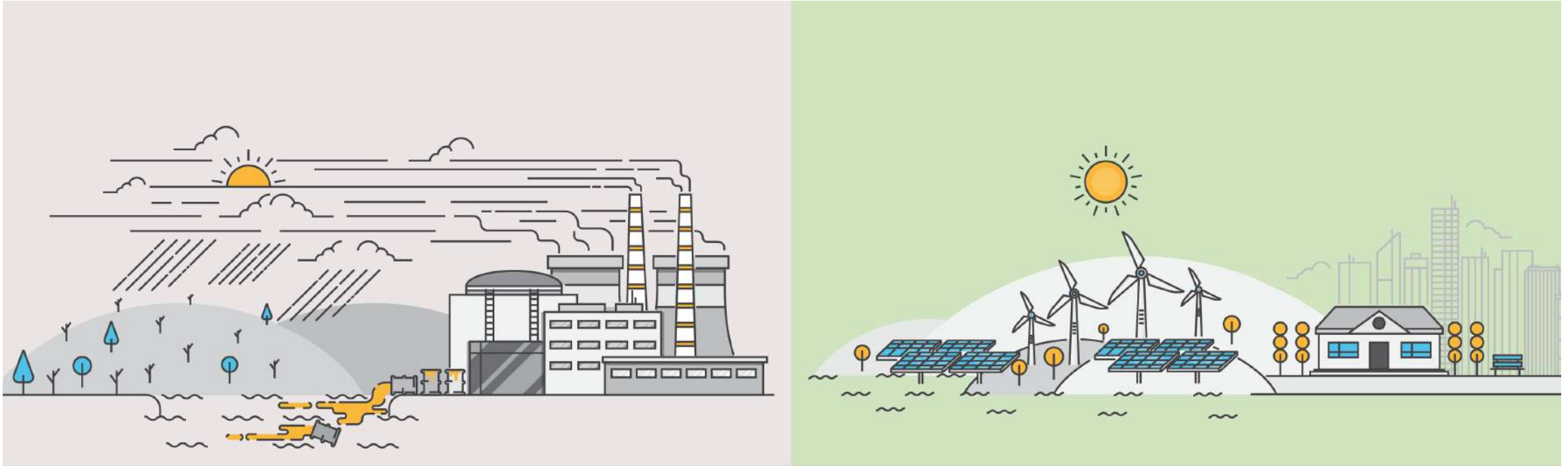




COMPANY PROFILE

ENERGIZING FUTURE

CLIMATE CHANGE : Winds of Transition in Global Energy



POLLUTION ENERGY
FINITE SOURCES

CLEAN ENERGY
RENEWABLE SOURCES

Solark's aim is to create a **scalable and positive impact on climate change in India and around the globe.**



60

Years of Experienced Team



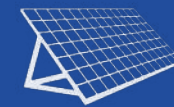
200+ Acres, 10+

Million Square Feet Portfolio Of Already Developed Prime Real estate



300MW+

Ground mount Project Executed and commissioned



10MW+

Rooftop Solar Projects Already Executed and commissioned



Why Solark?

Solark InfraSolutions is a renewable energy infrastructure, real estate and techno-solutions business startup aiming to fight climate change by playing a vital role in the broader systemic changes that India will undergo in the transition towards achieving its respective net zero emissions targets by **2070** as announced by our honorable Prime Minister **Narendra Modi**.



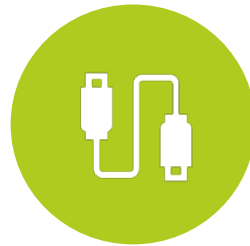
Focusing on the Future |
Integrated Renewable Techno Infra-Solutions Vision



**Renewable
Energy Parks**



**Battery
Storage**



**Urban EV Charging
Infrastructure**



**Green
Hydrogen**



**Green Data
Centers**

■ Backed By

SNS Developers

SNS Developers is a privately owned leading real estate investment, development, and management firm in India established in 1983 with developed landmarks stretched across 14 million square feet. SNS Developers has ISO 9001:2008 Certification and is a member of Indian Green Building Council.

