



# KALPA POWER

**MAKING POWER MORE RELIABLE  
AFFORDABLE & ENVIRONMENT FRIENDLY**

[www.kalpapower.com](http://www.kalpapower.com)

# About Kalpa Power



## Inception 2017

*Exploring the Depths of Imagination*



## 200+ Work Force

*Empowering Teams for Success*



## 270+ MWp

*Contracted capacity since inception*



## 100+ MWp

*Ongoing projects*



## 300+ MWp

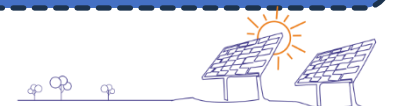
*Assets under maintenance*



## 300+ Satisfied Customer

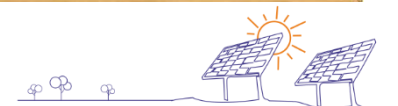
*Exceeding Expectations Every Time*

Kalpa Power Pvt. Ltd. is a leading turnkey solution provider of solar power generation systems. We design & install solar power systems for businesses to help reduce their energy bills, sustain the quality of their environment, & shape the future of energy production & conservation.

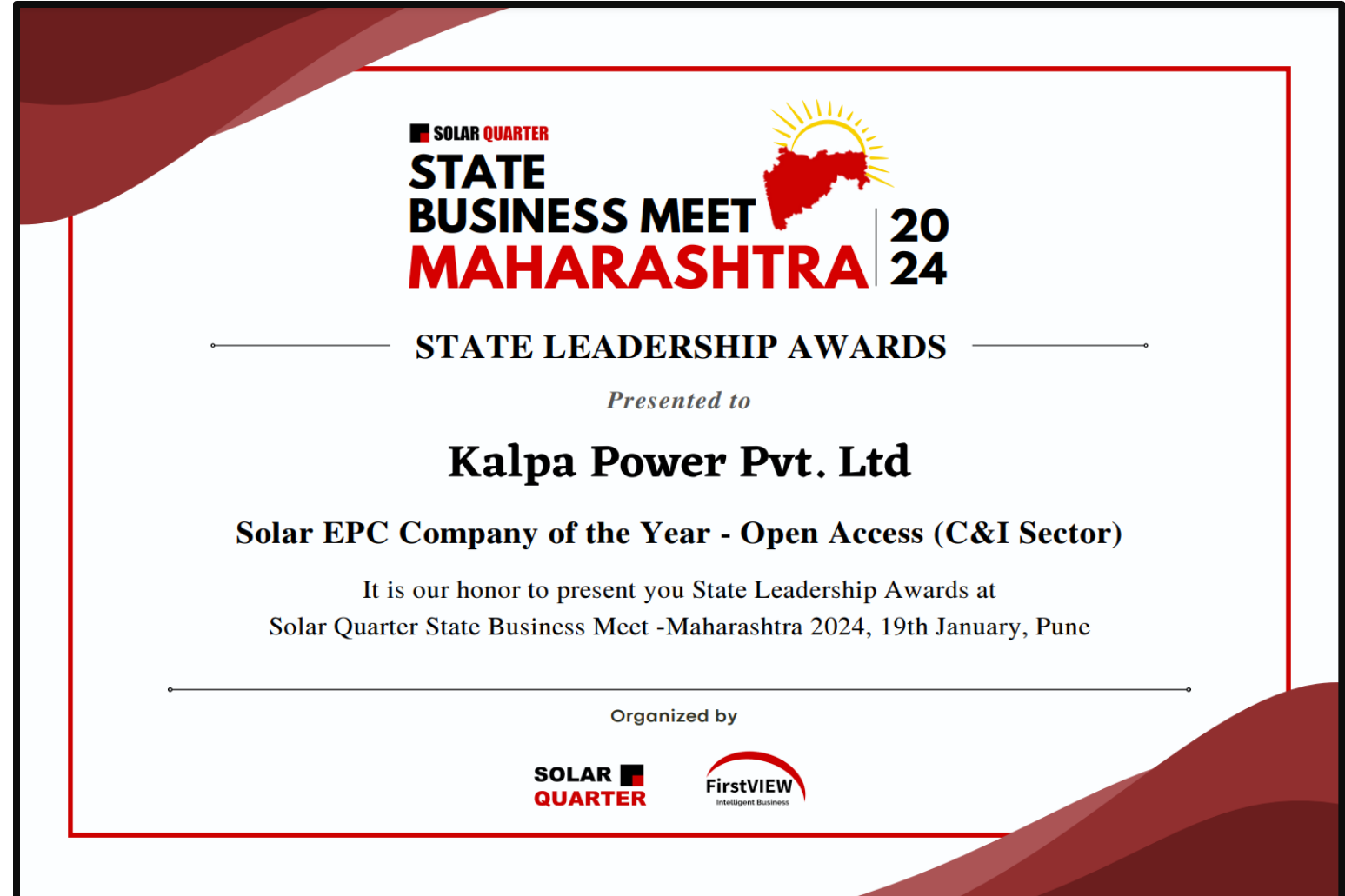




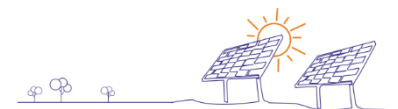
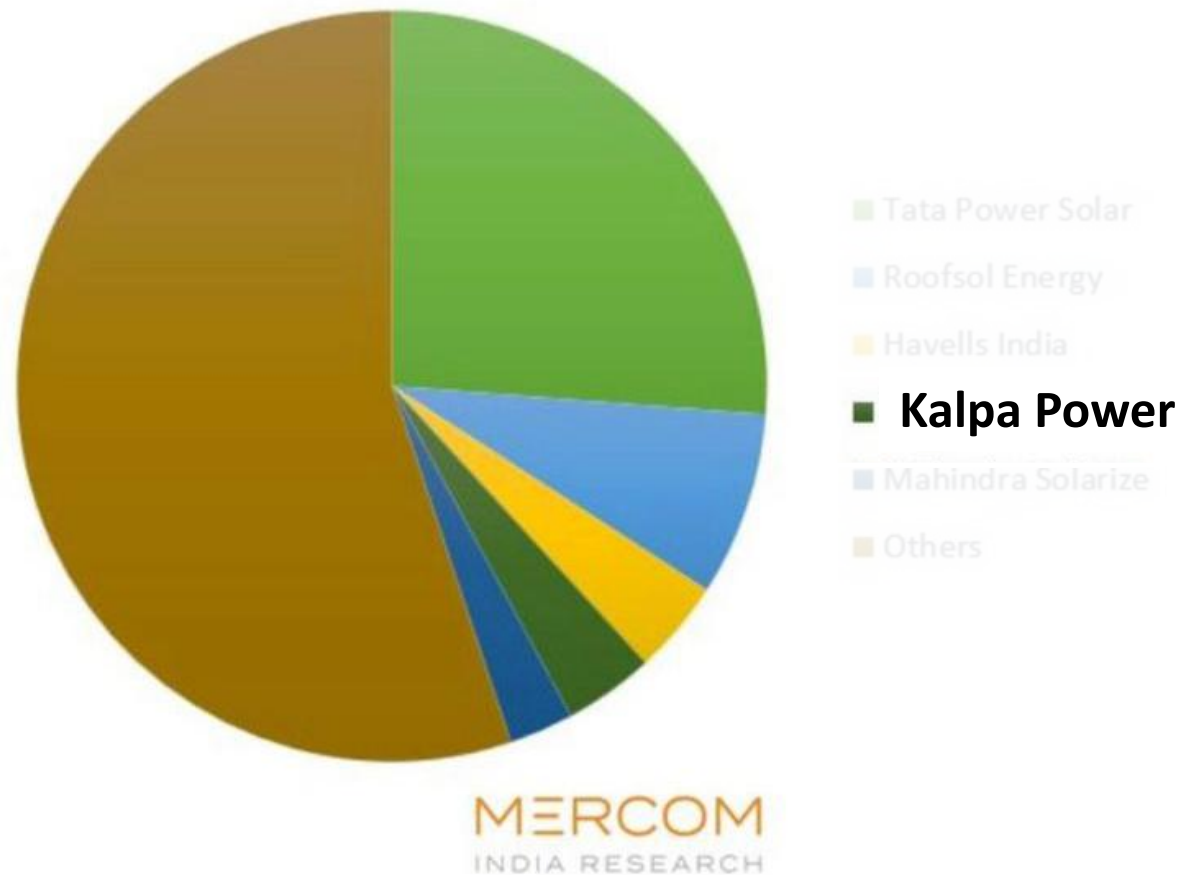
# Awards & Testimonials



# Awards & Testimonials



We are amongst  
**The Top 5 Solar Installers in India for 1H 2024**

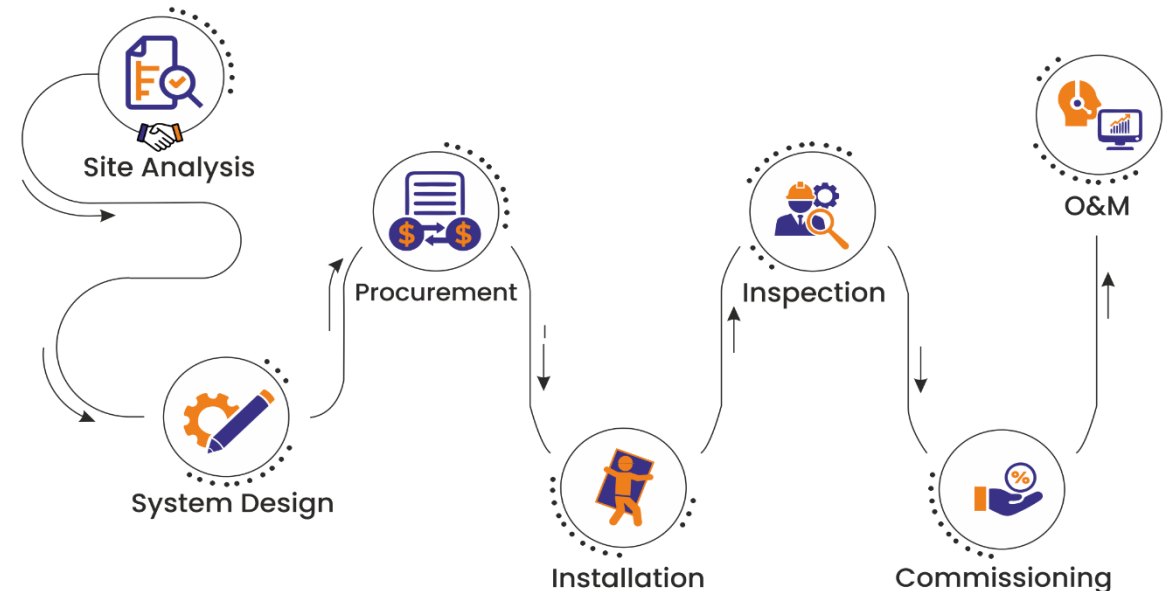
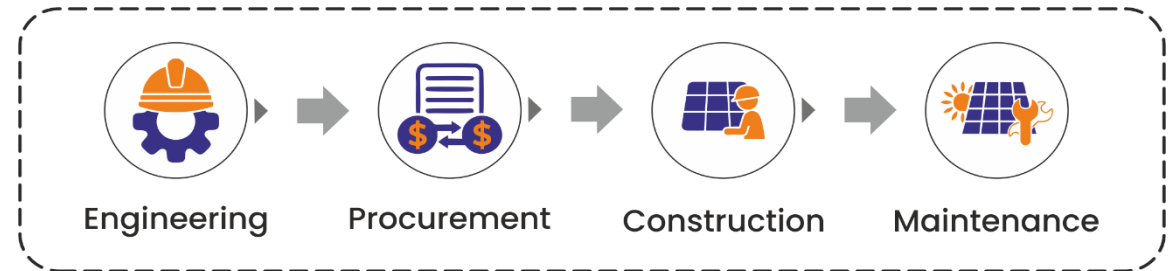


