

Shams Power Limited

Pakistan's largest private solar developer with a portfolio of 60+ MW in operation or construction with marquee clients like Coca Cola, Hyundai, METRO, AkzoNobel, Mondelez, Tripack Films, Packages, Shifa Hospital & Nishat.

About Shams Power

Shams Power is Pakistan's largest solar developer with a portfolio of **30MW** of distributed C&I solar in operation, and is doing so on the basis of a long-term Power Purchase or Deferred Payment Agreement. We expect to have **150MW** of operational C&I clients by 2025.

Our majority sponsor owns and operates over **400MW+** of Thermal and Solar IPPs in Pakistan in addition to Shams.

134 MW
Saba Power



229 MW
Orient Power



50 MW
Our Sun



Sponsor experience with International FIs



Saba Power



Orient Power



شركة النفط العمانية ش.م.ع.م.
Oman Oil Company SA.O.C.



Pak Oman Investment Company

PITCO

PITCO



Everyone is selling solar, What's different here?

B

BUILD

- Design, EPC, and O&M

O

OWN

- Long-term PPA basis
- No Capital Expenditure for customers

O

OPERATE

- Electricity sold on a metered basis
- No O&M cost or hassle for customers

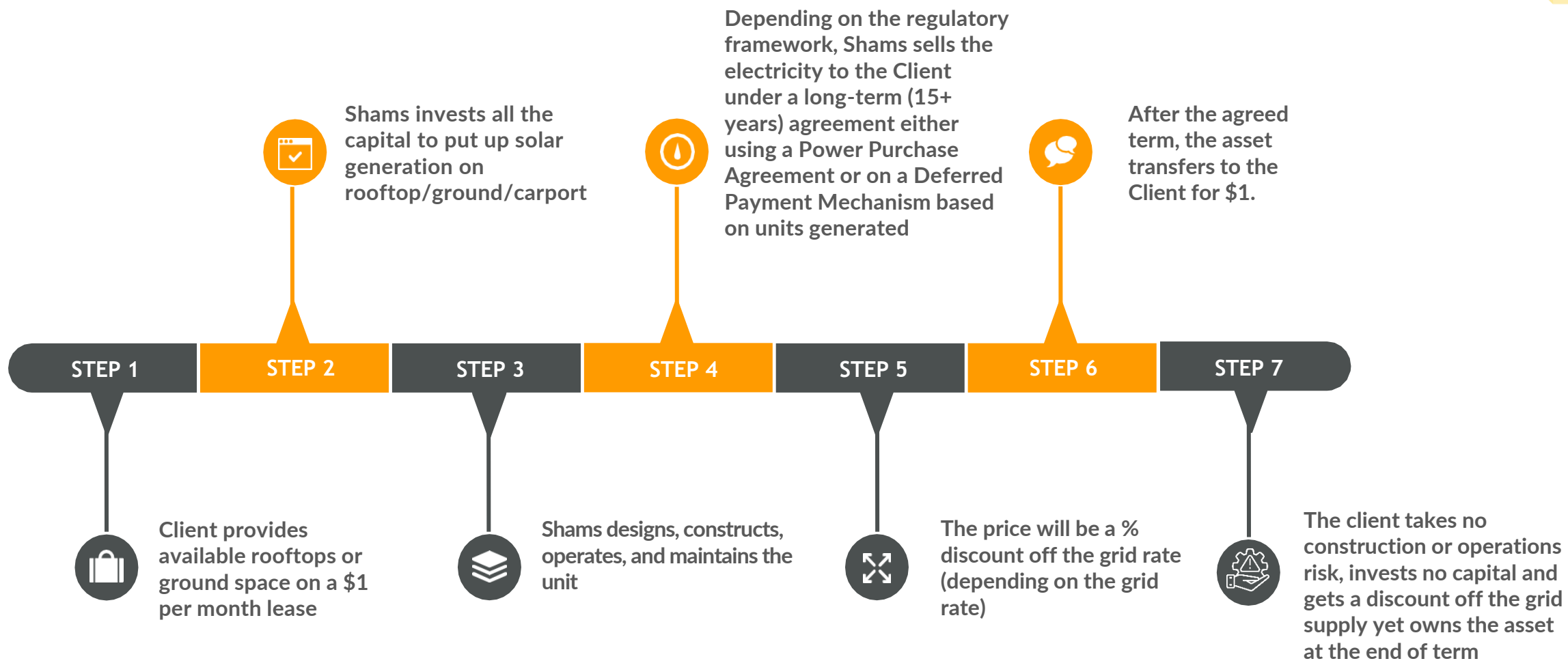
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TRANSFER

- Power plant handed over to customers at the end of the term

Delivering immediate, risk-free savings with no investment from the customer or any hassle of operations or maintenance!

