

***World Bank Group Report Launch:
Financial Protection of Critical Infrastructure Services***

IGNITE PRESENTATIONS

**A multinational, private sector perspective:
CLP Holdings**

Hendrik Rosenthal,
Director – Group Sustainability, CLP Group

11 March, 2021



WEATHERING THE STORM – PHYSICAL CLIMATE RISKS



- Wind farms in India are faced with operation challenges when monsoons strike.



- Typhoons and floods pose significant risks to the operation and structure of overhead lines and substations in Hong Kong



- Black Summer, Australia's worst ever bushfire season in 2019-2020 posed significant risks to power assets.

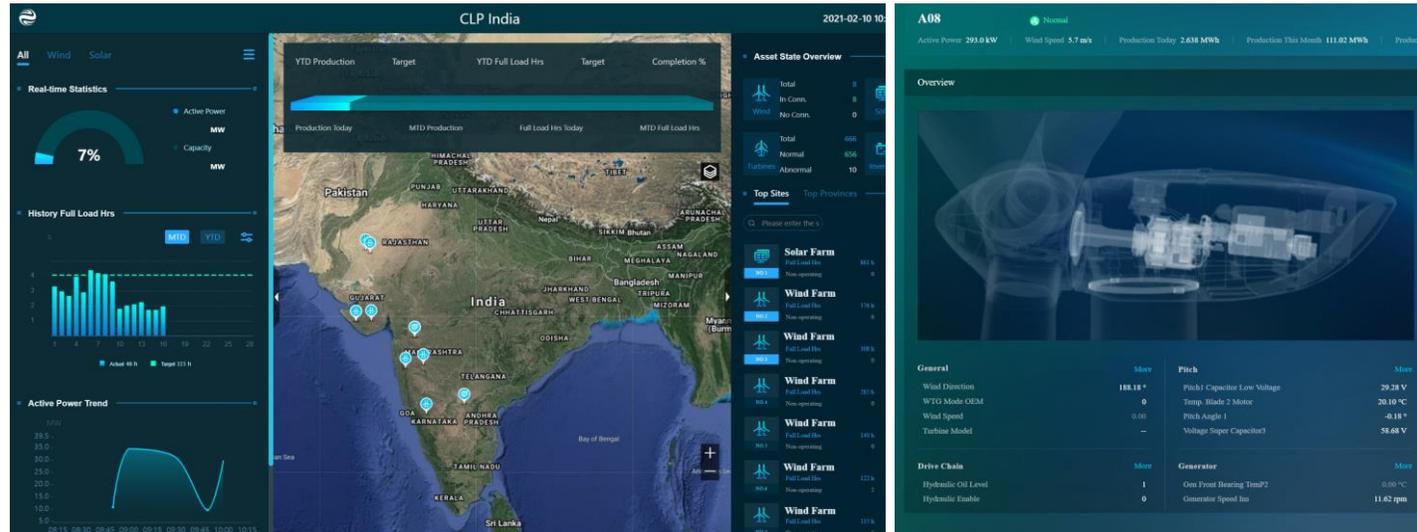
HARNESSING THE POWER OF TECHNOLOGY



- Robotics help enhance the efficiency and frequency of inspections.



- Aerial drones coupled with thermal cameras enable faster and more accurate identification of damaged and underperforming power assets.



- Centralised Analytics Platform (CAP) employed across renewable assets to capture real-time operational data for performance optimisation.

FINANCING THE TRANSITION TO A LOW-CARBON ECONOMY



- The offshore liquefied natural gas (LNG) terminal project currently under development by CLP Power and HK Electric will be crucial for ensuring fuel security and access to price-competitive natural gas for Hong Kong's transition to a low-carbon economy.



- The first new combined-cycle gas turbine at Black Point Power Station went into operation in 2020. This enables CLP to support the Hong Kong Government's target of increasing natural gas use to around 50% of Hong Kong's fuel mix for power generation in 2020. A second new gas-fired unit of similar capacity is now under development.