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Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
Birjand University of Technology	Associate Professor	Tenured	Full Time	16

Papers in Journals

1. M. Esmaeeli, H. Rezapour, H. Afkar, P. Siano, Determination of Maximum Photovoltaic Penetration Level in Extended Medium-Voltage Distribution Feeders Considering the Impact of Tap-Changers and Critical Hour, Smart Grids and Sustainable Energy, Vol. 10, pp. 61, 2025 08 07.
2. M. Esmaeeli, H. Afkar, M. Majidzadeh, S. Golshannavaz, A. Yazdaninejadi, Coincident Analysis of Photovoltaics Generation and Consumers Consumption Patterns on Distribution Networks, IEEE Access, Vol. 12, pp. 196660 - 196669, 2024 12 19.
3. Stochastic optimal pricing for retail electricity considering demand response, renewable energy sources and environmental effects. Journal of Revenue and Pricing Management, مجلد ۲۳، شماره صفحات، ۰۱ ۰۷ ۴۵۱، ۲۰۲۴-۴۳۵.
4. H. Afkar و M. Esmaeeli, A new control strategy for multifunctional PV grid interface converter considering the inverter rating, Karafan Journal, ۰۱ ۰۴ ۲۹۶، ۲۰۲۴-۲۶۹ شماره صفحات ۰۶۶، مجلد ۰۶.
5. M Esmaeeli ,& S Golshannavaz, Optimal allocation of cloud energy storage system in low-voltage distribution network, Sustainable Energy, Grids and Networks, Vol. 34, pp. 101053, 2023-06.
6. H Afkar و M Esmaeeli, Harmonic assessment of the distribution network based on load type classification (field study), Energy Engineering and Management, ۲۰۲۳-۰۵.
7. H Afkar ,& M Esmaeeli, Complete Load Compensation in a Distribution Network with a Single-Stage PV Grid Interface Converter, Energy Engineering and Management, 2023-03.
8. R Saberi , H Falaghi , M Esmaeeli, Power distribution network expansion planning to improve resilience, IET Generation, Transmission & Distribution, 2023-01.
9. S Golshannavaz , M Esmaeeli , F Aminifar , M Shahidehpour, Cloud-Based Energy Storage Systems: A shared pool of benefits in distributed electric power systems, IEEE Electrification Magazine, Vol. 10, No. 2, pp. 82-91, 2022-06.
10. R Saberi , H Falaghi , M Esmaeeli , M Ramezani, A two-stage approach to enhance distribution network resilience against natural disasters, Journal of Energy Management and Technology, Vol. 5, No.

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11. R Saberi , H Falaghi , M Esmaeeli,Resilience-Based Framework for Distributed Generation Planning in Distribution Networks.Iranian Electric Industry Journal of Quality and Productivity,مجلد ۹,شماره ۴,شماره ۱۲-۴۹,۲۰۲۰-۳۵ صفحات.
12. H Rezapour , H Falaghi , M Esmaeeli.Optimal Siting and Sizing of Locally-controlled Shunt Active Power Filters in Electric Power Distribution Networks.TABRIZ JOURNAL OF ELECTRICAL ENGINEERING,مجلد ۵۰,شماره ۹۳,شماره ۱۰-۱۲۵۹,۲۰۲۰-۱۲۴۷ صفحات.
13. R Saberi , H Falaghi , M Esmaeeli,A New Index for Quantitative Assessment of Distribution Network Resilience in the Presence of Distributed Generations.Energy Engineering & Management,مجلد ۱۰,شماره ۰۸-۴۳,۲۰۲۰-۳۰ شماره صفحات ۳.
14. M Esmaeeli , S Golshannavaz , P Siano,Determination of optimal reserve contribution of thermal units to afford the wind power uncertainty,Journal of Ambient Intelligence and Humanized Computing,Vol. 11,No. 4,pp. 1565-1576,2020-04.
15. S Golshannavaz و M Esmaeeli.Probabilistic Integrated Planning of Primary and Secondary Distribution Networks based on a Hybrid Heuristic and GA Approach.Energy Engineering and Management,۲۰۱۹-۰۷.
16. M Esmaeeli و S Golshannavaz.Here-and-Now Wait-and-See Approach for Optimal Scheduling of Energy and Reserve in Distribution Networks.TABRIZ JOURNAL OF ELECTRICAL ENGINEERING,۲۰۱۸-۱۱.
17. S. Golshannavaz , R. Khezri , M. Esmaeeli , P. Siano,A two-stage robust-intelligent controller design for efficient LFC based on Kharitonov theorem and fuzzy logic,Journal of Ambient Intelligence and Humanized Computing,2018-10.
18. Risk-based planning of the distribution network structure considering uncertainties in demand and cost of energy,Energy,2017-01.
19. M. Esmaeeli et al.,Risk-based planning of distribution substations considering technical and economic uncertainties,Electric Power Systems Research,2016-06.
20. Multistage distribution substations planning considering reliability and growth of energy demand,Energy,2015-05.
21. Sizing and placement of distribution substations considering optimal loading of transformers,International Transactions on Electrical Energy Systems,2015-11.