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**COMPANY
PROFILE**



About Us



About Us



Green Constitutes Sdn Bhd is a company formed in 2010. Under our energy division, we provide products and services under two main elements which are Renewable Energy & Energy Efficiency.

We assist government and commercial customers in enhancing business operations by offering alternatives in applications of green technologies.

Green
Constitutes
Clean
Energy

Green
Constitutes
Energy
Efficiency



Mission



Our Targets



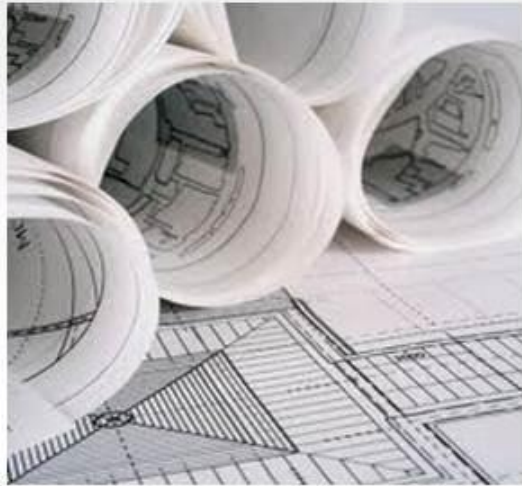
Our mission is twofold.

First, we are there to make our clients successful in their mission. We work with our clients to deliver the best possible solutions possible while still meeting the clients need, timeframe, and budget.

Second, we want to become the leader in the creation, development, and deployment of technologies that converge the advancement of human civilizations with that of the environmental condition.



Company Overview



What We Do



Our core values are **Greenfield Development;** **Turnkey Solutions;** **Technical and Commercial Management,** which simply means Planning and Analysis; Execution; Operation and Maintenance.

Our knowledge and research combined with our technical support and management services will allow our clients to enjoy services and solutions that are built for reliability.





Green Constitutes Clean Energy

WIND ENERGY

- Design, Supply & Installation of Small/Medium Wind Turbine System
- Design, Supply & Installation of Large Scale Wind Turbine System
- Design, Supply & Installation of Ventilation Recovery Wind Turbine System - Cooling Tower Application
- On-Site Wind Resource Assessment

SOLAR ENERGY

- Design, Supply & Installation of Small/Medium Photovoltaic (PV) System
- Design, Supply & Installation of Large Scale Photovoltaic (PV) System
- Design, Supply & Installation of Wind Solar Hybrid System

Products & Services Portfolio



Green Constitutes Energy Efficiency

ENERGY MANAGEMENT & AUDITING

- Energy Auditing Services
- Advanced Smart Metering Solutions
- Voltage Optimization Solutions
- Air-Conditioning Energy Saving Solutions
- Motor & Machine Solutions
- PC & IT Solutions
- Chiller / Refrigeration Solutions

ENERGY EFFICIENT LIGHTING SOLUTION

- Lighting Solutions
- Design, Supply & Installation of Lighting Emitting Diodes (LED)
- Lighting Savings Reporting

Products & Services Portfolio



Power With Wind



Total Solutions Provider



As a reputable wind energy developer in Malaysia, we provide our clients with only the best possible technology available in the market today.

Our knowledge, experience and practical skills represent an important link in the chain for creating independent, dynamic development and exploiting opportunities in the Asia-Pacific and Malaysian wind market.

We're an authorized dealer for several wind turbine manufacturers around the world.



