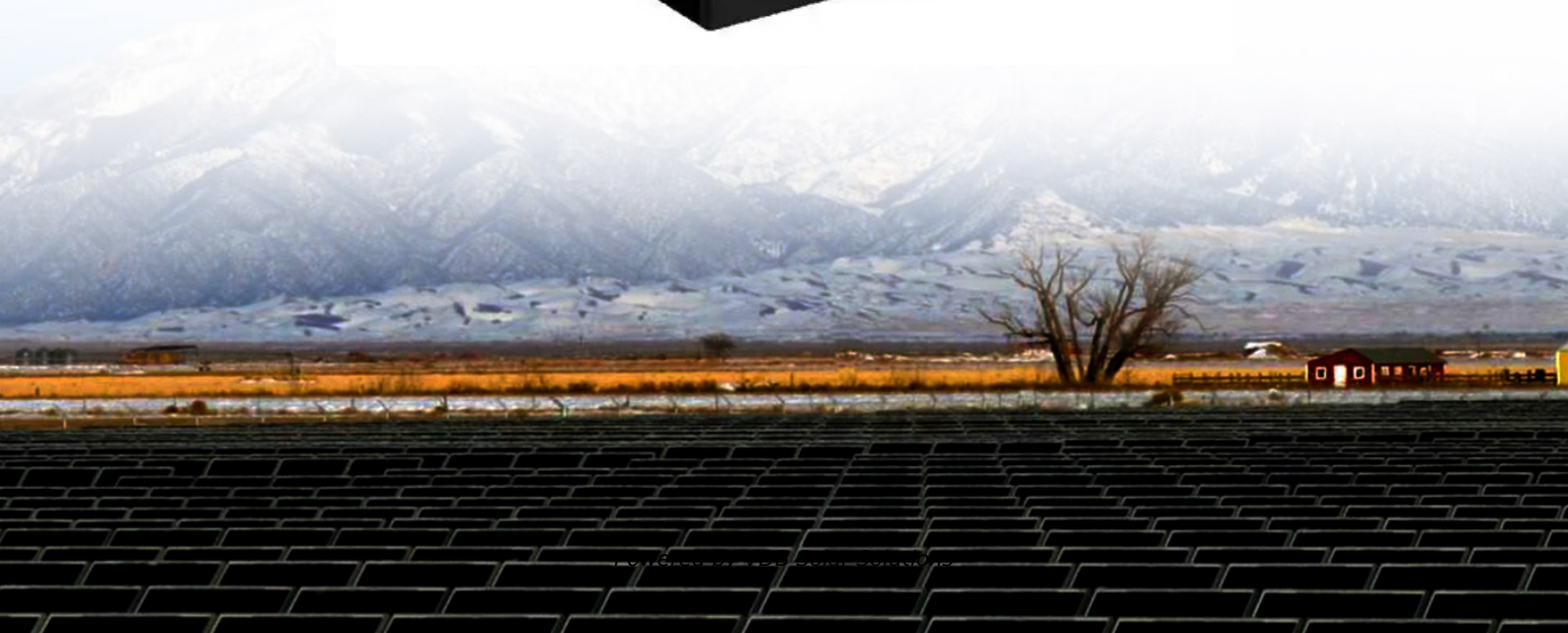


How to contribute to the Power Grid Weibo





Overview

Does the government use Weibo?

While Weibo has successfully exposed scandals and mobilized opinions that challenge the power abuse or non-transparency of the officials, the government is also using Weibo in the service of its own purposes (Sullivan, 2014). Weibo is also seen as a contentious space between official authorities and individuals (Nip & Fu, 2016).

How can interdisciplinary research help transform China's power grid?

An interdisciplinary research team from PolyU will work with experts from CSG on creating digital twin technology for power equipment and the digitalisation of electric power distribution to facilitate the transformation and upgrading of China's power grid.

How can grid operators use flexibility services?

Grid operators could use flexibility services to offer a more reliable, stable power supply to consumers by balancing supply and demand on the power grid in real time, reducing the need for higher-cost and higher-emitting peaking power plants.

Why is China's power grid creaking?

China's creaking grid represents a major constraint to progress on its green energy transition. During the first four months of this year alone, China invested Rmb122.9bn (\$17bn) in its power grid projects, a 24.9 per cent year-on-year increase.