SACH Electro Mech

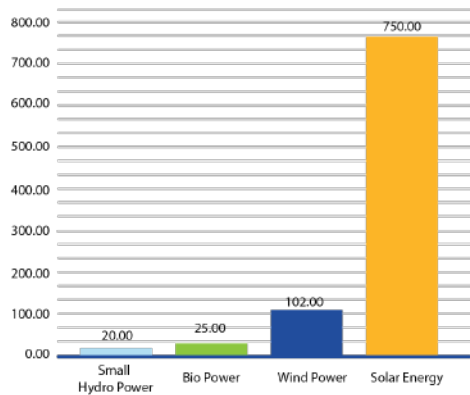
SACH ELECTROMECH is a private limited corporation with core expertise in electrical infrastructure EPC and O&M in the fields of Oil and Gas, Renewable power, and Real Estate development since 1983. SACH has executed 300MW Plus Ground mounted projects and is a MNRE certified company. SACH ELECTROMECH is an ISO: 9001-2015 and OHSAS: 18001-2007 Certified Company.



RENEWABLE ENERGY PARKS

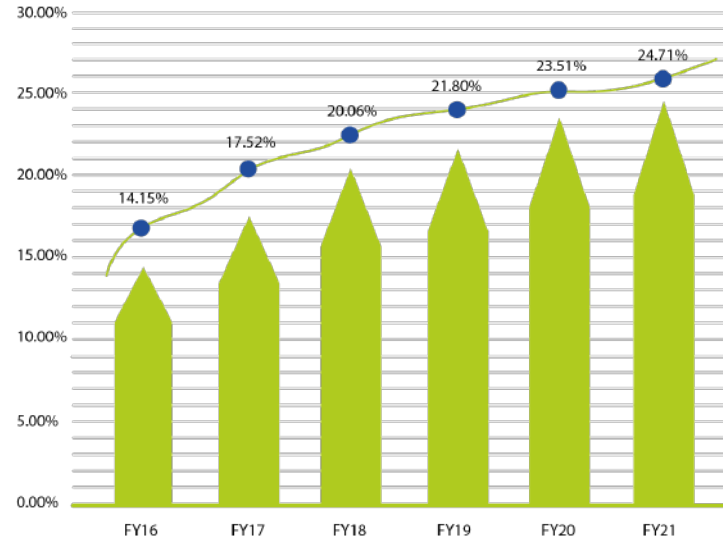
INDIA : Moving towards Renewable Energy Sources

INDIA will fulfill **50%** of its prevailing power needs by renewable sources by **2040**.



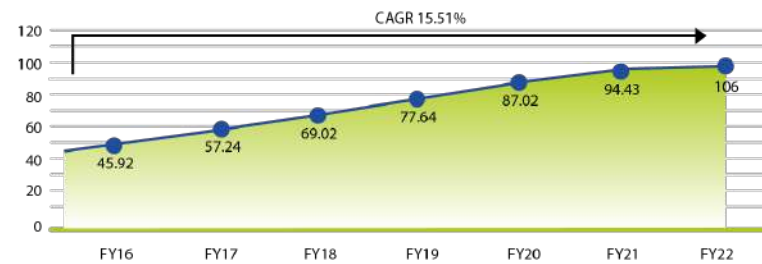
Renewable Energy Potential in India

Source: IBEF, July 2021



RES (excluding large hydro) as a percentage of total installed capacity (%)

Source: IBEF, July 2021



Installed Renewable Energy1 Capacity2 (GW)

Source: IBEF, July 2021

Tailwinds



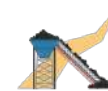
Extreme Pollution - Seven Cities of India are part of the World's Top 10 most populated cities



