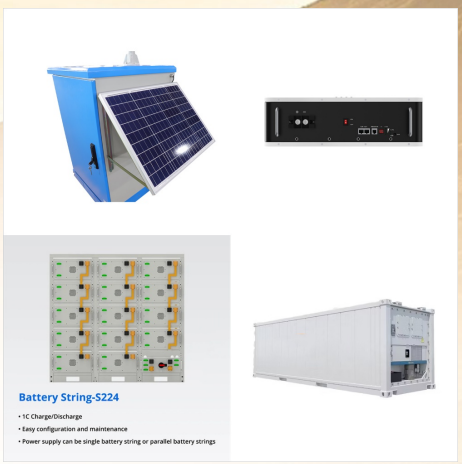
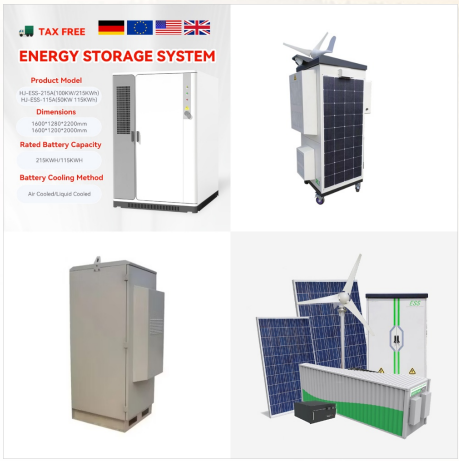
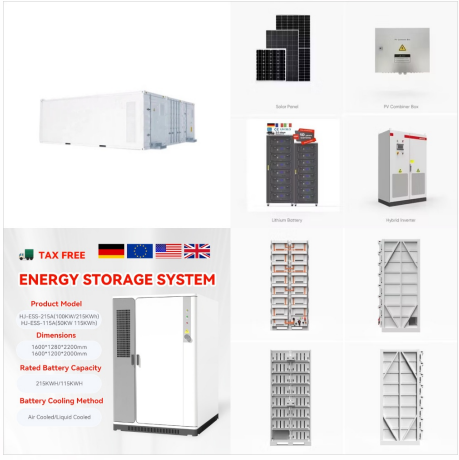


Ruiqi Guo, Xiaofeng Chen, Lei Wang, Yang Wang, Hao Sun, Jingchuan Wei, Huiming Han, Leibo Liu, Shaojun Wei, Yang Hu, Shouyi Yin: CIMFormer: A Systolic CIM-Array-Based Transformer Accelerator With Token-Pruning-Aware Attention Reformulating and Principal Possibility Gathering. IEEE J. Solid State Circuits 59 (10): 3317-3329 (2024)

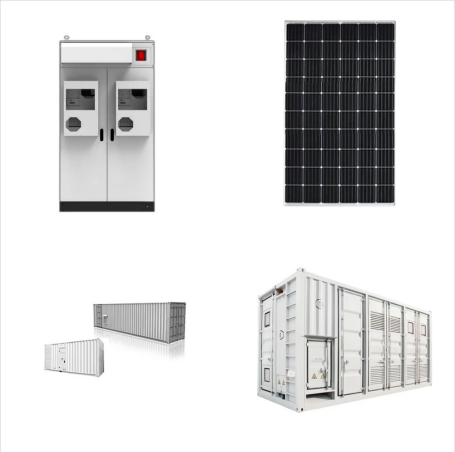


to 2002, he was a Senior Application Developer with ISO New England Inc., MA, USA. He has been a Professor with the Department of Electrical Engineering, Tsinghua University, since 2009, where he is currently the Director of the Research Center of Cloud Simulation and Intelligent Decision-Making, Energy Internet Research Institute.

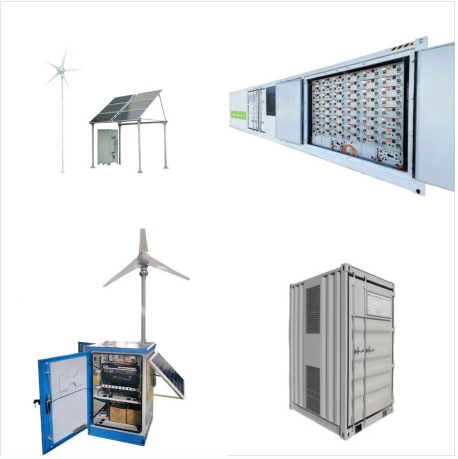


A hybrid parallel algorithm is proposed for the real-time electromagnetic transient simulation (EMTS) of integrated power systems containing multiphase machines using a novel network partition method called component level parallelization and the Multi-Area Thevenin Equivalent (MATE) method, which extends the flexibility of the network partition in parallel ???

