

Saver Solar (Pvt) Ltd.

The Smart Choice

About Us:

We are a solar **EPC (engineering procurement & construction)** company working since 2020. With expertise in system designs & implementation we provide energy solutions to residential, commercial as well as industrial clients all over Pakistan. We are efficient, quality conscious and customer focused delivering turnkey solutions to bring an energy revolution in Pakistan.

We believe in the power of solar energy to create a brighter future for generations to come. Our Vision is *"To make solar energy accessible and affordable for everyone and to help our clients save money while reducing their environmental impact"*. With the focus on quality, reliability, and exceptional customer service, we take pride in delivering top-quality products and services to our clients. Our team works closely with each client to design customized solutions that meet their unique energy needs and budget requirements.

We are dedicated to promoting the use of solar energy and creating a sustainable future for our planet. Join us in the solar revolution and let us help you harness the power of the sun for a brighter tomorrow.

Our Services:

- Installation
- Monitoring
- After Sales Services
- SBP Green Bank Financing

Our Solutions:

- Residential Solar Solutions
- Commercial Solar Solutions
- Industrial Solar Solutions
- Agricultural Solar Solutions

Certified Company:



Solar Energy:

Solar energy is generated when sunlight is converted into electricity. Sunlight is composed of photons, which are units of light energy. When sunlight reaches the earth, that energy can be captured via solar panels and transformed into usable energy in the form of electricity.

Benefits of Solar Energy:

- Renewable and Sustainable
- Reduces Electricity Bill
- Cost Savings
- Creates Economic Opportunities
- Environmentally Friendly

Comparison of Solar System:

Aspect	Before Installation of Solar System	After Installation of Solar System
Electricity Bills	High monthly bills due to 100% grid usage	Bills significantly reduced (30–90% savings depending on system size)
Power Reliability	Frequent power outages/load shedding	Backup power available through solar + batteries
Cost of Energy	Increasing electricity tariffs over time	Stable, free energy from sunlight after installation
Environmental Impact	High carbon footprint from fossil fuels	Reduced carbon emissions, eco-friendly energy
Initial Investment	No upfront cost (only pay bills)	Requires one-time investment for system installation
Long-Term Savings	No savings, continuous expense	High savings after payback period (1–2 years)
Property Value	Normal property value	Property value increases with solar installation
Independence	Dependent on utility companies	Energy independence and security
Maintenance	No special maintenance required	Minimal maintenance (cleaning panels, battery check)

AMT Hospital (Chishtian)

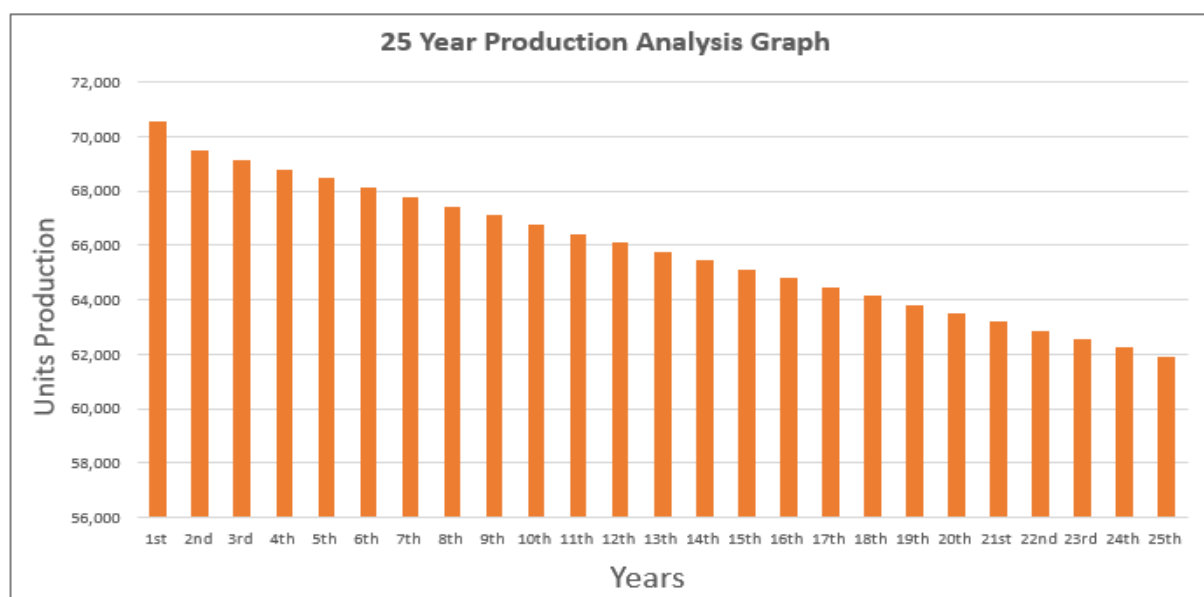
The **50kW on-grid solar system for a hospital** is designed to deliver efficient, reliable, and cost-effective clean energy while supporting continuous healthcare operations. The system is equipped with **Jinko 585W Bifacial high-efficiency solar panels**, which provide excellent power output, superior temperature performance, and long-term durability. Energy conversion is managed by a **50kW Huawei on-grid inverter**, featuring advanced MPPT technology, high efficiency, and intelligent monitoring to ensure stable and optimized system performance. The solar panels are installed on a **standard aluminium P1 mounting structure**, which is lightweight, corrosion-resistant, and engineered to maintain optimal tilt and alignment for maximum solar generation. This on-grid solar solution is fully compatible with net metering, helping the hospital significantly reduce electricity costs, lower carbon emissions, and maintain a sustainable, low-maintenance energy system.



