



# SOLAR POWER SOLUTIONS

ON-GRID & OFF-GRID SOLUTIONS

---

Consultation - Design | Procurement - Installation | Commissioning - Handover



# WHO WE ARE

NxtGen Power Solutions is a Navi Mumbai-based EPC (Engineering, Procurement and Construction) company that delivers integrated rooftop solar solutions with intent on endeavouring best solution in terms of quality, effectiveness, environmental sustainability and cost saving. We are team of young engineers with ample experience in the fields of instrumentation technology, renewable energy and business management. We utilize the best of Indian standards, technical knowledge and on field information of the market to effectively provide our clients with better solutions and savings. We install, operate and maintain rooftop solar systems for residential, commercial, industrial, MSME's, schools and govt facilities...

# MISSION

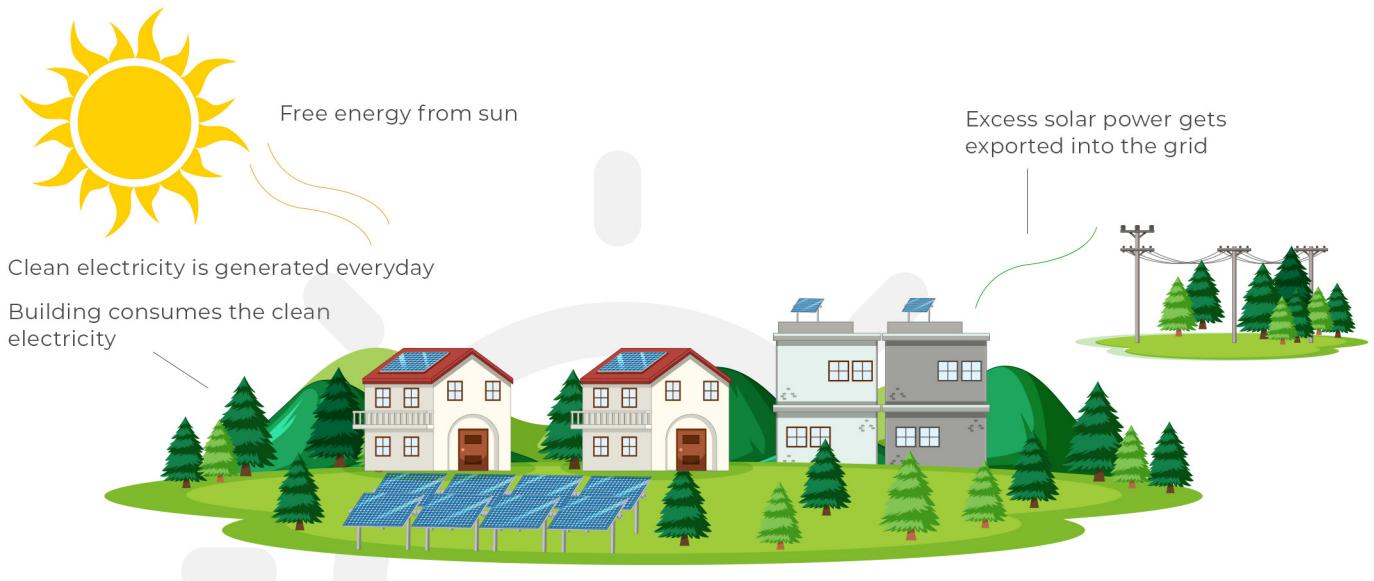
- ✓ To accelerate the adoption of solar energy systems by providing unparalleled value to our customers
- ✓ Executing projects safely and correctly with predictable benchmark in quality, cost and time.
- ✓ Reducing carbon footprints by building a sustainable community.
- ✓ To make solar a profitable and secure investment for you.

# VISION

Our vision is to be admired and responsible for providing innovative clean energy solutions in pursuit of environmental sustainability and deliver cleaner future for our NextGeneration.



# WHY GO SOLAR FOR INDIAN DEMOGRAPHIC



**India has an advantage of receiving peak solar radiation for 300 days,  
Amounting 4-7kWh radiation received per sq.m/day**

India is endowed with vast solar energy potential. About 5,000 trillion kWh per year energy is incident over India's land area with most parts receiving 4-7 kWh per sq. m per day. Solar photovoltaic power is abundantly available and if effectively harnessed will be able to provide a huge scalable energy output in India. From an energy security perspective, solar is the most secure of all sources, since it is abundantly available. Theoretically, if even a small fraction of the total incident solar energy is captured effectively then it can fulfil entire country's power requirements. Also, the Government of India offers various subsidies & tax credits to those who install rooftop solar systems whether it is for residential or commercial purposes in order to accelerate the solar adoption throughout the nation.