# Solar as a Service

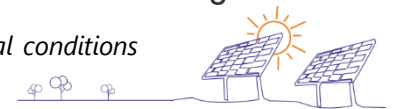
Fully comprehensive value chain, design, procurement, installation, project management, commissioning, maintenance and monitoring solution provided by Kalpa.

## Benefits of Kalpa

- 1 Guaranteed Performance Ratio (PR\*)
- 2 Detailed Techno-commercial analysis.
- 3 Guaranteed energy savings
- 4 Zero initial investment scheme.
- 5 Efficient and hassle-free O&M.



\* - PR varies from site-to-site based on environmental and operational conditions



# Kalpa Power Offerings



Expert planning, implementation, and optimization of sustainable energy infrastructure projects tailored to your needs

## Infrastructure Management

DEMAND



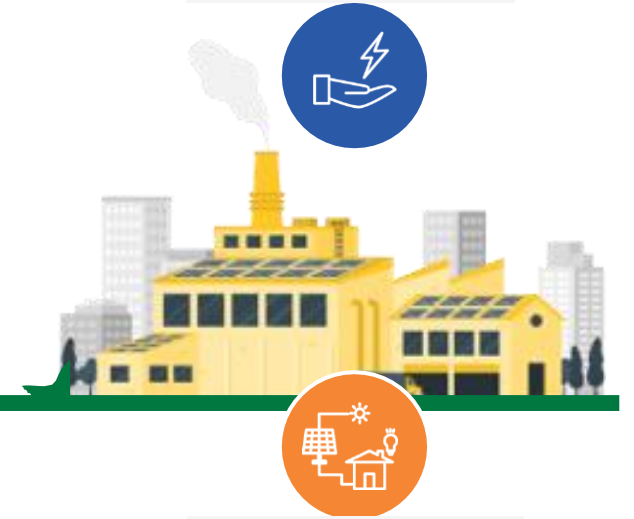
Transition using renewable energy & minimize environmental impact in a measured manner and reduce carbon footprint.

## Sustainable Development Goals



Customized solutions to minimize energy wastage and lower operational expenses.

## Energy Efficiency



SUPPLY

## Off Site (Open Access)

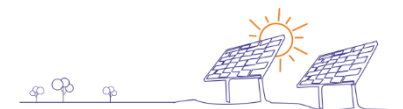
Access renewable energy without on-site installation through our off-site solar solutions, offering convenient and reliable clean energy procurement.

## Asset Management

Transition to renewable energy sources and minimize environmental impact through clean energy solutions

## On Site (Rooftop)

Access renewable energy through power generation at on-site locations, offering convenient and reliable clean energy procurement on the roof.





# Kalpa Offering – CAPEX model

## 1 Turnkey solution

Kalpa engineers, procures, installs, commissions & maintains the solar plant located in your premises.

## 2 Capital Investment

Client invests 100% of the capital required.

