

## Adoption of lithium ion capacitor ULTIMO® for Wayside ESS of Qingdao Subway Line 8

Our lithium ion capacitor ULTIMO® is selected as the energy storage device for the wayside ESS of Qingdao Subway Line 8.



Xīnfēngguāng Wayside ESS



ULTIMO® 3300F Cell

The wayside ESS is a newly developed system by a joint project of Xīnfēngguāng†, Shanghai Capenergy Technology‡, and JM Energy, to reduce electricity consumption by charging a big kinetic energy of the subway rolling stock during braking with high efficiency, and during departure discharging absorbed energy to assist acceleration.

A field test for this system on the China Qingdao Subway Line 2 will be started from the end of 2019, and the commercial operation on Line 8 is scheduled on the end of 2020. This Wayside-ESS technology is also under consideration to adoption at several major cities in China, and is expected to be widely spread not only in cities of mainland of China but also in other countries.

Xīnfēngguāng†: A Chinese company develops, produces, and sells frequency converters for low/moderate/high frequencies, static var compensator, energy regeneration system for rolling stocks, and so on.

Shanghai Capenergy Technology‡: A Chinese company builds and sells ULTIMO® modules.

**【For more detailed information】**  
JM Energy Corporation  
TEL : +81-3-6218-3615 /E-mail : Sales@jmenergy.co.jp  
Person in charge : Sales

The information in this news release is as of the date of the announcement. Please note in advance that those information may change without notice.