



NJ

ENERGY SOLUTIONS

EMPOWERING TOMORROW WITH SOLAR SOLUTIONS

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## Why NJ Engineering?

- Team of experts working throughout the project work.
- Skilled manpower working for project execution.
- In-house development of GI mounting structure which is 30% stronger than MS and is also light weight.
- Prompt and quality service.
- No compromise in the quality of material used.
- Safety First!
- Online remote monitoring of the system is possible



# The Type of Solar power plants

## ON GRID

A solar power setup connected directly to the local electricity grid. It uses solar panels to generate electricity, which is then fed into the grid. The system allows homeowners to use solar energy during the day and draw power from the grid at night or when the sun is not shining. Any excess electricity generated by the solar panels is sent back to the grid.



## OPEX MODULE

OPEX (Operational Expenditure) model for solar systems, a third-party company, often a Renewable Energy Service Company (RESCO), owns and operates the solar plant, while the customer pays for the electricity generated.



## OFF GRID SYSTEM

An off-grid solar system is a standalone power source that generates and stores electricity using solar panels and batteries, independent of the utility grid.

## OPEN ACCES

Open access in solar power allows large electricity consumers to purchase solar electricity directly from independent power producers (IPPs) or solar developers, rather than solely relying on their local distribution company (DISCOM).