Mitigate **Global temperature Rise** by the estimated 1.5 Degree Celsius



Bridging the Gap between electricity **demand vs electricity production**



Rising Coal **prices** and **shortages** of raw material

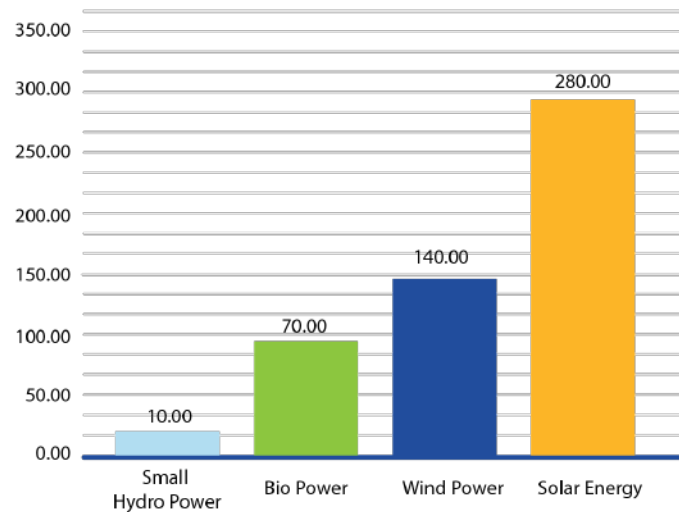


Sustainable Future for Future Generations

The Future Potential of Renewable Energy in INDIA

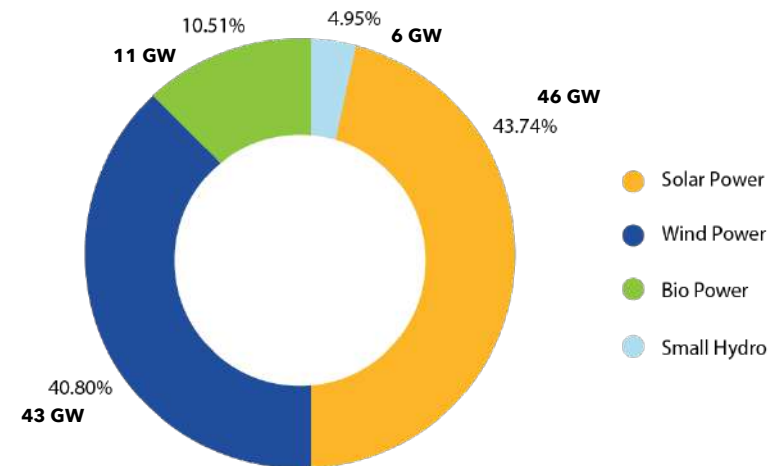
INDIA has committed to produce **500GW** energy through **RENEWABLE** sources till **2030**.

As of Feb 2022, cumulative installed **RENEWABLE** energy capacity is **106 GW**.



