

## Event Information

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### **CHINA WIND POWER 2019 (October 22<sup>nd</sup>-24<sup>th</sup>, 2019 in Beijing, CHINA)**

CHINA WIND POWER 2019 is one of the largest exhibition in China and subjects to wind farm developers, turbine manufacturers, and research institutes etc., which covers the latest technologies and services related to wind farm market.

In the field of wind farm, we will provide **“Nacelle-mounted LIDAR”** which enables precise pitch and yaw control of wind turbine and power curve assessment.

Please stop by at our booth when you visit the conference and exhibition.

**MITSUBISHI ELECTRIC CORPORATION**

## Outline of the Event

Date & Time	22 <sup>nd</sup> October (Tue) 9 : 00 – 16:30
	23 <sup>rd</sup> October (Wed) 9 : 00 – 16:30
	24 <sup>th</sup> October (Thu) 9 : 00 – 14:30
Place	China International Exhibition Center New Venue (New CIEC)
	No.88 Yuxiang Road, Tianzhu, Shunyi District, Beijing
	Booth number : Hall E 405-406
Other	Please visit the website for more information of the event.
	<a href="http://www.chinawind.org.cn/cwp2019/index_en.php">http://www.chinawind.org.cn/cwp2019/index_en.php</a>

## Pick-up

A Doppler LIDAR transmits laser beams and then detects light backscattered by dust or other particles in the air, enabling the system to use the Doppler frequency shift in the backscattered light to make line-of sight measurements of wind speed and direction.

### Nacelle-mounted LIDAR

- Measures incoming wind velocity and direction by installing onto the top of nacelle.
- Appropriate beam angle enable Rotor Equivalent Wind Speed (REWS) measurement
- Contributes to energy increase and load reduction of wind turbine.

### **Mitsubishi Electric's Doppler Lidar System :**

<http://www.mitsubishielectric.com/bu/lidar/>

### **Contact :**

Mitsubishi Electric Corporation Sensing Systems Marketing Department

TEL: +81 (3) 3218-9133 FAX: +81 (3) 3218-9492