

SOLARNEXA

ROOFTOP SOLAR PROPOSAL · 20 SEPT 2026 · #1019

Clean, reliable power for Mr. Amit Kumar .

MCD Office, Delhi

View in 3D

186.8 kWp
SYSTEM SIZE

₹23.01 L
SAVED / YEAR

20 Sept 2026
PROPOSAL DATE

1019
PROPOSAL ID

02 / ABOUT

About SolarNEXA

SolarNexa is a Delhi-based solar energy company helping homes, businesses, and industries switch to clean, reliable, and affordable solar power. We provide end-to-end solar solutions—from system design and installation to maintenance—focused on reducing electricity costs and delivering dependable long-term energy savings.

ESTABLISHED	INSTALLATIONS	COMPONENTS	WARRANTY
Est. 2017	400+	Tier-1	25 yr

RECENT WORK









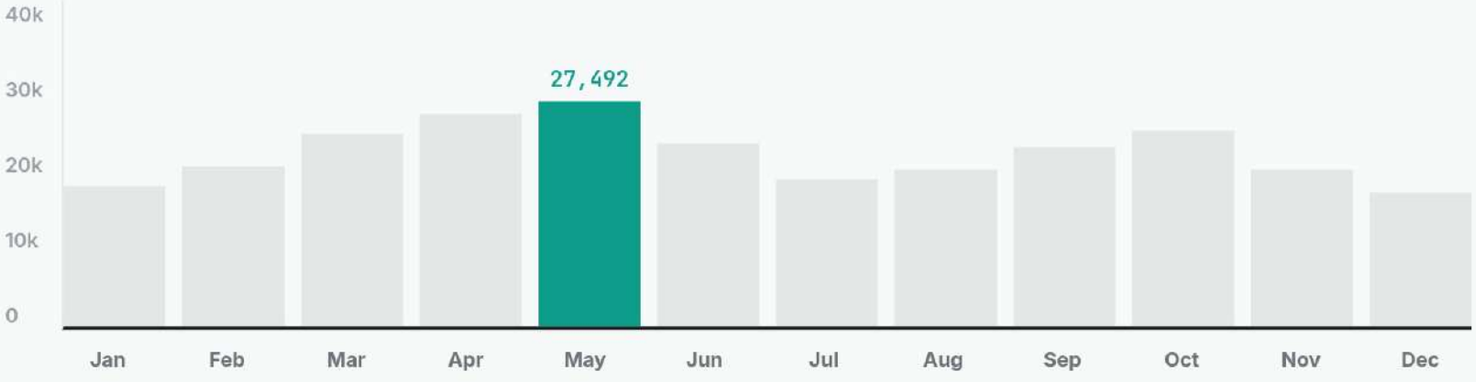
03 / SYSTEM

System & Generation

OVERVIEW

System Capacity	**186.8 kWp**
System Type	**On-Grid · Commercial**
Solar Panels	**535W × 349**
Inverter	—
Inverter Capacity	—
Roof Area Used	**3273 m²**

ESTIMATED MONTHLY GENERATION



Based on a typical seasonal generation profile — confirm the project location to use this site's real irradiance data.

Annual Total 2,55,671 kWh

GENERATION	SPECIFIC YIELD	PERF. RATIO
2,55,671 kWh/yr	1,369 kWh/kWp	77 %

04 / ROI

Project ROI

What your system returns — savings, payback and 25 years of generation.

RETURN ON INVESTMENT

₹5.36 Cr	1.7 yrs	₹2.30 Cr
25-Year Savings	**Payback Period**	**10-Year Savings**
Total saved over the system life	Time to recover your investment	Saved by year ten

ANNUAL SAVINGS	AVG SAVED / MONTH
₹23,01,036/yr	₹1,91,753

25-YEAR GENERATION

YR 1–5	YR 6–10	YR 11–15	YR 16–20	YR 21–25
1263.1 MWh	1225.7 MWh	1189.3 MWh	1154.1 MWh	1119.9 MWh
2,52,621 kWh/yr avg	2,45,133 kWh/yr avg	2,37,867 kWh/yr avg	2,30,816 kWh/yr avg	2,23,974 kWh/yr avg

Lifetime Generation (0.6%/yr degradation) **5952** MWh

CUMULATIVE SAVINGS



These figures are estimates, not guarantees.
Based on your current tariff and estimated generation — actual savings depend on real usage, weather and future tariff changes.