## 3 Returns over investment

**Lifetime of the project:** 20-25 years.

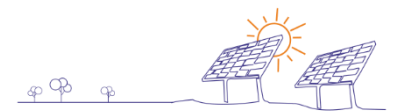
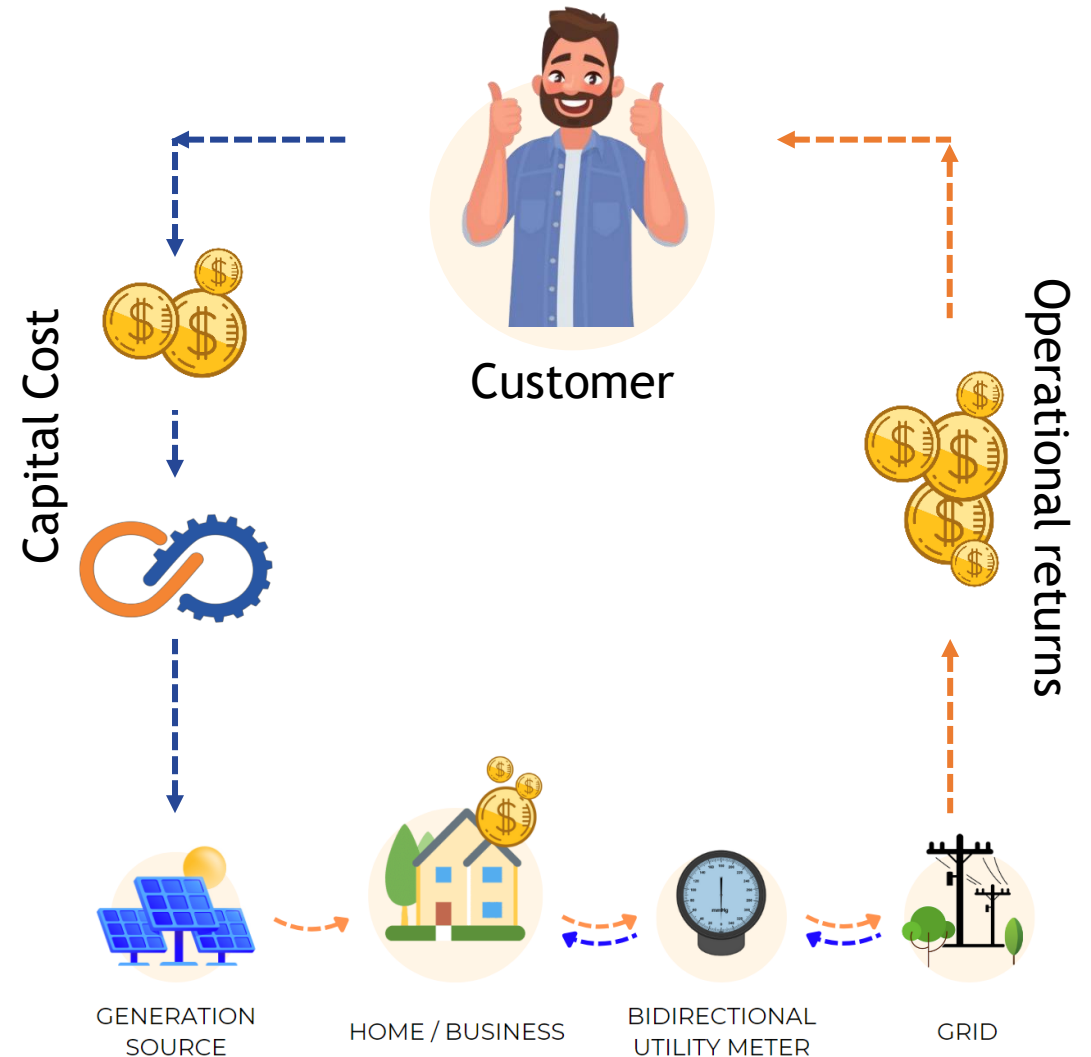
**LCOE:** less than 2.5 INR/unit.

## 4 Guaranteed returns

Kalpa provides detailed assessment of generation and hence the returns can be assured

## 5 Customized solutions with Predicted generation

Kalpa provides optimized solutions for all types of ground mounted and roof-top solar plants along with net-metering system.





# Kalpa Offering – OPEX model

## 1 Turnkey solution

Kalpa engineers, procures, installs, commissions & maintains the solar plant located in your premises.

## 2 Capital Investment via PPA

Kalpa invests 100% of the capital required.

