





# ABOUT THE COMPANY

An Overview Industry Leadership Energy Platform



## **AN OVERVIEW**

Amplus Solar is India's leading owner and operator of distributed/rooftop solar assets for Commercial and Industrial Customers.

300+MW

Capacity

200+

**Projects** 

100+

**C&I Customers** 

250+

Dedicated Professionals

150+

Sales Network Across Asia



#### **PIONEERS**



First developer in India to be awarded rooftop debt financing by World Bank & ADB



175 mWp: India's Largest Open-Access Solar Park at Gadag, Karnataka; supplying power to 30+ customers



India's first tracker based Airport Solar Project at HAL Airport, Bengaluru



One-of-a-kind Battery Integrated Solar Plant with Energy Management System at a Toll Plaza



India's largest Rooftop Plant (OPEX with net metering) of 6.2 MW for Yamaha, Noida in 2016

#### **GROWTH STORY**



270% increase in capacity in 3 years



Customer base doubled from 2017 to 2018



Three-fold growth in Sales and Service network in the last year





## **AWARDS AND INDUSTRY ASSOCIATIONS**





## **AWARDS AND INDUSTRY ASSOCIATIONS**



Heading the FICCI Committee on Rooftop Solar interacting with MNRE on behalf of the industry



Member of the BRICS Business Forum representing India's views on distributed solar



Founding Member of India's first Distributed Generation Association



Member, Advisory Council, Renewable Energy World Conference



Member of the World Bank Consultation Group on rooftop solarfinancing



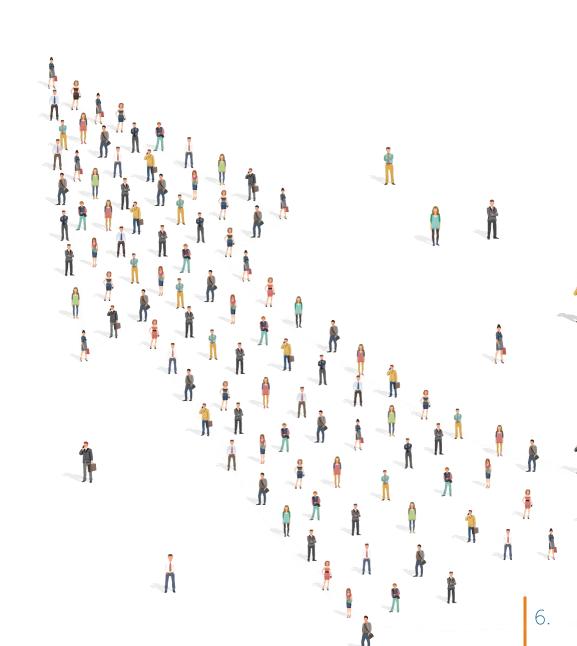
Member of India German Energy Forum (IGEF) representing Indian distributed solar industry



Active member of the CII Solar Initiatives



Active member in National Solar Energy Federation India





#### BACKED BY A LEADING INFRA FUND

Promoted by I SQUARED CAPITAL, a \$10.6 billion U.S. based PE Fund present in 15 countries; Offices in New York, Houston, London, Hong Kong, New Delhi and Singapore.

