CITATION REPORT List of articles citing



DOI: 10.1109/tpas.1970.292678 IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee, 1970, PAS-89, 120-125.

Source: https://exaly.com/paper-pdf/10145577/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper IF	Citations
1005	Power system state estimation using IP barrier method.	
1004	Techniques for the Real-Time Monitoring of Power System Operations. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1970 , PAS-89, 545-555	36
1003	A Dynamic Estimator for Tracking the State of a Power System. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1970 , PAS-89, 1670-1678	204
1002	An Application of State Estimation to Short-Term Load Forecasting, Part I: Forecasting Modeling. IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee, 1970, PAS-89, 1678-1682	102
1001	An Application of State Estimation to Short-Term Load Forecasting, Part II: Implementation. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1970 , PAS-89, 1683-1688	15
1000	State Calculation of Power Systems From Line Flow Measurements. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1970 , PAS-89, 1698-1708	63
999	State Estimation in Power Systems Part II: Implementation and Applications. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1970 , PAS-89, 353-363	47
998	Power System State Estimation. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1970 , PAS-89, 363-379	15
997	State Estimation in Power Systems Part I: Theory and Feasibility. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1970 , PAS-89, 345-352	87
996	Dynamic state estimation in power systems. 1971 , 16, 841-846	18
995	A Tracking Static State Estimator. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1971 , PAS-90, 1025-1033	52
994	Bad Data Suppression in Power System Static State Estimation. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1971 , PAS-90, 2718-2725	152
993	State Estimation of Large Scale Electric Power Systems by Decomposition Methods. 1972 , 5, 416-421	
992	Power system state determination with minimum information. 1973 , 93, 98-105	
991	Application of Pattern Recognition to Steady-State Security Evaluation in a Power System. 1973 , SMC-3, 622-631	23
990	A Sensitivity Analysis of Weighted Least Squares State Estimation for Power Systems. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1973 , PAS-92, 1696-1701	16
989	A Dynamic Estimator for Complex Bus Voltage Determination. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1974 , PAS-93, 1581-1588	7

988	1973 Power Industry Computer Application Conference. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1974 , PAS-93, 3-30	2
987	Multilevel estimation for large-scale electric power systems. 1974 , 94, 85-92	
986	A method of bad data detection for power system state estimation. 1974 , 94, 85-92	
985	. 1974 , 62, 972-982	202
984	Parameter estimation for power systems in the steady state. 1974 , 19, 882-886	6
983	Real-time computer control of power systems. 1974 , 62, 884-891	67
982	Decentralized state estimation in power system. 1975 , 95, 53-59	
981	Convergence properties of a method for state estimation in power systems. 1975 , 22, 113-118	1
980	. IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee, 1975 , 94, 329-337	347
979	Nonrandom Parameter Estimation Using Min-Max Theory. 1975 , R-24, 121-125	3
978	Observability in the state estimation of power systems. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1975 , 94, 1981-1988	32
977	A fast decoupled static state-estimator for electric power systems. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1976 , 95, 208-215	67
976	A Systematic Study of State Estimation in Electric Power Systems. 1977 , 10, 434-440	1
975	A bad data detection algorithm in power system state estimation. 1978 , 98, 108-115	1
974	Statistical linearization approach to power-system state estimation. The work was supported by the National Science Foundation, Washington, under grant No. O.IP72-02921 AOI 1978 , 28, 411-418	2
973	An Efficient State Estimation Method Through Transformations.	1
972	On The Use Of Line-current Measurements For Reliable State Estimation In Electric Power Systems.	2
971	Bus Voltage And Injection Measurements In The Aep State Estimator.	1

970 Optimal Stochastic Estimation in Large-Scale Power Systems. **1979**, 12, 104-110

969	An Efficient Algorithm for Power System State Estimation. 1979 , 12, 81-88	
968	Fast Decoupled State Estimation with Adaptive Step Size Adjustment. 1979, 12, 89-96	
96 7	Quantitative Analysis of an on Line Measurement Equipment for Static State Estimation Purpose. 1980 , 13, 13-19	1
966	On-Line Observability Determination for Power System Monitoring. 1980 , 13, 407-411	
965	Power System Observability: A Practical Algorithm Using Network Topology. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1980 , PAS-99, 1534-1542	270
964	Power System Static State Estimation By the Levenberg-Marquardt Algorithm. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1980 , PAS-99, 695-702	26
963	Power System State Estimation: Detection of Topological Errors. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1980 , PAS-99, 2406-2412	64
962	Design of a Power System State Estimator. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1981 , PAS-100, 3077-3086	2
961	Description and Bibliography of Major Economy-Security Functions Part III-Bibliography (1973 - 1979). <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1981 , PAS-100, 224-235	3
960	Fast State Estimation - Results of a Systematic Investigation of Decoupled Weighted Least Squares Methods. 1982 , 15, 1535-1540	
959	A New Decoupled Model for State Estimation of Power Systems. 1982 , 15, 613-618	
958	The Role of State Estimation in Power System Operation. 1982 , 15, 1531-1533	4
957	Bad Data Detection and Identification Techniques Using Estimation Orthogonal Methods. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1982 , PAS-101, 3356-3364	23
956	Short-Term Load Demand Modeling and Forecasting: A Review. 1982 , 12, 370-382	58
955	Multiprocessor Static State Estimation. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1982 , PAS-101, 302-308	18
954	. IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee, 1982 , PAS-101, 454-462	60
953	On-Line Observability Determination as a Further Result of State Estimation Algorithms. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1982 , PAS-101, 767-774	5

952	. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1982 , PAS-101, 933-944	97
951	Power System Topological Observability Using a Direct Graph-Theoretic Approach. <i>IEEE</i> Transactions on Power Apparatus and Systems / Technical Operations Committee, 1982, PAS-101, 617-626	79
950	Fast, optimal state estimation and pseudolineflow creation from injection measurements. 1982 , 4, 169-176	2
949	Assessment of Electrical Energy Losses in the Colombian Power System. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1983 , PAS-102, 3509-3515	10
948	Topologically-Partitioned Power System State Estination. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1983 , PAS-102, 483-491	2
947	State Estimation Based External Network Solution For On-Line Security Analysis. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1983 , PAS-102, 2447-2454	41
946	Development of a Static State Estimator Part I: Estimation and Bad Data Suppression. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1983 , PAS-102, 2486-2491	14
945	State Estimation of Interconnected HVDC/AC Systems. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1983 , PAS-102, 1805-1810	11
944	Critical Survey of Hierarchical Methods for State Estimation of Electric Power Systems. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1983 , PAS-102, 3415-3424	65
943	Design Of The Measurement System For State Estimation In The Norwegian High-Voltage Transmission Network. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations</i> <i>Committee</i> , 1983 , PAS-102, 3769-3777	28
942	Power System Security Functions Of The Energy Control Center At The Orange And Rockland Utilities. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1983 , PAS-102, 3825-3834	4
941	Optimal Network Bus Ordering in Power System State Estimation Its Consistency with that in Load Flow. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1983 , PAS-102, 538-547	8
940	A Cartesian Coordinate Algorithm for Power System State Estimation. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1983 , PAS-102, 1070-1082	11
939	Reliable Bad Data Processing for Real-Time State Estimation. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1983 , PAS-102, 1126-1139	147
938	Redundant measurement selection using stochastic load flow. 1983 , 103, 56-62	1
937	State estimation in control centres. 1983 , 5, 218-221	9
936	Fast exact state-estimation algorithm based on quadratic equations using sparse matrix inversion. 1984 , 6, 79-82	1
935	Power system static state estimation based upon nodal voltages. 1984 , 11, 173-182	

934	Estimation of Soil Parameters from Driven Rod Neasurements. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1984 , PAS-103, 2579-2587	18
933	Transformer Tap Position Estimatiion - Field Experience. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1984 , PAS-103, 1454-1458	18
932	Ampere Magnitude Line Measurements for Power Systems State Estimation. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1984 , PAS-103, 1962-1969	20
931	. IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee, 1984 , PAS-103, 2337-2344	30
930	Application of State Estimation Technique to Power System in Czechoslovakia. 1984 , 17, 2115-2120	
929	Decision Theory Applied to Bad Data Identification in Power System State Estimation. 1985 , 18, 945-950	1
928	A Method That Combines Internal State Estimation and External Network Modeling. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1985 , PAS-104, 91-103	35
927	Hachtel's Augmented Matrix Method - A Rapid Method Improving Numerical Stability in Power System Static State Estimation. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1985 , PAS-104, 2987-2993	81
926	Bad Data Identification Methods In Power System State Estimation-A Comparative Study. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1985 , PAS-104, 3037-3049	59
925	A Transformation-Decoupled Estimator for Power System State Estimation. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1985 , PAS-104, 1738-1744	3
924	Parallel Multi-Area State Estimation. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1985 , PAS-104, 1025-1034	11
923	Network Observability: Theory. <i>IEEE Transactions on Power Apparatus and Systems / Technical Operations Committee</i> , 1985 , PAS-104, 1042-1048	84
922	A Decoupled Linear Programming Technique for Power System State Estimation. 1986 , 1, 154-160	6
921	State estimation for power systems-A case study. 1986 ,	1
920	State Estimlatjon with Phasor Measurements. 1986 , 1, 233-238	236
919	An Integrated Analytic Tool and Knowledge-Based System Approach to Aerospace Electric Power System Control. 1986 ,	
918	On-line Power System Topological Observability Analysis Algorithms: A Comparative Study. 1986 , 19, 31-38	
917	Decoupled State-Estimation in Energy Control Centres. 1986 , 19, 39-45	

916	Static state estimation with DC models and linear programming. 1986 , 8, 241-247	2
915	Interpretation of Soil Resistivity Measurements: Experience with the Model SOMIP. 1986, 1, 142-151	23
914	Autoregressive Filters for the Identification and Replacement of Bad Data in Power System State Estimation. 1987 , 2, 552-558	15
913	Direct Detection and Identification of Topological Errors in EPS Data Base. 1987 , 181-188	
912	Decision theory for fault diagnosis in electric power systems. 1987 , 23, 335-353	6
911	Decoupled internal state estimation using external system equivalents. 1987 , 9, 23-28	1
910	State estimation algorithm for ill-conditioned power systems by Newton's method. 1987 , 9, 113-116	1
909	Hierarchical computation scheme for state estimation using fast second order method. 1987 , 107, 47-57	1
908	Dynamic state prediction and hierarchical filtering for power system state estimation. 1988 , 24, 595-618	26
907		Ο
906		5
905		
904	Power System Observability: On-Line Measurement Set Contingency Analysis. 1988, 21, 491-499	
903	Decentralized Robust Bad-Data Pre-Cleaning with Subsequent Hierarchical Fast Recursive Estimation. 1988 , 21, 467-473	
902	Power Network Observability Guidelines for Measurement System Design. 1988 , 21, 481-489	
901		1
900	The role and implementation of state estimation in an energy management system. 1990 , 12, 75-79	13
899	Power system state estimation: a survey. 1990 , 12, 80-87	138

898	Observability methods and optimal meter placement. 1990 , 12, 88-93	55
897	STATIC AND TRACKING STATE ESTIMATION IN POWER SYSTEM USING NEWTON'S METHOD. 1990 , 18, 97-111	2
896	. 1990 , 5, 1267-1285	16
895	. 1990,	1
894	Power System State Estimation for a Spacecraft Power System.	
893		2
892	Medium range forecasting of power system load by median filtering and walsh transform.	
891		2
890		1
889	State Estimation Problfms In Power And Gas Network.	2
889	State Estimation Problfms In Power And Gas Network. . 1991, 6, 491-500	46
888	. 1991 , 6, 491-500 On the exact incorporation of virtual measurements on orthogonal-transformation based	46
888	. 1991 , 6, 491-500 On the exact incorporation of virtual measurements on orthogonal-transformation based	46
888 887 886	. 1991, 6, 491-500 On the exact incorporation of virtual measurements on orthogonal-transformation based state-estimation procedures. 1991, 13, 167-174	46 8
888 887 886 885	. 1991, 6, 491-500 On the exact incorporation of virtual measurements on orthogonal-transformation based state-estimation procedures. 1991, 13, 167-174 . Dynamic State Estimation.	46 8
888 887 886 885	. 1991, 6, 491-500 On the exact incorporation of virtual measurements on orthogonal-transformation based state-estimation procedures. 1991, 13, 167-174 . Dynamic State Estimation. Power System State Estimation with Equality Constraints. 1992, 20, 183-202	46

[1996-1992]

880	. 1992 , 7, 1088-1097	29
879	A line-current measurement based state estimator. 1992 , 7, 513-519	22
878	Practical experience with implementation of a state estimate on the Bangladesh grid system. 1992 , 14, 54-61	1
877	Zustandsestimation in Netzen mit Stations- und Netztopologiefehlern. 1992 , 76, 21-28	
876	Application of a genetic algorithm to meter allocation in electric power systems.	3
875	. 1993 , 8, 2009-2015	146
874	•	1
873	Optimal design of meter placement in water distribution systems. 1994 , 25, 2155-2166	34
872	. 1994 , 9, 1701-1709	102
871	. 1994 , 9, 1110-1116	18
870	. 1994 , 9, 1478-1484	51
869		6
868	A neural network preestimation filter for bad-data detection and identification in power system state estimation. 1995 , 34, 127-134	20
867	. 1995 , 10, 818-824	57
866	On convergence analysis and convergence enhancement of power system least-squares state estimators. 1995 , 10, 2038-2044	13
865	. 1995 , 10, 1704-1710	42
864	. 1995 , 40, 558-562	66
863	. 1996, 11, 939-946	86