05 / JOURNEY

Your Journey to Power

From a signed proposal to a live, generating system — what happens and when.

STEP 01

Permitting

Approvals and documentation completed within 1 week

STEP 02

Procurement

Materials sourcing and delivery in 2-3 weeks

STEP 03

Installation & Electrical

Panel mounting, wiring and inverter setup in 3-4 weeks

STEP 04

Commissioning

Testing, inspection, net-metering and handover

We keep you informed at every milestone.
Exact timing depends on approvals, site readiness and material availability in your area.

06 / INVESTMENT

Project Investment

Total payable ₹38,37,600 · released in agreed milestones as your project progresses.

PRICE BREAKDOWN

System cost (incl. GST)	₹39,27,600
Discount	– ₹90,000
Net Payable	**₹38,37,600**

PAY TO

ACCOUNT NAME SolarNEXA	BANK ICICI BANKING
ACCOUNT NO. 6600990033	IFSC ICICIDEMOBANKING

PAYMENT MILESTONES

1	2	3	4
Advance	**Procurement**	**Installation**	**Commissioning**
₹7,67,520	₹11,51,280	₹7,67,520	₹11,51,280
20%	30%	20%	30%



Every milestone is tied to real progress.
Each payment above is released only against the matching stage of work — nothing is collected in advance of the work it covers.

07 / MATERIALS

Bill of Materials

COMPONENT SCHEDULE

SOLAR PV MODULES
Rayzon Solar
580 Wp TOPCon

SOLAR INVERTER
Solis
6 kW Single Phase

DC & AC SOLAR CABLES
Polycab
DC/AC solar cable

PROTECTION & ELECTRICAL BOS
True Power
ACDB / DCDB

MODULE MOUNTING STRUCTURE
JSW Steel
25yr warranty

BILL OF MATERIALS TOTAL
5 components

Makes and specifications of the equipment proposed for your installation. Component amounts are indicative; the payable figure is on the Investment page.

08 / IMPACT

Environmental Impact

What your clean energy adds up to, year on year.

EVERY YEAR

CO_2 AVOIDED	TREES EQUIVALENT	CAR TRAVEL OFFSET
209.6 t/yr	9,983 /yr	17,47,083 km/yr

OVER 25 YEARS

CO_2 AVOIDED	TREES EQUIVALENT	COAL NOT BURNED
4874 t	2,32,105	48,744 t

Over its 25-year life, this system avoids carbon emissions comparable to

planting 2,32,105 trees.

Impact figures are estimates based on projected solar generation, the applicable grid emissions factor and normal module degradation.

09 / THANK YOU

Thank you.

Sign below to confirm — we'll handle the paperwork and guide you through every project milestone from there.

SOLARNEXA
CLEAN ENERGY — BRIGHTER TOMORROWS

View your design in 3D

Scan the QR code or click the link below to explore your solar system in 3D.

solardesign.in/index.html?vie

View in 3D →

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WEBSITE

Okhla Industrial Area, Phase II, New Delhi – 110020, India
OFFICE

YOUR SYSTEM AT A GLANCE

Total Panels	**349 panels**
Panel Brand	—
Capacity	**535W × 349**
Yearly Generation	2,55,671 kWh

