

References

Building electricity and energy installation design

- Budapest, Puskás Ferenc stadium (Arena) – 11 kV parts
- Budapest, MVM Dome (Budapest Multifunctional Event Hall) – 11 kV parts
- Dunamenti Power Plant Unit G3 (330+150 MW), electrical package – MV-LV-DC auxiliary power technology parts
- Budapest, Csepel Central wastewater treatment plant, technological system 10 kV; 0,4 kV; DC auxiliary power and monitoring system
- Kecskemét, W371 Mercedes project, 22 kV parts, protection selectivity test from 126 kV to 0,4 kV
- Debrecen, BMW W15.10 factory, 22 kV parts, power system planning, substation and building main distributors switchgear secondary design, control system planning, network calculations and protection system setting and selectivity tests from 126 kV to 0,4 kV
- Környe, AGC Glass PV system control parts design and network calculations and protection selectivity tests from 22 kV to 0,4 kV

Switchgear secondary design

- Budapest, National Athletics Centre – 11 kV parts
- Budapest, Hungexpo 11 kV secondary design of user parts (103 fields) and protection settings
- Etyek, Korda Film Studio (Etyekwood) electricity supply with electrical monitoring system – 22 kV parts, protection settings
- Bataapáti, Mecsekérc (nuclear landfill), generator 6,3 kV switchgear design
- Debrecen, Szeged, Electric Public Transport power supply - user MV equipment
- Zsana FGT 132/6,3 kV transformer protection replacement

Electrical Protection System Design

- Rácalmás, HANKOOK TIRE FACTORY – Phase III
- Nyergesújfalu, Zoltek Vegyipari Zrt. Electrical protection coordination plan (126 kV, 35 kV, 6 kV, 0,4 kV)
- Nyergesújfalu, TORAY 22 kV parts electrical protection settings



- HUNGAROCONTROL, Kőrishegy, Püspökladány radar stations complete electricity supply system renovation – 22 kV, 0,4 kV
- Kardoskút, MFGT natural gas storage electrical protection settings
- Budapest Airport 132/11 kV system network calculations
- Fehérgyarmat, PV plant network calculations and protection system setting and selectivity tests from 132 kV to 0,63 kV
- Győr, AUDI Hungária Zrt. electrical network modelling, from 132 kV connection to the 0,4 kV main distributors
- Nyíregyháza, W-SCOPE Hungary Plant 6,6 kV Chiller motors start-up simulations
- Vasmegyer, Nyírségwatt PV park, network calculations and protection system setting and selectivity tests from 22 kV to 0,63 kV
- Zsana FGT network calculations and protection system setting and selectivity tests from 132 kV to 0,4 kV

Public electrical network and public lighting design

- Power suppliers facilities (networks, transformer stations, switchgear, street lighting), electricity suppliers (ELMŰ Hálózati Kft., E.ON Észak-dunántúli Áramhálózati Zrt., E.ON Dél-dunántúli Áramhálózati Zrt., OPUS-TITÁSZ Áramhálózati Zrt., MVM ÉMÁSZ, továbbá az MVM DÉMÁSZ Áramhálózati Kft.)
- Electrical installations related to motorways, M0, M3, M4, M5, M7, M30, M35 and M6-M60 motorways

Lead designer activities, revising and nationalising foreign designs

- Komárom, SK BATTERY HUNGARY Kft. battery factory phase 1 and 2 – Lead design activity (2x50 MW)
- Rácalmás, HANKOOK TIRE FACTORY – Phase III
- Környe, Becton Dickinson Hungary Kft., syringe factory – Leading design activity

Electrical technical inspection

- LEGO factory, Nyíregyháza – 126 kV and 22 kV parts
- Budapest, XI., Somlói út RAIFFEISEN residential park
- Tatabánya, Vértess Center shopping center