862	State estimation for power distribution system and measurement impacts. 1996 , 11, 911-916	120
861	Neuro Computing For State Estimation In Power Systems.	
860	Implementation of PMU technology in state estimation: an overview.	48
859	Topology processing and static state estimation using artificial neural networks. 1996 , 143, 99	28
858	A generalized admittance matrix based radial state estimator formulation.	1
857	Fast super decoupled state estimator for power systems. 1997 , 12, 1597-1603	10
856	Distribution circuit state estimation using a probabilistic approach. 1997 , 12, 45-51	126
855	Novel algorithms to estimate and adaptively update measurement error variance using power system state estimation results. 1998 , 47, 57-64	5
854	. 1998 , 13, 286-293	30
853	Analysis of Uncertainties in Water Systems Using Neural Networks. 1999 , 32, 145-147	6
852	A robust estimation method for topology error identification. 1999 , 14, 1469-1476	45
851	Gross Error Extraction Using Modified Relaxation in Power System State Estimation. 1999 , 27, 623-636	
850	Application of Parity Mismatches in Detection of Bad Data for Power System State Estimation. 1999 , 27, 1-10	
849	Tabu search based meter placement for topological observability in power system state estimation. 1999 ,	27
848	Power System State Estimation. 1999 ,	7
847	Fast super decoupled state estimator in rectangular coordinates and bad data processing.	О
846	Power system parameter estimation: a survey. 2000 , 15, 216-222	112
845	Electric power system state estimation. 2000 , 88, 262-282	408

(2004-2001)

844 Synchronous machine parameter estimation using a visual platform. **2001**,

843		27
842	A hybrid state estimator based on measurement system decomposition. 2001 ,	
841		2
840	A robust method for equality constrained state estimation. 2002 , 17, 305-314	24
839		2
838	Bad Data Detection of Unequal Magnitudes in State Estimation of Power Systems [Power Engineering Letters]. 2002 , 22, 57-60	5
837	PES News. 2002 , 22, 28-28	4
836	A security oriented approach to PMU positioning for advanced monitoring of a transmission grid.	32
835	Power system state estimation using singular value decomposition. 2003 , 67, 99-107	29
834	Sensor-fusion of hydraulic data for burst detection and location in a treated water distribution system. 2003 , 4, 217-229	65
833	Measurement placement method for power system state estimation: part I.	8
832	Load profile estimation in electric transmission networks using independent component analysis. 2003 , 18, 707-715	39
831	Estimating the actual cost of transmission system congestion. 2003,	4
830	Experimental studies and modeling of an information embedded power system. 2003,	1
829	Estimating loads in distribution feeders using a state estimator algorithm with additional adjustment of transformers loading factors.	1
828	Identification of the Topology of a Power System Network. 2003 , 36, 1399-1404	
827	Synchronized phasor measurement in protective relays for protection, control, and analysis of electric power systems. 2004 ,	5

826	•	1
825	Uncertainty modelling in power system state estimation. 2005 , 152, 233	53
824	Measurement location for state estimation of distribution networks with generation. 2005 , 152, 240	78
823	Period-Oriented State Estimation Approach for Power System Operational Control.	1
822	Experimental validation of a model for an information-embedded power system. 2005 , 20, 1853-1863	14
821	L p State Estimators for Power Systems. 2005 , 33, 699-712	6
820	Non-collocated power measurements in a power system state estimator.	1
819	. 2005 , 20, 1045-1050	19
818	Monitoring multiple harmonic sources in power systems using neural networks. 2005,	2
817	Visualization and Animation of State Estimation Performance.	10
816	. 2005,	15
816 815	. 2005, Voltage sag state estimation for power distribution systems. 2005, 20, 806-812	15 47
815	Voltage sag state estimation for power distribution systems. 2005 , 20, 806-812 Topology Identification, Bad Data Processing, and State Estimation Using Fuzzy Pattern Matching.	47
815 814	Voltage sag state estimation for power distribution systems. 2005 , 20, 806-812 Topology Identification, Bad Data Processing, and State Estimation Using Fuzzy Pattern Matching. 2005 , 20, 1570-1579	47 34
815 814 813	Voltage sag state estimation for power distribution systems. 2005, 20, 806-812 Topology Identification, Bad Data Processing, and State Estimation Using Fuzzy Pattern Matching. 2005, 20, 1570-1579 A Numerical Method for Finding Spanning Trees in Power System State Estimation. 2006, A Hopfield neural network based approach for state estimation of power systems embedded with	34
815 814 813 812	Voltage sag state estimation for power distribution systems. 2005, 20, 806-812 Topology Identification, Bad Data Processing, and State Estimation Using Fuzzy Pattern Matching. 2005, 20, 1570-1579 A Numerical Method for Finding Spanning Trees in Power System State Estimation. 2006, A Hopfield neural network based approach for state estimation of power systems embedded with FACTS devices. 2006,	47 34 2

808 Minimum information loss based state estimation for power systems. **2006**,

807	Convergence improvement and bad data detection for fast-decoupled state estimator using optimal multiplier. 2006 ,	2
806	M-Arctan estimator based on the trust-region method. 2006 , 28, 590-598	5
805	CHARACTERIZATION OF STATE ESTIMATION BIASES. 2006 , 20, 157-174	13
804	Decentralized power system state estimation using hybrid Kalman Bucy filter incorporating fuzzy logic.	
803	New Bad Data Rejection Algorithm using Nonquadratic Objective Function for State Estimation. 2007 ,	2
802	Voltage Sag State Estimation For Power Distribution Systems Using Kalman Filter. 2007,	1
801	Assessment of Switched Communication Network Availability for State Estimation of Distribution Networks With Generation. 2007 , 22, 1424-1432	12
800	Distributed state estimation technique for active distribution networks. 2007,	7
799	State Estimation Sensitivity Analysis. 2007 , 22, 1080-1091	28
798	A Distributed State Estimator Utilizing Synchronized Phasor Measurements. 2007 , 22, 563-571	123
797	Transmission Line Conductor Temperature Impact on State Estimation Accuracy. 2007,	63
796	A Hybrid Method of PTS and WLAV for State Estimation Including Network Topology Identification. 2007 ,	1
795	State Estimation Using Sparse Givens Rotation Field Programmable Gate Array. 2007,	2
794	Power System State Estimation: A New Method Based on Current Equations. 2007,	1
793	A Static State Estimation Approach Including Bad Data Detection and Identification in Power Systems. 2007 ,	18
792	Hierarchical State Estimation Applied to Wide-Area Power Systems. 2007,	10
791	Application of State Estimation Technique for Impedance matching to optimize Static Transfer Switch operation. 2007 ,	1

790	On Three-Phase State Estimation in the Presence of GPS-Synchronized Phasor Measurements. 2007 ,	8
789	Instantaneous Voltage Estimation for Assessment and Monitoring of Flicker Indices in Power Systems. 2007 , 22, 1841-1846	9
788	. 2007 , 22, 1680-1687	16
787	An Optimization Approach to Multiarea State Estimation. 2007 , 22, 213-221	91
786	The real confidence intervals in state estimation. 2007 , 7, 409-414	1
7 ⁸ 5	A genetic-based algorithm for optimal estimation of inputButput curve parameters of thermal power plants. 2007 , 89, 585-590	12
7 ⁸ 4	A Parallel Block Scaled Gradient Method With Decentralized Step-Size For Block Additive Unconstrained Optimization Problems Of Large Distributed Systems. 2008 , 5, 104-115	9
783	Transient State Estimation. 2008,	6
782	Robust state estimator applied to the Ecuadorian electric power system. 2008,	3
781	Power System Observability Analysis Based on Gram Matrix and Minimum Norm Solution. 2008 , 23, 1611-	1618 35
780	Diakoptic State Estimation Using Phasor Measurement Units. 2008, 23, 1580-1589	53
779	Comparison of state estimation algorithms for extreme contingencies. 2008,	19
778	A Review of Power System Dynamic State Estimation Techniques. 2008,	31
777	AC network state estimation using linear measurement functions. 2008, 2, 1	15
776	. 2008,	19
775	Optimal placement of PMUs in power systems based on improved PSO algorithm. 2008,	1
774	. 2008,	7
773	A Reliable and Fast-decoupled Weighted Least Square State Estimation for Power Systems. 2008 , 36, 1200-1207	8

772	Special purpose hardware for power system computation. 2008 ,	2
771	Particle Swarm Optimization Based Approach for Estimating the Fuel-cost Function Parameters of Thermal Power Plants with Valve Loading Effects. 2009 , 37, 1219-1230	14
770	Operational experiences in managing contingencies at Western Regional Load Despatch Centre of India. 2009 ,	1
769	Two stage state estimator with phasor measurements. 2009 ,	6
768	Critical consideration of the suitability of randomized optimization methods: Power system topology estimation problem. 2009 ,	
767	False data injection attacks against state estimation in electric power grids. 2009,	710
766	Estimating the inputButput parameters of thermal power plants using PSO. 2009, 50, 1767-1772	29
765	A new decoupling strategy for power system state estimation. 2009 , 50, 2047-2051	2
764	A parallel dual-type algorithm for a class of quadratic programming problems and applications. 2009 , 36, 5190-5199	5
763	Practical synchronized phasor solutions. 2009,	4
762	Real-world synchrophasor solutions. 2009,	11
761	Forecasting-Aided State Estimation B art I: Panorama. 2009 , 24, 1667-1677	125
760	Application of parallel particle swarm optimization on power system state estimation. 2009,	7
759	Multiple bad data identification in power system state estimation using particle swarm optimization. 2009 ,	5
758	Measurement Placement in Distribution System State Estimation. 2009 , 24, 668-675	152
757	Two-Level State Estimation With Local Measurement Pre-Processing. 2009 , 24, 676-684	43
756	Application and analysis of optimum PMU placement methods with application to state estimation accuracy. 2009 ,	14
755	A new state estimation method with bad data rejection properties. 2009 ,	1

754	Power System State Estimation Considering Measurement Dependencies. 2009 , 24, 1875-1885	58
753	Power system tracking and dynamic state estimation. 2009 ,	27
75 ²	PMU-based dynamic state estimation for electric power systems. 2009,	54
751	Optimal PMU placement using Iterated Local Search. 2010 , 32, 857-860	58
75°	Bad data pre-filter for state estimation. 2010 , 32, 1165-1174	11
749	Blind processing: Securing data against system administrators. 2010 ,	3
748	. 2010,	7
747	Thermal effect on State Estimation in microgrids. 2010,	2
746	Open Cyber-Architecture for electrical energy markets. 2010 ,	
745	Applied synchrophasor solutions and advanced possibilities. 2010,	4
744	Malicious Data Attacks on Smart Grid State Estimation: Attack Strategies and Countermeasures. 2010 ,	197
743	The innovation concept in bad data analysis using the composed measurements errors for power system state estimation. 2010 ,	10
742	. 2010,	3
741	Comparison of weighted-least-squares power system state estimation in polar and rectangular coordinate systems. 2010 ,	2
740	Distributed state estimation for multi-agent based active distribution networks. 2010,	9
739	A Robust Algorithm for Power System State Estimation With Equality Constraints. 2010 , 25, 1531-1541	22
738	Calculation of Measurement Correlations Using Point Estimate. 2010 , 25, 2095-2103	28
737	State estimation using constructed Jacobian (SECJ) embedded with UPFC. 2010 ,	O

(2011-2010)

736	Limiting false data attacks on power system state estimation. 2010 ,	88
735	False Data Injection Attacks in Electricity Markets. 2010 ,	223
734	Power system state estimation with fusion method. 2010,	
733	Uncertainty of power system state estimates due to measurements and network parameter uncertainty. 2010 ,	8
732	Intelligent distributed state estimation using REI system equivalents and phasor measurements. 2010 ,	1
73 ¹	Robust state-estimation procedure using a Least Trimmed Squares pre-processor. 2011 ,	7
730	. 2011,	10
729	A regression analysis based state transition model for power system dynamic state estimation. 2011 ,	9
728	Enhancement of hybrid state estimation using pseudo flow measurements. 2011,	22
727	Influence of UPFC device on power system state estimation. 2011,	2
726	Fully distributed bad data processing for wide area state estimation. 2011,	10
725	Consideration of different operation modes of UPFC in power system state estimation. 2011,	1
724	Robust State Estimator Based on Maximum Normal Measurement Rate. 2011 , 26, 2058-2065	39
723	On a Hierarchical False Data Injection Attack on Power System State Estimation. 2011 ,	5
722	Event-triggered multi-area state estimation in power systems. 2011 ,	7
721	A survey on state estimation techniques in electrical power system. 2011 ,	6
720	A distributed method for state estimation and false data detection in power networks. 2011,	33
719	Distributed joint cyber attack detection and state recovery in smart grids. 2011 ,	45