Mission 500GW Break-Up

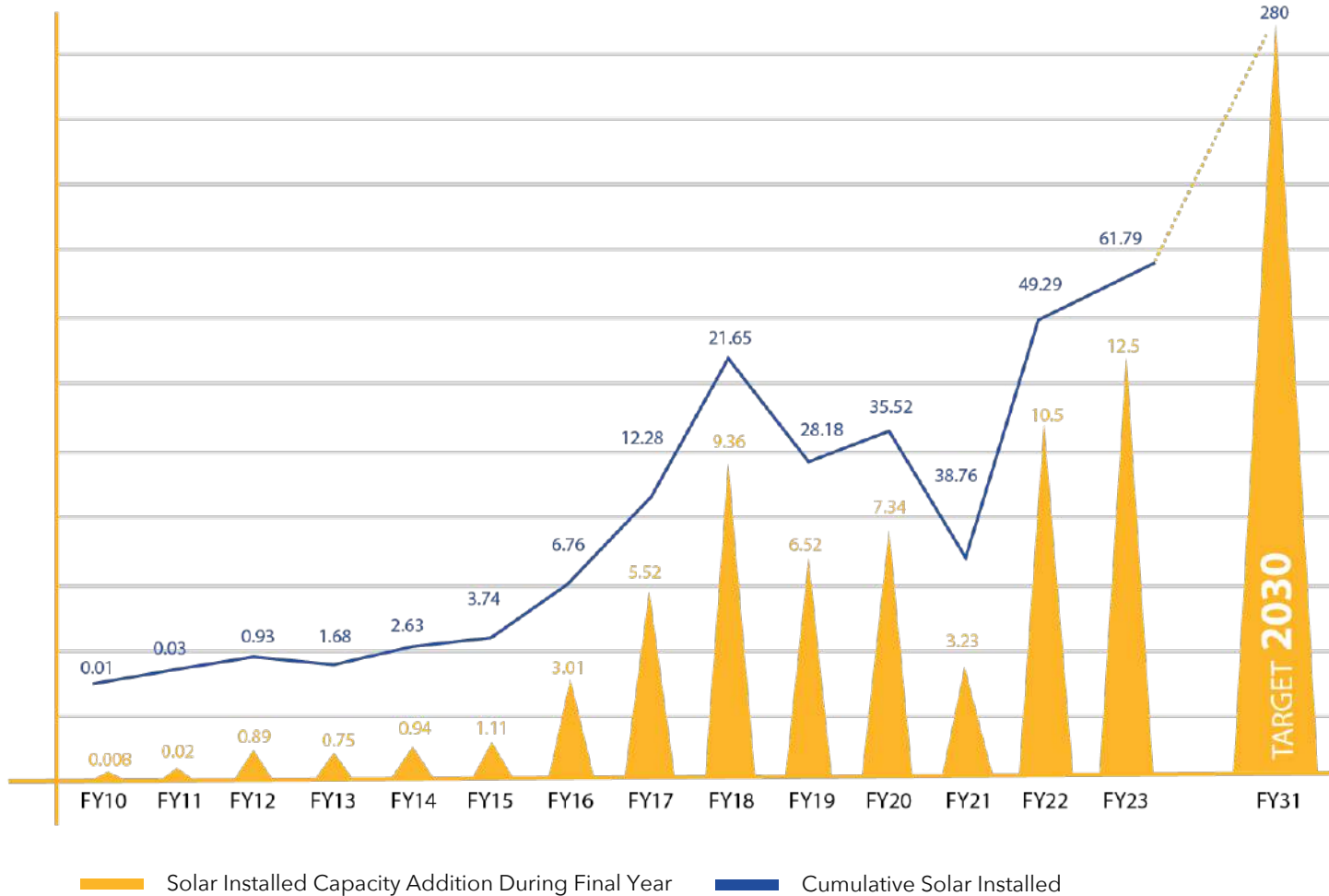
Source: 'India set up ' Mission 500 GW' panel to realise its 2030 target, CarbonCopy, December 17,2021



Installed Renewable Capacity Breakup - June 2021

Source: Ministry of New and Renewable Energy (MNRE), IBEF, July 2021

Solar Power Revolution



Source: Ministry of New and Renewable Energy (MNRE), IBEF

Tailwinds



India has a Strategic **Geographical Benefit** of one of the highest Solar Radiation in the world



Due to the above, Solar has the **highest potential** amongst all the different kinds of renewable sources.



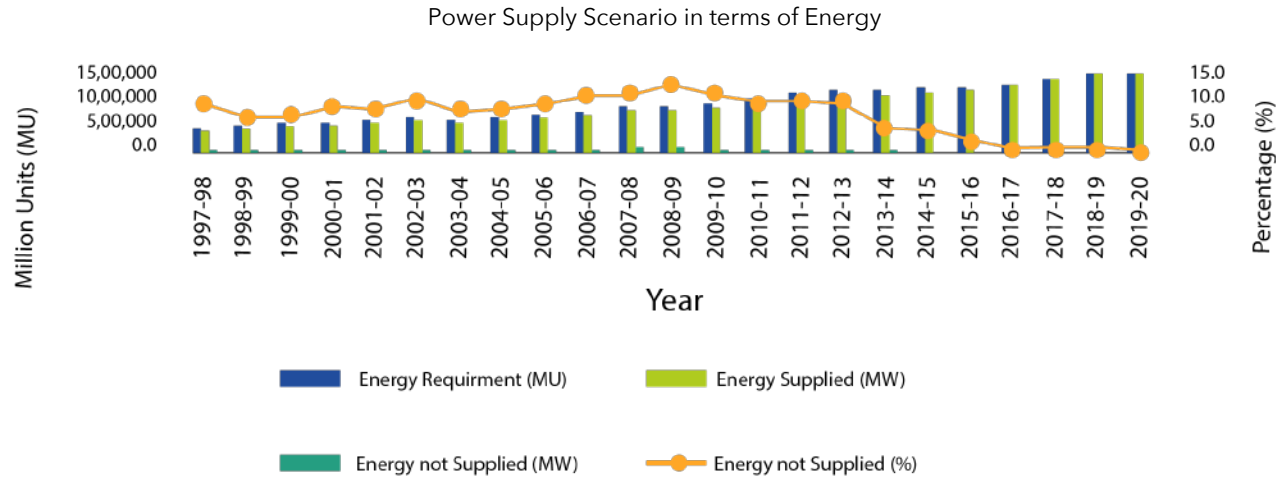
Out of the **500GW** target till 2030, it is targeted to achieve **60% through Solar** sources.