\$10.6<sub>Billion</sub>

Assets under Management

320 +

**Assets** 

**17** 

Portfolio Companies

Global Ofices

\$1.8<sub>Billion</sub>

Co-investments

90+

**Investment Professionals** 





## **BACKED BY A LEADING INFRA FUND**

I Squared: Globally diversified portfolio

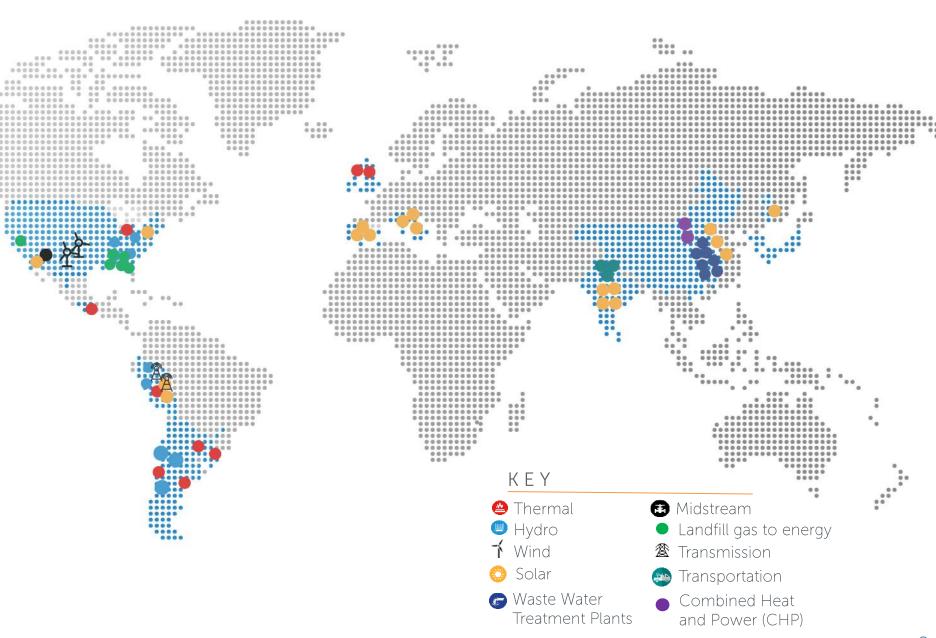
**SOLAR & WIND: 3,705+ MW** 

THERMAL: 3,330+ MW

GATHERING SYSTEMS: 354 kms

WATER TREATMENT: 237,500 MT per day

TOLL ROADS: 1,300 lane kms





## BUSINESS OFFERINGS

SPAAS Model

Rooftop (on-site) Solar

Open-Access (off-site) Solar

Battery Energy Storage Solutions

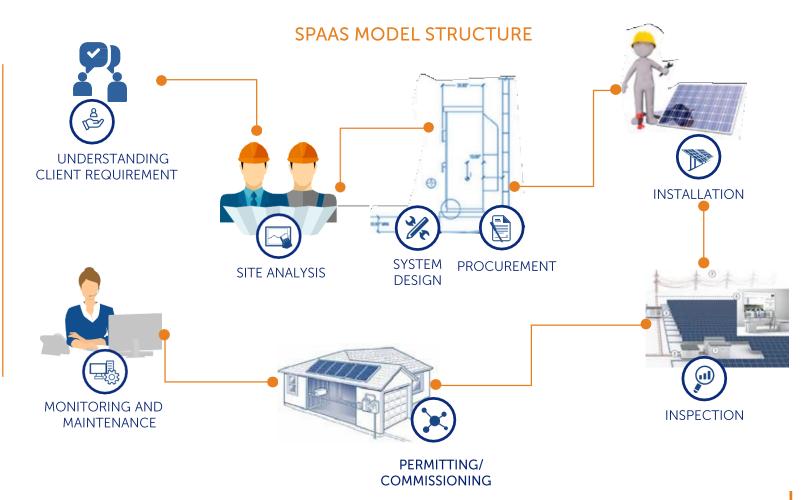


## **SOLAR POWER AS A SERVICE (SPAAS)**

Innovative value chain consisting of Engineering, Procurement, Construction, Delivery and Maintenance of Solar system.

### **Benefits of SPAAS**

- 1 ZERO INVESTMENT required from client
- 2 NO TECHO-FINANCIAL RISK for client
- GUARANTEED SAVINGS for every unit of solar electricity purchased
- 4 END-TO-END DELIVERY of solar plant
- HASSLE-FREE MAINTENANCE of plant ensuring high performance





## **ROOFTOP (ON-SITE) SOLAR**

Amplus funds and installs a rooftop solar power plant on customer's premises. Solutions are customized to suit customer's requirements and include carports, superstructure etc.

## **The Process**

01

Customer signs a longterm Power Purchase Agreement ("PPA") with Amplus 02

Amplus invests 100% of the capital required for the project

03

Amplus procures, installs, commissions & maintains the solar plant



The Solar tariff is lower than the prevailing grid tariff, leading to significant savings for each unit of electricity purchased from Amplus throughout the PPA.



## **AMPLUS ROOFTOP (ON-SITE) PLANTS**







## **OPEN-ACCESS (OFF-SITE) PROJECTS**

Amplus installs large scale solar plants at a location away from customer site and wheels electricity to the client using state-owned transmission network.

#### The Process

#### 01

Amplus procures, installs commissions and maintains the solar plant located away from premises

#### 02

Customer signs a longterm Power Purchase Agreement ("PPA") with Amplus

#### 03

Amplus sells the power to customers by wheeling electricity through state-owned transmission network



The Solar tariff is lower than the prevailing grid tariff, leading to significant savings for each unit of electricity purchased from Amplus throughout the PPA



## **AMPLUS OPEN-ACCESS (OFF-SITE) SOLAR PLANTS**











#### **BATTERY ENERGY STORAGE SOLUTIONS**

Amplus helps customers manage the energy consumption through its customised energy eficiency solutions and battery energy storage solutions.

How these solutions are beneficial

- 1 Supplement low contract demand
- 2 Flexible power supply
- 3 Increase reliability

4 Back up power

5 Reduce energy charges or reduce demand charges

#### **The Process**

01

Customer signs a longterm Power Purchase Agreement ("PPA") with Amplus 02

Amplus studies, designs, procures, constructs, and maintains energy storage solutions at customer facility



The BESS tariff will offer significant savings compared to the combined cost of electricity from DG + grid, throughout the PPA.