Harnessing the Sun



PV System for Residential & Commercial Applications



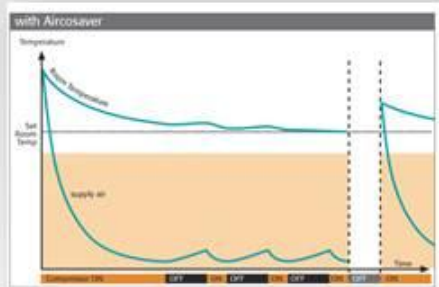
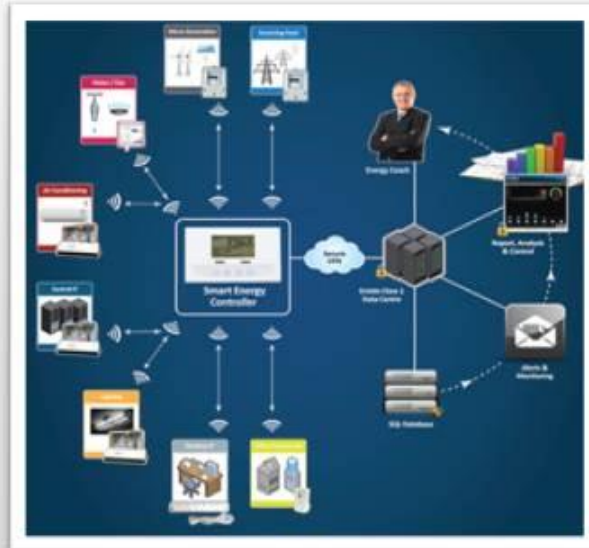
We offer a series of PV modules which can be installed on a wide variety of building structures including roofs, skylights, facades, shade, etc.

PV modules can be integrated/retrofitted on to new and existing buildings. While the equipment and installation cost are now largely comparable to the cost of traditional building materials, their ability to power the building makes compelling economical sense.

We make the dream of self powered building come true.



SMART Energy Management



Energy Saving Made Simple



Using our Energy Manager technology, you can cut your financial spend, energy use and carbon emissions in one simple step.

enistic



We have solutions aimed at Small Businesses, Medium Businesses, Enterprise Corporations and Public Sector Organisations.

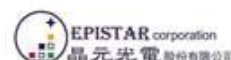
Backed by the leading brand in the sector and a full installation, support and maintenance team, we ensure our customer's organization is doing its bit for the environment whilst saving you money at the same time.



Lighting Solutions



Energy Efficient Lightings



LED lights are energy efficient, cost effective, durable and more. They are the latest technology in lighting and offer a great alternative in replacing your current halogen or standard lights.

LED lighting is the next generation technology in lightings which features numerous benefits to not only consumers for residential application but also for commercial buildings, with LED Down lighting products and LED Tubes which can replace out-dated, buzzing fluorescent lighting.



Project References (Wind Energy)



Projects



NO.	PROJECT	SYSTEM CAPACITY	STATUS
1	Wind Resource Assessment in Bukit Jelutong	-	Completed
2	Wind-Solar Hybrid in Pulau Omdal, Sabah	5 kW	Completed
3	On-Grid Horizontal Axis Wind Turbine in Penang (Waterfront)	3 x 3 kW	Ongoing (Piling Works)
4	On-Grid Vertical Axis Wind Turbine in Penang (Second Bridge)	3 x 3 kW	Ongoing (Tender Stage)
5	On-Grid Vertical Axis Wind Turbine on commercial building in KL	4 x 1.5 kW 2 x 3 kW	Ongoing (Design Stage)
6	On-Grid Wind Turbine (Horizontal/Vertical Axis) in Petaling Jaya	2 x 3 kW 4 x 1.5 kW	Ongoing (Design Stage)
7	Off-Grid Horizontal Axis Wind Turbine in Kemaman, Terengganu.	2 kW	Ongoing (Design Stage)
8	Wind Farm Development in Sabah	50 x 2 MW	Ongoing (Wind Resource Assessment)



Project References (Solar Energy)



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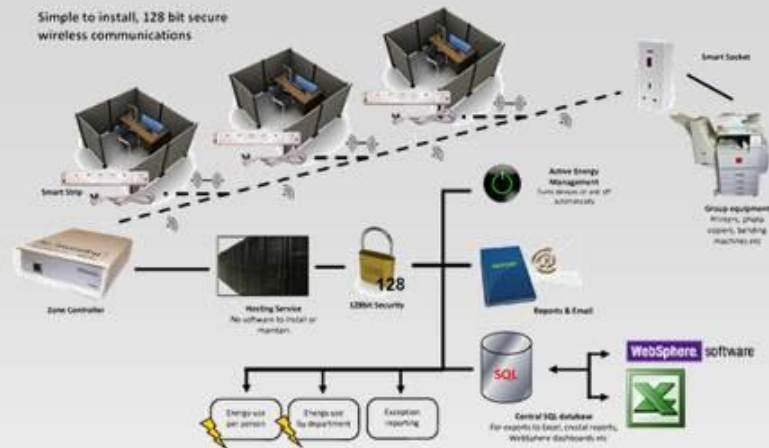
Projects