Favorable Policies are being made by the central and state governments to promote Solar Energy.

Energy Aatmanirbharta: A Perspective

Gap between Energy Requirement vs Energy Supply is going to increase day by day due to lack of infrastructure in place



Source: Central Electricity Authority (CEA)



Large and small scale Industries should embrace **Energy Transition**

Tailwinds



India's **demand of electricity** is growing at an exponential pace.



Rising Coal prices, pollution and **inability to generate enough** electricity vs demand is a major setback.



Energy Security of your own needs has become utmost vital at this point in time.



Secure yourself by producing your own clean energy through renewable sources.



Producing your renewable energy will **mitigate carbon emissions** and also provide nearly **50% reduction in electricity costs**.



Therefore,

**PRODUCE YOUR OWN
CAPTIVE ENERGY THROUGH
SOLAR**

With Solark Renewable Energy Parks

Our Vision is to Fulfill Real Estate, Infrastructure and Techno Solution of the **Future**



Land



Shared
Infrastructure



Lifecycle
Monitoring



In the world of **Sharing Economy**, there are concepts of CO-WORKING, CO-LIVING and we intend to introduce

The Concept to
'CO-GENERATE' in
the Solar Industry for
many Small and Large
Enterprises.



Advantages to CO-GENERATE at Solark Energy Parks



Why Prefer Solark Renewable Energy Park?

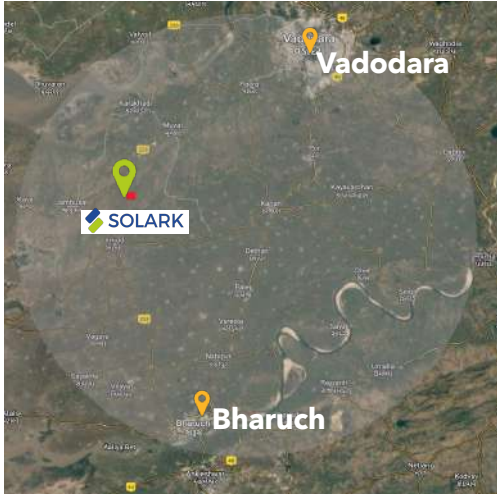
FOR THE PROJECT OWNER

- 01 **Benefit of Economies of Scale**
- 02 **Secure Land-Sub-Station Duo**
- 03 **Flexibility**
- 04 **Peace of Mind**

FOR THE SOLAR PROJECT DEVELOPER(EPC CONTRACTORS)

- 01 **Risk-Mitigation**
- 02 **Hassel less Project Execution**
- 03 **Ready Infrastructure**
- 04 **Plug-N-Play**
- 05 **Strong Time Commitment to Clients**

