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It is the fast inner control loop of the inverter. It presents a dq cross-decoupling current control scheme, where both i_d and i_q are controlled using independent PI controllers [47, [54] [55][56 ...

1,2,3,4,5State Power Research Institute of Jiangxi electric power company, Beijing,100094 China ... Photovoltaic Power Plant Efficiency Abstract As the photovoltaic industry increasingly ...

Guanghai Li's 9 research works with 117 citations and 377 reads, including: Failure mechanism study of conventional active methods based on inverter disturbances and a novel islanding ...

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The major contributions of this research are in two-fold: First, the western electricity coordinating council (WECC) PV power plant model is discussed through comparison with tested data from ...

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Analysis of Parallel Photovoltaic Inverters with Improved Droop Control Method . Ruixing Lin . Sichuan Electric Power Research Institute . Chengdu 610072, China . Mao Yang . Sichuan ...

1 State Grid Hebei Electric Power Research Institute, Shijiazhuang, China; 2 Hebei Key Laboratory of Simulation Modeling and Control for Energy Internet, Shijiazhuang, ...

China Electric Power Research Institute ... The hierarchical connection to AC grid at inverter sides in UHVDC has been take in several projects. ... As the large-scale integration of photovoltaic ...

1 China Electric Power Research Institute, Beijing, China 123 J. Mod. Power Syst. Clean Energy DOI 10.1007/s40565-015-0154-7. ... connected PV inverters usually adopt power decoupling



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