ACCEPTED BY _____

DATE _____

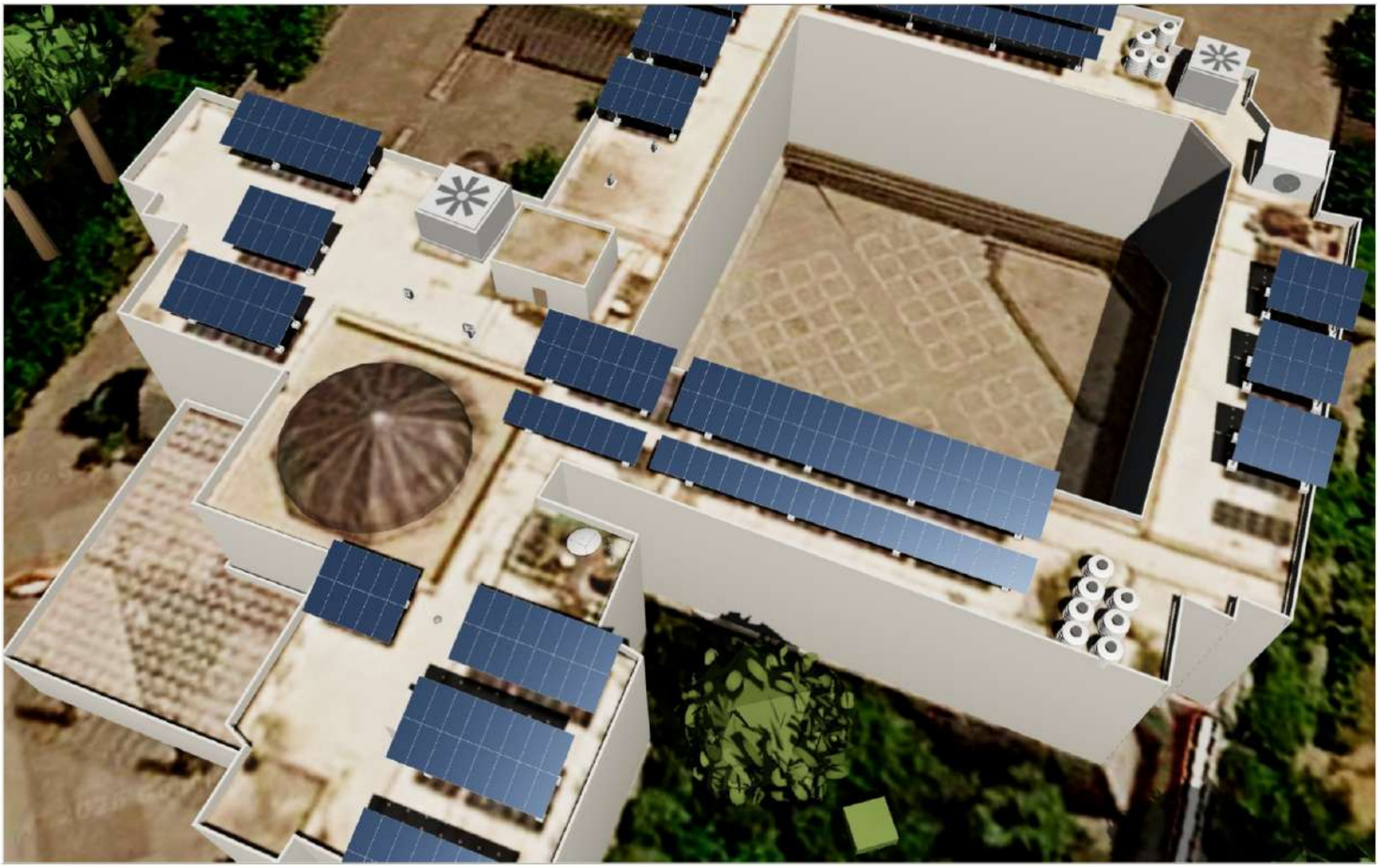
Thank you for choosing SolarNEXA.
We look forward to powering your future with clean, sustainable energy.

01 / DESIGN

Solar Design

MCD Office Building S3

PROJECT	DATE	SYSTEM SIZE	MODULES
MCD Office Building S3	20 Sept 2026	186.8 kWp	322 × 580W



SYSTEM SIZE	MODULES	ROOF AREA	EST. ANNUAL GEN.
186.8 kWp	322	3273 m²	262.7 MWh

Explore your solar design in 3D

Scan to open the interactive model and explore panel placement, roof geometry and system layout.