## 3 Returns over investment

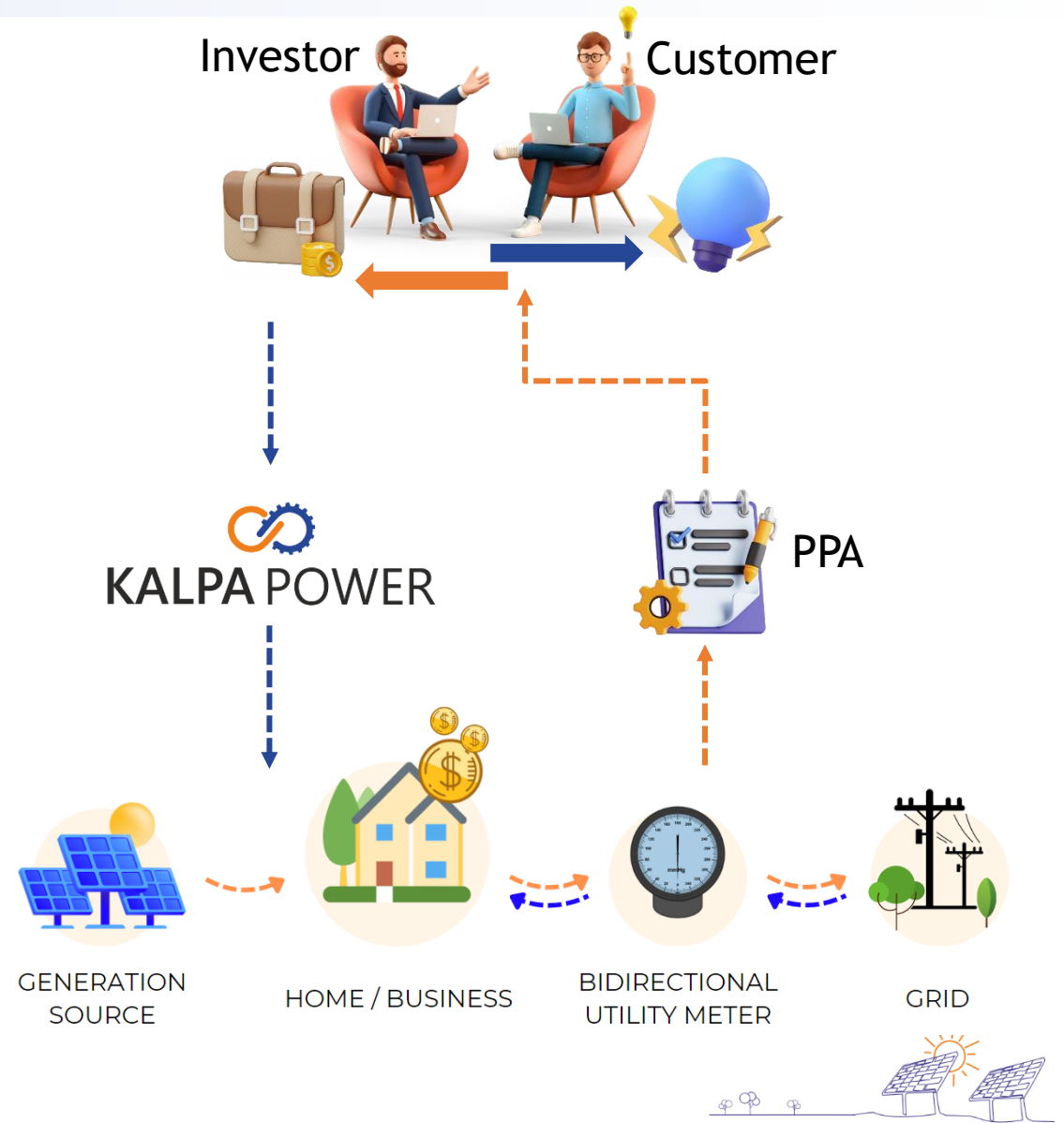
**Lifetime of the project:** 25 years.

## 4 Kalpa assurance on PPA and O&M

Kalpa makes sure that the PPA is attended to under all circumstances. Also, Kalpa ensures the plant is monitored well within the warranty period.

## 5 Guaranteed returns with tailor-made solutions using predicted generation

Kalpa provides in details assessment of generation and hence the returns can be assured.



# Kalpa Offering – O&M model

## 1 Real time visibility of plant metrics

Intuitive web and mobile dashboards for performance monitoring and portfolio management.

## 2 Reduced losses and downtime

Corrective and Predictive maintenance insights and real-time alerts to reduce system downtime.

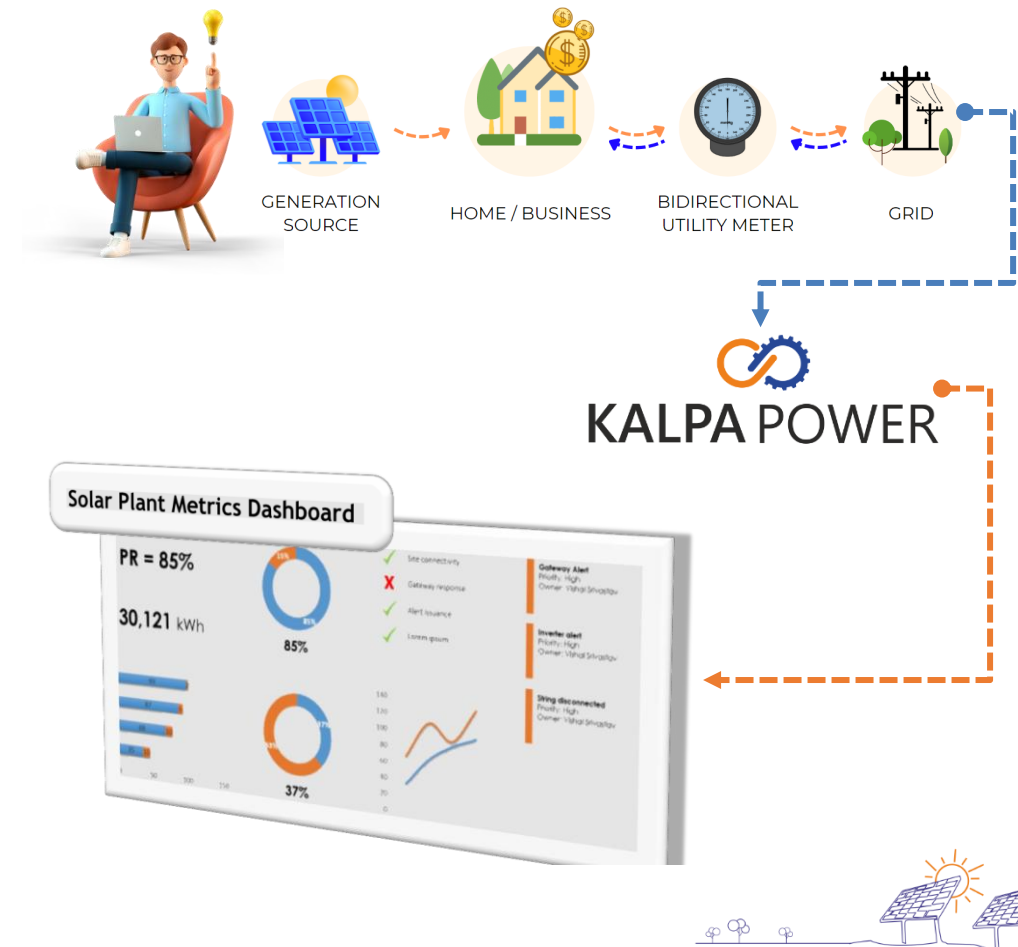
## 3 Easy and efficient O&M operations

Integrated ticketing system with SLA management.

