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101. Analysis of Voltage Stability Index for a Distribution Grid with Photovoltaic and Battery Energy Storage Systems

102. Analysis of Benefits after Installing Battery Energy Storage in Distribution Feeder with Presence of Photovoltaic Plants in Brazilian Electrical System

103. Impacts of a Power Storage System Based on Lead Carbon and Lithium Technologies in 13,8 kV Distribution Network - Technical, Economic and Regulatory Challenges

104. Lessons learnt from the 800 MWh Utility Scale Battery Energy Storage Systems (BESS) Project in South Africa

106. Contribution of energy storage to capacity adequacy –
Application to island power systems

107. Research on SOC balanced control of flexible group energy storage system with echelon used batteries

108.Distributed Resources Providing Ancillary Services: operating DSO owned storage without market interferences

109. Implementation of Battery Energy Storage for Frequency and Power Profile Regulation, and Spinning Reserve Management

110.Energy storage application for improving transients performance of synchronous distributed generation

111. Assessment of distribution grid losses depending on storage location for residential PV systems in three grids in the region of Murcia

112. Considerations for Energy Storage in Distribution Planning

113. Accounting for the uncertainty associated with consumer-led demand side response

114. Modelling Considerations for Assessing Smart Inverter Functions – A Case Study from Northern California

115. Using advanced modular FACTS to increase flexibility of distribution networks and enable the connection of more distributed energy resources

116. Optimization of the Effect of Electric Vehicle Charging Stations by Genetic Algorithm

117. Effects of Electric Vehicles Charging on Power Distribution Systems “A Case Study in Aqaba-Jordan”

118. Research on Ordered Charge Control System of Electric Vehicle Based on New Acquisition Communication and Control Equipment

119. A Conceptual Framework for Sub-Transmission Expansion Planning of Active Distribution Systems, focused on South American Networks

120. Achievements, Experiences, and Lessons Learned from the European Research Infrastructure ERIGrid related to the Validation of Power and Energy Systems

122. Installation of DER in Distribution Automation Schemes

123. Innovative Solutions for Smart Management of Power Grids

124. Voltage Control in the Active Networks, Oman Case Study

126. Smart Transformer Use in Net-Zero Energy Factories

127. Reduction method for planning cross energy carrier networks in the cellular approach applicable for stability assessment in low-voltage networks

201. Distributed Energy Resources aggregation platforms for the provision of flexibility services

202. Microgrid Control Platform to Provide Industrial Site in the USA with Efficient and Reliable Management of Distributed Resources and Energy Storage Systems

204. Cyber-Physical Resilient Interoperable Microgrid Networks

205. Using a Real Time Digital Simulator to Test a Microgrid Integrated Solar Storage Technology

206 A Microgrid Validation Centre to enable Validation and Optimisation of the Design, Simulation, Intelligent Control and Asset Management of Microgrid

207. Cellular approach and new grid edge solutions for distribution systems and industrial sites in Germany

208. Demonstrating a Virtual Power Plant on the Isles of Scilly

209. Real-Time Control Algorithm for the Integration of a Battery Energy Storage System to Optimize the Power Generation on a real Island Microgrid System: Conceptualization and Validation

210. 4-legs electronic active load for anti-islanding evaluation

211. Battery Energy Storage System based Voltage and Frequency Control of An Island Distribution Network

212. Enhancing flexibility, reliability, and resilience of isolated power systems via variable speed diesel integration

214. Enel experience in rural electrification South America area

215. Conceptualising hybrid power system and microgrid design for a remote touristic village supply

216. Tapping of Power from Overhead Earthwire of EHV Transmission line to supply remotely located Telecom load - POWERGRID Experience

217. A simple rule-based energy management system for off-grid systems

218. Hardware in the loop microgrid controller testing

219. Novel Control of Multi-Level Inverter Based Microgrid with Hybrid Generation

220. Development of a state estimator based modular toolset

221. Active Distribution Test System for Typical New Zealand MV and LV Networks

HRO CIGRE: sljedeća stranica

Hrvatski ogranak CIGRE

01 REGULATORNI POGLED NA INTEGRACIJU MJESTA ZA PUNJENJE ELEKTRIČNIH VOZILA U ELEKTROENERGETSKI SUSTAV

02 FUNKCIONIRANJE MIKROMREŽE U RAZLIČITIM NAČINIMA RADA

03 ISKUSTVA PROVEDBE OPERATIVNOG PLANA I PROGRAMA ISPITIVANJA PRIMJERENOG PARALELNOG POGONA DISTRIBUIRANIH IZVORA ELEKTRIČNE ENERGIJE S DISTRIBUCIJSKOM MREŽOM U POKUSNOM RADU

04 ENERGETSKA TRANZICIJA I STRUKTURA TARIFA ZA PRIJENOS I DISTRIBUCIJU ELEKTRIČNE ENERGIJE

05 ENERGETSKE ZAJEDNICE GRAĐANA I ZAJEDNICE OBNOVLJIVE ENERGIJE TE NJIHOVA IMPLEMENTACIJA U ZAKONODAVSTVO REPUBLIKE HRVATSKE

06 PROCJENE GUBITAKA ELEKTRIČNE ENERGIJE U COMMUNITY GRID KONCEPTU

07 POMOĆNE USLUGE KORISNIKA DISTRIBUCIJSKOG SUSTAVA – NOVO POGLAVLJE U VOĐENJU SUSTAVA

08 PRIJEDLOG AKTIVNOSTI U CILJU IZRADE PRVOG (PILOT) UGOVORA O PRUŽANJU POMOĆNE USLUGE U DISTRIBUCIJSKOJ MREŽI

09 NOVA METODOLOGIJA I MODEL ZA OCJENU PERSPEKTIVE PRIJELAZA SREDNJONAPONSKE 10 kV MREŽE NA 20 kV POGONSKI NAPON

10 RAZVOJ DISTRIBUCIJSKE MREŽE ELEKTROPRIMORJA RIJEKA, PODRUČJA SJEDIŠTA (GRAD RIJEKA I OKOLICA) I TERENSKE JEDINICE OPATIJA (OPATIJSKA RIVIJERA) ZA RAZDOBLJE NAREDNIH 20 GODINA

11 MODELIRANJE OPTEREĆENJA TS SN/NN PRI IZRADI STUDIJA RAZVOJA DISTRIBUCIJSKE MREŽE

12 UTJECAJ POTRESA NA DISTRIBUCIJSKU MREŽU ELEKTRE SISAK

13 TRANSFORMATORSKA STANICA TS ZAMOŠĆE 110/10(20) kV- 35/20(10) kV - IZAZOVI U ISHOĐENJU GRAĐEVINSKE DOZVOLE

14 PRIJEDLOG POBOLJŠANJA PRISTUPA ODS-a U ODRŽAVANJU PROPISANIH VRIJEDNOSTI NAPONA U MREŽI NAZIVNOG NAPONA OD 0,4 kV DO 110 kV

15 DINAMIČKA REKONFIGURACIJA DISTRIBUCIJSKE MREŽE

16 ANALIZA ELEKTROENERGETSKE BILANCE REPUBLIKE HRVATSKE NA SATNOJ RAZINI