Syed Tassawar Hussain Kazmi

Assistant Professor

School of Electrical Engineering and Computer Science

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About

Dr. Syed Tassawar Hussain Kazmi is working as Assistant Professor in the School of Electrical Engineering and Computer Science. Dr. Syed Tassawar Hussain Kazmi has a PhD in Electric Engineering. Dr. Syed Tassawar Hussain Kazmi has published 17 research articles & conference papers having a citation count of 402, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Electric Engineering 2017 - 2023
Xi'an Jiaotong University , China

MS in (Electric Power Systems) 2011 - 2014
Beijing International Studies University , China

BE in (Electric Engg) 2007 - 2011
NUST, Islamabad , Pakistan

Experience

Assistant Professor 2023- Present
School of Electrical Engineering and Computer Science

Lecturer 2023 - 2023
School of Electrical Engineering and Computer Science

Lecturer 2023 - 2023
School of Electrical Engineering and Computer Science

Lecturer 2021 - 2023
School of Electrical Engineering and Computer Science

Lecturer 2016 - 2021
School of Electrical Engineering and Computer Science

Lecturer 2014 - 2016
School of Electrical Engineering and Computer Science

Research Articles

Time-normalized voltage gradient protection for fault detection in MMC-HVDC grids 2024
Sayed Tassawar Hussain Kazmi Guobing Song Junjie Hou
International Journal of Electrical Power and Energy Systems, Volume 157, Article Number 109787
Impact Factor: 5.2 | **Quartile:** 1 | **Citations:** 4
DOI: 10.1016/j.ijepes.2024.109787

Fault control and line protection strategy for LVDC microgrids based on modified high-frequency-link DC solid state transformer 2022
Ting Wang Xu Chu Syed Tassawar Hussain Kazmi Jiaqi Gao
International Journal of Electrical Power & Energy Systems, Volume140, Article Number 108052
Impact Factor: 5.2 | **Quartile:** 1 | **Citations:** 14
DOI: 10.1016/j.ijepes.2022.108052

Fault property discrimination scheme in hybrid MTDC power system based on the amplitude distribution of injection signal 2022
Junjie Hou Guobing Song Ruidong Xu Peng Chang, Tassawar Kazmi
International Journal of Electrical Power & Energy Systems, Volume 138, Article Number 107930

Impact Factor: 5.659 | **Quartile:** 1 | **Citations:** 8
DOI: 10.1016/j.ijepes.2021.107930

Fault identification scheme for hybrid multi-terminal HVDC system based on control and protection coordination strategy 2022

Junjie Hou Guobing Song Peng Chang, Ruidong Xu Tassawar Kazmi Ruidong Xu
International Journal of Electrical Power & Energy Systems, Volume 136, Article Number 107591
Impact Factor: 5.659 | **Quartile:** 1 | **Citations:** 9
DOI: 10.1016/j.ijepes.2021.107591

Single-end fault identification scheme for multi-terminal DC grid based on amplitude similarity of injection signal 2021

Junjie Hou Guobing Song Ruidong Xu Bilal Masood Ting Wang Bing Guo Tassawar Kazmi
International Journal of Electrical Power & Energy Systems, Volume 131, Article Number 107091
Impact Factor: 5.659 | **Quartile:** 1 | **Citations:** 8
DOI: 10.1016/j.ijepes.2021.107091

Adaptive fault recovery strategy of LCC-MMC based hybrid HVDC 2021

Sayed Tassawar Hussain Kazmi Guobing Song Ting Wang Junjie Hou Bilal Masood
IET Generation, Transmission and Distribution, Volume15, Issue16, Pages 2396-2409
Impact Factor: 2.995 | **Quartile:** 2 | **Citations:** 4
DOI: https://doi.org/10.1049/gtd2.12186

Active Injection for Single-Ended Protection in DC Grid Using Hybrid MMC 2021

Guobing Song Junjie Hou Bing Guo Syed Tassawar Hussain Kazmi Ting Wang Bilal Masood
IEEE Transactions on Power Delivery, Volume 36, Issue 3, Pages 1651-1662
Impact Factor: 4.825 | **Quartile:** 1 | **Citations:** 28
DOI: 10.1109/TPWRD.2020.3012779

Single-ended active injection for fault location in hybrid MMC-HVDC systems 2021

Guobing Song Junjie Hou Bing Guo Bilal Masood Syed Tassawar Hussain Kazmi Ting Wang
International Journal of Electrical Power & Energy Systems, Volume 124, Article Number 106344
Impact Factor: 5.659 | **Quartile:** 1 | **Citations:** 30
DOI: 10.1016/j.ijepes.2020.106344

Adaptive reclosing strategy for single outgoing line of converter-interfaced wind park using distance relaying algorithm 2021

