

S3 Technologies

WE OFFER IEEE PROJECTS FOR MCA FINAL YEAR STUDENT PROJECTS, ENGINEERING PROJECTS AND TRAINING, PHP PROJECTS, JAVA AND J2EE PROJECTS, ASP.NET PROJECTS, NS2 PROJECTS, MATLAB PROJECTS AND IPT TRAINING .

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2019 – 2020 POWER SYSTEM IEEE PROJECTS

S.N O	Project Code	IEEE 2019 POWER SYSTEM Project Titles	Domain	Lang/Year
1	S301	Energy Management and Control Strategy of Photovoltaic/Battery Hybrid Distributed Power Generation Systems With an Integrated Three-Port Power Converter	POWER SYSTEM	2019
2	S302	Microgrid Energy Management System for Reducing Required Power Reserves	POWER SYSTEM	2019
3	S303	An Ultra-Low Power Multi-Level Power-on Reset for Fine-Grained Power Management Strategies	POWER SYSTEM	2019
4	S304	Stochastic Multi-objective Economic/Emission Energy Management of a Microgrid in Presence of Combined Heat and Power Systems	POWER SYSTEM	2019
5	S305	Hybrid PEM Fuel-Cell-Solar Power System Design for Electric Boat with MPPT System and Fuzzy Energy Management	POWER SYSTEM	2019
6	S306	Congestion Management based Optimal Sizing of PV System using MultiVerse Optimization Algorithm	POWER SYSTEM	2019
7	S307	Digitalized-Management Voltage-Domain Programmable Mechanisms for Dual-Vdd Low-Power Embedded Digital Systems	POWER SYSTEM	2019
8	S308	Advanced Online Volt/var(Q) Control System for Optimal Voltage Profile	POWER SYSTEM	2019
9	S309	Fuzzy Power Management for Internet of Things (IOT) Wireless Sensor Nodes	POWER SYSTEM	2019
10	S310	Economic Operation Platform for Power Grid Company	POWER SYSTEM	2019
11	S311	One-day ahead predictive management of building hybrid power system improving energy cost and batteries lifetime	POWER SYSTEM	2019
12	S312	Impact of Renewable Energies Integration in Interconnected Power System: Transmission-Distribution	POWER SYSTEM	2019
13	S313	Virtual power plant energy optimisation in smart grids	POWER SYSTEM	2019

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14	S314	Design and Implementation of a Fully Controllable Cyber-Physical System for Testing Energy Storage Systems	POWER SYSTEM	2019
15	S315	Innovative Practice of Line Loss Management Model Based on Big Data	POWER SYSTEM	2019
16	S316	Energy management system for a remote renewable fuel cell system	POWER SYSTEM	2019
17	S317	Asset Performance Enhancement Initiatives on Major Switchgears and Transformers in CLP Power Hong Kong	POWER SYSTEM	2019
18	S318	An Energy Management System With Optimum Reserve Power Procurement Function for Microgrid Resilience Improvement	POWER SYSTEM	2019
19	S319	Management of Mobile Energy Generation and Storage System	POWER SYSTEM	2019
20	S320	Energy Storage System Application in MEA Building	POWER SYSTEM	2019
21	S321	The Improvement of «Management of Nonconformities and Corrective Actions" Process in the Design of the Power Supply System of Tram Lines	POWER SYSTEM	2019
22	S322	Review of Power Conversion and Energy Management for Low-Power, Low-Voltage Energy Harvesting Powered Wireless Sensors	POWER SYSTEM	2019
23	S323	Automated Integration of Dynamic Power Management into FPGA-Based Design	POWER SYSTEM	2019
24	S324	Architecture Design of Communication and Backhaul for UAVs in Power Emergency Communication	POWER SYSTEM	2019
25	S325	An Ordered Curtailment Strategy for Offshore Wind Power Under Extreme Weather Conditions Considering the Resilience of the Grid	POWER SYSTEM	2019
26	S326	Hybrid Access in Storage-class Memory-aware Low Power Virtual Memory System	POWER SYSTEM	2019
27	S327	Research on Wide-area Distributed Power Quality Data Fusion Technology of Power Grid	POWER SYSTEM	2019
28	S328	Predictive Control of Flexible Resources for Demand Response in Active Distribution Networks	POWER SYSTEM	2019
29	S329	A Novel Multi-mode Electric Power Emergency Communication System	POWER SYSTEM	2019
30	S330	Dynamic load-shedding for enhancement of power system stability for the Lesotho 132 kV transmission network	POWER SYSTEM	2019

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31	S331	Study of Coordinated Reactive Power Control for Distribution Grid Voltage Regulation with Photovoltaic Systems	POWER SYSTEM	2019
32	S332	Electrical and Electronic Technologies in More-Electric Aircraft: A Review	POWER SYSTEM	2019
33	S333	Application of micro-grid control system in smart park	POWER SYSTEM	2019
34	S334	Impact of Control Systems on Power Quality at Common DC Bus in DC Grid	POWER SYSTEM	2019
35	S335	Integrated Control of Renewable Energy and Fault Restoration for Distribution Systems	POWER SYSTEM	2019
36	S336	Total Harmonics Distortion (THD) with PV System Integration in Smart Grids: Case Study	POWER SYSTEM	2019
37	S337	Risk Mitigation Strategies for Emergency Power Upgrades in Critical Facilities	POWER SYSTEM	2019
38	S338	Modified Power Reserve Management Solution in Power System Considering Frequency Constraints	POWER SYSTEM	2019
39	S339	Research on Linkage Model of Network Resource Survey and Vulnerability Detection in Power Information System	POWER SYSTEM	2019
40	S340	A Review of Power System Flexibility With High Penetration of Renewables	POWER SYSTEM	2019
41	S341	Day-ahead scheduling of integrated electricity and district heating system with an aggregated model of buildings for wind power accommodation	POWER SYSTEM	2019