## 4 Alerts | Alarms | Event logs | Reports | Charts

Automated / Customized report generation & delivery.

### Web-based (IoT) Solar Monitoring System **Measure | Monitor | Manage | Maximise**



# Kalpa Offering – Open Access Solar Plant

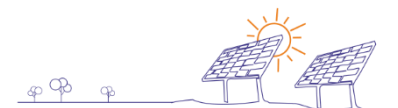
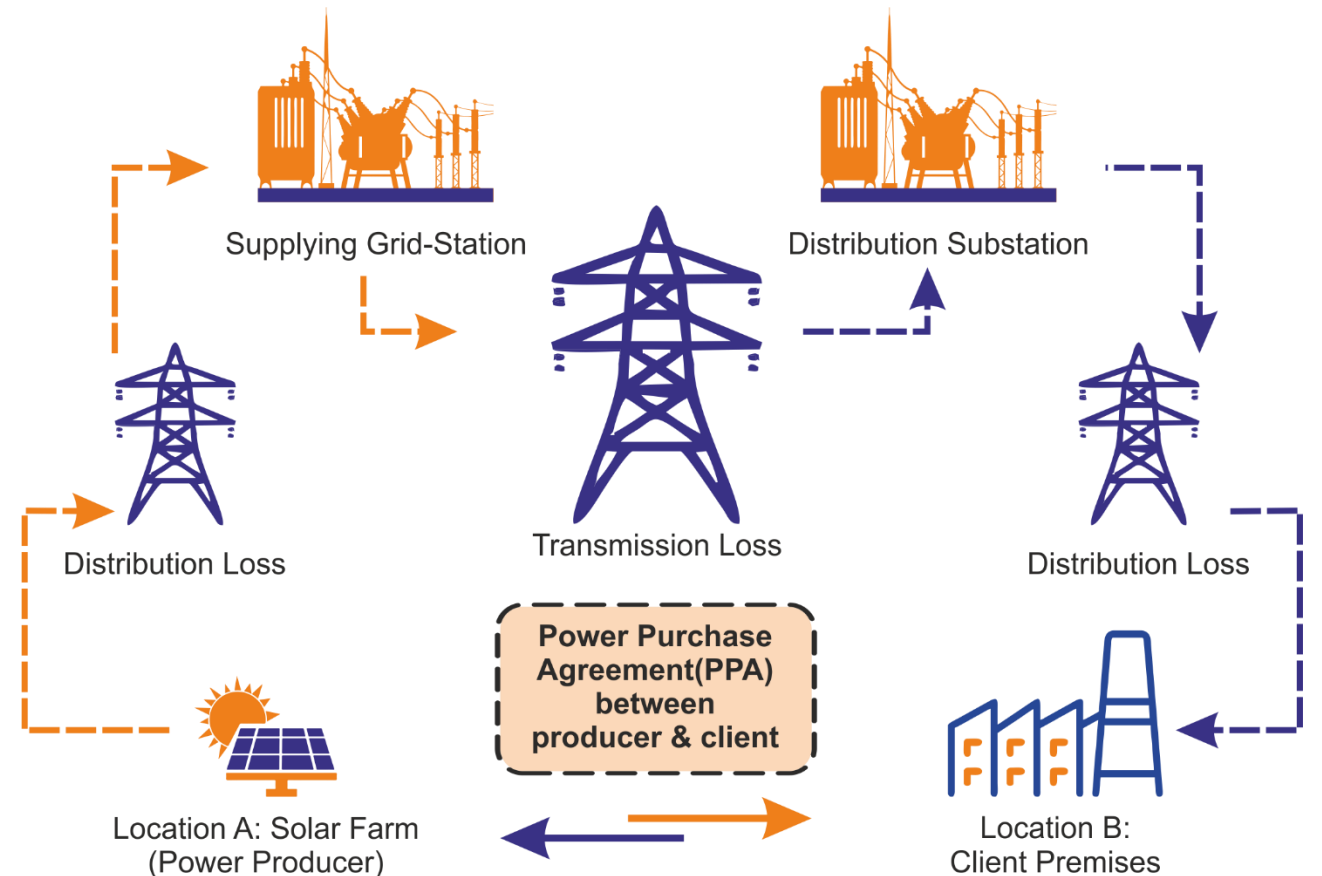
Open access allows large industries to directly procure clean power from independent power producer

