

KIRIAKOS SIDERAKIS

Date of birth: 31/03/1976 | **Nationality:** Greek | **Gender:** Male | **Phone number:** (+30) 6979977482 (Work) |

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Email address: k.siderakis@gmail.com |

Address: Terma Kastorias,, Katsampas, 71307, Heraklion, Greece (HEDNO S.A.) |

Address: Estavromenos, 71410, Heraklion, Greece (HMU) |

Address: Aristidou 39, 71307, Heraklion, Greece (Home)

● ABOUT ME

Εδώ μπορείτε να δώσετε μια περιγραφή για εσάς ...

● WORK EXPERIENCE

02/05/2022 – CURRENT Heraklion, Greece

HEAD OF SECTOR, HIGH VOLTAGE SUBSTATIONS SECTOR OF CRETE HEDNO

10/01/2024 – CURRENT Heraklion, Greece

HEAD OF SECTOR, HIGH VOLTAGE TRANSMISSION LINES SECTOR - CRETE AND RHODES HEDNO

31/12/2020 – 02/05/2022 Heraklion, Greece

HEAD OF SUBSECTOR, HIGH VOLTAGE SUBSTATIONS SUBSECTOR OF CRETE HEDNO

30/11/2015 – 30/11/2020 Heraklion, Greece

HEDNO

11/2019 – CURRENT Heraklion, Greece

ASSOCIATE PROFESSOR HELLENIC MEDITERRANEAN UNIVERSITY

High Voltage Technology and outdoor insulation

12/2013 – 12/2019 Heraklion, Greece

ASSISTANT PROFESSOR TECHNOLOGICAL EDUCATIONAL INSTITUTE OF CRETE

High Voltage Technology and outdoor insulation

01/2008 – 01/2014 Heraklion, Greece

LECTURER TECHNOLOGICAL EDUCATIONAL INSTITUTE OF CRETE

03/2008 – 02/2010 Heraklion, Greece

ELECTRICAL ENGINEER PUBLIC POWER CORPORATION

01/2007 – 02/2008 Greece

MILITARY SERVICE GREEK ARMY

Radar and telecommunications operator

12/2001 – 02/2007 Heraklion, Greece

LABORATORY ASSISTANT TECHNOLOGICAL EDUCATIONAL INSTITUTE OF CRETE

EDUCATION AND TRAINING

1999 – 2006 Patras, Greece

PHD THESIS University of Patras, Electrical and Computer Engineering Department

Address Πίο, 26504, Patras, Greece | **Website** <https://upatrasece.wixsite.com/hvlab> |**Field of study** Electricity and energy

1993 – 2000 Patras, Greece

DIPLOMA OF ELECTRICAL ELECTRICAL AND COMPUTER ENGINEERING University of Patras, Electrical and Computer Engineering Department

Διπλωματική εργασία: Μελέτη και κατασκευή βιομηχανικού αντιστροφέα συνεχούς τάσης σε μονοφασική εναλλασσόμενη με τρανζίστορ MOSFET (Βαθμός:10)

Address Πίο, 26504, Patras, Greece | **Website** <http://www.ece.upatras.gr> |**Field of study** ΣΥΣΤΗΜΑΤΑ ΗΛΕΚΤΡΙΚΗΣ ΕΝΕΡΓΕΙΑΣ | **Final grade** 7,77**LANGUAGE SKILLS**

Mother tongue(s): **GREEK**

Other language(s):

| | UNDERSTANDING | | SPEAKING | | WRITING |
|----------------|---------------|---------|-------------------|--------------------|---------|
| | Listening | Reading | Spoken production | Spoken interaction | |
| ENGLISH | C2 | C2 | C2 | C2 | C2 |

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user***DIGITAL SKILLS**

Computer literacy(Microsoft Word,Excel,Office,Powerpoint,Outlook,Adobe Photoshop) | Video Conferencing (Zoom, Teams, Skype, Webex) - Advanced | Basic programming C, C++ | Outlook | Gmail | INTERNET | ZOOM | Skype | C / C++ | Microsoft Visio | AutoCad (Βασική Γνώση) | VISUAL BASIC | MS. Office Programs: Word, Excel, Powerpoint, Outlook, Project, Visio, OneDrive, OneNote, ToDo | AutoCAD and Inventor CAD program | fortran | Matlab Simulink