View in 3D

02 / SHADOW

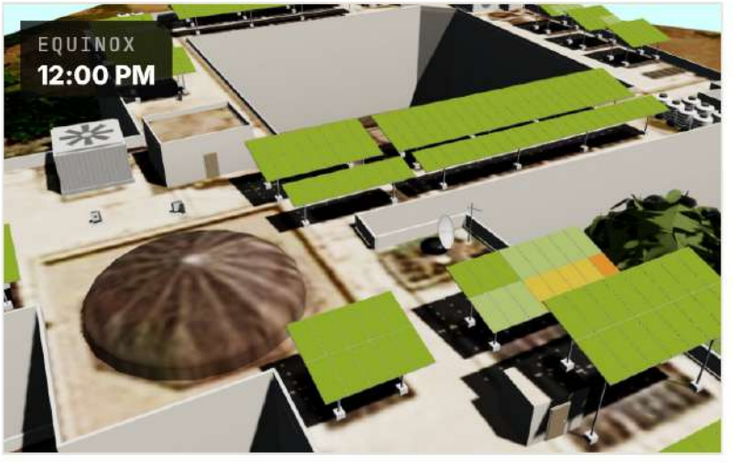
Shadow Analysis

Solar access assessment across representative sun positions

SHADING IMPACT	ANALYSIS POINTS	PEAK SHADING	SITE STATUS
0.9 %	**4**	**3:00 PM**	**Excellent**
Annual impact	Sun positions	2% of panels affected	Excellent solar access









Shadow assessment

Based on the representative annual sun positions analyzed, the proposed PV layout experiences minimal shading impact on energy production.

03 / PERFORMANCE

System Performance

Estimated energy yield and system losses

ESTIMATED ANNUAL GENERATION

262.7 MWh

Year 1 estimate · equivalent to ~21.9 MWh per month on average

1,406	78.8%	186.8
KWH/KWP YIELD	PERF. RATIO	KWP SIZE

SYSTEM LOSSES

Temperature	10.3%
Shading	0.9%
Soiling	3%
Inverter	3%
Mismatch	2%
DC Wiring	2%
Total system loss	21.2%

LOSS BREAKDOWN



SYSTEM SUMMARY

SYSTEM CAPACITY	MODULES	ROOF AREA
186.8 kWp	322 × 580W	3273 m²
INVERTERS	**DC / AC RATIO**	**TILT / AZIMUTH**
6 × 15.33 kW	2.03	15° / 216° (SW)

04 / GENERATION

Annual Generation

12-month energy production forecast

YEAR 1 GENERATION	SPECIFIC YIELD	PERFORMANCE RATIO	SYSTEM SIZE
262.7 MWh	**1,406** kWh/kWp	**78.8** %	**186.8** kWp

MONTHLY ENERGY GENERATION (MWh)



MONTH	GENERATION (MWH)	SPECIFIC YIELD (KWH/KWP)	PR (%)	% OF ANNUAL
Jan	17.5	94	78.8	6.7%
Feb	20.3	109	78.8	7.7%
Mar	24.3	130	78.8	9.2%
Apr	26.6	142	78.8	10.1%
May	28.2	151	78.8	10.8%
Jun	23.2	124	78.8	8.8%
Jul	18.6	100	78.8	7.1%
Aug	19.8	106	78.8	7.5%
Sep	22.6	121	78.8	8.6%
Oct	24.9	133	78.8	9.5%
Nov	19.8	106	78.8	7.5%
Dec	16.9	91	78.8	6.5%
Total	262.7	1406	78.8	100%

HIGHEST GENERATION	LOWEST GENERATION	AVERAGE MONTHLY GENERATION
May 28.2 MWh	**Dec** 16.9 MWh	**21.9 MWh**