## Our solar Panels partner

**GOLDI**  
SOLAR

**adani**  
Solar

**WAAREE**  
One with the Sun

**AXITEC**  
high quality german solar brand

  
**vikram**  
**solar**

  
**PREMIER**  
ENERGIES  
(FORMERLY PREMIER SOLAR SYSTEMS)

## Our Inverter Partner

  
**POLY CAB**  
*Connection Zindagi Ka*

  
**solis**  
inverters

**SUNGROW**  
Clean power for all

  
**Growatt**  
powering tomorrow

## Our Electrical Partner

**POLY CAB**  
IDEAS. CONNECTED.

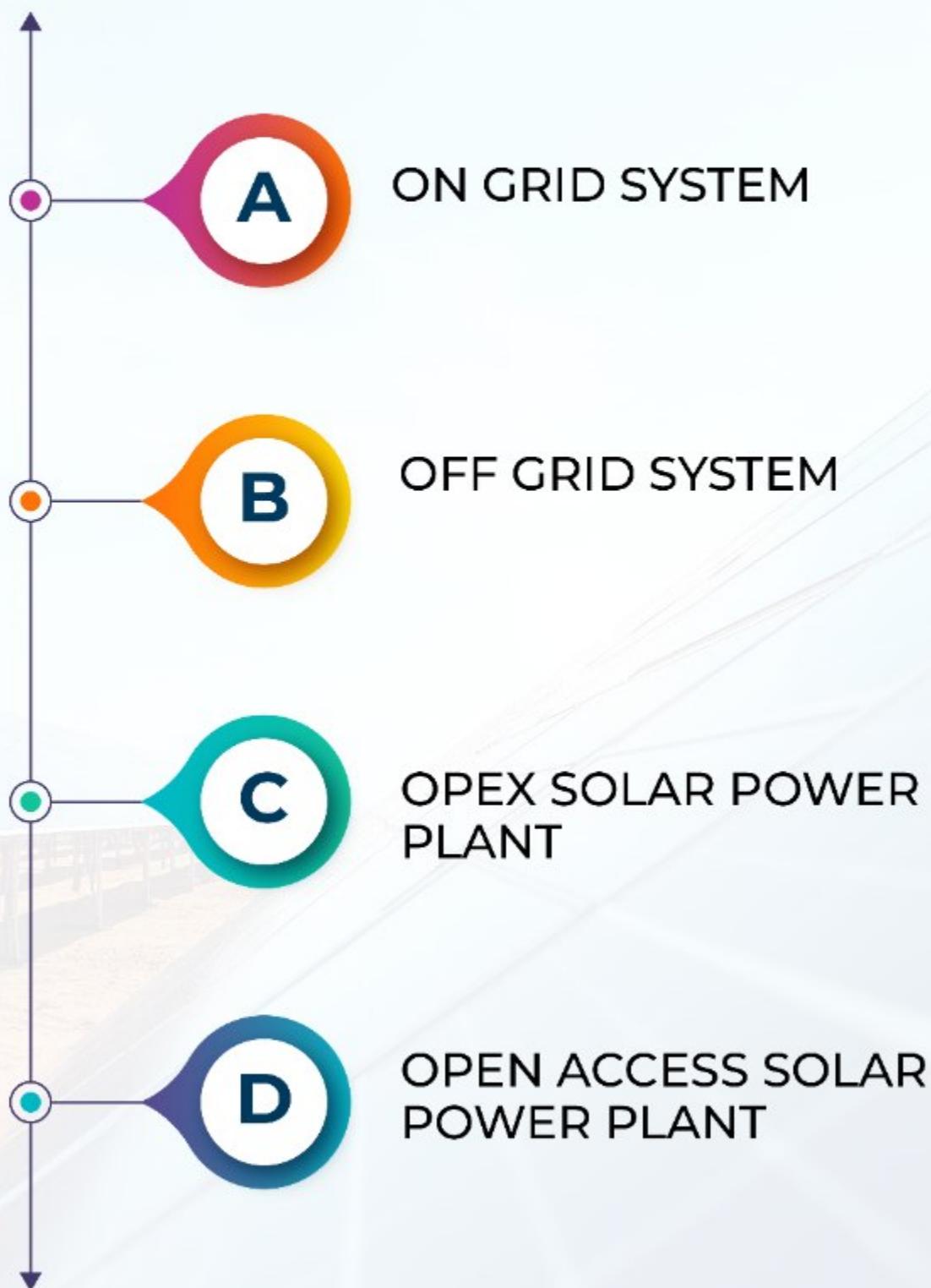
**KEI**  
The Power Behind The Power



# Agenda

- Introduction to types of solar installations.
- Areas we can target.
- Benefits of clients.
- About NJ and Triforge.
- Our Clients

# INTRODUCTION TO TYPES OF SOLAR INSTALLATIONS





ON GRID SYSTEM



OFF GRID SYSTEM



**OPEX SOLAR POWER  
PLANT**

**OPEN ACCESS SOLAR  
POWER PLANT**

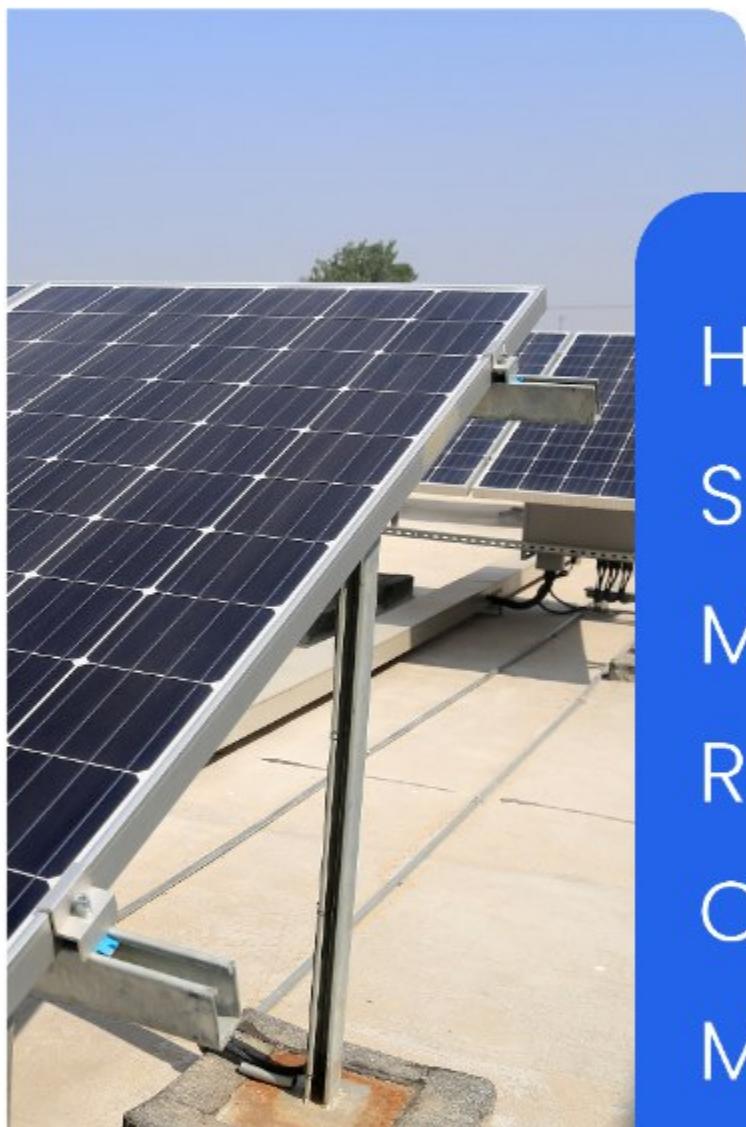


# Areas we can target



Residential Solar  
Clients

# Commercial solar power plants



Hospitals

Schools

Malls

Restaurants & Hotels

Commercial spaces

Multiplex & Theatre



## ENERGY SOLUTIONS

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N. J. Engineering is a leading solar energy company dedicated to providing sustainable and clean energy solutions to residential, commercial, and industrial clients. With a team of experienced professionals and a commitment to innovation, we aim to revolutionize the way we generate and consume electricity. Our comprehensive range of solar products and services enables our customers to harness the power of the sun and contribute to a greener future.

# Our Clients



Barnes School & Junior College



A photograph of a solar panel farm at night. The panels are arranged in rows, reflecting the light from the stars above. The sky is a deep, dark blue, filled with numerous small, white stars of varying brightness. The horizon line is visible in the distance, where the dark sky meets the silhouette of the land.

Thank you