ADDITIONAL INFORMATION

PUBLICATIONS**[K. Siderakis, D. Pylarinos, "Room temperature vulcanized Silicone Rubber coatings, Application in high voltage substations](#)**

– 2014

"Concise Encyclopedia of High-Performance Silicones", John Wiley & Sons Inc (US) (ISBN# 97811184696

[K. Siderakis, D. Pylarinos, E. Thalassinakis, "Application of coatings in outdoor high voltage installations"](#)

– 2021

Handbook of Modern Coating Technologies: Applications and Development: Volume 3 (97804444632401)

O. Kokkinaki, A.Klini, M. Polychronaki, N. Mavrikakis, K. Siderakis, E. Koudoumas, D. Pylarinos, E. Thalassinakis, K. Kalpouzos, D. Anglos, Assessing the type and quality of high voltage composite outdoor insulators by remote LIBS analysis: A feasibility study,

N. Mavrikakis, P. N. Mikropoulos and K.Siderakis, "Evaluation of field-ageing effects on insulating materials of composite suspension insulators",

- 2017

IEEE Transactions on Dielectrics and Electrical Insulation, Vol. 24, Issue 1, pp. 490-498, February

D. Pylarinos, K. Siderakis, E. Thalassinakis, N. Mavrikakis, E. Koudoumas, E. Drakakis, E. Kymakis, "A New Approach for Open Air Insulator Test Stations: Experience from Talos and the Polydiagno Project"

- 2016

Journal of Electrical Engineering, Vol. 16, No. 2, Art. No. 16.2.32, pp. 269-273, 2016

N. Mavrikakis, K. Siderakis, E. Koudoumas, E. Drakakis, E. Kymakis, "Laboratory Investigation of the Hydrophobicity Transfer Mechanism on Composite Insulators Aged in Coastal Service",

- 2016

Engineering, Technology & Applied Science Research, Vol. 6, No. 5, pp. 1124-1129, 2016

D. Pylarinos, I. Androulidakis, K. Siderakis, E. Drakakis, "A MATLAB/SIMULINK Approach for a First Course in Power Electronics",

- 2016

Journal of Engineering Science & Technology Review, 2016, Vol. 9 Issue 5, p55-59. 5p.

M. Dimitropoulou, D. Pylarinos, K. Siderakis, E. Thalassinakis, M. Danikas, "Comparative Investigation of Pollution Accumulation and Natural Cleaning for Different HV Insulators",

- 2015

Engineering, Technology & Applied Science Research, Vol. 5, No. 2, pp. 764-774, 2015

D. Pylarinos, K. Siderakis, E. Thalassinakis, "ESDD Measurements In The Power System Of Crete" - 2014

Journal of Electrical Engineering, Vol. 14, No. 4, 2014

K. Theofilatos, D. Pylarinos, S. Likothanassis, D. Melidis, K. Siderakis, E. Thalassinakis, S. Mavroudi, "A Hybrid Support Vector Fuzzy Inference System for the Classification of Leakage Current Waveforms Portraying Discharges"

- 2014

Electric Power Components and Systems, Volume 42, Issue 2, January 2014, pages 180-189,

D. Pylarinos, K. Theofilatos, K. Siderakis, E. Thalassinakis, "Discharges Classification using Genetic Algorithms and Feature Selection Algorithms on Time and Frequency Domain Data Extracted from Leakage Current Measurements",

- 2013

Engineering, Technology & Applied Science Research, Vol. 3, No. 6, pp. 544-548, 2013

I.V. Tudose, M. Sucheana, K. Siderakis, E. Thalassinakis, E. Koudoumas, Comparative study on field collected samples of aged silicon rubber composite coatings for high voltage insulators,