Solark Renewable Energy Flagship Park Location and Details



70 ACRES
LAND AREA

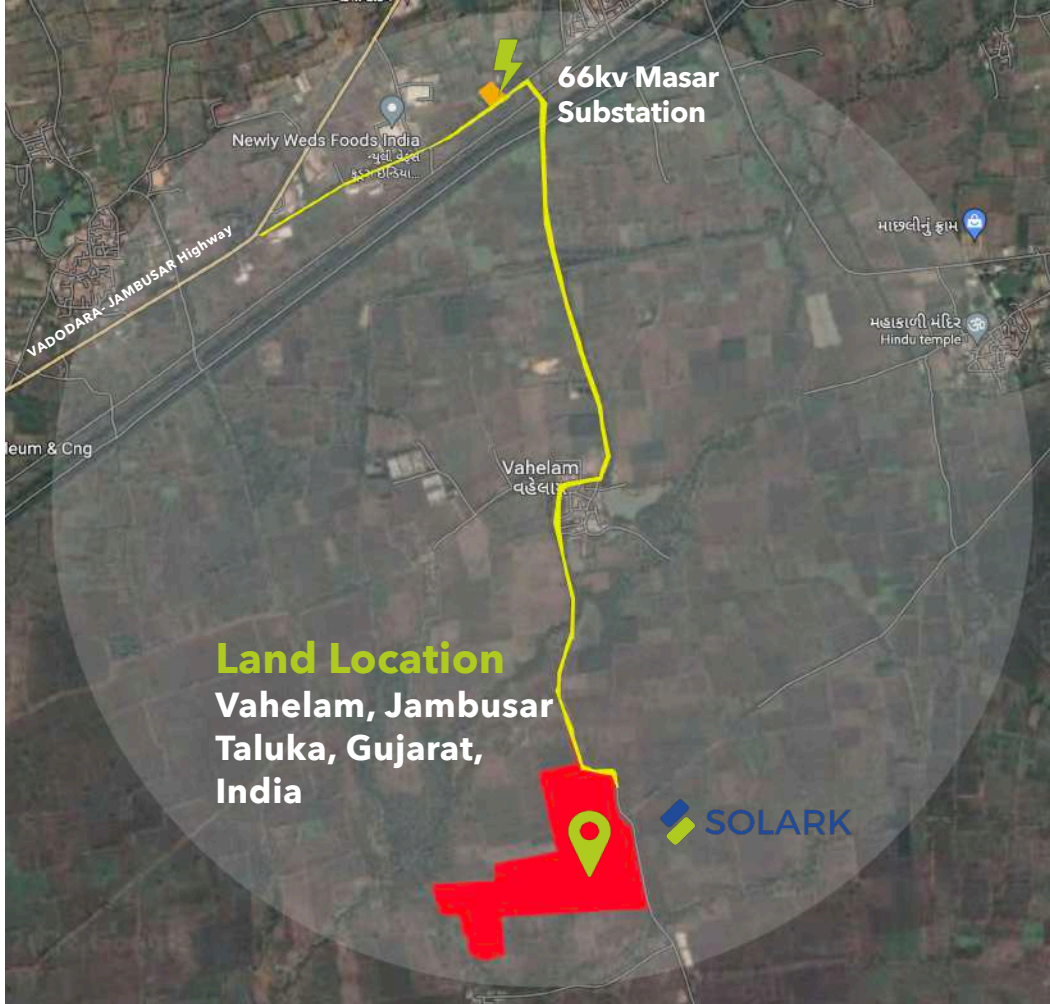
70 ACRES
LAND AREA

DGVCL 66KV MASAR
SUB-STATION

16 MW
AC PARK
CAPACITY

24 MW
DC PARK
CAPACITY

500 KW AC
MINIMUM
PROJECT SIZE





Actual Image of Solark Park



Scope of Work

PART 1: GRID CONNECTIVITY, SHARED INFRASTRUCTURE & REAL ESTATE DEVELOPMENT	
FEASIBILITY ANALYSIS	REPORTS
Sub-Station Technical Analysis	Soil Report
Evacuation Line Technical Analysis & Planning	Earthing Resistivity Report
Land to Substation ROW Analysis	Contour Report
	Land Survey Report
	Generation Report
CONNECTIVITY	CIVIL INFRASTRUCTURE
DGVCL 11kv Secured Connectivity In Nearest Substation	Peripheral Boundary Wall (Concrete 6' + Barbed Wire 2')
Assistance in DGVCL 11kv Connectivity Approval Process	Boundary Gates
	Security Cabins
EVACUATION INFRASTRUCTURE	Land Cleaning
ROW Land Acquisitions	Land Grading and Leveling
11KV Evacuation Line (Overhead and Underground)	Control Room
Substation Bay + Feeders	Civil Cost for Double Pole Infrastructure Inside the Park
Internal Double Pole Switchyard Infra for Evacuation	Peripheral & Central Road Clearing and Compacting
Evacuation Line Underground Cabling	Water Distribution Infrastructure
DGVCL Supervision Charges	Water Storage Tank
Local Liasioning	Water Pumps
Inspections During Execution	RO Plant
	Common Area Cable Tranches
LAND	Fire Fighting Equipment
Title Legal Fees	Park Peripheral & Central Road Lighting
Title Clearance Costs	Park Peripheral & Central CCTV
Tenure Change Premium	Auxillary Power Infra for Common Area Purposes
Brokerage	Internet Infrastructure
Title Report	Signages
	Peripheral Protection Plantation
NON-AGRICULTURAL LAND	Hard Pavers Access Road to Control Room
Non-Agricultural Land Liasioning & Approval	Toilet Sets on Site for Common Use
PLAN PASSING	SOLAR PROJECT COMMON PLANT AND MACHINERY
Solar Plant Plot Design and Planning	Weather Monitoring Station
Solar Plant Development Plan Approval Process from Town Development Authority	
PARK LOCAL CLIENT SUPPORT	INSURANCE
All Possible Support from Team	Common Park Infrastructure Insurance

Scope of Work