718	Innovation concept for measurement gross error detection and identification in power system state estimation. 2011 , 5, 603	40
717	A Factorized Approach to WLS State Estimation. 2011 , 26, 1724-1732	29
716	Multiple Bad Data Identification Considering Measurement Dependencies. 2011 , 26, 1953-1961	35
715	. 2011 , 26, 2109-2117	31
714	Analysis of the State Estimation Performance in Transient Conditions. 2011 , 26, 1866-1874	8
713	A Multilevel State Estimation Paradigm for Smart Grids. 2011 , 99, 952-976	177
712	Smart Generation and Transmission With Coherent, Real-Time Data. 2011 , 99, 928-951	110
711	Integrity Data Attacks in Power Market Operations. 2011 , 2, 659-666	307
710	Malicious Data Attacks on the Smart Grid. 2011 , 2, 645-658	500
709	Distributed fault detection for interconnected second-order systems. 2011 , 47, 2757-2764	269
708	State estimation of power systems containing facts controllers. 2011 , 81, 995-1002	13
707	A taxonomy of multi-area state estimation methods. 2011 , 81, 1060-1069	122
706	A sensitivity analysis method to compute the residual covariance matrix. 2011 , 81, 1071-1078	10
705	Observability analysis of electric networks considering branch impedance. 2011 , 33, 954-960	10
704	. 2011,	
703	Distributed detection of cyber-physical attacks in power networks: A waveform relaxation approach. 2011 ,	12
702	Multiple Bad Dats Identification Using Binary Particle Swarm Optimization. 2011 , 1, 269-273	2
701	Linear programming approach for state estimation incorporating phasor measurements. 2011 ,	

(2012-2011)

Notice of Retraction: A novel method for power system state estimation with maximum credibility. 700 2011, Implementation of a 3-phase state estimation tool suitable for advanced distribution management 699 4 systems. 2011, Distributed detection and isolation of topology attacks in power networks. 2012, 698 28 A case study of bad data detection for distribution feeder voltage measurement. 2012, 697 Power system state forecasting using regression analysis. 2012, 696 15 Locating line outages in a specific area of a power system with synchrophasors. 2012, 695 12 Towards Real-Time High Performance Computing for Power Grid Analysis. 2012, 694 Advancing the adoption of advanced computing methods and technologies for real-time control 693 4 center operations. 2012, Power system set membership state estimation. 2012, 692 1 Real-time evaluation of voltage control in distribution systems using remote measurements and 691 smart meters. 2012, State identification and automatic control of smart low voltage grids. 2012, 12 689 State Estimation. 2012, 1-12 State Estimation in Electric Power Grids: Meeting New Challenges Presented by the Requirements 688 255 of the Future Grid. 2012, 29, 33-43 Bilinear Power System State Estimation. 2012, 27, 493-501 687 41 Coordinated data-injection attack and detection in the smart grid: A detailed look at enriching 686 151 detection solutions. 2012, 29, 106-115 685 Fast decoupled multi area state estimation with PMUs measurements. 2012, 684 Two-level state estimation method for power systems with SCADA and PMU measurements. 2012, 1 State estimation via mathematical programming: a comparison of different estimation algorithms. 683 21 2012, 6, 545

682	. 2012,	1
681	State estimation for power systems with multilayer perceptron neural networks. 2012,	7
68o	A Cumulant-based method for credibility assessment of power system state estimation. 2012,	
679	Non-observability analysis by means of an evolutionary technique in measured Electric Power Systems. 2012 ,	
678	Maximum exponential absolute value approach for robust state estimation. 2012,	4
677	Fully distributed state estimation of smart grids. 2012,	
676	A search method for obtaining initial guesses for smart grid state estimation. 2012,	9
675	Reduced-order synchrophasor-assisted state estimation for smart grids. 2012 ,	7
674	Necessary and sufficient conditions for observability in power systems. 2012,	1
673	Coordinated algorithms for distributed state estimation with synchronized phasor measurements. 2012 , 96, 253-260	35
672	Smart Power Grids. 2012 , 1-25	6
671	Regularized Least Squares Power System State Estimation. 2012 , 27, 290-297	19
670	Neural Networks to Improve Distribution State Estimation Volt Var Control Performances. 2012 , 3, 1137-1144	30
669	SCPSE: Security-Oriented Cyber-Physical State Estimation for Power Grid Critical Infrastructures. 2012 , 3, 1790-1799	114
668	A Survey on Cyber Security for Smart Grid Communications. 2012 , 14, 998-1010	418
667	Unidentifiable Attacks in Electric Power Systems. 2012 ,	16
666	. 2012,	4
665	. 2012 , 3, 1154-1169	196

(2012-2012)

664	2012 ,	8
663	Effect of bad measurements on state estimation in power system. 2012,	2
662	Low voltage system state estimation using smart meters. 2012 ,	27
661	A non iterative method based on graph theoretic approach to solve meter placement problem for power system state estimation. 2012 ,	
660	Power system state estimation: methods, Implementation and evaluation. 2012,	1
659	On the nonlinearity effects on malicious data attack on power system. 2012 ,	1
658	Effects of parameter and measurement uncertainties on the power system WLS state estimation. 2012 ,	6
657	Semidefinite programming for power system state estimation. 2012 ,	24
656	Topology Perturbation for Detecting Malicious Data Injection. 2012,	54
655	Participation factor approach for phasor measurement unit placement in power system state estimation. 2012 , 6, 922	21
654	Smart grid system state measurement estimation over wireless channels. 2012,	2
653	Decentralized power system state estimation. 2012 ,	3
652	Distribution State Estimation field testing. 2012 ,	2
651	New Formulation for Distribution System State Estimation. 2012,	
650	Electric grid state estimators for distribution systems with microgrids. 2012,	24
649	Linear state estimation model using phasor measurement unit (PMU) technology. 2012,	12
648	Intelligent algorithm for optimal meter placement and bus voltage estimation in ring main distribution system. 2012 , 6, 47-56	O
647	Intelligent DE algorithm for measurement location and PSO for bus voltage estimation in power distribution system. 2012 , 39, 1-8	16

646	Distributed estimation via iterative projections with application to power network monitoring. 2012 , 48, 747-758	65
645	A Nonlinearity-Retaining State Estimation for Three-Phase Distribution System. 2012 , 24, 233-239	1
644	A method for determining pseudo-measurement state values for topology observability of state estimation in power systems. 2012 , 179, 27-34	2
643	Real-time intrusion detection in power system operations. 2013 , 28, 1052-1062	98
642	An Efficient State Estimation Algorithm Considering Zero Injection Constraints. 2013, 28, 2651-2659	13
641	Robust WLS estimator using reweighting techniques for electric energy systems. 2013 , 104, 9-17	15
640	State estimation in distribution system considering effects of AMI data. 2013,	10
639	A new under-frequency load shedding scheme for islanded distribution network. 2013 ,	4
638	Distributed algorithm for SDP state estimation. 2013 ,	9
637	Monitoring and Optimization for Power Grids: A Signal Processing Perspective. 2013 , 30, 107-128	153
637 636	Monitoring and Optimization for Power Grids: A Signal Processing Perspective. 2013 , 30, 107-128 Distribution state estimation for smart distribution system. 2013 ,	0
636	Distribution state estimation for smart distribution system. 2013,	0
636	Distribution state estimation for smart distribution system. 2013, Reduced Model for Power System State Estimation Using Artificial Neural Networks. 2013,	7
636 635 634	Distribution state estimation for smart distribution system. 2013, Reduced Model for Power System State Estimation Using Artificial Neural Networks. 2013, A multicriteria approach for meter placement in monitoring of smart distribution systems. 2013,	7
636 635 634	Distribution state estimation for smart distribution system. 2013, Reduced Model for Power System State Estimation Using Artificial Neural Networks. 2013, A multicriteria approach for meter placement in monitoring of smart distribution systems. 2013, A multicriteria approach for meter placement in distribution systems. 2013, Weighted least squares and iteratively reweighted least squares comparison using Particle Swarm	o 7 2 1
636 635 634 633	Distribution state estimation for smart distribution system. 2013, Reduced Model for Power System State Estimation Using Artificial Neural Networks. 2013, A multicriteria approach for meter placement in monitoring of smart distribution systems. 2013, A multicriteria approach for meter placement in distribution systems. 2013, Weighted least squares and iteratively reweighted least squares comparison using Particle Swarm Optimization algorithm in solving power system state estimation. 2013,	O 7 2 1 2

(2013-2013)

628	. 2013,	22
627	Bad data detection method for smart grids based on distributed state estimation. 2013,	27
626	Development of state estimator for low voltage networks using smart meters measurement data. 2013 ,	7
625	Guaranteed state estimation of power system via interval constraints propagation. 2013 , 7, 138-144	10
624	Factorized Load Flow. 2013 , 28, 4607-4614	19
623	Distribution state estimation with renewable sources based distributed generations using a modified quantum-inspired evolutionary algorithm. 2013 , 5, 053133	6
622	. 2013,	2
621	Determination of Geomagnetically Induced Current Flow in a Transformer From Reactive Power Absorption. 2013 , 28, 1280-1288	27
620	Real-time data reassurance in electrical power systems based on artificial neural networks. 2013 , 96, 285-295	29
619	Defending against Unidentifiable Attacks in Electric Power Grids. 2013 , 24, 1961-1971	19
618	Analog-Digital Power System State Estimation Based on Information Theory Part I: Theory. 2013 , 4, 1640-1646	13
617	Distribution state estimation performances with different state vectors. 2013,	5
616	Estimation of line parameters using the hybrid state estimator. 2013,	5
615	An event triggered tracking state estimator for power systems with integrated wind generation. 2013 ,	3
614	. 2013,	
613	A distributed implementation of multi-area power system state estimation on a cluster of computers. 2013 , 102, 20-32	27
612	Distributed Robust Power System State Estimation. 2013 , 28, 1617-1626	293
611	Optimal PMU placement for power system state estimation with random component outages. 2013 , 51, 35-42	54

610	Optimal static state estimation using improved particle swarm optimization and gravitational search algorithm. 2013 , 52, 254-265	52
609	An estimation fusion method for including phasor measurements into power system real-time modeling. 2013 , 28, 1910-1920	81
608	. 2013,	19
607	. 2013,	7
606	Waveform Relaxation Approach to Solution of Nonlinear Circuit. 2013, 459, 183-188	
605	State Estimation of Equivalent Current Measurement Transformation Based on Generalized Tellegen's Theorem. 2013 , 732-733, 941-947	1
604	Application of the undetectability index to design reliable metering systems for bad data processing. 2013 ,	0
603	A new distributed state estimation technique for power networks. 2013,	2
602	Competitive privacy: Distributed computation with privacy guarantees. 2013,	2
601	Multi Area State Estimation using area slack bus angle adjustment with minimal data exchange. 2013 ,	9
600	The effect of instrument transformer accuracy class on the WLS state estimator accuracy. 2013,	4
599	Data-driven topology estimation. 2014 ,	6
598	Speed up of data-driven state estimation using low-complexity indexing method. 2014,	1
597	Orthogonal Transformation State Estimation Based on Generalized Tellegen Theorem. 2014 , 960-961, 1034-1038	
596	Time Delay Measurement Compensation in Harmonic State Estimation. 2014 , 699, 745-750	
595	. 2014,	1
594	A consensus approach to dynamic state estimation for smart grid power systems. 2014 ,	2
593	Study on Protection Configuration of Power Supply in 220kV Electric Railway Traction Substation. 2014 , 1070-1072, 1035-1038	

592 Practical Analysis of State Estimation Based on Dispatching Simulation Platform. **2014**, 960-961, 1554-1561

591	Model validation for improving state estimation. 2014,	
590	Distributed Bayesian hybrid power state estimation with PMU synchronization errors. 2014,	2
589	Bad data detection in smart grid for AC model. 2014 ,	
588	The use of a PMU-based state estimator for tracking power system dynamics. 2014,	7
587	An approach to achieving global optimum of AC electric power system state estimators. 2014 ,	2
586	Distribution state estimation: A necessary requirement for the smart grid. 2014 ,	9
585	Identification of Outages in Power Systems With Uncertain States and Optimal Sensor Locations. 2014 , 8, 1140-1153	35
584	. 2014,	1
583	Power System State Estimation Under Incomplete PMU Observability Reduced-Order Approach. 2014 , 8, 1051-1062	19
582	A review on phasor measurement units placement for state estimation studies. 2014,	11
581	Distribution system state estimation considering the characteristics of power electronic loads. 2014 ,	5
580	A mixed-integer linear programming approach for robust state estimation. 2014 , 2, 366-373	6
579	State estimation in power distribution networks with poorly synchronized measurements. 2014,	14
578	New Reduced Model approach for Power System State Estimation Using Artificial Neural Networks and Principal Component Analysis. 2014 ,	5
577	Extended Distributed State Estimation: A Detection Method against Tolerable False Data Injection Attacks in Smart Grids. 2014 , 7, 1517-1538	56
576	Practical implementation of a VSC-HVDC in WLS-based state estimation. 2014 ,	
575	A robust measurement placement method in distribution system state estimation. 2014,	