- 2013

ACTA CHEMICA IASI, 21_2, 93-106, 2013

D. Pylarinos, K. Theofilatos, K. Siderakis, E. Thalassinakis, I. Vitellas, A. T. Alexandridis, E. Pyrgioti, "Investigation and Classification of Field Leakage Current Waveforms",

- 2012

IEEE Transactions on Dielectrics and Electrical Insulation, Vol. 19, No. 6, pp. 2111-2118, 2012

D. Pylarinos, K. Siderakis, E. Thalassinakis, E. Pyrgioti, I. Vitellas, S. L. David, "Online applicable techniques to evaluate field leakage current waveforms",

- 2012

D. Pylarinos, K. Siderakis, E. Pyrgiotti, E. Thalassinakis, I. Vitellas, "Impact of noise related waveforms on long term field leakage current measurements",

– 2011

IEEE Transactions on Dielectrics and Electrical Insulation Vol. 18, No. 1, pp. 122-129, 2011

D. Pylarinos, K. Siderakis, E. Pyrgiotti "Measuring and analyzing leakage current for outdoor insulators and specimens",

– 2011

Reviews on Advanced Materials Science, Vol. 29, No. 1, pp. 31-53, 2011,

K. Siderakis, D. Pylarinos, E. Thalassinakis, I. Vitellas, "High voltage substation pollution maintenance: the use of RTV silicone rubber coatings",

– 2011

Journal of Electrical Engineering, Vol. 11, No. 2, Article 11.2.22, pp. 1-6,

D. Pylarinos, K. Siderakis, E. Thalassinakis, E. Pyrgiotti, I. Vitellas, "Investigation of leakage current waveforms recorded in a coastal high voltage substation",

– 2011

Engineering, Technology & Applied Science Research, Vol. 1, No. 3, pp. 63-69,

D. Pylarinos, K. Siderakis, E. Pyrgiotti, E. Thalassinakis, I. Vitellas, "Automating the classification of field leakage current waveforms",

– 2011

Engineering, Technology & Applied Science Research, Vol. 1, No. 1, pp. 8-12,

K. Siderakis, D. Pylarinos, E. Thalassinakis, E. Pyrgiotti, I. Vitellas, "Pollution maintenance techniques in coastal high voltage installations",

– 2011

Engineering, Technology & Applied Science Research, Vol. 1, No. 1, pp. 1-7

K. Siderakis, D. Agoris, Performance of RTV SIR coatings installed in coastal systems. – 2008

Electric Power Systems Research, Vol 78, Issue 2, February 2008, Pages 248-254.

K. Siderakis, D. Agoris, S. Gubanski, Salt fog evaluation of RTV SIR coatings with different fillers, – 2008

IEEE Transactions on Power Delivery, Vol. 23, Issue 4, October 2008

K. Siderakis, D. Agoris, S. Gubanski, Influence of heat conductivity on the performance of rtv sir coatings with different fillers,

– 2005

Journal of physics D: Applied Physics, 38(2005),3682-3689p.

K. Siderakis, D. Agoris, J. Stefanakis, E. Thalassinakis, Influence of the profile on the performance of porcelain insulators installed in coastal high voltage networks in the case of condensation wetting

– 2006

IEE Proceedings, Science, Measurement and Technology, Volume 153, Issue 4, p. 158-163

K. Siderakis, D. Agoris, E. Pirgiotti, E. Thalassinakis, Investigation of leakage Current on High Voltage Insulators - Field Measurements

– 2004

WSEAS TRANSACTIONS on CIRCUITS and SYSTEMS, Issue 5, Volume 3, July 2004

K. Siderakis, E. Thalassinakis, I. Vitellas, D. Pylarinos, "Substation pollution maintenance using RTV silicone coatings",

- 2009

INMR Issue 84, Vol. 17, No. 2, pp. 34-43

Κ. Σιδεράκης, Ε. Θαλασσινάκης, Ι. Στεφανάκης, Δ. Αγορής, Ε. Πυργιώτη, Η ρύπανση των μονωτήρων σε υποσταθμούς υψηλής τάσης - Μέθοδοι αντιμετώπισης