PART 2A: LAND LEASE FOR SOLAR PLANT (RECURRING BASIS)

Land Lease

Land (Provided for individual project as well as for common park infrastructure)

PART 2B: COMMON PARK INFRASTRUCTURE OPERATIONS AND MAINTENANCE (RECURRING BASIS)

Common Park Operations & Maintenance

SCADA with monitoring capabilities
Cloud Storage
Regular Land
Cleaning
Park Lighting Power
Firefighting equipment refills
Shared Fence Upkeep
CCTV UpKeep
Evacuation Line
Maintenance/Monitoring
ROW - Service
Sub-Station
Equipment Maintenance
Control Room Maintenance
Common park's switchyard maintenance
Water Storage Tanks, Pumps and Distribution Infra UpKeep
Roads Maintenance
Aux power consumption and billing
Park common infrastructure insurance
Security Park Operations and maintenance Staffing
Security
Equipment maintenance
Pickup Vehicle

PART 3: SOLAR PLANT OPERATIONS AND MAINTENANCE (RECURRING BASIS)

Solar Plant Operations & Maintenance

OPERATIONS

Life Cycle Energy Production Monitoring (Daily Basis)
Real-time data collection
Diagnostic testing for low power prediction
Staffing

PREVENTIVE AND UP-TIME-MAINTENANCE ITEMS

Module Cleaning
Inverter Cleaning
Writing Installations checks for cracks, breaks or deterioration in Insulation
Frequent Maintenance of thermal based components
Yearly service of HT side equipment
Critical and non-critical reactive repairs
Spare Parts and Inventory Management (Replacement Service on chargeable basis)
Warranty Management
Staffing

Solark Offering Structure

PART 1

**GRID CONNECTIVITY,
SHARED INFRASTRUCTURE &
REAL ESTATE DEVELOPMENT**

Charges

One Time Fixed Charges

PART 2

**LAND LEASE & COMMON
PARK INFRASTRUCTURE
OPERATIONS AND
MAINTENANCE**

Charges

Recurring Lease Charge for Life-Cycle of
Solar Project

PART 3

**SOLAR PLANT
OPERATIONS AND
MAINTENANCE**

Charges

Recurring Service Charge for Life-cycle of
Solar Project

*All Charges will be based on Per MW DC Basis.

*Recurring Charges are levied on Per MW DC on Yearly Basis.

Solark Park Land





THANK YOU

solarkinfrasonline.com

SOLARK INFRASOLUTIONS PRIVATE LIMITED
801, SNS Business Park, Near S.D. Jain School,
Udhna Magdalla Road, Vesu, Surat - 395007
+91 261 2200500