574	Mixed simulation-state estimation of water distribution systems based on a least squares loop flows state estimator. 2014 , 38, 599-619	14
573	Vulnerabilities of Smart Grid State Estimation Against False Data Injection Attack. 2014 , 411-428	22
572	References. 2014 , 493-506	
571	Impact of Transformer Correlations in State Estimation Using the Unscented Transformation. 2014 , 29, 368-376	22
57°	Impact of Data Quality on Real-Time Locational Marginal Price. 2014 , 29, 627-636	75
569	. 2014 , 29, 1110-1120	23
568	On False Data-Injection Attacks against Power System State Estimation: Modeling and Countermeasures. 2014 , 25, 717-729	229
567	Intelligent monitoring and control in transmission and distribution networks. 2014,	7
566	Distributed State Estimation and Energy Management in Smart Grids: A Consensus\${+}\$ Innovations Approach. 2014 , 8, 1022-1038	146
565	Improving performance of the non-iterative direct state estimation method. 2014,	5
564	Power system state estimation: Undetectable bad data. 2014 , 24, 91-107	10
563	Energy grid state estimation under random and structured bad data. 2014,	8
562	Harmonic state estimation in distribution network based on fifth harmonic current characteristic. 2014 ,	3
561	. 2014 , 62, 4052-4063	53
560	The Effect of Variable Weights in a WLS State Estimator Considering Instrument Transformer Uncertainties. 2014 , 63, 1484-1495	34
559	Dynamic forced partitioning of robust hierarchical state estimators for power networks. 2014 ,	6
558	Dynamic Partitioning of DC Microgrid in Resilient Clusters Using Event-Driven Approach. 2014 , 5, 2618-2625	27
557	Multi Area State Estimation for smart grid application utilizing all SCADA and PMU measurements. 2014 ,	3

556	. 2014 , 5, 2901-2909	405
555	Unbalanced three-phase distribution state estimation using cooperative particle swarm optimization. 2014 ,	2
554	Stability of power network state estimation under attack. 2014 ,	1
553	. 2014 , 5, 1905-1919	1596
552	Guaranteed state estimation of synchronous generators based on DC programming. 2014,	
551	Dynamic joint outage identification and state estimation in power systems. 2014,	3
550	Power system state estimation and bad data analysis using weighted least square method. 2015,	4
549	Implementation of Rauch-Tung-Striebel smoother for power system dynamic state estimation in the presence of PMU measurements. 2015 ,	5
548	Fast decoupled state estimation based on current equations. 2015 ,	О
547	Distribution system fast decoupled state estimation based on complex pu normalization. 2015,	1
546	Analyzing effect of bad measurement data on load flow and state estimation in power system. 2015 ,	Ο
545	Distributed Weighted Least-Squares Estimation for Power Networks. 2015 , 48, 562-567	6
544	Active distribution system state estimation considering the characteristics of DGs. 2015,	2
543	Nodal load approximation in sparsely measured 4-wire electrical low-voltage grids by stochastic optimization. 2015 ,	
542	Reduced model state estimation for Wide-Area Monitoring Systems. 2015,	
54 ¹	A new substation linear state estimation method. 2015,	O
540	Hybrid state estimation of power system using conventional and phasor measurements. 2015,	1
539	Smart Grid Wide-Area Transmission System Visualization. 2015 , 1, 466-474	7

 $538\,$ State estimation of observable and unobservable power systems. 2015,

537	Constant observation matrix based power systems state estimation. 2015 ,	O
536	Automatic load transfer in electrical power system (In ring electrical network). 2015,	2
535	Knowledge uncertainty supervision in automatic control and measurements. 2015,	
534	Delay and jitter attacks on hierarchical state estimation. 2015 ,	5
533	An observability index for distribution networks using information entropy. 2015,	4
532	A multi-agent-based power system hybrid dynamic state estimator. 2015 , 30, 52-59	15
531	Power system state estimation using a direct non-iterative method. 2015 , 73, 361-368	13
530	Networked detection of voltage imbalances for three-phase power systems. 2015,	5
529	State estimation based determination of harmonic current contributions of iron and steel plants supplied from PCC. 2015 ,	2
528	Utility customer model for fifth harmonic state estimation in combination with fundamental state estimation in distribution network. 2015 ,	O
527	Improved State Estimation by optimal placement of measurement devices in Distribution System with DERs. 2015 ,	3
526	. 2015,	
525	. 2015,	3
524	Under-determined WLMS state estimation. 2015,	2
523	Using power state estimation to calculate hotspot temperature of distribution transformers. 2015,	
522	A distributed MAP approach to dynamic state estimation with applications in power networks. 2015 ,	1
521	Convexification of bad data and topology error detection and identification problems in AC electric power systems. 2015 , 9, 2760-2767	23

520	Effects of state estimation accuracy on the voltage control of low voltage grids. 2015,	1
519	A three-phase algorithm for state estimation in power distribution feeders based on the powers summation load flow method. 2015 , 123, 76-84	7
518	. 2015 , 6, 2050-2059	62
517	Hybrid method for power system state estimation. 2015 , 9, 636-643	11
516	An overview of distributed microgrid state estimation and control for smart grids. 2015 , 15, 4302-25	39
515	Impact of PMU's on robust estimators in the presence of gross errors. 2015,	
514	Distributed Power System State Estimation Using Factor Graphs. 2015 , 63, 2864-2876	29
513	Power system state estimation based on Iterative Extended Kalman Filtering and bad data detection using normalized residual test. 2015 ,	2
512	A novel decomposition of power systems for PMU placement. 2015 ,	1
511	Three phase distribution state estimation utilizing common information model. 2015,	5
510	Weighted least squares state estimation based on the optimal weight. 2015,	5
509	Sub-second state estimation implementation and its evaluation with real data. 2015,	7
508	Constrained state estimation with partial measurements in unobservable distribution network. 2015 ,	3
507	Dynamic state estimation in power systems using a distributed MAP method. 2015 ,	
506	Estimation of transmission line parameters using PMU measurements. 2015,	11
505	. 2015 , 11, 1-12	141
504	Hybrid power system state estimation using Taguchi differential evolution algorithm. 2015, 9, 449-466	12
503	. 2015,	1

502	PMU based Robust Dynamic State Estimation method for power systems. 2015,	1
501	Eigenvalue-based optimal placement of PMUs in large power systems. 2015,	
500	False information detection with minimum mean squared errors for Bayesian estimation. 2015,	4
499	Event triggered state estimation techniques for power systems with integrated variable energy resources. 2015 , 56, 165-72	14
498	Distribution System State Estimation Model Using a Reduced Quasi-Symmetric Impedance Matrix. 2015 , 30, 2856-2866	11
497	A Fast Decoupled State Estimator for Systems Measured by PMUs. 2015 , 30, 2766-2771	23
496	Paving the road toward Smart Grids through large-scale advanced metering infrastructures. 2015 , 120, 194-205	53
495	A Probabilistic Risk Mitigation Model for Cyber-Attacks to PMU Networks. 2015 , 30, 156-165	57
494	. 2015 , 6, 421-430	54
493	Optimal PMU Placement for Power System Dynamic State Estimation by Using Empirical Observability Gramian. 2015 , 30, 2041-2054	107
493 492		37
	Observability Gramian. 2015 , 30, 2041-2054	
492	Observability Gramian. 2015, 30, 2041-2054 Particle swarm optimization for power system state estimation. 2015, 148, 175-180 Decentralized unscented Kalman filter based on a consensus algorithm for multi-area dynamic	37
49 ² 49 ¹	Observability Gramian. 2015, 30, 2041-2054 Particle swarm optimization for power system state estimation. 2015, 148, 175-180 Decentralized unscented Kalman filter based on a consensus algorithm for multi-area dynamic state estimation in power systems. 2015, 65, 26-33 Real-Time Detection of False Data Injection in Smart Grid Networks: An Adaptive CUSUM Method	37 67
49 ² 49 ¹ 49 ⁰	Observability Gramian. 2015, 30, 2041-2054 Particle swarm optimization for power system state estimation. 2015, 148, 175-180 Decentralized unscented Kalman filter based on a consensus algorithm for multi-area dynamic state estimation in power systems. 2015, 65, 26-33 Real-Time Detection of False Data Injection in Smart Grid Networks: An Adaptive CUSUM Method and Analysis. 2016, 10, 532-543 Analysis and Experiment of Influencing Factors of Power Branch Parameters for Intelligent	37 67
49 ² 49 ¹ 49 ⁰ 489	Observability Gramian. 2015, 30, 2041-2054 Particle swarm optimization for power system state estimation. 2015, 148, 175-180 Decentralized unscented Kalman filter based on a consensus algorithm for multi-area dynamic state estimation in power systems. 2015, 65, 26-33 Real-Time Detection of False Data Injection in Smart Grid Networks: An Adaptive CUSUM Method and Analysis. 2016, 10, 532-543 Analysis and Experiment of Influencing Factors of Power Branch Parameters for Intelligent Dispatching. 2016, Computation of calculated measurements values with higher accuracy comparing to measurements	37 67
492 491 490 489 488	Particle swarm optimization for power system state estimation. 2015, 148, 175-180 Decentralized unscented Kalman filter based on a consensus algorithm for multi-area dynamic state estimation in power systems. 2015, 65, 26-33 Real-Time Detection of False Data Injection in Smart Grid Networks: An Adaptive CUSUM Method and Analysis. 2016, 10, 532-543 Analysis and Experiment of Influencing Factors of Power Branch Parameters for Intelligent Dispatching. 2016, Computation of calculated measurements values with higher accuracy comparing to measurements themselves. 2016,	37 67 100

484	A bilinear robust state estimator. 2016 , 26, 1476-1492	2
483	Bad data detection in power system state estimation based on generalized likelihood ratio test. 2016 , 04, 1650016	3
482	. 2016,	4
481	. 2016,	
480	Power system state estimation using wire temperature measurements for model accuracy enhancement. 2016 ,	3
479	Performance analysis of sparse recovery models for bad data detection and state estimation in electric power networks. 2016 ,	3
478	PMU based real time power system state estimation using ePHASORsim. 2016,	2
477	Optimal placement of PMUs using Greedy Algorithm and state estimation. 2016 ,	4
476	Detection of false data injection attacks in smart grid under colored Gaussian noise. 2016,	15
475	Incorporation of synchronized phasor measurements in generalized state estimation. 2016,	1
474	State estimation for distribution systems using branch currents as state variables. 2016,	0
473	Least-Trimmed-Absolute-Value algorithm for robust power system state estimation. 2016,	О
472	Performance comparison of distribution system state estimation methods. 2016,	5
471	Harmonic distortion assessment using state estimation algorithm. 2016,	1
470	A novel technique of state estimation for well-conditioned and ill-conditioned systems using constant observation matrix. 2016 ,	
469	Particle filter joint state and parameter estimation of dynamic power systems. 2016,	3
468	On the contribution of synchronized measurement technology in power system monitoring. 2016,	1
467	Power system state estimation via feasible point pursuit. 2016 ,	4

466	Adaptive Optimal PMU Placement Based on Empirical Observability Gramian**This work was supported in part by U.S. Department of Energy, Office of Electricity Delivery and Energy Reliability under contract DE-AC02-06CHff357, the CURENT engineering research center, and Naval Research Laboratory and Defense Advanced Research Projects Agency 2016, 49, 482-487	3
465	Bid Modification Attack in Smart Grid for Monetary Benefits. 2016 ,	3
464	State estimation of the power system using robust estimator. 2016 ,	О
463	Dynamic state estimation for power networks using distributed MAP technique. 2016 , 73, 27-37	20
462	Dynamic state estimation of a permanent magnet synchronous generator-based wind turbine. 2016 , 10, 1278-1286	20
461	Uncertainty Evaluation for Constrained State Estimation in Water Distribution Systems. 2016 , 142, 06016004	18
460	State estimation of medium voltage distribution networks using smart meter measurements. 2016 , 184, 207-218	56
459	Large-scale power systems state estimation using PMU and SCADA data. 2016 ,	5
458	Dynamic state estimation of a doubly fed induction generator based on a comprehensive nonlinear model. 2016 , 69, 92-112	7
457	Feasibility and mitigation of false data injection attacks in smart grid. 2016,	6
456	Distribution system state estimation using phasor measurement units. 2016 ,	2
455		
	Detection of cyber attacks with access to partial data in power system using spy nodes. 2016 ,	
454	Detection of cyber attacks with access to partial data in power system using spy nodes. 2016 , Power System Static-State Estimation With Uncertain Network Parameters as Input Data. 2016 , 65, 2485-2494	¹ 7
454 453		17
	Power System Static-State Estimation With Uncertain Network Parameters as Input Data. 2016 , 65, 2485-2494	3
453	Power System Static-State Estimation With Uncertain Network Parameters as Input Data. 2016, 65, 2485-2494 Stochastic residential load management utilizing fuzzy-based simplex optimization. 2016,	
453 452	Power System Static-State Estimation With Uncertain Network Parameters as Input Data. 2016, 65, 2485-2494 Stochastic residential load management utilizing fuzzy-based simplex optimization. 2016, Robust state estimation in distribution networks. 2016,	3

