

SOLAR ON GRID PV COMPLETE SYSTEM WITH INSTALLATION IN 110 RS/WATT FOR 100-1000KW

SOLAR PANEL - JA SOLAR

- STANDS AMONG TOP 05 WORLDWIDE
- 10 YEARS WARRANTY
- 25 YEARS POWER OUTPUT GURANTEE
- 100MW PLANT IN BHAWALPUR, PAKISTAN

SOLAR INVERTER - KACO POWADOR

- COMPLETE GERMAN PRODUCT
- UPTO 98% EFFICIENCY
- 05 YEARS WARRANTY
- 25 YEARS PERFORMANCE GURANTEE

PAYBACK
1.5 - 3 YEARS

Giuliano-Naples, Campania Italy



Capacity: 20.4MWp Completed time: 12, 2010

USA, San Antonio (Texas)



- System Size: 400 MW
- Commissioned: 2013

Zlataritsak, Bulgaria



Capacity: 21MWp Completed time: 01, 2012
Type of Module: JAP6-60-230W JAP6-60-235W

Germany, Neuhausen



- System Size: 19.7 MW
- Commissioned: 2012



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INDUSTRIES

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GRID-TIE SOLUTIONS

System Sizes **1-50(KW)** **50-100(KW)**

JA Solar With KACO Powador

Price/watt	119	115
Payback years Diesel Genset	~2.7	~2.4
Payback years Grid	~3.9	~3.7
Payback years Gas Genset	~7.6	~7.5

LG Mono X Neon With KACO Powador

Price/watt	155	145
Payback years Diesel Genset	~2.5	~2.4
Payback years Grid	~4.9	~4.9
Payback years Gas Genset	~8.9	~8.9

Product Efficiency

SUN POWER - USA (20.1%)

LG Mono X Neon - Korea (18.2%)

JA Solar - China (16.77%)

KACO - Germany (98%)

Commulative Savings for 5 Years

System Sizes	10KW	20KW
Gas Genset	~0.9 million	~2.3 million
Diesel Genset	~3.5 million	~7.4 million
Grid	~1.8 million	~4.1 million
System Sizes	50KW	100KW
Gas Genset	~5.5 million	~11.1 million
Diesel Genset	~17 million	~35.6 million
Grid	~10 million	~20 million

SAVE IT

A 1KW (kilowatt) solar panel system will prevent...



170 pounds of coal from being burned

300 pounds

of CO₂ from being released into the atmosphere



105 gallons of water from being consumed

Contact us:

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GOING SOLAR

What you need to know about Solar Energy

Every second, our sun produces enough energy to sustain Earth's needs for 500,000 years.

K A C O 



REFERENCES:

400MW in San Antonio, Texas, USA
145MW in Neuhausen, Germany
13.6MW in Stribo, Czech Republic

JA SOLAR



REFERENCES:

2MW in Kenitra, Morocco
35MW in Arava Desert, Israel
1.5MW in Clermont Ferrand, France
1.48MW in Watzmannsberg Vilshofen, Germany
21MW in Zlataritsak, Bulgaria



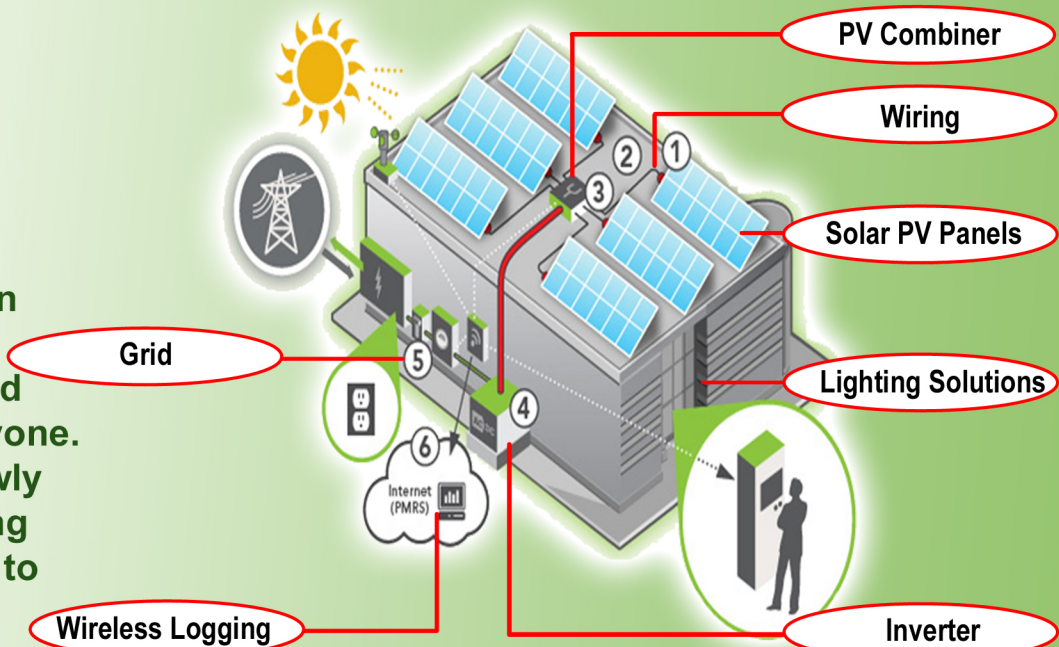
There is no **ENERGY** crises, only a crises of **IGNORANCE**

Free ENERGY
ASSESSMENT

- ➡ NO OPERATIONAL COST
- ➡ NO MAINTENANCE
- ➡ NO CO2 EMISSION
- ➡ NO NOISE

MISSION

Energy and climate has been headline news, at the top of the government agendas and a growing concern for everyone. The global PV market of newly installed PV systems is rising from 20.4 Gigawatts in 2011 to 125 Gigawatt by 2020.



Iceberg Industries stands to power up Pakistan's economy by providing solar energy solution and lighting solutions at low cost all over Pakistan.

Offer energy solution with high-tech equipments with the installation and after sales services.



Cost Benefit Analysis

System Cost 130 to 187 Rs/Watt

Payback Period

With Diesel < 2 Years

With Grid < 3 Years

With Gas < 9 Years

lighting **solutions**

- ➡ High Energy Efficiency 80%
- ➡ High Life Time 25,000 ~ 50,000 hours
- ➡ Environmental Friendly
- ➡ Less Heat & No Mercury
- ➡ Harmless Light No UV & IR