## WHAT SETS AMPLUS APART?

Project Design Capabilities
In-House Operation & Remote Monitoring
Credit-Worthy Customers



### PROJECT DESIGN CAPABILITIES

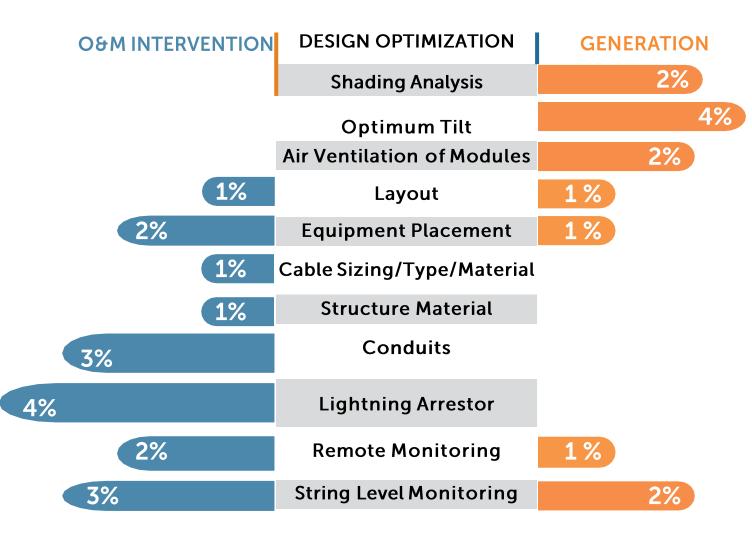
Amplus has optimized generation through development of proprietary designs over time. Our design modification vis a vis industry standard produces higher generation and a better performance ratio.



#### **High Quality Components**

Use of Tier 1 component suppliers, thereby ensuring high system reliability.





Represents increase in generation

Represents reduction in man-hours in O&M intervention



### IN-HOUSE OPERATIONS & REMOTE MONITORING

- Real-time alerts based on Data Evaluation of operational decisions like Cleaning Frequency
- Pioneers in dedicated state-of-the-art Remote Monitoring System with IoT infrastructure
- String level Data Monitoring, thereby Assured Zero Downtime
- Competitive advantage in Asset management and dedicated Inhouse Analytics

In-House Remote Monitoring & SCADA system











### **CREDIT-WORTHY CUSTOMERS**

## With over 100+ CLIENTS, Amplus caters to renowned Indian and multinational firms.



Automotive and Locomotives
Defence
FMCGand Consumer Durables
Retail
Manufacturing
Government and Private Institutions
Pharma, Hospitals and Healthcare
Real Estate and Housing Societies
Educational Institutions
IT and Technology























































































#### **MANAGEMENT TEAM**

#### Dedicated distributed solar company run by industry experts, engineers and management professionals



SANJEEV AGGARWAL, Managing Director & CEO



GURU INDER SINGH, COO



SACHIN BAJAJ, Finance and Accounts



ANIL BHAT
Business Development
- Rooftop



SHARAD PUNGALIA,
Business Development
- Open Access



BIRJENDRA SANGWAIYA, International Business



THOMAS MATHEW, Key Customers Lead



RITU LAL, Institutional Relations



ABHISHEK GOYAL, Capital & Risk Management



OJASVI GUPTA, Project Finance



DILIP MEHTA, Projects - Delivery



SUTHAGAR SANTHANAM, Projects - Construction



VIKAS SAREEN, Projects – Engineering Design



TANVIR SINGH, New Products



SAUMYA SINHA, Human Resource



RASHMI SHRINGI, Quality



MAKARDHWAJ PATRA, Safety



MAITHILY SARKAR, Branding & Marketing



MAYURI VATS Legal



ALOK VERMA
Policy and Regulatory



## **CONTRIBUTING TO SUSTAINABILITY**



#### 4682 Million KWH

**Production of units** Equivalent to >> of electricity



## 1.68 Million metric tonnes

Reduction in carbon emissions



Certified by: Solar Research Institute of Singapore (SERIS)

Amplus has partnered with SERIS to conduct environmental assessment of it's plants







## THANK YOU

#### **CONTACT DETAILS:**

Level 6, Emaar MGF The Palm Square Golf Course Extension Road, Sector 66, Gurgaon 122102, Haryana, India. T: 0124 – 4554999

Sales Tollfree: 1800-3070-8080

Ground Floor, Fern Bank, #3 Rest House Road, Bengaluru – 560001. Karnataka, India T:080 – 61314343 Jafza View 18 & 19, 1st Floor, Jebel Ali Free Zone, PO Box 262746, Dubai, UAE. Ph: +971 502097245

contact@amplussolar.com

www.amplussolar.com

www.facebook.com/amplusenergy

www.twitter.com/amplussolar