SOLAR POWER FOR SCHOOL AND EDUCATIONAL INSTITUTES

Climate change is a global environmental issue. Since technological improvements are ignoring their impacts on the environment, educating younger generation about renewable energy, energy conservation and efficiency has become very important.

Solar for Schools informs and empowers children teachers and parents with solar knowledge to reduce their environmental footprint and to live more sustainably.

- Schools and educational institutes are excellent places to use solar energy as they are open during the day when the sun is shining.
- Solar power is proving to be an excellent source of light and power to schools / educational institutes in countries and rural areas that are lacking or have unreliable power sources.
- Solar power is an important part of our energy future and one of the cleanest forms of energy. It emits zero greenhouse gases or other pollutants, uses no water and produces no waste.
- A solar power system in plain view is a learning source - allow students, teachers and the wider community to see how much clean energy is produced and how much greenhouse gases are being saved.
- Introduce broader concepts on energy efficiency, renewable energies and climate change action.
- Demonstrate the school's financial leadership and environmental responsibility.
- The challenge is established for schools to reflect on environmental issues and to consider the opportunities in engaging with renewable energy sources.
- Solar LED flashing beacons have been shown to improve visibility of signs and enhance safety of roadways, offered by OSS for school children to ensure safety from any kind of accidents near school vicinity.

An investment in solar energy is an investment in the future,

- **Because using more alternative energy means cleaner air and healthy children.**
- **This project will use solar energy to augment existing power systems and help reduce energy costs at these schools.**
- **It will be a model for schools across the city.**

We at OSS are striving to utilize the abundant sunshine thereby preserving nature and making best use of the naturally available resources.

SOLAR POWER FOR PARKING AREA

Why an Integrated Solar Design PV Parking Cover?

- Provides clean renewable solar electricity
- Attractive high performance solar electric solution
- Provides shade to reduce summer heat gain
- Allows 15% of the natural light to pass through
- Sealed system provides weather protection to the area below
- Patent pending mounting technology hides electrical wiring
- Robust All-Aluminum & Stainless Steel Mounting Hardware

SOLAR POWER FOR REAL ESTATE

Al-Bahja Group is one of the leading and diversified group companies in Oman which believes in innovation and the introduction of new concepts that aim towards setting new standards in the real estate market. OSS has elicited a lifestyle revolution in Oman and other countries. Whether you are looking for an apartment, villa, townhouse, office or retail space for sale or to rent, we have something to offer you.

What are Building Integrated Photo-voltaics (BIPV)?

Roof mounted or architecturally integrated solar power systems providing zero-carbon energy and a highly visible investment into sustainability are called BIPV. Building integrated photo-voltaics is a new way to improve building performance with attractive designs.

While standard PV solutions are often used in residential, school, solar-farm applications and stand-alone systems like solar lighting, BIPV provides architects with completely new possibilities to incorporate solar technology into buildings.

Benefits

- Contributes to corporate CSR programs
- Adds value to property as a building amenity
- Reduces dependence on conventional carbon-based power
- Valuable marketing and PR statement

SOLAR POWER FOR FACTORIES, WAREHOUSES & INDUSTRIAL BUILDING

In today's challenging economic situation, industrial manufacturers need to meet ecologic requirements, while reducing cost and inefficiencies to maintain competitive. In addition to this, unused roofs are lost space - offering enormous potential for carbon emission reduction and contribute to end-customer requirements for green supply chains. Factories, Warehouses and Gas Stations run 24/7 and lights are on most of the time if not 100%. Reduce cost and carbon, increase competitiveness – with PV-systems "on-top" of facilities and factories

- Let your roof work for you by generating clean and safe energy
- Reduce your carbon footprint and profit from an environmental-friendly image
- Secure your position in a world of "green" supply chain requirements
- Energy savings can be significantly impacted through the use of Solar Induction Lamps.
- Compared to metal halide or sodium lamps lighting sources, induction lamps provide better quality light that will make workers more productive and reduce accidents.

OSS

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