What is Weibo & how does it work?

Weibo was launched in August 2009 as the micro-blogging service of Sina.com, one of China's leading technology companies. It has since played an essential part in the public life of the Chinese people, reflecting China's socio-political transition in the post-Olympics decade.

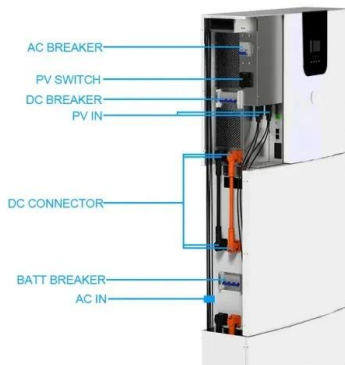


Can low-carbon technologies help decarbonize China's power grid?

The role of various low-carbon technologies has also been evaluated in deep decarbonization of the power grid in China, including deployment strategies for battery storage, financial and technological challenges of carbon capture and storage (CCS), and economic costs assessment of offshore wind [12 – 14].



How to contribute to the Power Grid Weibo



Intelligentization helps the green and energy-saving

This paper empirically analyzes the effect and mechanism of intelligence on the green environmental friendliness of electric power substations by using a panel fixed-effects ...

Solar photovoltaics can help China fulfill a net-zero electricity

The contribution of large-scale PV deployment to China's net-zero electricity system by 2050. As China has pledged to become carbon neutral by 2060, electrifying its ...



DFIG Oscillation Modes Causing Strong Dynamic Interactions to ...

Conclusions of analytical examination are: (1) If the rotor speed is used as the input signal to the active power control outer loop of the rotor side converter (RSC) or the ...

Accelerating China's power sector decarbonization can save lives

The role of various low-carbon technologies has also been evaluated in deep decarbonization of the power grid in China, including deployment strategies for battery ...



Solar on the rise: How cost declines and grid integration shape ...

Addressing grid integration challenges, increasing grid flexibility, and further reducing cost will enable even greater potential for solar as an electricity source. During the ...



[Help stabilize the power grid with FlexiO!](#)

Did you know you don't need an expensive battery to stabilize the grid? Find out how any battery combined with FlexiO can contribute to grid stabilization by taking part in the LIFEPOWER ...



Weibo and the making of Chinese networked publics: ...

Weibo as "networked publics"--both a public space and collectives ()--have amplified the visibility and social impact of public events, and enabled individuals to gather on this public "square" to participate the ...





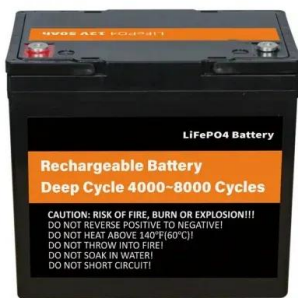
How to Use Weibo in English: A Simple Guide for Foreigners

Get the app from the app store. To get Weibo International, go to your app store and type in 'Weibo International'. Download the app once it pops up. You don't need to make ...



New Trends in Active Power Filter for Modern Power Grids

From harmonic compensation to interface with renewable energy sources, active filters are capable to improve power quality, increase the reliability of the power grid, ...



Solar photovoltaics is ready to power a sustainable future

First, grid-forming inverters can regulate the system voltages and frequency through local, decentralized control. 105 Second, the use of synchronous condensers to provide reactive ...



On the Stabilizing Contribution of Different Grid-Forming ...

The increasing penetration of power-electronics interfaced resources brings new challenges regarding the small-signal stability of power systems. To address this issue, grid ...





A Survey on Power Grid Faults and Their Origins: A Contribution ...

2.2. Power Grid Resilience Framework The electric power grid now faces greater and more frequent risks of interruption, owing to extreme weather events, human faults or attacks, aging, ...



Reactive Power and its Impact on the Grid , CLOU GLOBAL

Insufficient reactive power can contribute to poor power quality, including increased harmonic distortions and lower power factor. This can affect the performance of ...



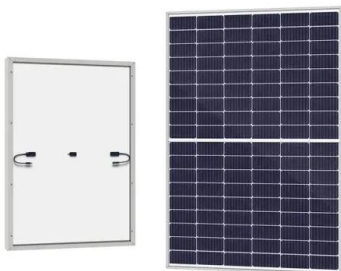
Maintaining Power Quality in Smart Grid: The Wind ...