NO.	PROJECT	INSTALLATION TYPE	SYSTEM CAPACITY	STATUS
1	Double Storey Terrace House in Bukit Jelutong	Integrated	4.9 kWp	Completed
2	Solar-Diesel Hybrid in Sabah	Off-Grid	11 kWp	Completed
3	Digi Telcommunication Sdn Bhd	Off-Grid	5.2 kWp	Completed
4	12 Schools in East Malaysia	Off-Grid	30 kWp	Completed
5	UITM Pematang Pauh, Penang	Off-Grid	2.8 kWp	Completed
6	UNIMAS, Sarawak	Off-Grid	3.5 kWp	Completed
7	Commercial Building in Penang (Second Bridge)	Retrofitted	40 kWp	Ongoing (Tender Stage)
9	Double Storey Semi-Detached House in Bukit Jelutong	Integrated	4.9 kWp	Ongoing
10	Double Storey Terrace House in Bangsar	Retrofitted	11 kWp	Ongoing
11	Double Storey Bungalow in Shah Alam	Retrofitted	3.5 kWp	Ongoing
12	Commercial Lot in Bangi	Retrofitted	6.0 kWp	Ongoing
13	Residential unit in Kuantan,	Retrofitted	3.5 kWp	Ongoing
14	Residential unit in Sungai Buloh	Integrated	4.5 kWp	Ongoing
15	Commerical Building in Bukit Jalil	Integrated	40 kWp	Ongoing
16	Clubhouse in Kelana Jaya	Integrated	6 kWp	Ongoing
18	Installed ET Solar PV Modules over the world		>500 MWp	Completed
19	Installed PV System using Fronius Inverter in Malaysia		>500 kWp	Completed



Project References (Energy Management System)



Projects



NO.	PROJECT	ENERGY MANAGEMENT SOLUTIONS	STATUS
1	Saffron Housing Trust, East Anglia	Smart Metering	Completed
2	BF Technology Ltd	Smart Metering	Completed
3	IBM, United Kingdom	Energy Guardian	Completed
4	Interior Control Ltd	Smart Sockets Monitoring	Completed
5	The Lyric Center, Houston	Energy Guardian	Completed
6	Office in Petaling Jaya	Smart Sockets Monitoring	Pre-Audit
7	Bungalow in Petaling Jaya	Smart Metering	Pre-Audit
8	Office in Westport, Klang	Smart Metering, Chiller & Machine Solutions	Pre-Audit
9	Commercial Building in Damansara Perdana	Smart Metering	Design Stage
10	Office in Bangsar	Smart Metering	Design Stage
11	Office in Midvalley, KL	Smart Metering	Design Stage



Project References (Energy Efficient Lightings)



Projects

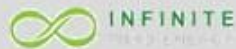


NO.	PROJECT	SOLUTIONS	STATUS
1	Double Storey House in Bukit Jelutong	62 x LED Down Lights	Completed
2	Commercial Building in Sri Damansara	563 x LED Tube Lights	Ongoing
3	Commerical Advertising Billboard in Petaling Jaya	LED Flood Lights	Ongoing
4	Condominium in Petaling Jaya	500 x LED Tube Lights	Ongoing
5	Condominium in Kota Damansara	LED Tube Lights	Ongoing



Our Partners

WIND ENERGY



SOLAR ENERGY



Our Partners



ENERGY MANAGEMENT & AUDITING



ENERGY EFFICIENT LIGHTING SOLUTION





Contact Us



Contact Us



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