Δελτίο Π.Σ.Δ.Μ.Η., Τεύχος 389, Ιούλιος - Αύγουστος 2006

N. Mavrikakis, K. Siderakis, K. Mouratis and E. Koudoumas, Ageing of a silicone rubber insulator caused by the inclined plane test

15th International Conference on Physics of Advanced Materials,
November 19 - 26, 2023, in Sharm El Sheikh, Egypt

N. C. Mavrikakis, K. Siderakis, K. Mouratis and E. Koudoumas, Condition assessment of 150 kV outdoor composite insulators following a vegetation fire event,

23rd International Symposium on High Voltage Engineering,
28 August- 1 September 2023, Glasgow, Scotland, UK

N. Mavrikakis, S.Kouroupakis, K. Siderakis, E. Koudoumas, G. Alexakis , J. Fasoulas , M. Sfakiotakis, Utilising UAV Technology for Aerial Inspection of Crete's Transmission System: Current Applications and Future Perspectives

15th DEMSEE, Deregulated Electricity Market issues in South-Eastern Europe,
June 26-27, 2023, Heraklion, Crete

N. Mavrikakis, K. Siderakis, K. Mouratis , E. Koudoumas, G. Kantemiris, S. Couris, O. Kokkinaki and D. Anglos, Implementation of FTIR and LIBS analysis techniques for identifying the ageing of outdoor composite insulators,

15th DEMSEE, Deregulated Electricity Market issues in South-Eastern Europe,
June 26-27, 2023, Heraklion, Crete

N. Mavrikakis, K. Siderakis, E. Koudoumas, M. Sfakiotakis, G. Georgousis, E. Hontzopoulos, S. Couris, D. Anglos, Power-LIBS: A novel technology for remotely assessing the condition of composite HV insulators

14th DEMSEE, Deregulated Electricity Market issues in South-Eastern Europe,
June 20-21, 2022, Heraklion, Crete

D. Polygenis, D. Stefas, N.C. Mavrikakis, K. Siderakis, K. Mouratis, E. Koudoumas and S. Couris, A spectroscopic study for the characterization of high voltage composite insulators,

XXVI Pan-Hellenic conference on Solid-State Physics and Materials Science
Heraklion, 26-28 September 2022.

NETWORKS AND MEMBERSHIPS

CIGRE

IEEE

TECHNICAL CHAMBER OF GREECE

DRIVING LICENCE

Driving Licence: B

PROJECTS

01/09/2021 - CURRENT

PowerLibs «Αξιολόγηση εξ αποστάσεως και σε πραγματικό χρόνο της λειτουργικότητας πολυμερικών μονωτήρων υπαίθριων εγκαταστάσεων υψηλής τάσης» Κεντρικό στόχο του προτεινόμενου έργου αποτελεί η ανάπτυξη καινοτόμου διαγνωστικής διαδικασίας με βάση την τεχνική Remote-LIBS (Laser-Induced Breakdown Spectroscopy) που θα επιτρέπει την ταχεία, εξ αποστάσεως και σε πραγματικό χρόνο αξιολόγηση της φυσικής και λειτουργικής κατάστασης συνθετικών μονωτήρων, τύπου SIR (Silicone Rubber), που χρησιμοποιούνται ευρέως σε υπαίθριες γραμμές μεταφοράς ηλεκτρικής ενέργειας υψηλής τάσης.

Με αφητηρία αποτελέσματα προηγούμενης ερευνητικής συνεργασίας (μεταξύ ΔΕΔΔΗΕ, ΕΛΜΕΠΑ, ΙΤΕ) η παρούσα σύμπραξη στοχεύει στην ανάπτυξη μιας ολοκληρωμένης διαγνωστικής διαδικασίας (Εικ. 1) που στηρίζεται:

α) στο σχεδιασμό και κατασκευή ολοκληρωμένου συστήματος Remote-LIBS (R-LIBS), για χρήση στο πεδίο, με βάση προηγμένη τεχνολογία εξ αποστάσεως ανάλυσης (remote sensing) για το χαρακτηρισμό συνθετικών μονωτήρων χωρίς να απαιτείται απομάκρυνση αυτών από τις γραμμές μεταφοράς.