## 1 System includes:

- ✓ Land
- ✓ Transmission line
- ✓ Turnkey Solar System

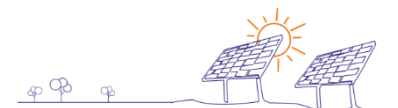
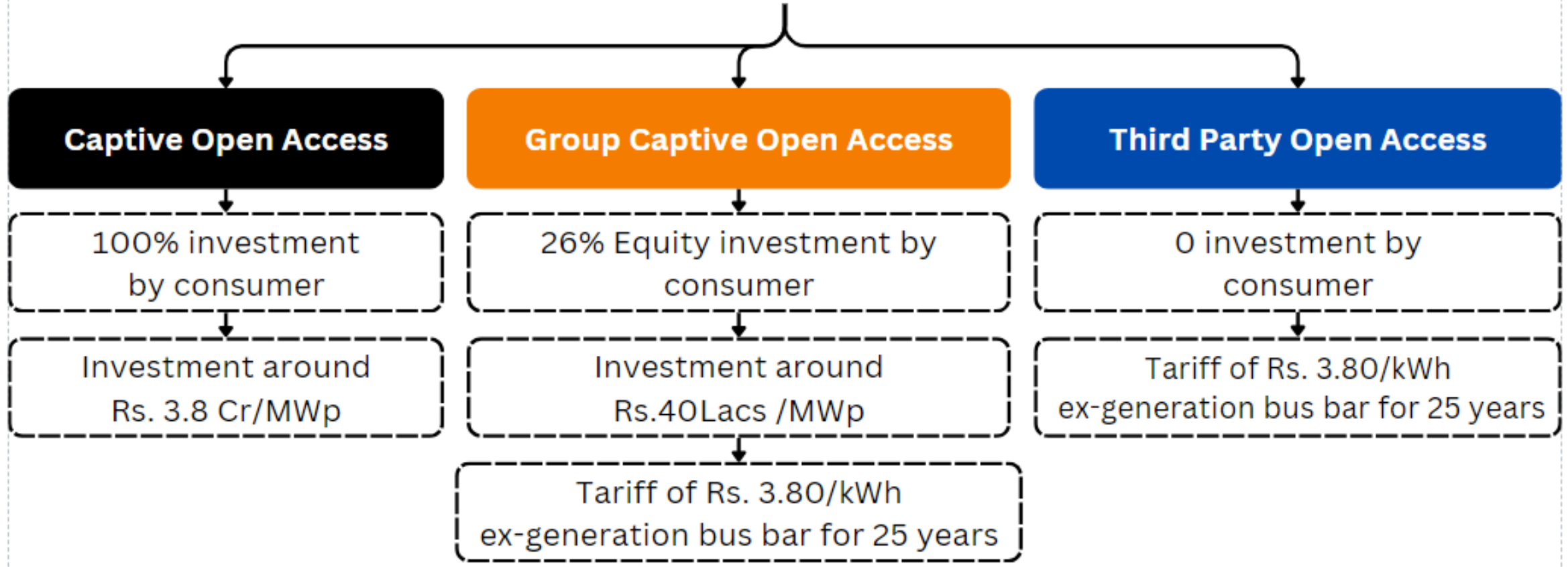
## 2 Key considerations for Buyers:

- a Contract demand must be > 1 MW
- b Sign bulk power Transmission/Wheeling agreements with state nodal agencies & DISCOMS
- c T & D Losses subject to connectivity voltage of consumer
- d Cross Subsidy surcharge waived off for captive OA



# Types of Open Access (Off site) Solar Project

## OPEN ACCESS (OFF SITE) SOLAR PROJECT





# Open Access Charges in Maharashtra

Sr No.	Type of charges	Charges	Captive Open Access	Group Captive Open Access	Third Party Open Access
01	Transmission charges	Rs. 0.49/kWh x 2	✓	✓	✓
02	Wheeling charges	Rs. 0.60/kWh	✓	✓	✓
03	Additional Surcharge	Rs. 1.39/kWh	✗	✗	✓
04	Cross Subsidy Surcharge	Rs. 1.79/kWh	✗	✗	✓
05	Operating Charges (< = 5MW Capacity)	Rs. 15,450/month	✓	✓	✓
06	Operating Charges (> 5MW Capacity)	Rs. 29,500/month	✓	✓	✓



# Computation of Landed Cost of Electricity

Sr. No.	Details	Unit	Captive	Group Captive	Third Party
1	Voltage	kV	33/22/11	33	33
2	Solar cost per unit @ Generation Bus Bar	Rs. / kWh	-	₹ 4.50	₹ 4.50
3	Solar Generation Capacity	KWp	2.00	2.00	2.00
4	CUF	%	17.69%	17.69%	17.69%
5	Solar Supplied unit at Generation Bus Bar	kWh (F)	3,100,000	3,100,000	3,100,000
6	Less: Wheeling Loss	kWh	232,500	232,500	232,500
7	Less: State Transmission Loss	kWh	98,580	98,580	98,580
8	Quantum at buyer's periphery	kWh (G)	2,768,920	2,768,920	2,713,542
9	Add: Wheeling Charge (₹ 0.60/kWh)	(A)	1,860,000	₹ 1,860,000	₹ 1,860,000
10	Add: State Transmission Charge (₹ 0.98/kWh)	(B)	2,713,542	₹ 2,713,542	₹ 2,713,542
11	Add: Cross Subsidy Surcharge (₹ 1.68/kWh)	(C)	₹ -	₹ -	₹ 4,741,820
12	Add: Additional Surcharge(₹ 1.33/kWh)	(D)	₹ -	₹ -	₹ 3,753,941
13	Add: Operating Charge (₹ 15,450)	(E)	185,400	₹ 185,400	₹ 185,400
14	Total Charges	(H) = (A+B+C+D+E)	4,758,942	₹ 4,758,942	₹ 13,254,703
15	Total Charges / unit	(I) = (H/G)	1.72	₹ 1.72	₹ 4.79
16	Landed Cost of Power	Rs./ kWh	1.72	₹ 6.22	₹ 9.29