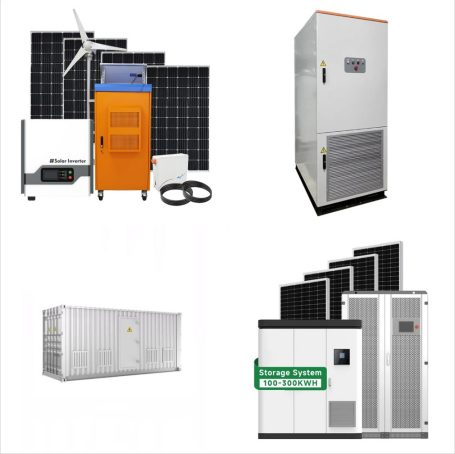
CHEN YIN TSING HUA POWER SYSTEM CLOUD SIMULATOR



After the 2008 ice and snow disaster, plenty of optimized anti-icing flashover composite insulators are designed and manufactured by producers, including 110 kV AC system (types A???D), 220 kV AC system (types E???H) and ???

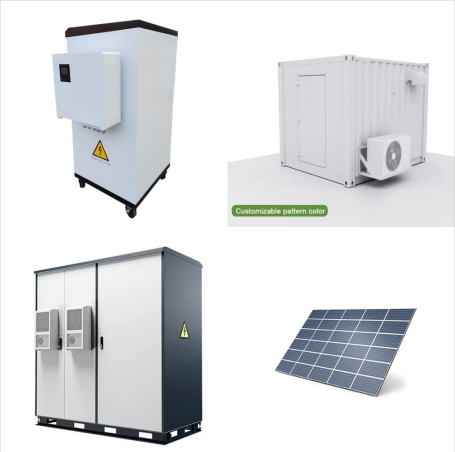


With the increasing computations in power system simulations, high-performance and cost-effective power system simulator is highly required. In this paper, a cloud-computing based power system

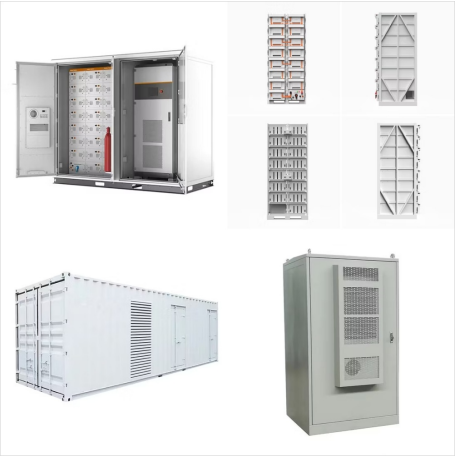


Ying Chen Tsinghua Unversity Verified email at tsinghua .cn. Feng Liu Associate Professor, Distributed transient stability simulation of power systems based on a Jacobian-free Newton-GMRES method. Y Chen, C Shen, J Wang. IEEE Transactions on Power Systems 24 ???

CHEN YIN TSING HUA POWER SYSTEM CLOUD SIMULATOR



YIN Cheng. Accounting Assistant Professor. Phone? 1/4 ?(86)(10) 62795204. E-mail? 1/4 ?yincheng@sem.tsinghua .cn. Office? 1/4 ?B349 Lihua Building. Office Hours? 1/4 ?Wednesday and Thursday from 9:00 a.m. to 5:00 p.m. Educational Background. Ph.D in Accounting, Rutgers Business School; May 2018 Journal of Information Systems, 35(1), 1-25. Kogan, A



