

Job Reference

Smart Metering Solution



CLP Black Point Power Station

Metering Solution: ATAL Smart Metering System is installed in Black Point Power Station's IT Data Centre, which helps CLP to remote monitor power status in Sham Shui Po workstation. It also helps to measure energy efficiency in terms of Power Usage Effectiveness (PUE) to provide performance analysis of energy efficiency in this data center.

Developer / Owner: CLP Power Hong Kong and ExxonMobil Energy



International Finance Centre Tower 2

Metering Solution: Over 500m² in International Finance Centre Tower 2 is connected to ATAL Smart Metering System for energy efficiency management. ATAL provides user-friendly and customized energy reports such as consumption analysis report and load profile report for continuous energy assessment and improvement of the building.

Developer / Owner: MTR Properties, Sun Hung Kai Properties, Henderson Properties, HK & China Gas, Bank of China



Four Seasons Hotel HK

Metering Solution: Hundreds of meters are connected to ATAL Smart Metering System for energy management. ATAL provides user-friendly and customized energy reports for continuous energy management through assessment and improvement.

Developer / Owner: MTR Properties, Sun Hung Kai Properties, Henderson Properties, HK & China Gas, Bank of China



Central Plaza

Metering Solution: 150 nos. power meters are installed in Central Plaza and connected to the ATAL BMS System. The system enables continuous energy monitoring and energy management on lighting, HVAC, Chiller Plant, Pumps and Lifts among different parts of the building.

Developer / Owner: Sino and Sun Hung Kai Properties



One Island East

Metering Solution: A variety of meters such as power meters, flow meters and energy meters are connected to ATAL BMS System. These metering data provide the building owner with daily, weekly, monthly & yearly energy usage to identify possible opportunities for optimizing energy efficiency.

Developer / Owner: Swire Properties



Science Park Phase II

Metering Solution: Over 900 nos. of power meters for Electrical, HVAC and Lighting Utilities are connected to ATAL iBMS System in Science Park Phase II. ATAL's web-based facility and energy management software are used to monitoring as well as to optimise the building energy usage via BMS intelligent control. ATAL also customized a series of energy reports such as Utility Breakdown Report, Correlation Analysis Report, Abnormality Analysis Report, Consumption Analysis Report, Daily Load Shaping Report and Benchmark Comparison Report. These reports provide facility energy manager with an advance energy analysis to identify possible opportunities for optimizing energy efficiency.

Developer / Owner: Hong Kong Science & Technology Parks



Tseung Kwan O HSBC Data Centre

Metering Solution: ATAL installed numerous power analyzers to the existing ATAL BMS System for energy monitoring. The system provides historical data and real-time data for facility management in energy efficiency monitoring. ATAL also designs, supplies and installs another "power quality & energy management system" in 2010 for monitoring power factors & harmonics on their 11 nos. of electrical incoming feeders.

Developer / Owner: The Hong Kong and Shanghai Banking Corporation Limited



Tuen Mum Hospital

Metering Solution: ATAL Smart Metering Solution includes the ATAL supply and installation of numerous electricity meters, gas meters, water meters and energy meters, as well as a customized energy management software. These metering data are connected to the ATAL C-CCMS system for real-time monitoring and historical data storage. The system provides accurate & continuous energy consumption monitoring of different energy sources for on-going sustainable energy management on carbon footprint reduction.

Developer / Owner: Hong Kong Special Administrative Region



Credit Swiss Data Centre in I-tech Tower

Metering Solution: ATAL was responsible to install the Electrical Power Monitoring System in Credit Swiss Data Centre at I-tech Tower to measure the energy efficiency in terms of Power Usage Effectiveness (PUE). ATAL develops an user-friendly energy dashboard to provide the end-users with real-time energy performance data for continuous energy monitoring and improvement.

Developer / Owner: Credit Swiss Group

**You can't manage energy until you measure it.
ATAL offers Unique Smart Metering Solution for effective energy management.**

ATAL BUILDING SERVICES ENGINEERING LTD

13/F, Island Place Tower, No. 510 King's Road, North Point, Hong Kong
Tel: 2565 3399 • Fax: 2562 6401 • Email: atalbs@atalbs.com.hk