Electrical technical expertise

- Police
- Court
- Power suppliers

Other references

- Szentgotthárd, OPEL factory, buildings H16-17, H18, H21 and H67 0,4 kV lighting and connection parts
- Szentgotthárd, OPEL plant, electricity supply 22 kV and 22/0,4 kV parts
- Kecskemét, SMP (SMR) Electric power supply of bumper factory – user MV parts
- Budapest Electricity supply of Xellia Magyarország Kft. – user MV parts
- Budapest Airport Zrt., Budapest, Ferihegy, Design and installation of an integrated fence protection intrusion alarm system – electrical power parts and obstacle lighting power parts
- Budapest – HUNGEXPO, NEW HORIZON 2007 project
- Budapest Airport Zrt. Replacement of 10 kV cables and auxiliary cables between transformer stations and laying of new cables
- Budapest Airport Zrt. T2A- T2B terminals and post office logistics 10 kV system
- Budapest Airport Zrt., LFR A8-9 taxiway lighting system cabling
- Dunaújváros, Hamburger Hungária small power plant electrical parts and technological cabling, supporting structures
- Electricity supply of FIX complex transport checkpoints – ORFK project, 134 locations
- E-toll system, electricity supply of control stations (EDF DÉMÁSZ area and along Hungarian motorways)
- Pétfürdő, Nitrogénművek, argon plant spherical tanks - lightning protection
- Kecskemét, KNORR-BREMSE Fékrendszerek Kft. New brake production base - 22 kV parts
- Albertirsa, Aquarius-Aqua Kft. Soft drink production and mineral water bottling halls electrical supply
- Törökbálint, PANNON headquarters – 22 kV electricity supply
- Gödöllő, GSK, GlaxoSmithKline Biologicals pharmaceutical company – electrical supply system
- Debrecen, Richter pharmaceuticals factory – 22 kV electricity supply of
- Miskolc, Csanyik-valley, Sanofi–Synthelabo Chinoin (today: Sanofi–Chinoin) pharmaceutical factory electricity supply



- Budapest, EGIS pharmaceuticals factory
- Budapest, Aquaworld adventure bath and hotel complex electricity supply
- Budapest, OTP BANK ITÜI electricity supply and central No. 1. UPS System refurbishment, UPS System Construction No. 2
- Budapest, OTP Headquarters replacement of main switchgear and sub switchgear
- Gárdonyi, Hotel Nautis ****
- Electricity supply of hospitals: Cegléd, Pápa, Szikszó, Vác, Nyíregyháza
- Nagykanizsa, GENERAL-ELECTRIC Hungary Rt. gas engine power plant
- Vác, GENERAL-ELECTRIC Hungary Rt. gas engine power plant – 10 kV parts
- Halmajugra, RIGIPS factory electricity supply
- Gödöllő, Szent István University, development of a small solar power plant
- Tápiószéle, GANZ-TRANSELEKTRO medium voltage rotating machine factory – rehearsal room electrical technology (unique medium voltage electrical technology)
- Oroszlány, WESLIN foundry, electrical network design concept plan (40 MW)
- Balassagyarmat, DELPHI ^ CALSONIC car air conditioning compressor manufacturing plant
- Rétság, industrial park, GIBBS DIE CASTING HUNGARY auto parts factory
- Hatvan, Decathlon logistics center
- Iklad, IMI-LOROY SOMER factory
- Tatabánya, Grundfos electric motor factory
- Marcali, ZIEHL-ABEGG Kft., foundry
- Nyíregyháza, Városkapu shopping center electricity supply – 11 kV parts
- Szombathely, BVOP - prison
- Debrecen, NATIONAL INSTRUMENTS electronics factory electricity supply
- Debrecen, Swimming pool– 11 kV electricity supply
- Debrecen, ITSH– 22 kV electricity supply
- Soroksár, Székesfehérvár, Csömör BRICOSTORE stores
- Budapest, XIII. Spirál Irodaház electricity supply
- Budapest, Albertfalva Savoya-Park shopping center, electricity supply
- MOL Nyrt., Gomba-1 and Nagykáta collection stations, microturbine small power plant
- Kecskemét, Thyssen Production Systems Kft. hegesztőcsarnok
- Kecskemét, Pólus Róna shopping center electricity supply
- Zalakaros, Hotel KAROS FIT electricity supply – with gas engine connection
- PANNON GSM (YETTEL), VODAFONE stations

