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Education

- ✓ MS, Electrical Engineering - power, Shahid Bahonar University of Kerman - 2013
- ✓ PhD, Electrical Engineering - power, Shahid Bahonar University of Kerman - 2017

Courses

- | | |
|-------------------------------|---|
| 1. Electrics Machines Lab - I | 2. Electrical Energy systems Analsis -I |
| 3. Electrical Machines - I | 4. Electrical Machines - II |
| 5. Electricity Market | 6. Engineering Economy |

Journals Papers

2023

1. Fairness in optimal operation of transactive smart networked modern multi-carrier energy systems: A two-stage optimization approach

Sobhan Dorahaki, Asma Sarkhosh, Masoud Rashidinejad, Mohammad Reza Salehizadeh, Mojgan MollahassaniP

Sustainable Energy Technologies and Assessments Volume: (56) 1-103035 - 10-103035

2. A sharing economy model for a sustainable community energy storage considering end-user comfort

Sobhan Dorahaki, Masoud Rashidinejad, Mojgan MollahassaniPour, Mahdi Pourakbari Kasmaei, Peyman Afza

Sustainable Cities and Society Volume: (97) 104786-1 - 104786-14

3. Optimizing energy payment, user satisfaction, and self-sufficiency in flexibility-constrained smart home energy management: A multi-objective optimization approach

Sobhan Dorahaki, Mojgan MollahassaniPour, Masoud Rashidinejad

e-Prime - Advances in Electrical Engineering, Electronics and Energy Volume: (6) 100385-1 - 100385-12

2022

4. A Data Mining with K-Means Clustering Algorithm for Assessing Demand Response Resources Potential in Presence of Cooling and Heating Equipment

Fatemeh Sheibani, Mojgan MollahassaniPour, Hengameh Keshavarz

Volume: (20) 206 - 214

2021

5. Optimal Behavior of a Hybrid Power Producer in Day-Ahead and Intraday Markets: A Bi-Objective CVaR-Based Approach

Hooman Khaloie, Mojgan MollahassaniPour, Amjad Anvari-Moghaddam

IEEE Transactions on Sustainable Energy Volume: (12) 931 - 943

6. Short-run economic-environmental impacts of carbon tax on bulk electric systems

Iman Taheri Emami, Mojgan MollahassaniPour, Masoumeh Rostam Niakan Kalhori,

Sustainable Energy, Grids and Networks Volume: (26) 100480 - 1 - 100480 -12

7. Estimation of Demand Side Resources Potential Regarding Climate Changes

Fatemeh Sheibani, Hengameh Keshavarz, Mojgan MollahassaniPour

Volume: (11) 66 - 77

2020

8. Assessment of transmission outage Contingencies effects on bidding strategies of electricity suppliers

Mojgan MollahassaniPour, Iman Taheri, Masoud Hasani Marzooni

INTERNATIONAL JOURNAL OF ELECTRICAL POWER and ENERGY SYSTEMS Volume: (120) 106053-1 - 106053-10

9. A techno-economic assessment of energy efficiency in energy management of a micro grid considering green-virtual resources

Mohammadreza Barzegar, Masoud Rashidinejad, Mojgan MollahassaniPour, Alireza Bakhshai, Hossein Farah

Sustainable Cities and Society Volume: (61) 102169-1 - 102169-12

2019

10. Environmentally constrained reliability-based generation maintenance scheduling considering demand-side management

Mojgan MollahassaniPour, Masoud Rashidinejad, Mahdi Pourakbari-Kasmaei

IET Generation Transmission and Distribution Volume: (13) 1153 - 1163

11. An efficient hybrid structure to solve economic-environmental energy scheduling integrated with demand side management programs

Sobhan Dorahaki, Masoud Rashidinejad, Mojgan MollahassaniPour, Alireza Bakhshai

ELECTRICAL ENGINEERING Volume: (101) 1249 - 1260

2018

12. A novel two-stage structure for coordination of energy efficiency and demand response in the smart grid environment

Sobhan Dorahaki, Masoud Rashidinejad, Amir Abdollahi, Mojgan MollahassaniPour

INTERNATIONAL JOURNAL OF ELECTRICAL POWER and ENERGY SYSTEMS Volume: (97) 353 - 362

2017

13. Appraisal of eco-friendly Preventive Maintenance scheduling strategy impacts on GHG emissions mitigation in smart grids

Mojgan MollahassaniPour, Masoud Rashidinejad, Amir Abdollahi

JOURNAL OF CLEANER PRODUCTION Volume: (143) 212 - 223

14. Demand Response Resources Allocation in Security-Constrained Preventive Maintenance Scheduling via MODM Method

Mojgan MollahassaniPour, Masoud Rashidinejad, Amir Abdollahi, Mohamad Ali Forghani

IEEE Systems Journal Volume: (11) 1196 - 1207

2015

15. Spinning reserve contribution using unit responsibility criterion incorporating preventive maintenance scheduling

Mojgan MollahassaniPour, Masoud Rashidinejad, Amir Abdollahi

INTERNATIONAL JOURNAL OF ELECTRICAL POWER and ENERGY SYSTEMS Volume: (73) 508 - 515

16. Investigation of Market-Based Demand Response Impacts on Security-Constrained Preventive Maintenance Scheduling

Mojgan MollahassaniPour, Amir Abdollahi, Masoud Rashidinejad

IEEE Systems Journal Volume: (9) 1496 - 1506

2014

17. Application of a novel cost reduction index to preventive maintenance scheduling

Mojgan MollahassaniPour, Amir Abdollahi, Masoud Rashidinejad

INTERNATIONAL JOURNAL OF ELECTRICAL POWER and ENERGY SYSTEMS Volume: (56) 235 - 240

Conferences Papers

2024

1. A Bi-Level Optimization Model for Citizen Energy Communities Towards Sustainable Development: A Stackelberg Game Theory Approach

9th International Conference on Technology and Energy Management (ICTEM)

Sahar Mobahseri, Masoud Rashidinejad, Amir Abdollahi, Mojgan MollahassaniPour, Sobhan Dorahaki

2023

2. Implementation of System Identification Models to Predict Demand Response Potential in Smart Grids

13th International Smart Grid Conference

Fatemeh Sheibani, Mojgan MollahassaniPour, Hengameh Keshavarz, Mohammad Raeisi

2021

3. An Optimal Flexible Partitioning of Smart Distribution System Considering Electrical and Gas Infrastructure

2021 IEEE Madrid PowerTech

Sobhan Dorahaki, Masoud Rashidinejad, Hossein Farahmand, Mojgan MollahassaniPour, Mahdi Pourakbari-Kasmaei, Catalo Jo?o P. S.

2019

4. Demand response estimation based on data mining using K-Means algorithm

International power system conference

Fatemeh Sheybani, Hengameh Keshavarz, Mojgan MollahassaniPour

2018

5. Reliability-based Maintenance for Generating Units incorporating Demand Side Resources

33rd International Power System Conference (PSC)

Mojgan MollahassaniPour, Masoud Rashidinejad