Additional power contribution from wind farms during any contingency event was earlier only desired in small islanded electrical grids. However, with impending system inertia reduction and mandatory frequency support requirements to ...



China Southern Power Grid joins PolyU to develop new and green ...

PolyU and China Southern Power Grid Co., Ltd have set up a joint research institute to foster the Nation's new power systems initiative with green electricity technologies. The "Joint Institute ...





China Southern Power Grid's decarbonization likely to impact ...

Decarbonization of the Southern Power Grid in China is feasible by 2060 but requires converting a large cropland area to support solar and wind energy; expansion of ...



How Individual Contribution is Vital To Positively ...

This is but a significant organ of the body of the world that is dedicated to challenging the direction and activating unique efforts to create alternatives to self-centered power, greed, and corruption or those going even ...

Explained: Fundamentals of Power Grid Reliability and Clean ...

Grid Reliability? 1.1 What Is the Grid? Major components of the power grid are illustrated in Figure 1 as part of two systems: (1) the bulk energy system consisting of generators and the high ...



Power control of a doubly fed induction generator connected to ...

Power control of a doubly fed induction generator connected to the power grid. I. Lopez-Garcia Departamento de Energía, Universidad the main feature of the contribution lies in the fact ...



Power converters for battery energy storage systems connected ...

Recent works have highlighted the growth of battery energy storage system (BESS) in the electrical system. In the scenario of high penetration level of renewable energy ...



How Hybrid PV Technologies Can Contribute to the ...

This article presents these findings and outlines the ways that the deployment of hybrid PV can contribute to power system decarbonisation. Published but where the operation of the different plants is independent. ...

PolyU and China Southern Power Grid to establish the Joint ...

An interdisciplinary research team from PolyU will work with experts from CSG on creating digital twin technology for power equipment and the digitalisation of electric power distribution to ...



Is citizen journalism better than professional journalism for ...

This article investigates how citizens contribute to rumour verification on social media in China, drawing on a case study of Weibo communication about the 2015 Tianjin ...



How Power Grids Work

The power grid is also evolving. Upgrades in technology now let us connect our own home-generated electricity to the grid -- using solar panels or wind generators -- and get paid back ...



Weibo - How is China's second largest social media platform being ...

Social media research in the global north is primarily focused on western social media platforms, notably Twitter and Facebook. In this post Shulin Hu describes how ...

Power System Integration of Electric Vehicles: A Review on

In recent years, electric vehicles (EVs) have become increasingly popular, bringing about fundamental shifts in transportation to reduce greenhouse effects and ...



Gridlock in China: huge spending on network in shift to green ...

A boom in energy storage, mostly through large battery packs for grid-level storage, should also alleviate the supply-demand mismatch on China's grid over the long term.



How Does Renewable Power Generation Capacity Contribute to ASEAN's Grid

Hydropower projects and Strengthened Grid Infrastructure are the focus of ASEAN Power Grid in Q1 2019. A growing concern over upcoming hydropower projects ...



Power Conditioners that Contribute to Smart-Grid

Solar-power generators use power conditioners (see block diagram in Figure 1) to convert the DC power they produce to the AC power distributed to businesses and ...

How Has the Electric Grid Changed Over Time?

The grid today. Even today, several power plants and transmission lines established in the 1900s exist - in fact, some operating coal-fired power plants date all the ...



Weibo and the making of Chinese networked publics: Witness, ...

It seemed to empower the grassroots as they could voice their grievances in an unprecedented way and thus challenge the existing power hierarchy. However, Weibo is not a ...



Helping the UK power grid spin back its system inertia

That allows the power grid to ride through short duration faults. This keeps system frequency within controlled limits of around 50 Hz. In an intact, stable system, the ...



Integrating renewable energy sources into grids , McKinsey

This is driven by aspects such as power grid aging or vegetation impact on power grid lines, which in turn affects grid availability, increases the complexity of power grid ...

Fuqing Unit 4 joins power grid_China Nuclear Energy Association ...

The grid connection will satisfy demand for power in eastern China, and contribute to energy structural adjustment alongside environmental improvements. In addition, it has provided ...



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