### **SOLAR** Pro.

## Hong Kong hitachi energy gis

#### Who is Hitachi energy?

We are one of the major suppliers of key utilities- CLP,HKE,MTR,CEM ...etc. for Hong Kong &Macau's infrastructure pro-jects. Hitachi Energy positions itself not only as a reliable and professional expert in quality products and services as well as integrated energy solution package but also as an enterprise with environmental concerns.

#### What makes Hitachi energy a great GIS company?

Hitachi Energy has always been and continues to drive innovation in GIS technology in ratings, operations, switching technology, smart control and supervision, and compactness. As a result, Hitachi Energy's GIS offers outstanding reliability, operational safety and environmental compatibility.

#### Who is Hitachi energy Hong Kong Limited?

Hitachi Energy Hong Kong Limited - As a registered Electrical Contractor,we have already successfully obtained the ISO 9001 certificate to conform to the Quality Management System,ISO 14001 certificate to confirm to the Environmental Management system and the ISO 45001 certificates to the Occupational Health and Safety Management System.

#### Does Hitachi energy offer gas insulated switchgear?

It provides a complete range of products for all ratings and applications from 72.5 kV to 1200 kV matching current and future requirements for modern switchgear. Why Hitachi Energy? Hitachi Energy's gas-insulated switchgear (GIS) portfoliooffers a complete range of products for all ratings and applications from 72.5 kV to 1200 kV.

#### What is Hong Kong building GIS data?

Hong Kong building GIS data The GIS data for building footprints in Hong Kong are in polygon shapefile format. Each polygon represents the corresponding building in an object space. The corresponding attribute table for each polygon contains a list of attributes including: area,geo-reference number,and building names.

#### What is the best orientation for solar power in Hong Kong?

In Hong Kong, this optimal tilting is around 14°-20° to produce the maximum total power output and the south-facing orientation has a higher annual average insolation. The solar PV technologies are suitable for large-scale deployment and could be a significant source of renewable energy in Hong Kong.

Hitachi Energy Integrated Gas-insulated switchgear Applications (IGA) are predesigned, standardized, and fully integrated switchgear units for fast deployment and high reliability. They are based on our well-proven GIS technology combined with high-end mounting platforms and flexible housings.

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Hitachi Energy has actively involved in multiple milestone projects in China with its leading technologies and solutions, including Xiangjiaba-Shanghai, the first ±800 kV ultra-high-voltage direct current (UHVDC) link of State Grid Corporation of China (SGCC); Changji-Guquan, the world"s first ±1,100 kV UHVDC transmission link with new ...

Gas-insulated high-voltage switchgear (GIS) is a compact metal encapsulated switchgear consisting of high-voltage components such as circuit-breakers and disconnectors, which can be safely operated in confined spaces.

This paper studies the use of Remote Sensing (RS) technologies and Geographic Information Systems (GIS) for estimation of city-wide photovoltaic (PV) potential in Hong Kong. It investigates the spatial distribution of cloud coverage through geostationary satellites from the Multi-functional Transport Satellite (MTSAT).

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We are advancing the world"s energy system to become more sustainable, flexible and secure whilst balancing social, environmental and economic value. Hitachi Energy has a proven track record and unparalleled installed base in more than 140 countries.

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