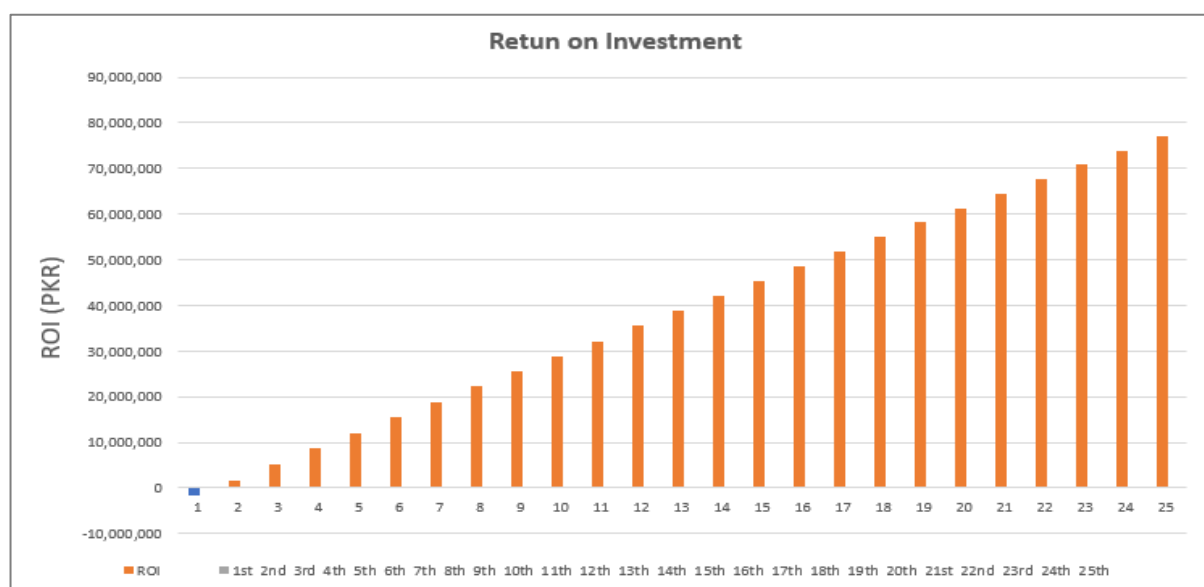
System Analysis:

Avg generation per month	5,880 KWh (Units)
Avg generation per Year	70,550 KWh (Units)
Total Project Cost	5,310,000/- Rs
Payback	1.6 Years
Benefit of Solar System	Up to 23 Years
Total 25-Years Saving	82,305,625/- Rs

Production Graph:



ROI Graph:



Bill before Solar Installation:

KWH		KWH METER READING			KVARH METER READING			MDI METER READING		METER STATUS
METER NO	PREVIOUS	PRESENT	MF	PREVIOUS	PRESENT	MF	PRESENT	MF		
3699020819	50.81	66.6	80	0	0	0	0	0		
3699020819	8.5	11.39	80							
UNITS CONSUMED 1494										
MEPCO CHARGES				GOVT CHARGES			ARREAR			
UNITS CONSUMED		1494		E.D.		977.97		CURRENT BILL		84961.56
ENERGY CHARGES		65198.16		TV FEE				BILL ADJUSTMENT		
FIX CHARGES		1000		GST		12960		INSTALLMENT		
LPF PENALTY				INCOME TAX IT ADJ				MASJID CONTRIBUTION		-3859
SEASONAL CHARGES				EXTRA TAX				TOTAL FPA		0
METER RENT				FURTHER TAX						0
SERVICE RENT				ITS						0
VAR. FPA		-3222.11		STAX - 2014				PAYABLE WITHIN DUE DATE		81102
QTR TARRIF ADJ		0		N-J SURCHARGE				L.P.SURCHARGE		3551
TOTAL		62976.05		SALES TAX				PAYABLE AFTER DUE DATE		7102
BILL CALCULATION				FC SURCHARGE		4825.62		Till 21-APR-25		After 21-APR-25
GOP				TR SURCHARGE				84653		88204
Tariff X Units				TAXES ON FPA		-637.33				
43.6400 X 1263				TOTAL		18126.26				
43.6400 X 221				GST ADJ		-589		For Complaint Contact		
اسرپل میں وفود اعظما کے ساتھ ان کی جلی بسے 0 روپے کا				DEFERRED AMOUNT				SDO #: 0632604512 / 03199759989		
طریقہ و اکاؤنٹ				OUTSTANDING INST. AMOUNT				XEN #: 0632501114 / 03199759989		SE #: 0639240040 / 0639240040
Off Peak	Peak	Previous	Present							
Export(kWh):	0 0	Month Count =	3/3 / 3							
Import(kWh):	1263 231	Remaining kWh (O)	0 0							
Export MDI (KW):	0 0	Remaining kWh (P)	0 0							
Net(kWh):	1263 231									