



SOLAR EPC · BESS · AI-DRIVEN ENERGY

# CLEAN POWER, INTELLIGENTLY ENGINEERED.

SILINFRA LLP — your power partner for turnkey solar EPC, maintenance and energy storage.

Engineered in Surat, delivered across India.

📞 +91 6355-149157  
149157

✉ info@silinfra.co  
info@silinfra.co

📍 Surat, Gujarat – 395006

**Your Power Partner**

[ WHO WE ARE ]

# A decade of engineering India's infrastructure — now powering its energy shift.

SILINFRA LLP (Silinfra Solar) is a Surat-based Engineering, Procurement & Construction firm with a proven, 10+ year track record across industrial, commercial and residential projects — including government tenders and joint ventures.

Today we bring that execution discipline to solar: grid-tied & off-grid PV, storage and AMC — from PM Surya Ghar rooftops to large C&I and scheme projects.

**7 MW+**

Solar installed — residential rooftop & industrial (JV)

**10+**

Years of experience

**25 yr**

Module performance warranty

**ISO 9001 · 14001 · 45001**

Quality, environment & safety certified

[ WHAT WE DO ]

# End-to-end solar & energy services

One accountable partner — design, build, store  
build, store and maintain.

01

## Solar EPC Solutions

Turnkey rooftop, C&I and scheme EPC — engineered, procured and built by one team.

02

## Maintenance (AMC)

Inspections, cleaning, monitoring and rapid response that protect your generation.

03

## Consulting Services

Feasibility, subsidy navigation and CAPEX-vs-OPEX modelling you can bank on.

04

## Project Management

Schedule, budget and quality owned end to end — on time, on spec.

05

## System Upgrades

Modernise ageing plants — modules, inverters, capacity capacity and storage retrofits.

06

## Energy Storage (BESS)

Battery & solar-plus-storage for backup, peak-shaving and shaving and round-the-clock power.

[ TECHNOLOGY EDGE ]

# Solar, run by smart software.

Aerospace, robotics and data-science backgrounds let us design sharper, build faster and run plants at peak output at peak output for their whole life.

01 / DESIGN

## AI-optimised layouts

Thousands of layouts simulated to maximise yield per sq ft and per rupee. rupee.

02 / O&M

## Predictive maintenance

ML benchmarks live output and flags faults faults before they cost generation.

03 / INSPECT

## Drone + AI inspection

Aerial thermal scans with automated defect detection across large arrays.

04 / MONITOR

## Smart monitoring

Live dashboards track output, savings and and CO<sub>2</sub> avoided in real time.

Robotics-driven O&M

AI yield prediction

Aerospace-grade structural analysis

IRR / NPV financial modelling

# Engineers, data scientists & builders

PK

## Parthiv Kukadia

MANAGING DIRECTOR

Holds a B.S. in Aerospace Engineering and an M.Sc in Robotics. Worked with NASA on solar cube-satellite programs (CAP-SAT), bringing aerospace-grade engineering discipline to SillInfra's design and execution.

KK

## Kaushal Koshiya

DIRECTOR

A B.S. Electrical Engineer who worked as a data scientist and optimization engineer in the cyber-security space — the analytical backbone behind SillInfra's yield modelling and ROI analysis.

NR

## Nikesh Rabadiya

DIRECTOR

A B.E. in Textile Engineering with 10+ years in the retail and service space. Operational director and partner of a jewellery manufacturing factory and international jewellery stores, bringing deep operations and business-management experience.

JP

## Jay Patel

TECHNICAL PROJECT LEAD

Over 10 years in solar installation and electrical work. Built and developed SillInfra's in-house fabrication and wiring team, holding quality and execution discipline on every project.

[ TRACK RECORD ]

# Delivered across Gujarat & Maharashtra

**2 MW+**  
Residential rooftop

**5 MW+**  
Industrial rooftop (JV)

| PROJECT                                 | LOCATION       | CAPACITY  |
|---|----------------|-----------|
| <b>Ravi Textile</b>                     | Surat, Gujarat | 600 kW    |
| <b>Ravi Sizer</b>                       | Surat, Gujarat | 280 kW    |
| <b>Shree Ganesh Fabrics</b>             | Surat, Gujarat | 260 kW    |
| <b>Rudrax Fabrics</b>                   | Surat, Gujarat | 175 kW    |
| <b>Orient · Bright · Prime Twisters</b> | Sayan, Gujarat | 50 kW ea. |

[ CERTIFICATIONS ]

# Built to standard, certified to prove it.

**ISO 9001** Quality Management Systems

**ISO 14001** Environmental Management Systems

**ISO 45001** Occupational Health & Safety

## COMPANY DETAILS

LEGAL NAME **SILINFRA LLP**

CONSTITUTION **Limited Liability Partnership**

HEAD OFFICE **Varachha Road, Surat – 395006**

GST **24AFSFS4304L1ZM**

UDYAM **UDYAM-GJ-22-0543368**



# LET'S SWITCH YOU ON.

Free site survey. Bankable proposal. One accountable partner — from first survey to 25 years of performance.

PHONE

**+91 6355-149157**

EMAIL

**info@silinfra.co**

OFFICE

**Surat, Gujarat – 395006**

WEB

**silinfra.co**

**Your Power Partner**