



Integrated Solar Energy System

Innovating for tomorrow



## **ABOUT US**

Potentia has over 25 years of rich experience for execution of projects in Oil & Gas, Fertilizers, Power & Energy sectors of Pakistan. We have reliable, high-quality, & cost-effective Explosion Proof as well as Non-Explosion Proof Solar Energy Systems. All of the accessories can be supplied from USA, Europe, and China origin (as per customers' preference).

### **HIGH EFFICIENCY:**

Our offered solution comply with all the relevant standards keeping in mind the efficiency of designed system is higher than other brands.

## **HAZARDOUS AREAS:**

We provide our clients with certified explosion proof Solar System which is suitable for any hazardous area where there is a chance of explosive environment.

#### **ECONOMICAL:**

When compared with others, our offers stay on the lower sides making sure that our clients get an economical solution according to their requirements.

# **OUR OFFERINGS**

We can design and supply complete range of products and solutions required for a fully functional solar energy system both for Safe Areas as well as Hazardous Areas. Our offerings consist of following:

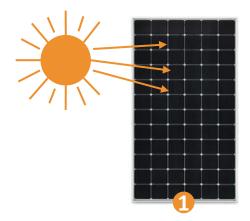
- ✓ Solar System Design & Complete Calculations
- ✓ Ex & Non-Ex Solar Panels
- ✓ Charge Controllers / Inverters
- ✓ Batteries
- ✓ Accessories

All the equipment is available as per the client's demands.



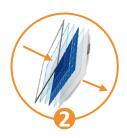


# SOLUTION



# Sunlight:

When sunlight hits a solar panel, photons (particles of energy) are converted into electrons.



### Solar Cell:

As electrons pass through the cells of a solar panel, they're converted into direct current electricity.



#### Inverter:

That electricity is sent to an inverter which converts it into alternating current (AC) power.



## Equipment:

That AC power runs through your site ready to power appliances, charge devices, and more.

# **SOLAR ROAD-MAP**



YOUR REQUIREMENTS



**OUR CALCULATION & DESIGNING** 



INSTALLATION



READY TO OPERATE

## **RELIABILITY:**

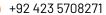
Our products are 100% reliable when it comes to quality and durability of our products. We provide client-specific products for their unique demands both for hazardous & non-hazardous areas..











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