448	Uncertainty analysis of aggregated smart meter data for state estimation. 2016,	13
447	WLS state estimation in polar and rectangular coordinate systems for power system with phase shifter. 2016 ,	O
446	. 2016,	1
445	Dishonest Gauss Newton method based power system state estimation on a GPU. 2016 ,	5
444	DDOA: A Dirichlet-Based Detection Scheme for Opportunistic Attacks in Smart Grid Cyber-Physical System. 2016 , 11, 2415-2425	61
443	. 2016 , 7, 300-309	131
442	A state estimation approach for fault location in transmission lines considering data acquisition errors and non-synchronized records. 2016 , 78, 663-671	4
441	System State Estimation Considering EV Penetration With Unknown Behavior Using Quasi-Newton Method. 2016 , 31, 4605-4615	18
440	. 2016 , 52, 2654-2663	13
439	Off-line tracking of series parameters in distribution systems using AMI data. 2016 , 134, 205-212	2
438	Multi-agent-based dynamic state estimator for multi-area power system. 2016 , 10, 131-141	13
437	. 2016 , 31, 4357-4370	32
436	. 2016 , 31, 4806-4816	33
435	Observability Analysis in Water Transport Networks: Algebraic Approach. 2016 , 142, 04015071	24
434	Testing and Validation of Power System Dynamic State Estimators Using Real Time Digital Simulator (RTDS). 2016 , 31, 2338-2347	19
433	An Iterative Multiarea State Estimation Approach Using Area Slack Bus Adjustment. 2016 , 10, 69-77	11
432	A Two-Stage State Estimator for Dynamic Monitoring of Power Systems. 2017 , 11, 1767-1776	21
431	An Extension of Common Information Model for Power System Multiarea State Estimation. 2017 , 11, 1692-1701	5

430	Load Forecasting via Diversified State Prediction in Multi-Area Power Networks. 2017 , 8, 2675-2684	10
429	Robust Data-Driven State Estimation for Smart Grid. 2017 , 8, 1956-1967	59
428	Multiagent System-Based Integrated Solution for Topology Identification and State Estimation. 2017 , 13, 714-724	21
427	Robust State Estimator Based on Maximum Exponential Absolute Value. 2017 , 8, 1537-1544	58
426	Distributed Robust Bilinear State Estimation for Power Systems with Nonlinear Measurements. 2017 , 32, 499-509	46
425	Distribution system state estimation using compressive sensing. 2017 , 88, 175-186	24
424	. 2017, 1-1	40
423	Detection of False-Data Injection Attacks in Cyber-Physical DC Microgrids. 2017 , 13, 2693-2703	131
422	Power system state estimation accuracy and observability evaluation with optimal PMU placement. 2017 ,	1
421	Identifying a practical state estimation scheme incorporating substation measurement dependencies. 2017 ,	
420	State estimation in a smart distribution system. 2017 , 24, 1-8	4
419	A Smart Micro-Grid Architecture for Resource Constrained Environments. 2017 ,	9
418	Multiple gross errors detection, identification and correction in three-phase distribution systems WLS state estimation: A per-phase measurement error approach. 2017 , 151, 174-185	25
417	Sequential Discrete Kalman Filter for Real-Time State Estimation in Power Distribution Systems: Theory and Implementation. 2017 , 66, 2358-2370	35
416	Big data issues in smart grid D A review. 2017 , 79, 1099-1107	145
415	A Cubature Kalman Filter Based Power System Dynamic State Estimator. 2017 , 66, 2036-2045	45
414	Distributed host-based collaborative detection for false data injection attacks in smart grid cyber-physical system. 2017 , 103, 32-41	79
413	A Hybrid State Estimator using Current based Estimator and PMU Measurements. 2017 , 117, 1117-1124	1

(2017-2017)

412	Simplex optimization for particle filter joint state and parameter estimation of dynamic power systems. 2017 ,	1
411	State estimation of active distribution system based on the factor graph analysis and belief propagation algorithm. 2017 ,	
410	Cyber-attack detection system of large-scale power systems using decentralized unknown input observer. 2017 ,	11
409	First-Order Methods for Fast Feasibility Pursuit of Non-convex QCQPs. 2017 , 65, 5927-5941	8
408	Total Variation Measurement Decoding (TVMD) for Reliable Wireless Transmission of PMU Measurements in Smart Grids. 2017 ,	1
407	Review of cyber attacks on power system operations. 2017 ,	18
406	A hybrid method for power system state estimation using Cellular Computational Network. 2017 , 64, 140-151	4
405	Multi-area distributed three-phase state estimation for unbalanced active distribution networks. 2017 , 5, 767-776	14
404	Detection and Correction of Systematic Errors in Instrument Transformers Along With Line Parameter Estimation Using PMU Data. 2017 , 32, 3089-3098	35
403	Error Detection of DC Power Flow Using State Estimation. 2017, 31-51	1
403	Error Detection of DC Power Flow Using State Estimation. 2017 , 31-51 . 2017 , 32, 370-380	1 47
402	. 2017 , 32, 370-380	47
402	. 2017 , 32, 370-380 Local and Remote Estimations Using Fitted Polynomials in Distribution Systems. 2017 , 32, 3185-3194 Detection of false data injection attacks against state estimation in smart grids based on a mixture	47 9
402 401 400	. 2017, 32, 370-380 Local and Remote Estimations Using Fitted Polynomials in Distribution Systems. 2017, 32, 3185-3194 Detection of false data injection attacks against state estimation in smart grids based on a mixture Gaussian distribution learning method. 2017, 2, 161-171	47 9 7°
402 401 400 399	. 2017, 32, 370-380 Local and Remote Estimations Using Fitted Polynomials in Distribution Systems. 2017, 32, 3185-3194 Detection of false data injection attacks against state estimation in smart grids based on a mixture Gaussian distribution learning method. 2017, 2, 161-171 State estimation for unbalanced electric power distribution systems using AMI data. 2017,	47 9 7°
402 401 400 399 398	. 2017, 32, 370-380 Local and Remote Estimations Using Fitted Polynomials in Distribution Systems. 2017, 32, 3185-3194 Detection of false data injection attacks against state estimation in smart grids based on a mixture Gaussian distribution learning method. 2017, 2, 161-171 State estimation for unbalanced electric power distribution systems using AMI data. 2017, . 2017,	47 9 70 14

394	Distributed multi-area WLS state estimation integrating measurements weight update. 2017 , 11, 2552-2561	6
393	Recent advances on state estimation for power grids with unconventional measurements. 2017 , 11, 3221-323	214
392	Merging conventional and phasor measurements in state estimation: A multi-criteria perspective. 2017 ,	4
391	Detection of bad data in phasor measurement units using distributed approach. 2017,	O
390	Robust mapping rule estimation for power flow analysis in distribution grids. 2017,	21
389	Decentralized multi-area state estimation with hybrid measurements. 2017,	2
388	AC sparse modeling for false data injection attack on smart gird. 2017,	О
387	Modeling quadrature booster in power system state estimation in rectangular coordinate system. 2017 ,	
386	Gross error processing in state estimation: Comparing the residual and the error tests. 2017,	2
385	PMUs clock de-synchronization compensation for smart grid state estimation. 2017,	1
384	The effect of PMU measurement delays on a linear state estimator: Centralized Vs decentralized. 2017 ,	О
383	State estimation in power system using weighted least squares method. 2017 ,	O
382	Spatial-temporal state estimation using CMCGD applied to distribution networks. 2017,	3
381	State estimation for large-scale power systems based on hybrid CPU-GPU platform. 2017 ,	4
380	Stochastic optimal allocation of PMUs for improving the accuracy of state estimation. 2017,	
379	Ranking power system states based on vulnerability to false data injection. 2017 ,	1
378	Distributed quasi-dynamic state estimation with both GPS-synchronized and non-synchronized data. 2017 ,	4
377	Testing equations method for electrical energy measurements systematic errors detection and measurements results adjustment. 2017 , 870, 012015	1

(2018-2017)

Influence of measurement levels number on the accuracy of calculated estimate during the electrical energy measurements verification. **2017**, 870, 012014

375	. 2017,	O
374	Decentralized power system state estimation via non-convex multi-agent optimization. 2017 ,	1
373	Computing static state of linear electrical networks using iteratively weighted least squares algorithm. 2017 ,	
372	Event-triggered distributed dynamic state estimation with imperfect measurements over a finite horizon. 2017 , 11, 2607-2622	4
371	Distribution System State Estimation: A bibliographical Survey. 2017 ,	1
370	Considerations on measurement locations for WAMS based linear state estimation of power systems. 2017 ,	1
369	References. 2017 , 567-599	
368	Data Structures and Implementation of Fast Distribution System Power Flow and State Estimation. 2017 ,	0
367	Abductive identification of bad data: methodology and field test. 2018 , 12, 150-159	2
366	A Multi-Objective Robust State Estimator for Systems Measured by Phasor Measurement Units. 2018 , 6, 14620-14628	4
365	Power System State Estimation via Feasible Point Pursuit: Algorithms and Cramf-Rao Bound. 2018 , 66, 1649-1658	23
364	Topological State Estimation in Water Distribution Systems: Mixed-Integer Quadratic Programming Approach. 2018 , 144, 04018026	7
363	A hybrid power system state estimator using synchronized and unsynchronized sensors. 2018 , 28, e2580	13
362	Practical Coordination Between Day-Ahead and Real-Time Optimization for Economic and Stable Operation of Distribution Systems. 2018 , 33, 4475-4487	18
361	Maximum Likelihood Ensemble Filter State Estimation for Power Systems. 2018 , 67, 2097-2106	9
360	Distributed Dynamic State Estimation of Power Systems. 2018 , 14, 3395-3404	20
359	Explicit Expressions for State Estimation Sensitivity Analysis in Water Systems. 2018 , 144, 06018001	9

358	Power System Tracking State Estimator for Smart Grid Under Unreliable PMU Data Communication Network. 2018 , 18, 2107-2116	19
357	Probabilistic leak detectability assessment via state estimation in water transport networks. 2018 , 32, 2111-2128	3
356	Three-phase state estimation in the medium-voltage network with aggregated smart meter data. 2018 , 98, 463-473	23
355	An Educational Software for Enhancing Research in Power System State Estimation. 2018 , 46, 802-813	
354	Decentralized three-phase distribution system static state estimation based on phasor measurement units. 2018 , 160, 327-336	8
353	False Data Injection Attacks on Contingency Analysis: Attack Strategies and Impact Assessment. 2018 , 6, 8841-8851	18
352	Tuning of Measurement Weights in State Estimation: Theoretical Analysis and Case Study. 2018 , 33, 4583-459	926
351	Dynamic State Estimation for Multi-Machine Power System by Unscented Kalman Filter With Enhanced Numerical Stability. 2018 , 9, 1184-1196	72
350	Risk Mitigation for Dynamic State Estimation Against Cyber Attacks and Unknown Inputs. 2018 , 9, 886-899	57
349	Data Injection Attacks on Electricity Markets by Limited Adversaries: Worst-Case Robustness. 2018 , 9, 5710-5720	20
348	Centralized Identification of Imbalances in Power Networks With Synchrophasor Data. 2018 , 33, 1981-1992	9
347	. 2018 , 9, 6338-6347	10
346	Joint-Transformation-Based Detection of False Data Injection Attacks in Smart Grid. 2018, 14, 89-97	73
345	Optimal Software Patching Plan for PMUs. 2018 , 9, 6500-6510	3
344	Sensitivity analysis of method for harmonic state estimation in the power system. 2018 , 154, 515-527	7
343	Electric Power Distribution System Model Simplification Using Segment Substitution. 2018, 33, 2874-2881	10
342	Heuristic monitoring method for sparsely measured distribution grids. 2018 , 95, 146-155	9
341	A robust complex-domain state estimator using synchrophasor measurements. 2018 , 96, 412-421	11

(2018-2018)

340	Neural network-based power system dynamic state estimation using hybrid data from SCADA and phasor measurement units. 2018 , 28, e2481	13
339	The Sequential Importance Sampling Particle Filter with a Systematic Resampling in the State Estimation of Power Systems. 2018 ,	1
338	Comparison of estimates calculated on the energy flow problem basis and using testing equations method. 2018 , 208, 03002	1
337	Real-time Implementation of Synchrophasor Based Linear State Estimator in OPAL-RT HYPERSIM. 2018 ,	O
336	Enhancement of State Estimation Power System Based Hybrid Algorithm. 2018,	О
335	Status and Prospect of Bad Data Identification in Smart Substation. 2018,	
334	Fast Probabilistic Load Flow for Non-Radial Distribution Grids. 2018,	1
333	An Equivalent Circuit Formulation for Power System State Estimation including PMUs. 2018,	6
332	A PMU Model for Dynamic State Estimation of Power Systems. 2018,	
331	Dynamic State Estimation of Combined Heat and Power System Considering Quasi-Dynamics of Temperature in Pipelines. 2018 ,	3
330	Methods of linear and nonlinear state estimation of distribution network. 2018 , 58, 03010	
329	Performance of the Estimators Weighted Least Square, Extended Kalman Filter, and the Particle Filter in the Dynamic Estimation of State Variables of Electrical Power Systems. 2018 ,	3
328	Investigating the Factors Affecting State Estimation of Emerging Distribution Grids. 2018,	
327	State Estimation of Innovation Graph for PMU Power Grid Observation System. 2018,	
326	Dynamic State Estimation of Electric Power System Integrating Wind Power Generation. 2018, 69, 02013	
325	State Estimation with Optimal PMU Placement Considering Various Contingencies. 2018,	4
324	Mathematical Model of Overhead Line for Mode Control Based on the Vector Measurements. 2018 , 51, 468-472	
323	Feasibility of Generic Load Modeling for State Estimation in Distribution System. 2018,	