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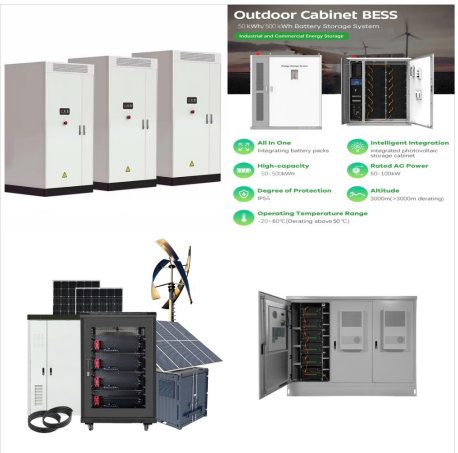
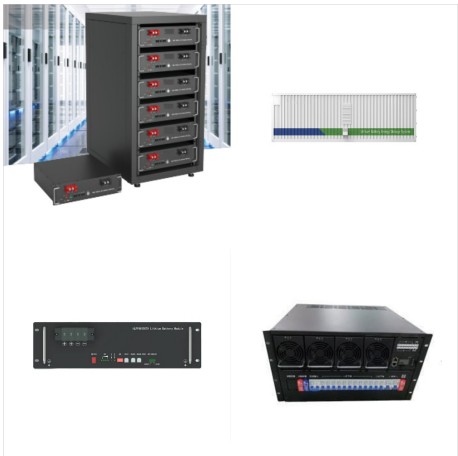
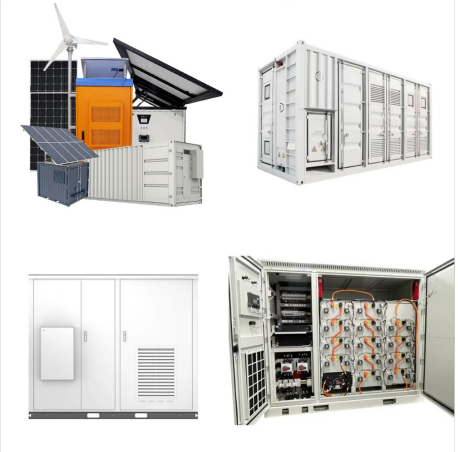


With the increasing computations in power system simulations, high-performance and cost-effective power system simulator is highly required. In this paper, a cloud-computing based power system simulator, namely CloudPSS, is designed. Based on an open service integrating framework, a self-developed electromagnetic transients (EMT) simulator with an ???

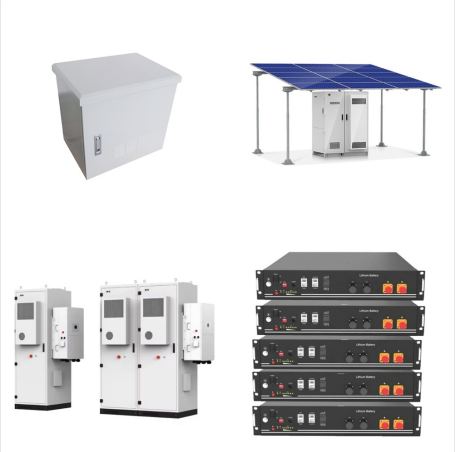
CHEN YIN TSING HUA POWER SYSTEM CLOUD SIMULATOR



Research Center of Cloud Simulation and Intelligent Decision-making, EIRI, Tsinghua University Beijing, China songyk@mail.tsinghua .cn . Abstract ??? With the increasing computations in power system simulations, high-performance and cost-effective power system simulator is highly required. In this paper, a cloud-computing based power system

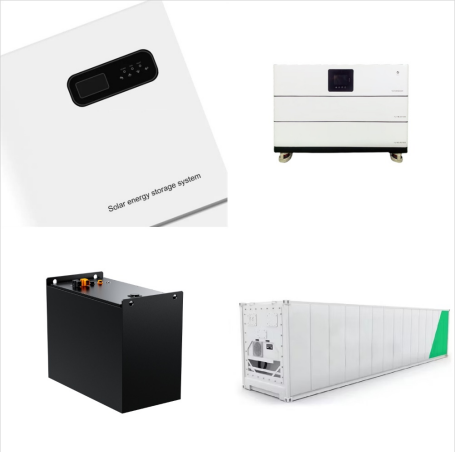


Power Systems Yin Xu Beijing Jiaotong University * Part of the work was done in collaboration with Prof. Ying Chen, Tsinghua University. Background 2 Large Scale Renewables AC/DC hybrid power grid DGs in Distribution Systems A Cloud-Based Simulator: CloudPSS 12 13 Yin Xu, Professor

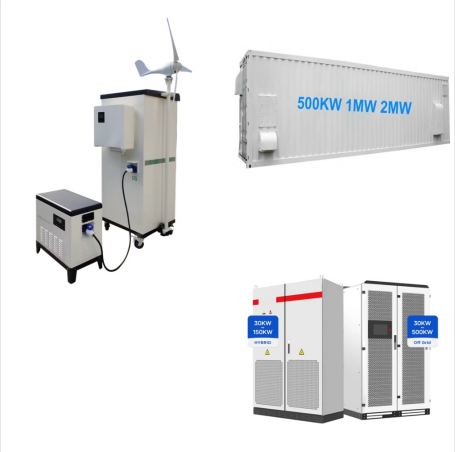


Wei XUEProfessor and Director of High Performance Computing InstituteDepartment of Computer Science and TechnologyJoined Department: 2003Email:xuewei@tsinghua .cnPhone: +86-10-62785592Fax:+86-10-62771138Education backgroundPh.D., Electrical Engineering, Tsinghua University, Beijing, China, 2003Thesis Topic: Studies on Transient Stability Parallel Computing ???

