP Ružomberok, a.s. (03/2015).
- Measurement of electrical quantities for the purposes of design a compensation device in Železiarne Podbrezová a.s. (03/2015).
- Measurement of switching overvoltages in TEKO a.s. (04/2015).
- Measurement of electrical quantities in hotel Termál (Vyhne) for the purposes of finding out the cause of incoming fines for not observing the power factor (07/2015).
- Measurement of electrical quantities at the incoming feeder to the CO₂ compressor for the purposes of determining the cause of compressor outages in Duslo Šaľa, a.s.(10/2015).
- Insulation measurement of reactor winding for the purposes of considering the possibility of their re-connection to the electricity network in Duslo Šaľa, a.s. (10/2015).
- Measurement of electrical quantities in Slovnaft a.s. (12/2015).
- Electrical measurements for the purposes of assessing the possibility of parallel operation of two internal parts of the power system in Zvolenská teplárenská a.s. (10/2017).
- Measurement of power consumption and power quality in NUDTaRCH, n.o. Dolný Smokovec (07/2019).