322 Inclusion of Phasor Measurement Units in Least Measurement Rejected State Estimator. 2018,

321	CoDiT: Commissioning Diagnostic Tool for WAMS Based Linear State Estimation of Power Systems. 2018,	2
320	State Estimation for Unobservable Distribution Systems via Deep Neural Networks. 2018,	7
319	A Review and Performance Comparison of Power System State Estimation Techniques. 2018,	1
318	Enhanced Bad Data Identification in Distribution System State Estimation. 2018,	1
317	A Mixed WLS Power System State Estimation Method Integrating a Wide-Area Measurement System and SCADA Technology. 2018 , 11, 408	6
316	Big Data Applications in Electric Energy Systems. 2018,	6
315	Distributed Dynamic State Estimation in Active Distribution System Based on Particle Filter. 2018,	1
314	Differential evolutionary particle swarm optimization for load adjustment distribution state estimation using correntropy. 2018 , 205, 11-21	4
313	Multi-Stage Constrained State Identification in Distribution Grids Using Uncertainty Intervals. 2018,	
312	Accurate estimation of cost function parameters for thermal power plants using a novel optimization approach. 2018 , 40, 2986-2999	6
311	Fast Projection-Based Solvers for the Non-Convex Quadratically Constrained Feasibility Problem. 2018 ,	
310	An Evolutionary EM-Algorithm for Distribution System State Estimation. 2018,	0
309	False Data Injection Attacks Against State Estimation in Smart Grids: Challenges and Opportunities. 2018 ,	3
308	A Resilient Smart Micro-Grid Architecture for Resource Constrained Environments. 2018 , 71-101	1
307	Pre-Commercial Demonstration of a Direct Non-Iterative State Estimator. 2018 ,	1
306	Hierarchical parallel dynamic estimator of states for interconnected power system. 2018 , 12, 2299-2306	8
305	State Estimation. 2018 , 15-35	

304	Performance guaranteed state estimation for renewable penetration with improved meters. 2018 , 2018, 323-331	0
303	Performance and Accuracy Investigation of the Two-Step Algorithm for Power System State and Line Temperature Estimation. 2018 , 11, 1005	10
302	Significance of specific information on phase shifter in power system state estimation in polar coordinate system. 2018 ,	
301	Greedy pursuit han efficient approach from compressed sensing to robust state estimation. 2018 , 12, 2140-2147	1
300	Non-linear state recovery in power system under bad data and cyber attacks. 2019 , 7, 1071-1080	9
299	Probabilistic State Estimation Approach for AC/MTDC Distribution System Using Deep Belief Network With Non-Gaussian Uncertainties. 2019 , 1-1	4
298	Application of functional modelling for monitoring of WTG in a cyber-physical environment. 2019 , 4, 79-87	4
297	Towards insider threats detection in smart grid communication systems. 2019 , 13, 1728-1736	4
296	Bayesian State Estimation for Unobservable Distribution Systems via Deep Learning. 2019 , 34, 4910-4920	36
295	State Estimation. 2019 , 203-245	
294	Design and implementation of hybrid Kalman filter for state estimation of power system under unbalanced loads. 2019 , 2019, 3442-3447	2
294	Design and implementation of hybrid Kalman filter for state estimation of power system under	2
	Design and implementation of hybrid Kalman filter for state estimation of power system under unbalanced loads. 2019 , 2019, 3442-3447	
293	Design and implementation of hybrid Kalman filter for state estimation of power system under unbalanced loads. 2019 , 2019, 3442-3447 SCADA and PMU Measurement Based Methods for Robust Hybrid State Estimation. 2019 , 47, 849-860	5
293	Design and implementation of hybrid Kalman filter for state estimation of power system under unbalanced loads. 2019, 2019, 3442-3447 SCADA and PMU Measurement Based Methods for Robust Hybrid State Estimation. 2019, 47, 849-860 Optimal Placement of PMUs for Power System State Estimation. 2019, Optimal PMU Placement and State Estimation in Indian Practical Systems Considering Multiple Bad	5 O
293 292 291	Design and implementation of hybrid Kalman filter for state estimation of power system under unbalanced loads. 2019, 2019, 3442-3447 SCADA and PMU Measurement Based Methods for Robust Hybrid State Estimation. 2019, 47, 849-860 Optimal Placement of PMUs for Power System State Estimation. 2019, Optimal PMU Placement and State Estimation in Indian Practical Systems Considering Multiple Bad Data and sudden change of load. 2019,	5 0
293 292 291 290	Design and implementation of hybrid Kalman filter for state estimation of power system under unbalanced loads. 2019, 2019, 3442-3447 SCADA and PMU Measurement Based Methods for Robust Hybrid State Estimation. 2019, 47, 849-860 Optimal Placement of PMUs for Power System State Estimation. 2019, Optimal PMU Placement and State Estimation in Indian Practical Systems Considering Multiple Bad Data and sudden change of load. 2019, Spurious Local Minima in Power System State Estimation. 2019, 6, 1086-1096 Quality of the State Estimation of an Electric Power System and Its Numerical Measurement. 2019,	5 0

286	A Novel Robust State Estimator Based on Rectangular Pulse Function. 2019 , 7, 113525-113533	2
285	Model-based fault detection and isolation of non-technical losses in electrical networks. 2019 , 25, 397-428	2
284	Learning from power system data stream. 2019 ,	1
283	Robust State Estimation Using Node-Breaker Substation Models and Phasor Measurements. 2019,	3
282	Correntropy-Based Fusion Strategy for Incorporating PMU Measurements into Power System State Estimation. 2019 ,	3
281	A Fully Distributed Coordination Method for Fast Decoupled Multi-Region State Estimation. 2019 , 7, 132859-132870	3
280	Power System Dynamic State Estimation: Motivations, Definitions, Methodologies, and Future Work. 2019 , 34, 3188-3198	181
279	. 2019 , 10, 6000-6013	35
278	Wide and Recurrent Neural Networks for Detection of False Data Injection in Smart Grids. 2019, 335-345	3
277	Cognitive Dynamic System for Control and Cyber-Attack Detection in Smart Grid. 2019 , 7, 78320-78335	12
276	. 2019,	3
275	Novel approach to power system state estimation for transmission and distribution systems. 2019 , 13, 1970-1978	6
274	Secure Distributed State Estimation for Networked Microgrids. 2019 , 6, 8046-8055	14
273	Detection of False Data Injection Attacks in Smart Grid Utilizing ELM-Based OCON Framework. 2019 , 7, 31762-31773	35
272	Spatial Matrix Based Clustering of Sparse Electric Power Networks. 2019 , 110, 26-38	
271	Support Vector Machine State Estimation. 2019 , 33, 517-530	3
270	Total Variation Based Joint Detection and State Estimation for Wireless Communication in Smart Grids. 2019 , 7, 31598-31614	1
269	A novel robust approach for analysis of longitudinal data. 2019 , 138, 83-95	1

268	Robust and Scalable Power System State Estimation via Composite Optimization. 2019 , 10, 6137-6147	31
267	. 2019 , 34, 3059-3068	11
266	Distribution system state estimation: an overview of recent developments. 2019 , 20, 4-17	36
265	Assessing Algorithms of Phasor Measurements Optimal Placement for State Estimation. 2019,	О
264	Maximum Correntropy Extended Kalman Filtering for Power System Dynamic State Estimation. 2019 ,	6
263	Cubature Particle Filtering Approach for State Estimation in Electrical Distribution Systems. 2019,	
262	Distributed State Estimation for AC Power Systems using Gauss-Newton ALADIN. 2019,	3
261	AMR Complexes Metrological Characteristics Control at Calibration Time Intervals. 2019,	1
260	Linearized Attack Vector Formulation against AC State Estimator. 2019,	1
259	Learning Warm-Start Points For Ac Optimal Power Flow. 2019 ,	18
259 258	Learning Warm-Start Points For Ac Optimal Power Flow. 2019, A Data-Driven Dynamic State Estimation for Smart Grids under DoS Attack using State Correlations. 2019,	18
	A Data-Driven Dynamic State Estimation for Smart Grids under DoS Attack using State Correlations.	
258	A Data-Driven Dynamic State Estimation for Smart Grids under DoS Attack using State Correlations. 2019, Physics-Guided Deep Learning for Time-Series State Estimation Against False Data Injection	8
258	A Data-Driven Dynamic State Estimation for Smart Grids under DoS Attack using State Correlations. 2019, Physics-Guided Deep Learning for Time-Series State Estimation Against False Data Injection Attacks. 2019,	8
258 257 256	A Data-Driven Dynamic State Estimation for Smart Grids under DoS Attack using State Correlations. 2019, Physics-Guided Deep Learning for Time-Series State Estimation Against False Data Injection Attacks. 2019, Learning the Unobservable: High-Resolution State Estimation via Deep Learning. 2019,	2
258 257 256 255	A Data-Driven Dynamic State Estimation for Smart Grids under DoS Attack using State Correlations. 2019, Physics-Guided Deep Learning for Time-Series State Estimation Against False Data Injection Attacks. 2019, Learning the Unobservable: High-Resolution State Estimation via Deep Learning. 2019, Fast LAV Estimation via Composite Optimization. 2019,	2 2
258 257 256 255 254	A Data-Driven Dynamic State Estimation for Smart Grids under DoS Attack using State Correlations. 2019, Physics-Guided Deep Learning for Time-Series State Estimation Against False Data Injection Attacks. 2019, Learning the Unobservable: High-Resolution State Estimation via Deep Learning. 2019, Fast LAV Estimation via Composite Optimization. 2019, A Novel Approach for State Estimation Using Generative Adversarial Network. 2019, Dynamic State Estimation of Synchronous Generator based Distributed Energy Resource in	8 2 2 1

250	A Computationally Efficient Solution Algorithm for Least Absolute Value State Estimation Problem. 2019 ,	1
249	Performance Assessment of Kron Reduction in the Numerical Analysis of Polyphase Power Systems. 2019 ,	
248	A Linear Formulation for Power System State Estimation including RTU and PMU Measurements. 2019 ,	7
247	Branch Current based Distribution System State Estimation. 2019,	1
246	Bounds of Estimated States Based on Line Parameter Uncertainties. 2019,	
245	Robust and Fast State Estimation for Poorly-Observable Low Voltage Distribution Networks Based on the Kalman Filter Algorithm. 2019 , 12, 4457	6
244	Equivalent Circuit Programming for Estimating the State of a Power System. 2019,	2
243	Evaluation of a Three-Phase Distribution System State Estimation for Operational Use in a Real Medium Voltage Grid. 2019 ,	
242	State Estimation in Smart Distribution Systems with Deep Generative Adversary Networks. 2019,	3
241	. 2019 , 34, 2565-2576	8
240	Single iteration conditional based DSSE considering spatial and temporal correlation. 2019, 107, 644-655	8
239	Comparison of Different Techniques for Power System State Estimation. 2019, 51-61	
238	Packet-data anomaly detection in PMU-based state estimator using convolutional neural network. 2019 , 107, 690-702	53
237	Robust Power System State Estimation From Rank-One Measurements. 2019 , 6, 1391-1403	6
236	. 2019 , 10, 5114-5124	11
235	A new algorithm for improving the numerical stability of power system state estimation. 2019 , 14, 358-365	6
234	Security in Smart Cyber-Physical Systems: A Case Study on Smart Grids and Smart Cars. 2019 , 147-163	7
233	Roots, achievements, and prospects of power system state estimation: A review on handling corrupted measurements. 2019 , 29, e2779	8

(2020-2019)

232	False Data Injection Attacks in Electricity Markets by Limited Adversaries: Stochastic Robustness. 2019 , 10, 128-138	36
231	Vulnerability Analysis of Smart Grids to GPS Spoofing. 2019 , 10, 3535-3548	36
230	Power system state estimation with extended power formulations. 2020 , 115, 105443	6
229	Distributed Control of Microgrids. 2020 , 403-422	2
228	An Adequate Mathematical Model of an Ultrahigh-Voltage Overhead Transmission Line Using Synchronized Phasor Measurements. 2020 , 44, 175-183	О
227	Solving Ill-Conditioned State-Estimation Problems in Distribution Grids With Hidden-Markov Models of Load Dynamics. 2020 , 35, 284-292	4
226	Modified Re-Iterated Kalman Filter for Handling Delayed and Lost Measurements in Power System State Estimation. 2020 , 20, 3946-3955	10
225	Scalable and Robust State Estimation From Abundant But Untrusted Data. 2020 , 11, 1880-1894	3
224	Graph Computing-Based WLS Fast Decoupled State Estimation. 2020, 11, 2440-2451	4
223	Developing graphical detection techniques for maintaining state estimation integrity against false data injection attack in integrated electric cyber-physical system. 2020 , 105, 101705	11
222	State Estimation of Power Using the Whale Optimization Algorithm. 2020, 11, 194-213	О
221	Effect of Communication Failures on State Estimation of 5G-Enabled Smart Grid. 2020 , 8, 112642-112658	12
220	Agent-Based Distributed Computing for Power System State Estimation. 2020 , 11, 5193-5202	1
219	Utilizing Measurement Data from Low-voltage Grid Sensor in State Estimation to Improve Grid Monitoring. 2020 ,	O
218	State Estimation via Inference on a Probabilistic Graphical Model - A Different Perspective. 2020,	
217	An integrated state-estimation framework for interdependent water and energy systems. 2020 , 590, 125393	4
216	Robust and efficient WLS-based dynamic state estimation considering transformer core saturation. 2020 , 357, 12938-12959	
215	Symmetrical Components Based State Estimator for Power Distribution Systems. 2020 , 1-1	1