The Shams **BOOT** Model



Grid Tied Solar PPA Portfolio

5 MW Rooftop Solar at Metro Cash & Carry Stores, Pakistan



3 MW Rooftop Solar at Packages Mall, Lahore



2.5 MW Rooftop Solar at Hyundai Plant, Pakistan



Grid Tied Solar PPA Portfolio

1.4 MW Rooftop Solar at Emporium Mall, Lahore



1 MW Rooftop & Parking Solar at Shifa International, Pakistan



0.5 MW Solar Car Park at AkzoNobel, Pakistan



Grid Tied Solar PPA Portfolio

0.5 MW Ground Mounted Solar at Maxim, Pakistan



350 kW Rooftop Solar at Shalamar Hospital, Pakistan



500 kW Rooftop Solar at GCU Lahore, Pakistan



Grid Tied Solar PPA Portfolio

5 MW Ground Mounted Solar at
Dandot Cement, Pakistan



3 MW Ground Mounted Solar
at Coca Cola, Pakistan



1 MW Rooftop & Carport Solar at
Hilal Foods, Pakistan



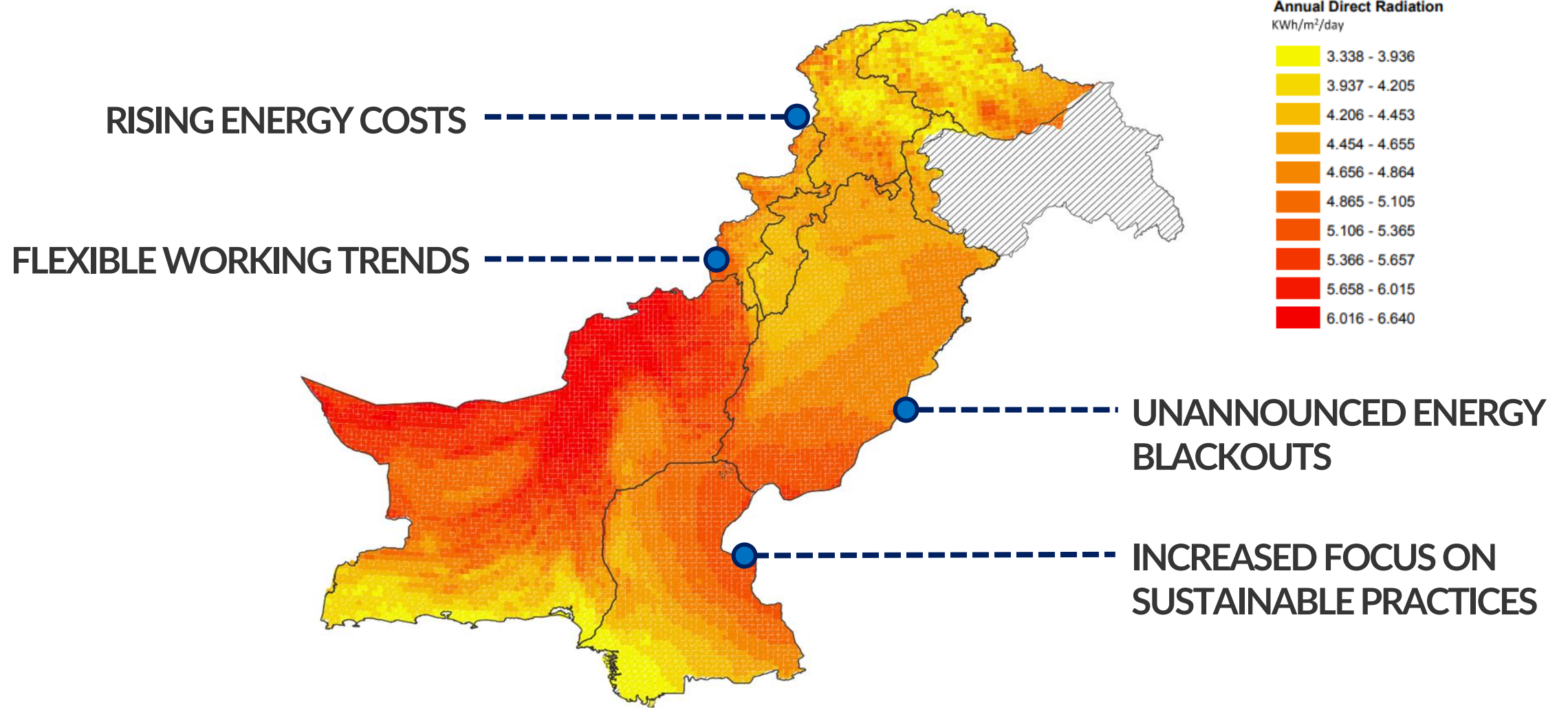
750 kW Rooftop Solar at Brighto
Paints, Pakistan



513 kW Ground Mounted Solar
at Mondelez Int. , Pakistan



Opportunities in Business Ecosystem



Solar Radiation Map-Pakistan

Utility of Battery Storage System

01



Battery Backup

Battery backup reduced productivity loss due to unannounced energy blackouts.