Sayed Tassawar Hussain Kazmi Ting Wang Guobing Song
International Journal of Electrical Power & Energy Systems, Volume 124, Article Number 106372
Impact Factor: 4.630 | **Quartile:** 1 | **Citations:** 15
DOI: 10.1016/j.ijepes.2020.106372

Three-Phase Adaptive Auto-Reclosing for Single Outgoing Line of Wind Farm Based on Active Detection from STATCOM 2020

Ting Wang Guobing Song Syed Tassawar Hussain Kazmi
IEEE Transactions on Power Delivery, Volume 35, Issue 4, Pages 1918-1927
Impact Factor: 4.131 | **Quartile:** 1 | **Citations:** 30
DOI: 10.1109/TPWRD.2019.2956943

A High Speed Single-Ended Fault-Detection Method for DC Distribution Line - Part II: Protection Scheme 2020

Guobing Song Zhongxue Chang Chenhao Zhang Syed Tassawar Hussain Kazmi Wei Zhang
IEEE Transactions on Power Delivery, Volume 35, Issue 3, Pages 1257-1266
Impact Factor: 4.131 | **Quartile:** 1 | **Citations:** 14
DOI: 10.1109/TPWRD.2019.2939051

A High Speed Single-Ended Fault Detection Method for DC Distribution Feeder - Part I: Feasibility Analysis of Magnetic Ring as Line Boundary 2020

Guobing Song Zhongxue Zhang Chenhao Zhang Syed Tassawar Hussain Kazmi Wei Zhang
IEEE Transactions on Power Delivery, Volume 35, Issue 3, Pages 1249-1256
Impact Factor: 4.131 | **Quartile:** 1 | **Citations:** 7
DOI: 10.1109/TPWRD.2019.2939022

Adaptive Single-Pole Auto-Reclosing Scheme for Hybrid MMC-HVDC Systems 2019

Ting Wang Guobing Song Kazmi Sayed Tassawar Hussain
IEEE Transactions on Power Delivery, Volume 34, Issue 6, Pages 2194-2203

Impact Factor: 3.681 | **Quartile:** 1 | **Citations:** 78
DOI: 10.1109/TPWRD.2019.2921674

Adaptive single-phase/three-phase reclosing scheme for transmission lines in passive network supplied by MMC-HVDC 2019

Ting Wang Syed Tassawar Hussain Kazmi Guobing Song Wei Han Chao Liu

International Journal of Electrical Power & Energy Systems, Volume 113, Pages 597-606

Impact Factor: 3.588 | **Quartile:** 1 | **Citations:** 19
DOI: 10.1016/j.ijepes.2019.06.014

Adaptive AC autoreclosing scheme in MMCbased hybrid AC/DC transmission 2019

Ting Wang Guobing Song Syed Tassawar Hussain Kazmi

IET Generation, Transmission & Distribution, Volume 13, Issue 19, Pages 4464-4471

Impact Factor: 2.862 | **Quartile:** 2 | **Citations:** 8
DOI: 10.1049/iet-gtd.2018.5567

DC Line Fault Identification Based on Pulse Injection from Hybrid HVDC Breaker 2019

Guobing Song Ting Wang Tassawar Kazmi

IEEE Transactions on Power Delivery, Volume 34, Issue 1, Pages 271-280

Impact Factor: 4.825 | **Quartile:** 1 | **Citations:** 102
DOI: 10.1109/TPWRD.2018.2865226

Detection method for single-pole-grounded faulty feeder based on parameter identification in MVDC distribution grids 2018

Guobing Song Juan Luo Shuping Gao Xiaowei Wang Syed Tassawar Hussain Kazmi

International Journal of Electrical Power & Energy Systems, Volume 97, Pages 85-92

Impact Factor: 4.418 | **Quartile:** 1 | **Citations:** 24
DOI: 10.1016/j.ijepes.2017.10.039

Editorial Activities

IEEE Transactions on Power Delivery 2025
Reviewed Papers for Journals
Impact Factor: 3.8

IEEE Transactions on Power Delivery 2024
Reviewed Papers for Journals
Impact Factor: 3.8

IEEE Transactions on Power Delivery 2024
Reviewed Papers for Journals
Impact Factor: 4.4

IEEE Transactions on Power Delivery 2023
Reviewed Papers for Journals
Impact Factor: 4.82

IEEE transactions on power delivery 2022
Reviewed Papers for Journals
Impact Factor: 4.825

IEEE Transactions on Power Delivery 2022
Reviewed Papers for Journals
Impact Factor: 4.13

2022
Reviewed Papers for Journals
Impact Factor: 4.13

2021
Reviewed Papers for Journals
Impact Factor: 4.13