214	. 2020,	0
213	An operating state estimation model for integrated energy systems based on distributed solution. 2020 , 14, 801-816	2
212	GENERAL CONSIDERATIONS. 2020 , 1-21	
211	Optimal Meter Placement in Low Observability Distribution Networks with DER. 2020 , 189, 106707	1
2 10	DISHONEST GAUSSINEWTON METHOD-BASED POWER SYSTEM STATE ESTIMATION ON A GPU. 2020 , 455-474	
209	STATE ESTIMATION IN POWER SYSTEMS BASED ON A MATHEMATICAL PROGRAMMING APPROACH. 2020 , 23-57	1
208	. 2020 , 14, 4-17	13
207	State Estimation with Exogenous Information for Grids with Large Renewable Penetration. 2020,	О
206	Decentralized operation of interdependent power and energy networks: Blockchain and security. 2020 , 61-73	4
205	On the trade-off between timeliness and accuracy for low voltage distribution system grid monitoring utilizing smart meter data. 2020 , 121, 106090	16
204	Real Time Effective Impedance Estimation for Power System State Estimation. 2020,	O
203	Multi-Agent system-based decentralized state estimation method for active distribution networks. 2020 , 86, 106652	2
202	Enhancement of two-step state estimation performance in unbalanced distribution networks. 2020 , 86, 106724	1
201	A GIC Estimator for Electric Grid Monitoring During Geomagnetic Disturbances. 2020 , 35, 4847-4855	3
200	Real-Time Distribution State Estimation with Massive μPMU Streaming Data. 2020 ,	
199	Active Distribution System State Estimation on Modified IEEE 33 bus test system. 2020 ,	2
198	Improved power system state estimator with preprocessing based on the modified intersection of confidence intervals. 2020 , 21, 100323	
197	Belief Condensation Filtering for Voltage-Based State Estimation in Smart Grids. 2020 ,	

(2021-2020)

196	A Hybrid-Learning Algorithm for Online Dynamic State Estimation in Multimachine Power Systems. 2020 , 31, 5497-5508	5
195	Enhanced Modelling Framework for Equivalent Circuit-Based Power System State Estimation. 2020 , 35, 3790-3799	3
194	Hybrid-cloud-based data processing for power system monitoring in smart grids. 2020 , 55, 102049	41
193	A New Network for Particle Filtering of Multivariable Nonlinear Objects 2020 , 13, 1355	1
192	Information Theoretic Generalized State Estimation in power systems. 2020 , 182, 106251	3
191	Load Estimation of Complex Power Networks from Transformer Measurements and Forecasted Loads. 2020 , 2020, 1-14	1
190	Formulation of Three-Phase State Estimation Problem Using a Virtual Reference. 2021 , 36, 214-223	3
189	A complete state estimation algorithm for a three-phase four-wire low voltage distribution system with high penetration of solar PV. 2021 , 124, 106332	5
188	. 2021 , 21, 2124-2133	3
187	Sparse Measurement-Based Coordination of Electric Vehicle Charging Stations to Manage Congestions in Low Voltage Grids. 2021 , 4, 17-40	O
187		0
Í	Congestions in Low Voltage Grids. 2021 , 4, 17-40	2
186	Congestions in Low Voltage Grids. 2021, 4, 17-40 Phasors for Distribution. 2021, 207-229 Distributed Cubature Kalman Filter with Performance Comparison for Large-scale Power Systems.	
186	Congestions in Low Voltage Grids. 2021, 4, 17-40 Phasors for Distribution. 2021, 207-229 Distributed Cubature Kalman Filter with Performance Comparison for Large-scale Power Systems. 2021, 19, 1319-1327	2
186 185 184	Congestions in Low Voltage Grids. 2021, 4, 17-40 Phasors for Distribution. 2021, 207-229 Distributed Cubature Kalman Filter with Performance Comparison for Large-scale Power Systems. 2021, 19, 1319-1327 Hybrid Measurements-Based Fast State Estimation for Power Distribution System. 2021, 9, 21112-21122	2
186 185 184	Congestions in Low Voltage Grids. 2021, 4, 17-40 Phasors for Distribution. 2021, 207-229 Distributed Cubature Kalman Filter with Performance Comparison for Large-scale Power Systems. 2021, 19, 1319-1327 Hybrid Measurements-Based Fast State Estimation for Power Distribution System. 2021, 9, 21112-21122 State estimation in electric power systems. 2021, 1-8	3
186 185 184 183	Congestions in Low Voltage Grids. 2021, 4, 17-40 Phasors for Distribution. 2021, 207-229 Distributed Cubature Kalman Filter with Performance Comparison for Large-scale Power Systems. 2021, 19, 1319-1327 Hybrid Measurements-Based Fast State Estimation for Power Distribution System. 2021, 9, 21112-21122 State estimation in electric power systems. 2021, 1-8 Boundary Defense Against Cyber Threat for Power System State Estimation. 2021, 16, 1752-1767	3

178	An improved algorithm for cubature Kalman filter based forecasting-aided state estimation and anomaly detection. 2021 , 31, e12714	2
177	A Two-layer Sequential State Estimation Method for electricity and heat Networks. 2021 , 1802, 032088	
176	Adaptive Tolerant State Estimation under Model Uncertainty in Power Systems. 2021, 14, 2111	
175	Temperature-dependent system level analysis of electric power transmission systems: A review. 2021 , 193, 107033	2
174	Considerations in the Initialization of Power Flow Solutions from Dynamic Simulation Snapshots. 2021 ,	
173	A Comparative Study on State Estimation Algorithms for Power Systems. 2021 ,	O
172	Application of deep learning for power system state forecasting. 2021 , 31, e12901	1
171	A non-iterative hybrid Dynamic State Estimation scheme utilizing PMU and SCADA measurements. 2021 ,	O
170	Applications of optimization models for electricity distribution networks. 2021 , 10, e401	2
169	Influence of the weight coefficients of measurements on the consistency of the assessment and calculation results of the power supply system steady-state operation conditions. 2021 , 25, 172-182	
168	. 2021 , 8, 9422-9435	5
167	Distribution State Estimation using Multiple Stages considering Asynchronous Measurement Data by Dependable Parallel Multi-population Global-best Brain Storm Optimization with Differential Evolution Strategies. 2021 , 141, 426-439	1
166	Power Systems Digital Twin under Measurement and Model Uncertainties: Network Parameter Tuning Approach. 2021 ,	
165	Iterative Linear State Estimation Using a Limited Number of PMU Measurements. 2021,	O
164	A Practical GERI-Based Method for Identifying Multiple Erroneous Parameters and Measurements Simultaneously. 2021 , 14, 3390	
163	Distribution System State Estimation With High Penetration of Demand Response Enabled Loads. 2021 , 36, 3093-3104	4
162	Network-Based Approach to Identify Criticalities in State Estimation. 2021 , 36, 3394-3405	1
161	Robust hybrid state estimation for power systems utilizing Phasor measurements units. 2021 , 196, 107195	4

160	Power system state forecasting using machine learning techniques. 1	1
159	A Practical Approach to Construct a Digital Twin of a Power Grid using Harmonic Spectra. 2021 ,	O
158	Which Neural Network to Choose for Post-Fault Localization, Dynamic State Estimation, and Optimal Measurement Placement in Power Systems?. 2021 , 4, 692493	
157	Synchrophasor assisted power system state estimation with a quadratically-decaying exponential criterion. e13051	
156	Wide-Area Identification of the Size and Location of Loss of Generation Events by Sparse PMUs. 2021 , 36, 2397-2407	1
155	Secure Dynamic State Estimation for Cyber Security of AC Microgrids. 2021 , 2,	1
154	Optimal partitioning in distributed state estimation considering a modified convergence criterion. 2021 ,	
153	Distributed state estimation for renewable energy microgrids with sensor saturations. 2021 , 131, 109730	3
152	Assessing approaches to modeling voltage magnitude measurements in state estimators devoted to active distribution networks. 2021 , 200, 107440	1
151	GPU-based matrix structure driven state estimation for large-scale power systems. 2021 , 133, 107298	
150	Power system anomaly detection using innovation reduction properties of iterated extended kalman filter. 2022 , 136, 107613	0
149	Linear State Estimation for Power Systems Based on PMU Measurements. 2021 , 249-261	
148	PSSE REDUX. 2020 , 171-208	2
147	Non Gaussian State Estimation in Power Systems. 2008, 141-156	4
146	Monitoring and State Estimation of Modern Power Systems. 2020 , 87-107	1
145	Bad Data Analysis for Power System State Estimation. 1974 , 230-242	3
144	ON-LINE OBSERVABILITY DETERMINATION FOR POWER SYSTEM MONITORING. 1980 , 407-411	2
143	Robust Estimation Theory for Bad Data Diagnostics in Electric Power Systems. 1990 , 37, 271-325	3

142	Power Systems State Estimation Based on Least Absolute Value (LAV). 1991, 44, 345-487	3
141	ADMM-based Distributed State Estimation for Power Systems: Evaluation of Performance. 2020 , 53, 182-188	2
140	Unscented RauchlungBtreibel smoother-based power system forecasting-aided state estimator using hybrid measurements. 2019 , 13, 3583-3590	4
139	Linear state estimation and bad data detection for power systems with RTU and PMU measurements. 2020 , 14, 5675-5684	8
138	Deep Learning Based Covert Attack Identification for Industrial Control Systems. 2020,	3
137	Machine learning roles in advancing the power network stability due to deployments of renewable energies and electric vehicles. 2020 , 21,	2
136	Application of Moment Matching Method to Optimal Allocation of PMUs in State Estimation. 2018 , 138, 124-130	2
135	Differential Evolutionary Particle Swarm Optimization for Load Adjustment Distribution State Estimation using Correntropy. 2018 , 138, 423-431	5
134	Vulnerability Analysis of Wide Area Measurement System in the Smart Grid. 2013, 04, 1-7	8
133	Aproximacifi estocEtica al anlisis de observabilidad en redes de abastecimiento de agua. 2016 , 20, 139	10
133		3
	Optimal Measurement Placement for Static Harmonic State Estimation in the Power Systems based	
132	Optimal Measurement Placement for Static Harmonic State Estimation in the Power Systems based on Genetic Algorithm. 2009 , 4, 175-184 Contingency Constrained Optimal MeterPlacement for Power System Observability	3
132	Optimal Measurement Placement for Static Harmonic State Estimation in the Power Systems based on Genetic Algorithm. 2009, 4, 175-184 Contingency Constrained Optimal MeterPlacement for Power System Observability using Biogeography Based Optimization. 2011, 86-92 Online State Estimator for Three Phase Active Distribution Networks Displayed on Geographic	3
132 131 130	Optimal Measurement Placement for Static Harmonic State Estimation in the Power Systems based on Genetic Algorithm. 2009, 4, 175-184 Contingency Constrained Optimal MeterPlacement for Power System Observability usingBiogeography Based Optimization. 2011, 86-92 Online State Estimator for Three Phase Active Distribution Networks Displayed on Geographic Information System. 2014, 2, 357-362 Accurate Detection of False Data Injection Attacks in Renewable Power Systems Using Deep	3 1
132 131 130	Optimal Measurement Placement for Static Harmonic State Estimation in the Power Systems based on Genetic Algorithm. 2009, 4, 175-184 Contingency Constrained Optimal MeterPlacement for Power System Observability usingBiogeography Based Optimization. 2011, 86-92 Online State Estimator for Three Phase Active Distribution Networks Displayed on Geographic Information System. 2014, 2, 357-362 Accurate Detection of False Data Injection Attacks in Renewable Power Systems Using Deep Learning. 2021, 9, 135774-135789 Nonlinear Least Absolute Value Estimator for Topology Error Detection and Robust State	3 1 1
132 131 130 129	Optimal Measurement Placement for Static Harmonic State Estimation in the Power Systems based on Genetic Algorithm. 2009, 4, 175-184 Contingency Constrained Optimal MeterPlacement for Power System Observability usingBiogeography Based Optimization. 2011, 86-92 Online State Estimator for Three Phase Active Distribution Networks Displayed on Geographic Information System. 2014, 2, 357-362 Accurate Detection of False Data Injection Attacks in Renewable Power Systems Using Deep Learning. 2021, 9, 135774-135789 Nonlinear Least Absolute Value Estimator for Topology Error Detection and Robust State Estimation. 2021, 9, 137198-137210 Low Voltage Distribution Networks Modeling and Unbalanced (Optimal) Power Flow: A	3 1 1 4