# CONSULTATION & DESIGN

RETROFIT ON EXISTING BUILDING / NEW BUILDING OR PROJECT

## 1 PRELIMINARY SURVEY & DESIGN

We perform a preliminary site survey through our site analysis tool & provide feasible report with shade analysis & cost benefits.



## 2 PHYSICAL SITE SURVEY

Once the preliminary survey is done then our specialist will perform a physical site survey to identify & check the possible constraints & challenges regarding the location.



## 3 ONLINE/FACE TO FACE MEETING AND CONSULTATION

After complete site survey we'll arrange meet up between our specialist & yourself to run through a preliminary proposal & address the concerns if any regarding installation.



# PROCUREMENT & INSTALLATION

RETROFIT ON EXISTING BUILDING / NEW BUILDING OR PROJECT



## 1 PURCHASE OF MATERIAL

We will procure the best and guaranteed materials that will serve your approved plan.

- ✓ Solar panel
- ✓ Solar inverter
- ✓ Mounting structure
- ✓ Solar cable

## 2 MATERIAL DELIVERY & SITE INSTALLATION

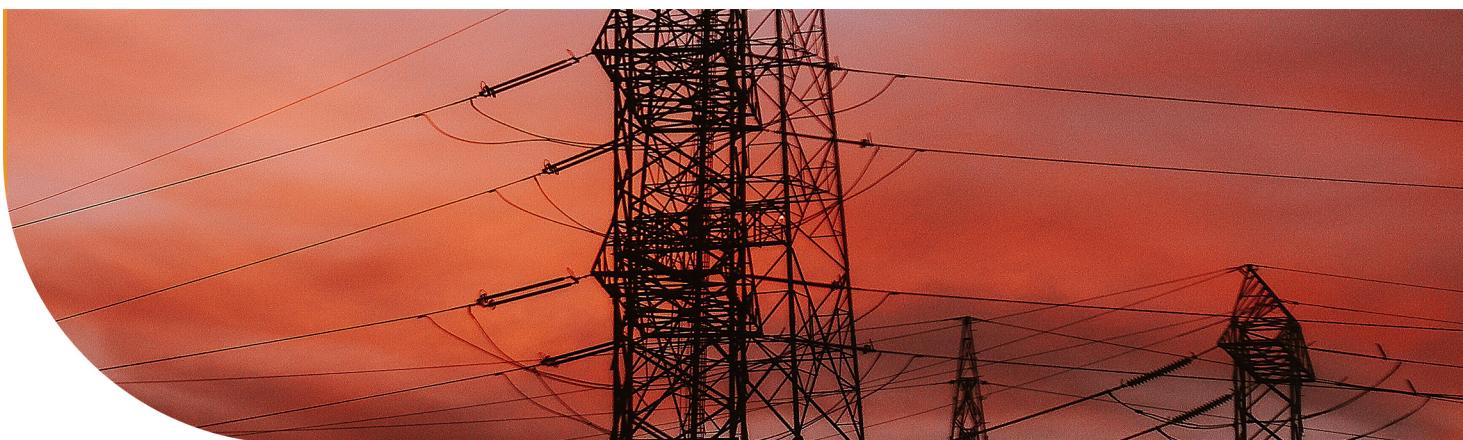
Our on-site engineer will fully handle the process of material delivery & site installation and will complete the given project and hand it over to client as per the agreed schedule.

# COMMISSION & HANDOVER

RETROFIT ON EXISTING BUILDING / NEW BUILDING OR PROJECT

## 1 ELECTRICAL LICENSING AND SUBMISSION

After complete site installation we will perform the process of all electrical installation, net meter licensing & relevant documents submission to DISCOM.



## 2 COMPLIANCE & HANDOVER

Upon complete site compliance & testing all certification and procedures of the system will be fully documented and handed over to the client once we turn the system on.



# KEY HIGHLIGHTS OF SOLAR INSTALLATION

RETROFIT ON EXISTING BUILDING / NEW BUILDING OR PROJECT



Required  
**1000**  
sq feet area



Annually generate  
**15000**  
electricity unit

10 kw grid tied  
solar system



Mitigated  
**308 tonnes**  
of Co2 emission



Saves  
**1.4 lakh**  
every year on  
electricity bill

## APPLICATION OF SOLAR



Bungalow



Residential Building



School



Hotel



Store



Industry



# NXTGEN POWER SOLUTIONS LLP

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

 +91-89761 09590 | 72087 07739  [Info@nxtgenpower.com](mailto:Info@nxtgenpower.com)

 B-05, Gr, Plot No.35-36, Vidhyasagar CHS, Seawoods West, Sector 40, Navi Mumbai - 400706