# Our Open Access Parks

## Solar Park: 1

### OSMANABAD



**Tal:** Omerga  
**Dist:** Dharashiv

Location:

**Capacity:** 20 MW/28 MWp



## Solar Park: 2

### DHAMANGAON



**Tal:** Dhamangaon  
**Dist:** Amravati

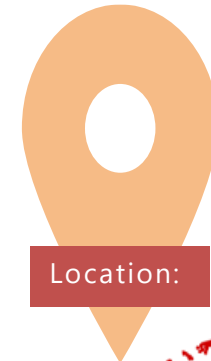
Location:

**Capacity:** 20 MW/28 MWp



## Solar Park: 3

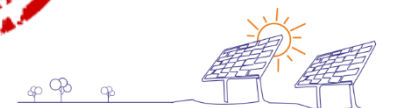
### MALKAPUR



**Tal:** Malkapur  
**Dist:** Buldhana

Location:

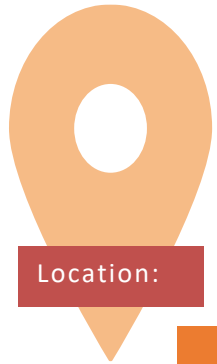
**Capacity:** 30 MW/42 MWp



# Our Open Access Parks

## Solar Park: 4

### TAMSA



**Tal:** Tamsa  
**Dist:** Nanded

Location:

**Capacity:** 20 MW/28 MWp

**Balance:** 7.7 MW

## Solar Park: 5

### SANKH



**Tal:** Jat  
**Dist:** Sangli

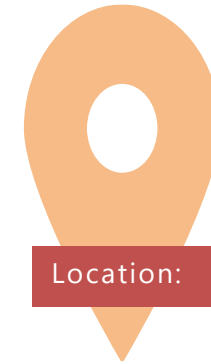
Location:

**Capacity:** 20 MW/28 MWp

**Balance:** 10 MW

## Solar Park: 6

### RISOD



**Tal:** Risod  
**Dist:** Washim

Location:

**Capacity:** 50 MW/70 MWp

**Balance:** 38 MW

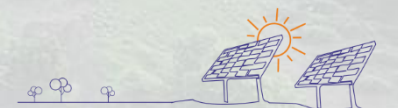




# Glimpse of Open Access Park - 1



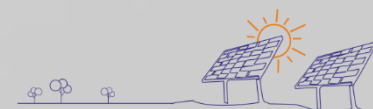
CLICK TO PLAY VIDEO



# Glimpse of Open Access Park - 2



CLICK TO PLAY VIDEO







CAPACITY  
**3.25 MWp**

**Dodhia Chem Tex Pvt Ltd**

**JM Industries**

CAPACITY  
**1.41 MWp**

**ADM Joinflex Pvt Ltd**

CAPACITY  
**2.50 MWp**

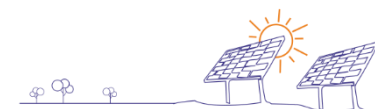
**Yash Metallics Pvt Ltd**

CAPACITY  
**7.50 MWp**





# Kalpa Projects – Rooftop





# Kalpa Projects – Ground Mount



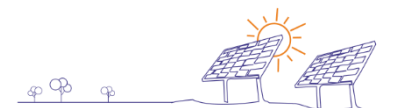
**BHADLI – 6.00 MWp**



**KASBE DIGRAJ – 4.50 MWp**

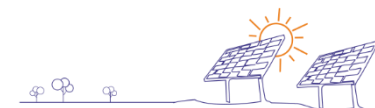


**ANSARWADA – 3.50 MWp**



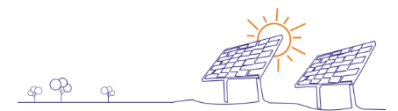


# Kalpa Projects – RCC mounted





# Kalpa Projects – Carport





# Kalpa's Presence



1 MAHARASHTRA

3 TAMIL NADU

5 TELANGANA

7 UTTAR PRADESH

9 RAJASTHAN

11 CHATTISGARH

13 DADRA & NAGAR HAVELI

2 KARNATAKA

4 ANDHRA PRADESH

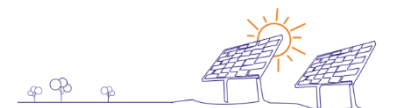
6 MADHYA PRADESH

8 HARYANA

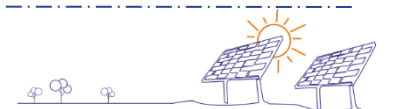
10 GUJARAT

12 CHANDIGARH

14 DAMAN



# Clientele Across Globe



# Thank you!



[www.kalpapower.com](http://www.kalpapower.com)



## KALPA POWER

### Head Office:

A605/606, Amar Business Zone, Baner,  
Pune, Maharashtra - 411045

**Landline No.:** 020 - 69117600

**Email:** [sales@kalpapower.com](mailto:sales@kalpapower.com)

**Website:** [www.kalpapower.com](http://www.kalpapower.com)