β) στη χρήση προηγμένων αλγορίθμων μηχανικής μάθησης και νευρωνικών δικτύων με σκοπό την ανάπτυξη ισχυρών εργαλείων για την επεξεργασία και αποτίμηση των φασματικών δεδομένων LIBS ώστε να επιτυγχάνεται αξιόπιστη κατηγοριοποίηση των μονωτήρων ως προς τα φυσικά, λειτουργικά χαρακτηριστικά τους,

γ) στη χρήση τηλεκατευθυνόμενου μη επανδρωμένου ιπταμένου οχήματος (UAV/drone) με σκοπό την ασφαλή προσέγγιση των μονωτήρων και οπτική επιθεώρηση αυτών για τον ακριβέστερο προσδιορισμό, στην επιφάνεια του κάθε μονωτήρα, της κατάλληλης περιοχής ανάλυσης με το σύστημα R-LIBS.

2017

Υλοποίηση Κεντρικού Κέντρου Ελέγχου Ενέργειας στην Αθήνα και τοπικού Κέντρου Ελέγχου Ενέργειας στο Ηλεκτρικό Σύστημα της Ρόδου Τακτικό μέλος της Επιτροπής Τεχνικής Κρίσης και Αξιολόγησης Προσφορών (ΔΥΜΠ/γ.α./135/03.08.2018)

03/2013 – 06/2015

Investigation of the performance of polymer based outdoor insulators used in high voltage applications and development of a remote and real-time diagnostic technique for the evaluation of their functionality *Investigation of the performance of polymer based outdoor insulators used in high voltage applications and development of a remote and real-time diagnostic technique for the evaluation of their functionality*, **POLYDIAGNO** research project (code: 11SYN-7-1503) which is a research project implemented through the Operational Program "Competitiveness and Entrepreneurship", Action "Cooperation 2011" and is co-financed by the European Union (European Regional Development Fund) and Greek national funds (National Strategic Reference Framework 2007 - 2013), μέλος της ερευνητικής ομάδας.

08/2012 – 06/2015

Forecasting photovoltaic power production *Forecasting photovoltaic power production*, co-financed by the European Union (European Social Fund – ESF) and Greek national funds through the Operational Program "Education and Lifelong Learning" of the National Strategic Reference Framework (NSRF) – Research Funding Program: Archimedes III. Investing in knowledge society through the European Social Fund, μέλος της ερευνητικής ομάδας.

08/2012 – 06/2015

Research and development of an intelligent real time energy and power management for Crete's power system with high RES penetration *Research and development of an intelligent real-time energy and power management for Crete's power system with high RES penetration*, co-financed by the European Union (European Social Fund – ESF) and Greek national funds through the Operational Program "Education and Lifelong Learning" of the National Strategic Reference Framework (NSRF) – Research Funding Program: Archimedes III. Investing in knowledge society through the European Social Fund, μέλος της ερευνητικής ομάδας.

01/2013 – 02/2014

Performance investigation of composite high voltage insulators - development of a leakage current measurement system *Performance investigation of composite high voltage insulators - development of a leakage current measurement system*, financed by HEDNO S.A, επιστημονικός υπεύθυνος.

09/2011 – 09/2012

Power transformers condition assessment in 150kV substations of PPC in Crete *Power transformers condition assessment in 150kV substations of PPC in Crete*, financed by PPC S.A., επιστημονικός υπεύθυνος.

05/2010 – 05/2011

Investigation of the dielectric behavior of composite high voltage insulators at PPC outdoor high voltage test station *Investigation of the dielectric behavior of composite high voltage insulators at PPC outdoor high voltage test station*, financed by PPC S.A., επιστημονικός υπεύθυνος.

02/2008 – 03/2009

SiC Device in Power Designs for Space Applications *SiC Device in Power Designs for Space Applications*, IESL/FORTH, ESA-ESTEC, μέλος της ερευνητικής ομάδας.

