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<b>Nota di contenuto</b>	Smart Buildings and Energy Communities -- Under floor heating operation in NZEB buildings to better understand occupant's comfort and reasons behind energy performance gap -- Building potential energy savings estimation through portfolio based modelling -- Year Round Appliance Electricity Monitoring of a Hybrid Ventilated Single Family Residence in Hyderabad -- Large Language Models for Fault Detection in Buildings HVAC Systems -- Investigations on Community Energy Sharing in Indian Residences -- Energy Pricing Trading and Market Dynamics -- Blockchain Enhanced Energy Trading in Smart Cities and Grids Advancements in Market Systems and Business Models -- Characterizing energy spot price data as a proxy for demand --

Revolutionizing Renewable Energy Markets A Cross chain Encrypted NFT and IPFS Decentralized Trading Framework -- Securing Renewable Energy Transactions Blockchain RSA Encrypted NFTs and IPFS Integration -- Demand Flexibility and Energy Conservation Strategies -- Impact of Demand Flexibility in Reducing Power Generation Costs for the Potential Future Energy Systems for Dubai -- Nurturing Youths for a Sustainable Future Empowering Energy Conservation through Education and Technology -- Recent Trends in Demand Side Flexibility -- Understanding Stakeholder Perspectives on Smart Home Technology Adoption A Case Study of Mumbai India -- Optimization of Energy Systems and Renewable Integration -- Dynamic Phenotype Mapping in Evolutionary Algorithms for Energy Hub Scheduling -- Analytical solution for the cost optimal Electric Energy Storage size based on the Effective Energy Shift (EfES) algorithm -- Impact and Integration of Mini Photovoltaic Systems on Electric Power Distribution Grid -- Semi supervised state classification in distribution systems with graph neural networks -- Comparison of optimal reactive power dispatch methods in IEEE 30 bus system -- Comparison of Metaheuristic Techniques for Optimal Power Flow in Nordic Pricing Areas -- Battery Life Prediction Using Physics Based Modeling and Coati Optimization -- Energy System Resilience and Reliability -- Techno Economic Analysis of Hybrid Solar Photovoltaic and Microhydro Systems for Rural Areas of Tambrauw Indonesia -- Harnessing E Trucks as Mobile Microgrids Enhancing Community Health Clinics Resilience in Indonesia -- Three stage Planning of Networked Microgrids for Electrification of Indonesia Islands Considering Earthquake Scenarios -- A Resilient Control Framework for Enhancing Cyber Security in Microgrids. .

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#### Sommario/riassunto

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