

GRUPA B3 – RASKLOPNA I SLIČNA ELEKTORENERGETSKA POSTROJENJA
GROUP B3 – SUBSTANTIONS AND ELECTRICAL INSTALLATIONS

Predsjednik/Chairman: ZDRAVKO ŠOJAT, dipl. ing. el.

Tajnik/Secretary: BRANIMIR ĐIKIĆ, dipl. ing. el.

Stručni izvijestitelj/Expert reporter: dr. sc. Javor Škare, dipl. ing. el.

B3-01 Viktor Lovrenčić, Ana Lovrenčić, Veljko Janjić, Primož Vintar
UPOTREBA 3D PROJEKTIRANJA I BIM METODOLOGIJE KOD GRADNJE
TRANSFORMATORSKIH STANICA

USE OF 3D DESIGN AND BIM METHODOLOGY IN THE CONSTRUCTION OF TRANSFORMER STATIONS

B3-02 Sonja Ravlić Begić, Velimir Ravlić, Tajana Nižić
SPECIFIČNOSTI TRANSFORMATORA ZA SUNČANE ELEKTRANE VELIKE SNAGE
SPECIFIC REQUIREMENTS FOR TRANSFORMERS FOR HIGH POWER SOLAR POWER PLANTS

B3-03 Marko Šimić, Tomislav Havrlišan, Darko Sukalić, Romeo Matić, Tomislav Radošević
ZAMJENA ENERGETSKOG RAZVODA TOPLINSKE STANICE 3BD
REPLACEMENT OF THE POWER DISTRIBUTION PLANT OF THE HEAT STATION 3BD

B3-04 Robert Butorac, Kristian Lazarić, Aleksandar Šuša, Damir Miščenić
ZAMJENA IZMJENIČNOG RAZVODA 0,4 KV I 10 KV PREKIDAČA U TS 400/220/110 KV
MELINA
REPLACING OF 0,4 kV AC POWER DISTRIBUTION SYSTEM AND 10 kV CIRCUIT BREAKERS IN TS 400/220/110 kV MELINA

B3-05 Javor Škare, Nebojša Mileusnić
PROJEKTIRANJE SUSTAVA NAPAJANJA S LI-ION BATERIJAMA
DESIGN OF POWER SUPPLY SYSTEM WITH LITHIUM-ion BATTERIES

B3-06 Velimir Ravlić, Ante Ravlić, Josip Bošnjak.
MOGUĆNOST PRIMJENE SMANJENIH MODELA STEZALJKI KOD ISPITIVANJA PORASTA
TEMPERATURE STEZALJKI U POSTROJENJIMA
REDUCED SCALE FEASIBILITY OF TEMPERATURE RISE TESTS IN SUBSTATION CONNECTORS

B3-07 Miroslav Křepela
UTJECAJ POTRESA NA DIMENZIONIRANJE PRIKLJUČAKA VN APARATA UŽETNIM VODIČIMA
INFLUENCE OF EARTHQUAKE ON THE DIMENSIONING OF CONNECTIONS OF HIGH-VOLTAGE APPARATUS BY ROPE CONDUCTORS

B3-08 Marin Šafranko, Norman Žegarac, Alen Mazalica, Marko Malnar, Suzana Javornik Vončina
REKONSTRUKCIJA MREŽNO-AGREGATSKOG I UPS NAPAJANJA, 0,4 KV, 50 HZ U MC/RDC
ZAGREB
RECONSTRUCTION OF MAINS, GENERATOR AND UPS POWER SUPPLY, 0,4 kV, 50 Hz IN MC/RDC ZAGREB

B3-09 Josip Jakab, Robert Noskov, Hrvoje Glavaš, Stjepan Đurački, Mato Rošić
DETEKCIJA POTENCIJALNOG MJESTA KVARA PRIMJENOM INFRACRvene TERMOGRAFIJE
INFRARED THERMOGRAPHY POTENTIAL FAULT POINT DETECTION

B3-10 Sonja Ravlić Begić, Tomislav Župan, Velimir Ravlić, Ivan Šeparović
UGRADNJA MAGNETSKOG ZASLONA SVC POSTROJENJA U TS 400/220/110/10 KV KONJSKO
INSTALLATION OF MAGNETIC SHIELD FOR SVC (STATIC VAR COMPENSATOR) IN SS
400/220/110/10 kV KONJSKO

B3-11 Toni Rezić, Damir Sumina, Romeo Matić, Marko Džeba
REDUNDANCIJA NAPAJANJA U ELEKTROENERGETSKOM POSTROJENJU
REDUNDANCY OF POWER SUPPLY IN POWER PLANT

B3-12 Velimir Ravlić, Ante Ravlić, Josip Bošnjak, Sonja Ravlić Begić
PRORAČUNSKE METODE ODREĐIVANJA POGORŠAVANJA SVOJSTAVA ZBOG STARENJA
PREŠANIH SPOJEVA VODIČA
EVOLUTION METHOD OF AGING DETERIORATION CHARACTERISTICS OF COMPRESSED
JOINTS

B3-13 Ljiljana Šmigovec, Bruno Galić, Andrej Mađarac, Ante Ravlić
PROVIZORNO NAPAJANJE ZA POTREBU REKONSTRUKCIJE 110 KV POSTROJENJA U TS
110/35/10 KV NAŠICE
TEMPORARY POWER SUPPLY DURING 110 kV SWITCHGEAR RECONSTRUCTION IN 110/35/10
kV NAŠICE SUBSTATION

B3-14 Dragan Ljubičić, Mario Marton, Tomislav Radošević, Tomislav Vdović
USPOSTAVA PROVIZORNOG NAPAJANJA U TS 220/110/10 KV MRACLIN
TEMPORARY POWER SUPPLY OF 220/110/10 kV MRACLIN SUBSTATION DURING 220 kV
SWITCHGEAR RECONSTRUCTION