HONOURS AND AWARDS

2018

Member of Study Committee IEEE Std 1523™-2018, IEEE Guide for the Application, Maintenance, and Evaluation of Room-Temperature Vulcanizing (RTV) Silicone Rubber Coatings for Outdoor Ceramic Insulators – Institute of Electrical and Electronics Engineers

Link <https://standards.ieee.org/standard/1523-2018.html>

Υπότροφος του Ιδρύματος Κρατικών Υποτροφιών με ειδίκευση Ηλεκτρικές Εκκενώσεις – ΙΚΥ

Πρόγραμμα Μεταπτυχιακών Υποτροφιών Εσωτερικού, ακαδημαϊκού έτους 2002-2003, για το διάστημα από 01-11-2002 μέχρι 30-04-2006

Scientific Reviewer in IEEE – Institute of Electrical and Electronics Engineers IEEE Transactions on Dielectrics and Electrical Insulation (TDEI)
IEEE ACCESS

Scientific Reviewer in IET – The Institution of Engineering and Technology IET Science, Measurement and Technology
IET Generation, Transmission & Distribution

Scientific Reviewer Energies, MDPI
International Journal of Electrical Power & Energy Systems, Elsevier

Link <https://www.mdpi.com/journal/energies>

PUBLICATIONS SUMMARY

Summary

Dissertations: 2
Chapters in scientific books: 2
Scientific Journals: 24
Technical Magazines: 2
International Conferences: 49
Greek Conferences: 16

SEMINARS INSTRUCTOR

«Αντικεραυνική προστασία και γειώσεις»,

Πρόγραμμα Επικαιροποίησης Γνώσεων Αποφοίτων - Δια Βίου Μάθησης: «Φωτοβολταϊκά Ενεργειακά Συστήματα», ΤΕΙ Κρήτης, 2014

«Ηλεκτρονικά Ισχύος σε Φωτοβολταϊκά Συστήματα»,

Πρόγραμμα Επικαιροποίησης Γνώσεων Αποφοίτων - Δια Βίου Μάθησης: «Φωτοβολταϊκά Ενεργειακά Συστήματα», ΤΕΙ Κρήτης, 2014

«Επιθεώρηση Ηλεκτρικών Εγκαταστάσεων - Υπεύθυνη Δήλωση Ηλεκτρολόγου Εγκαταστάτη & Υπεύθυνη Δήλωση Καλής Εκτέλεσης»

Σχολή Δια Βίου Μάθησης ΤΕΙ Κρήτης, Ενότητα Α: Κανονισμοί και πρότυπα στις ΕΗΕ, από 03/10/2014 έως 04/10/2014 και 18/07/2014 έως 20/07/2014.

«Εισαγωγή στα Ενεργειακά Συστήματα»,

Πρόγραμμα Επικαιροποίησης Γνώσεων Αποφοίτων - Δια Βίου Μάθησης: «Καινοτόμες Τεχνολογίες Εφαρμογών ΑΠΕ και Εξοικονόμησης Ενέργειας», ΤΕΙ Πειραιά, ΤΕΙ Αθηνών και ΤΕΙ Κρήτης, 2014

«Εισαγωγή στις ΑΠΕ»,

Πρόγραμμα Επικαιροποίησης Γνώσεων Αποφοίτων - Δια Βίου Μάθησης: «Καινοτόμες Τεχνολογίες Εφαρμογών ΑΠΕ και Εξοικονόμησης Ενέργειας», ΤΕΙ Πειραιά, ΤΕΙ Αθηνών και ΤΕΙ Κρήτης, 2014

SEMINARS

13/02/2018 – 15/02/2018

Οικονομικά για μη οικονομολόγους

ΔΕΔΔΗΕ Σχολή Αθήνας,

08/12/2019 – 10/12/2019

Εκπαίδευση στελεχών σε θέματα παρακίνησης ανθρώπινου δυναμικού

ΔΕΔΔΗΕ Σχολή Αθήνας

26/01/2020 – 27/01/2020

Εκπαίδευση προσωπικού στην διαχείριση έργων(Project Management)