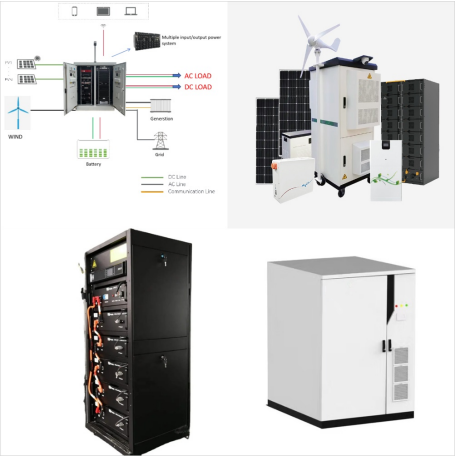
CHEN YIN TSING HUA POWER SYSTEM CLOUD SIMULATOR



The challenging of IES modeling and simulation is that power system and district heating system have different timescales in dynamic process and characteristics. A high-performance power system simulator based on cloud computing. Energy Rep, 6 (9) (2020), pp. 1611-1618. View PDF View article View in Scopus Google Scholar [20] Ning. Wu



Wenchuan Wu() Professor at Tsinghua University, IEEE Fellow Verified email at tsinghua .cn Guannan Qu Carnegie Mellon University Verified email at andrew.cmu Steven H. Low Gilloon Professor of Computing+Mathematical Sciences, Electrical Engineering, Caltech Verified email at caltech



1. Control and stabilization of power system with high penetrated renewable energy 2. Control and optimization of renewable energy conversion system 3. Power electronics for power system applications 4. Intelligent control of offshore wind turbine 5. ???

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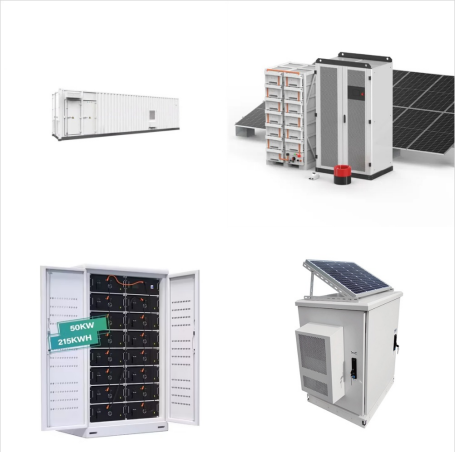
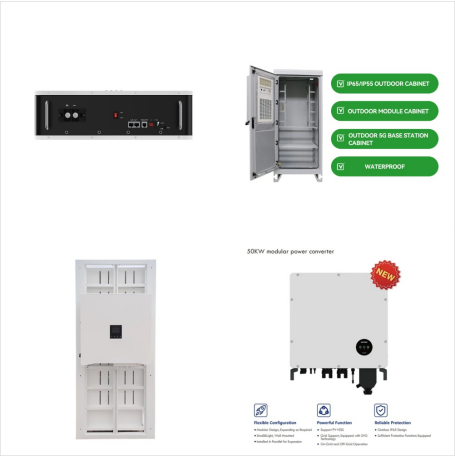
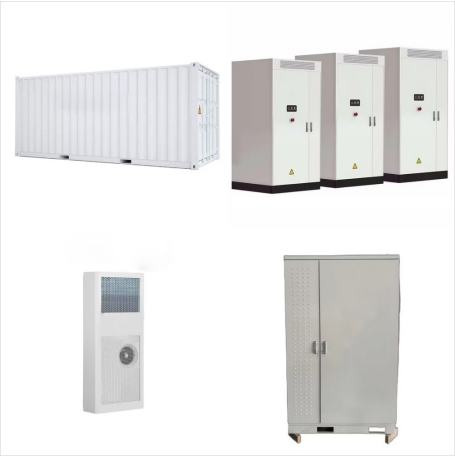


Publication Topics Power System,Copper Loss,Efficient Simulation,Resilience Enhancement,Time Step,Distribution System,Insulated Gate Bipolar Transistor,Microgrid,Network Reconfiguration,Normal Operation,Renewable Energy,State Of Charge,Test System,Transmission Line,Trapezoidal Rule,Alternating Current,Battery ???



Jidong Zhai? 1/4 ?? 1/4 ? is an Full Professor in the Department of Computer Science and Technology, Tsinghua University. His research focuses on high performance computing, especially performance analysis and optimization for large-scale parallel applications and performance evaluation for computer systems.



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