124	Bad data detection, identification and correction in distribution system state estimation based on PMUs. 1	4
123	Power System Operation and Control. 2000,	
122	Netzbetrieb. 2001 , 605-687	
121	State Estimation. 2007 , 317-328	
120	State Estimation. 2007,	
119	A Method for Determining Pseudo-measurement State Values for Topology Observability of State Estimation in Power Systems. 2009 , 129, 541-547	
118	A Strategy for Evolutionary Spanning Tree Construction within Constrained Graphs with Application to Electrical Networks. 2009 , 459-468	
117	State Estimation in Smart Power Grids. 2012 , 439-478	7
116	A State Estimate Algorithm Based on Current Measurement for Offshore Oil Grid. 2014, 343-352	
115	A NEW DECOUPLED MODEL FOR STATE ESTIMATION OF POWER SYSTEMS. 1982 , 613-618	
114	APPLICATION OF SPARSE MATRIX LINEAR LEAST SQUARES METHODS IN STATIC POWER SYSTEM STATE ESTIMATION. 1984 , 600-604	1
113	On-Line State Estimation. 1988, 283-334	1
112	DECOUPLED STATE-ESTIMATION IN ENERGY CONTROL CENTRES. 1989, 39-45	
111	Softwaresysteme. 1989 , 443-565	
110	ON-LINE POWER SYSTEM TOPOLOGICAL OBSERVABILITY ANALYSIS ALGORITHMS: A COMPARATIVE STUDY. 1989 , 31-38	
109	DECENTRALIZED ROBUST BAD-DATA PRE-CLEANING WITH SUBSEQUENT HIERARCHICAL FAST	
	RECURSIVE ESTIMATION. 1989, 467-473	
108		

106	Dynamic State Estimation Techniques for Large-Scale Electric Power Systems. 1991, 41, 79-133	
105	Planung und Betrieb von Smart Grids. 2015 , 10-15	
104	Model Building and Analysis of Minimal False-Data Attack Vector Launched on Power System. 2017 , 07, 153-160	
103	Implementation. 2018 , 117-151	
102	State Estimation. 2017 , 127-164	
101	Error Propagation after Reordering Attacks on Hierarchical State Estimation. 2018, 67-79	
100	Synchrophasor-Based Linear State Estimation Techniques and Applications. 2019, 307-333	
99	Generalised-fast decoupled state estimator. 2018 , 12, 5928-5938	3
98	AC Network Control Using Conventional Means. 2019 , 1-39	
97	References. 407-422	
96	State estimation method development for SCADA and synchronized phasor measurements within power system. 2019 , 21, 68-78	
95	POWER SYSTEM STATE ESTIMATION USING A ROBUST ESTIMATOR. 2019 , XVI, 53-65	
94	Protecting the grid topology and user consumption patterns during state estimation in smart grids based on data obfuscation. 2019 , 2,	0
93	Non-Iterative estimation of the AC overhead line state by relinearization method. 2020 , 216, 01051	
92	A Performance Comparison Study of Quasi-Dynamic State Estimation and Static State Estimation. 2020 ,	O
91	Graph Computing based Distributed State Estimation with PMUs. 2020,	1
90	Distributed Dynamic State Estimation for Microgrids. 2020,	
89	Analytical Method to Diagnose Large Salient Poles Through Frequency Response Analysis. 2020 ,	1

88	Measurement placement in electric power transmission and distribution grids: Review of concepts, methods, and research needs.	О
87	AN ON-LINE ALGORITHM FOR POWER SYSTEM OBSERVABILITY DETERMINATION. 1983 , 433-439	
86	Graphic Data Analysis Model Oriented to Knowledge Base of Power Grid Data Center. 2020 , 217-222	
85	Distributed State Estimation. 2020 , 225-269	
84	Redistributing Agency. 2020 , 52, 221-244	О
83	PROBABILISTIC STATE ESTIMATION IN DISTRIBUTION NETWORKS. 2020 , 295-328	
82	DDOA: A Dirichlet-Based Detection Scheme for Opportunistic Attacks. 2020 , 99-121	
81	Netzzustandserkennung. 2020 , 289-345	
80	State Estimation. 2020 , 11-43	
79	AC Network Control Using Conventional Means. 2020 , 51-89	
79 78	AC Network Control Using Conventional Means. 2020, 51-89 AC Network Control Using Conventional Means. 2020, 1-39	1
		1
78	AC Network Control Using Conventional Means. 2020 , 1-39	1
78 77	AC Network Control Using Conventional Means. 2020, 1-39 Linear tracking sequential hybrid power system state estimator. e13193 Optimal Placement of PMUs for Kerala and Tamil Nadu State Level Regional Indian Power Grid.	1
78 77 76	AC Network Control Using Conventional Means. 2020, 1-39 Linear tracking sequential hybrid power system state estimator. e13193 Optimal Placement of PMUs for Kerala and Tamil Nadu State Level Regional Indian Power Grid. 2021, 233-245 Accelerated Generalized Correntropy Interior Point Method in Power System State Estimation.	
78 77 76 75	AC Network Control Using Conventional Means. 2020, 1-39 Linear tracking sequential hybrid power system state estimator. e13193 Optimal Placement of PMUs for Kerala and Tamil Nadu State Level Regional Indian Power Grid. 2021, 233-245 Accelerated Generalized Correntropy Interior Point Method in Power System State Estimation. 2021, 658-667	
78 77 76 75 74	AC Network Control Using Conventional Means. 2020, 1-39 Linear tracking sequential hybrid power system state estimator. e13193 Optimal Placement of PMUs for Kerala and Tamil Nadu State Level Regional Indian Power Grid. 2021, 233-245 Accelerated Generalized Correntropy Interior Point Method in Power System State Estimation. 2021, 658-667 Choice of Selection Methods in Genetic Algorithms for Power System State Estimation. 2021, 223-231 Unscented Kalman Filter Based Dynamic State Estimation in Power Systems Using Complex	O

7º	Application of blockchain for secure data transmission in distributed state estimation. 2021, 1-1	2
69	Dynamic Graph-Based Anomaly Detection in the Electrical Grid. 2021, 1-1	Ο
68	Enhancement of opacity for distributed state estimation in cyberphysical systems. 2022 , 136, 110087	4
67	Distribution System State Estimation: A Primer for Application Based Research. 2020,	O
66	Least Square Method For Impedance Based Fault Location In Ungrounded Networks. 2020,	О
65	A Circuit-Theoretic Approach to State Estimation. 2020,	1
64	Detection of False Data Injection Attack Based on Improved Distortion Index Method. 2020,	
63	Power System State Estimation Using Gauss-Newton Unrolled Neural Networks with Trainable Priors. 2020 ,	O
62	Implementation of a PMU-Based EMS System at TNB. 2021 ,	
61	Detection of Gaussian Attacks in Power Systems under a Scalable Kalman Consensus Filter Framework. 2021 ,	
60	Accelerated Probabilistic State Estimation in Distribution Grids via Model Order Reduction. 2021,	
59	A WLAV-based Robust Hybrid State Estimation using Circuit-theoretic Approach. 2021,	1
58	DSSE in European-Type Networks Using PLC-Based Advanced Metering Infrastructure. 2022, 1-1	
57	Application of Deep Neural Networks to Distribution System State Estimation and Forecasting. 2022 , 3,	
56	Power System State Estimation using Non-Iterative Weighted Least Square method based on Wide Area Measurements with maximum redundancy. 2022 , 206, 107794	3
55	Improved Observability in Distribution Grids Using Correlational Measurements. 2022 , 10, 27320-27329	
54	M-estimation based robust approach for hybrid dynamic state estimation in power systems. 2022 , 14,	
53	Application of Physics-Informed Machine Learning Techniques for Power Grid Parameter Estimation. 2022 , 14, 2051	1

52	A Review on State Estimation Techniques in Active Distribution Networks: Existing Practices and Their Challenges. 2022 , 14, 2520	7
51	Real-Time Recursive Correction State Estimation Utilizing Only SCADA Measurements. 2021 ,	O
50	Identification of bad measurements in power system from historical measurement data. 2021,	
49	Data-Driven Power Flow Calculation Based on Deep Learning. 2021 ,	
48	Analysis of Bad Data Processing Methodologies in Power System State Estimation. 2021,	0
47	Cloud- Edge Integrated State Identification Framework and Algorithm. 2021,	
46	Power Systems Dynamic State Estimation for Unknown and Non-stationary Measurement Noise Statistics. 2021 ,	
45	Managing DER in Distribution Networks Using State Estimation & Dynamic Operating Envelopes. 2021 ,	
44	Comparative Investigation for Robust and Efficient Distribution System State Estimation Algorithm: Case Study Considering Large Network. 2021 ,	
43	A New Robust Static State Estimation Scheme for Power Systems Using Complex PMU Measurements. 2021 ,	
42	The Multiple Model Adaptive Power System State Estimator. 2021,	0
41	Power System State Estimation and Forecasting using CNN based Hybrid Deep Learning Models. 2021 ,	
40	Adaptive Cubature Kalman Filter for Power Systems Dynamic State Estimation in Face of Unknown Non-Stationary Noise Statistics. 2021 ,	
39	A Deep Learning Approach to Anomaly Sequence Detection for High-Resolution Monitoring of Power Systems. 2022 , 1-1	
38	Anomaly Detection, Discrimination and Identification Using Real-Time State Estimation for Distribution Grids.	
37	Divided Difference Filter for Power Systems Dynamic State Estimation. 2022,	
36	Microgrid state and frequency estimation using Kalman filter: an approach considering an augmented measurement Jacobian matrix. 1	0
35	Asynchronous and Adaptive State Estimation of Integrated Electricity-Gas Energy Systems. 2022 , 1-1	1

Power Systems Dynamic State Estimation using Central Difference Filter. **2022**,

33	Optimizing D-PMU deployment for distribution system state estimation. 2022 ,	
32	A Framework for Constrained Static State Estimation in Unbalanced Distribution Networks. 2022,	0
31	Power Systems State Estimation Using Complex Synchronized PMU Measurements: Two Novel Non-Iterative Approaches.	
30	Considerations on three-phase modelling for branch-current state estimation. 2022 , 213, 108532	
29	Dynamic State Estimation for Distribution Systems using Measurement Values from IT Switches and Smart Meters. 2022 , 142, 441-452	0
28	Smart Metering Applications. 2022 , 13-124	0
27	Critical Data Visualization to Enhance Protection Schemes for State Estimation. 2022, 1-1	O
26	Three Phase Weighted Least Square Power System State Estimation Based on Fair Distribution Weight Function method. 2022 ,	О
25	Deep Learning in the State of Charge Estimation for Li-Ion Batteries of Electric Vehicles: A Review. 2022 , 10, 912	1
24	Critical buses identification for voltage stability assessment considering the application of modal analysis and a robust state estimation with bad data suppression.	0
23	Improved dynamic state estimation of power system using unscented Kalman filter with more accurate prediction model. 2022 , 8, 364-376	O
22	Assessment on power systems non-deterministic state estimation algorithms. 2023, 214, 108880	О
21	A Stream Learning Approach for Real-Time Identification of False Data Injection Attacks in Cyber-Physical Power Systems. 2022 , 1-1	O
20	Stealth Attacks on the SADI with Prior Information on the State Covariance Matrix. 2022,	О
19	A novel dynamic planning mechanism for allocating electric vehicle charging stations considering distributed generation and electronic units. 2022 , 8, 14658-14672	О
18	State estimation in weakly monitored active distribution networks: Modeling soft open points functional behavior. 2023 , 33, 100967	O
17	Power Systems Observability Analysis Based on Parallel Gaussian Belief Propagation. 2022 ,	o

CITATION REPORT

16	Introduction. 2023 , 1-33	О
15	Temperature Dependent Branch Current Based Active Distribution System State Estimation.	О
14	On One Approach to Distribution Electrical Networks State Estimation Under Information Incompleteness Conditions. 2023 , 31-50	O
13	PMU-based Real-time Distribution System State Estimation Considering Anomaly Detection, Discrimination and Identification. 2023 , 148, 108916	O
12	False Data Injection Attacks on CSA-Based State Estimation in Smart Grid. 2022,	O
11	Detection of Bad Data and False Data Injection Based on Back-Propagation Neural Network. 2022 ,	О
10	False data injection attack in smart grid: Attack model and reinforcement learning-based detection method. 10,	0
9	Technoeconomic Review of Smart Metering Applications. 2023 , 173-216	О
8	A Robust State Estimation Method for Unsymmetrical Three-Phase Power Systems. 2023,	О
7	Size/location estimation for loss of generation events in power systems with high penetration of renewables. 2023 , 219, 109242	О
6	A Robust Method for Distribution System State Estimation with Predator-Prey Brain Storm Optimization. 2023 , 143, 78-85	O
5	Robust Power System State Estimation Method Based on Generalized M-Estimation of Optimized Parameters Based on Sampling. 2023 , 15, 2550	О
4	Random Bad State Estimator to Address False Data Injection in Critical Infrastructures. 2022,	O
3	State Estimation of a Utility-Scale Hybrid AC/DC Grid using a Decentralized Approach. 2023 ,	O
2	Modelling of DC Power Equations Applied to State Estimation in High Renewable Penetration Power Systems. 2023 ,	0
1	Robust State Estimation Model for Low Voltage Distribution Networks in the Presence of Multiple Gross Errors. 2023 , 11, 42403-42415	O