ΔΕΔΔΗΕ Σχολή Αθήνας

28/06/2018

Ενημέρωση προσωπικού σχετικά με το SF6 και την ασφάλεια πινάκων ΜΤ σε πιθανό τόξο

ΔΕΔΔΗΕ Σχολή Αθήνας,

1. PUBLICATIONS IN INTERNATIONAL CONFERENCES

N. Mavrikakis, P. Mikropoulos, K. Siderakis, I. Pellas, E. Thalassinakis, "Evaluation of the damage caused by bird pecking activity along composite high voltage insulators"

2018 IEEE International Conference on High Voltage Engineering and Application (ICHVE 2018), Athens, Greece, September 2018

E. Thalassinakis, K. Siderakis, E. Dialynas, Efficient Day Ahead Calculation of the Operating Reliability in Isolated Power Systems with Interconnection Links,

Paper C2-113, CIGRE Session 2018, Paris 2018

N. Mavrikakis, E. Koudoumas, K. Siderakis, D. Pylarinos, E. Thalassinakis, O. Kokkinaki, A. Klini, C. Kalpouzos, M. Polychronaki, D. Anglos, "Insulators' pollution problem: Experience from the coastal transmission system of Crete",

52nd International Universities' Power Engineering Conference (UPEC 2017), Heraklion, Crete, August 29-September 1, 2017

O. Kokkinaki, A. Klini, M. Polychronaki, N. Mavrikakis, K. Siderakis, E. Koudoumas, D. Pylarinos, E. Thalassinakis, C. Kalpouzos, D. Anglos, "Remote LIBS for assessing the condition of field-aged composite HV outdoor insulators",

10th International Conference on Instrumental Methods of Analysis, Heraklion, Greece, September 17-21, 2017

K. Siderakis, D. Pylarinos, N. Mavrikakis, I. Pellas, E. Thalassinakis, "Composite outdoor high voltage insulators in Crete - 37 years of experience",

11th International Conference on Deregulated Electricity Market Issues in South Eastern Europe (DEMSEE), Heraklion, Crete, Greece, 22-23 September 2016

M. Gagaoudakis, E. Aperathitis, V. Binas, E. Koudoumas, K. Siderakis, G. Kiriakidis, "Study of Thermochromic VO2 Material as Thermal Switches for Powerlines",

51st International Universities' Power Engineering Conference (UPEC 2016), Coimbra, Portugal, September 6-9, 2016

D. Papastefanakis, G. Orfanoudakis, K. Siderakis, " Designing the grid protections to accommodate distributed generation",

11th International Conference on Deregulated Electricity Market Issues in South Eastern Europe (DEMSEE), Heraklion, Crete, Greece, 22-23 September 2016

N. Arapoglou, K. Siderakis, Differential protection schemes and techniques for power transformers,

11th International Conference on Deregulated Electricity Market Issues in South Eastern Europe (DEMSEE), Heraklion, Crete, Greece, 22-23 September 2016

N. Mavrikakis, M. Kapellakis, D. Pylarinos, K. Siderakis, "A Novel Autonomous Monitoring System for Distributed Leakage Current Measurements on Outdoor High Voltage Insulators",

DEMSEE 10th International Conference on Deregulated Electricity Market Issues in South-Eastern Europe, pp. 75-79, Budapest, Hungary, September 24-25, 2015

K. Siderakis, A. Gigantidou, K. Lagouvardos, E. Kavousanaki, F. Mavromatakis, D. Kounalakis, "Fleet Management and Grid Integration of PV Generating Stations",

DEMSEE 10th International Conference on Deregulated Electricity Market Issues in South-Eastern Europe, pp. 75-79, Budapest, Hungary, September 24-25, 2015

O. Kokkinaki, A. Klini, N. Mavrikakis, D. Pylarinos, K. Siderakis, E. Koudoumas, E. Thalassinakis, C. Kalpouzos, D. Anglos, "Assessing the type and operational quality of SIR HV insulators by remote LIBS analysis",

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