02



Peak Hour Management

C&Is can use stored solar energy units during peak hours, hence curbing their electricity bills.

03



Ability To Use Solar Energy At Night

Stored energy can be used at night creating a possibility for near 100% renewable energy usage

04

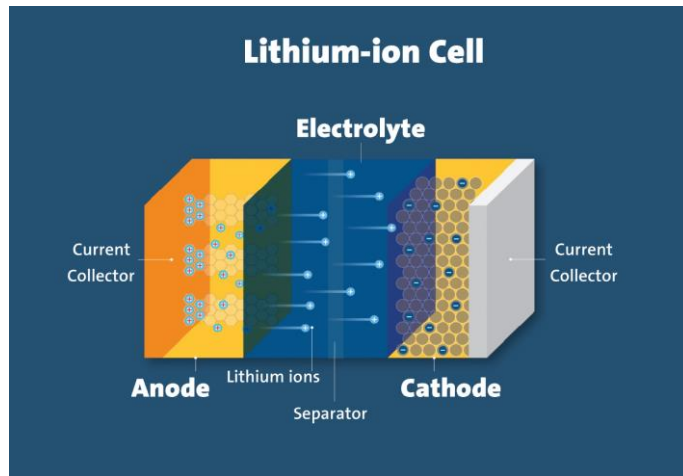


Reduction of Carbon Footprint

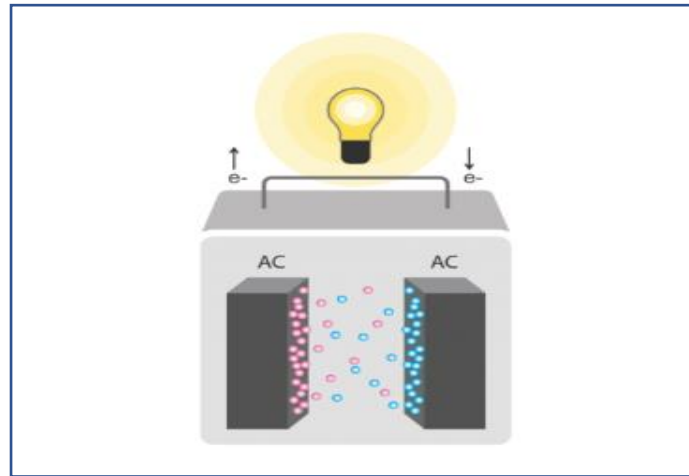
Battery Storage enables the deployment of increased solar capacity and flexible consumption of renewable energy

Types of Battery Technologies Available

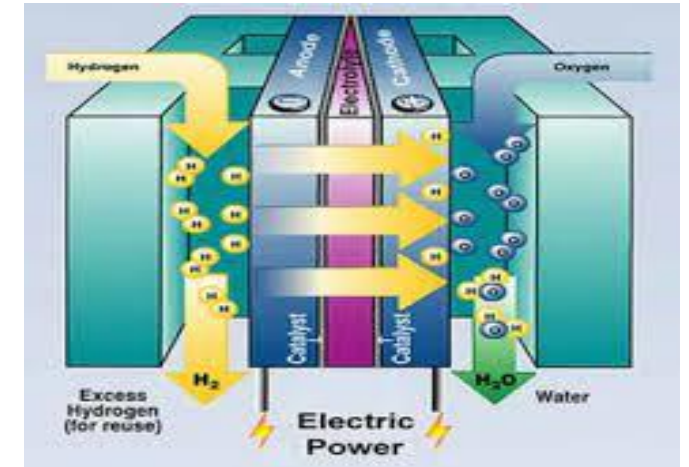
1 Lithium-ion battery



2 Supercapacitor

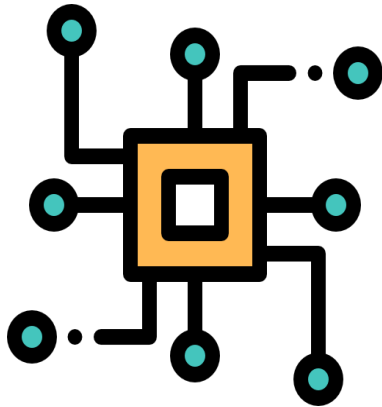


3 Hydrogen Fuel Cell



Limitations of Battery Storage System in Pakistan

HIGH COST OF
TECHNOLOGY



LACK OF
AFTER SALES SERVICE



WEAK PERFORMANCE
GUARANTEE



| Thank you

