

# Introducing .....

## TOSHIWA SOLAR PVT. LTD.



**Corporate Office** : Balaji Tower, Plot No. 96,  
CIDCO N4 (S)  
Aurangabad – 431001. (MS)

**Factory** : Shendra MIDC, Waluj MIDC  
Aurangabad

**Branches** : Mumbai, Ahmednagar, Nanded,  
Jalana, Beed, Parbhani, Nasik , Pune

 [sales@toshiwasolar.com](mailto:sales@toshiwasolar.com)  [www.toshiwasolar.com](http://www.toshiwasolar.com)



CONTACT : +91 9822427271, 8380083702

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

# Contents ....



We have features for every step of the way 



It's not just about the **SOLAR POWER**.....it is

# TRUSTED POWER

- *Reasons to believe on us*
- *Competent Project and Technical Team*
- *Historical success background and thrust of Excellence in everything*
- *Count on us .....*

- *Your Financial gain is our responsibility*
- *End to End Ownership commitment*
- *Assurance and Endurance of best Technology with strong support Network*



- SOLAR Expertise
- Strong Network
- Expert Techno-crafts
- Experienced Team
- Strong Financials
- Innovative and Experimental
- Proven Base & Case Studies

*We care for Green Power and committed to bring you in the flow.....*

# Let us Introduce Ourselves..... For Your Solar Project



good  
design  
is  
good  
business

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



**VISION**  
Committed for SOLAR Planet

**MISSION**  
Touching Individuals with  
Green Power - SOLAR POWER

- ✓ Electrical Graduate Engineers, MBA
- ✓ Established Businesses in Electrical Mega Projects, Renewable Energy & Windmill Experts, Government Liasoning, LED Manufacturer
- ✓ Successful Presence in the Market and Industry more than 21 years
- ✓ Master in Projects, System and People Development, Sound Technocrat Team
- ✓ Other Businesses Segments of Power Generators, Equipment manufacturer and Turnkey Projects

***Our Backbone - Advisory Board, Technical Team, Competent Consultant.....We Proudly Count on Them***

## ***Our Advisory Association***

- 7 Investors from India & Oversea
- Innovative Architect
- CA Ghai - Agarwal Associates
- UBI, SBI, Saraswat, Sarvadnya Bank
- Trigem Consultants
- PLGPL Group

## ***Our Suppliers***

- Zytech
- Delta
- Jyotitech
- Agarwal Dhoop
- ABB
- Growatt

## ***Our Prime Channel Partners***

- **More than 20 Established active Channel partners throughout Maharashtra, Some of them are**
- *JIBRA Power Systems*
- *Vaishnavi Electricals*
- *Saileela Electricals*
- *Shivdhan Business Group*



## Our Technical Consulting Association



**NIKHIL NAHAR**

Double Gold Medalist Univ. of Pune,  
Masters in IT Mgmt., Ex-Panasonic

With cross functional program-management expertise, Nikhil has donned many hats and worked Sales/ Program-Management/ Presale & Technical roles for varied clients

- Panasonic, Japan & India; CanvasM & Tech Mahindra
  - Was instrumental in turnkey automotive projects for key accounts
  - His assessment of Intelligent Transportation System for public transport sector helped Panasonic launch a potential \$B business in a new market
- Awarded the Global President's award, Panasonic



**NEERAJ JAIN**

Ex-IIT Electrical, Ex- Deutsche Bank, CFA  
& Alternative Investments Charter

- Deutsche Bank, Mumbai & London:
  - Led teams in diverse industries
  - Worked on multiple deals including Buyouts, M&A, Structured Credit and Growth
  - Instrumental in financing deals for Emerging Markets
- Involvement in entrepreneurial ventures in Social & Education sectors:
  - Recognized & awarded by ITC, Lemelson Foundation, USA
- Top Young Innovator by Villgro Foundation
- Among Global Top 100 Student Entrepreneurs chosen by Stanford University

- ❑ **Industrial Solar Project Plants more than 17 MW**
- ❑ **5 MW In Aurangabad**
- ❑ **All over India Projects**
- ❑ **Highly Qualified, Certified and Qualified Team with Talent**
- ❑ **Masters in Solar Power with efficient Solution Provider**
- ❑ **Consulting to TATA, Thermax and other Big Solar Players**

# Let us Introduce Ourselves.....

## Our Industrial Projects

Some of the best businesses in the country have trusted us with captive solar projects in their premises.



26 projects

11.4 MW

49 roofs

10 states

0 accidents

TRIDENT GROUP™  
Johnson & Johnson  
BHILWARA GROUP  
TVS  
IDECOR™ Nahar  
Capitaland  
Prestige Group  
moncinis  
AISC



- DELIVERING GREEN ADVANTAGE
- COMPLETE SOLAR SOLUTIONS
- SOLAR PERFECTED
- HASSLE FREE EXECUTION
- ZERO UPFRONT COST

*We Together ..... For Your Solution*



# Let us Introduce Ourselves.....

## Some of Our Esteemed Industrial Sites .....



3040 kWp - Budhni, Madhya Pradesh



Forum Sujana Mall

240 kWp - Hyderabad, Telangana



TVS Iyengar  
& Sons (P) Limited

270 kWp - Tamil Nadu & Kerala



Johnson & Johnson Private  
Limited

212 kWp - Mumbai, Maharashtra



American  
International  
School  
Chennai

312 kWp - Chennai, Tamil Nadu



Maral Overseas  
Limited

1011 kWp - Indore, Madhya Pradesh

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# Our Strong Presence in Aurangabad

5 MWp



600 KWp

**Ajeet**  
Seeds Pvt. Ltd.



150 KWp



*Rapidly Growing with more than 50 +  
Projects in this Area*

Absolute Engineering

*Let us Introduce Ourselves.....*

## **Some Industrial Project Snaps**





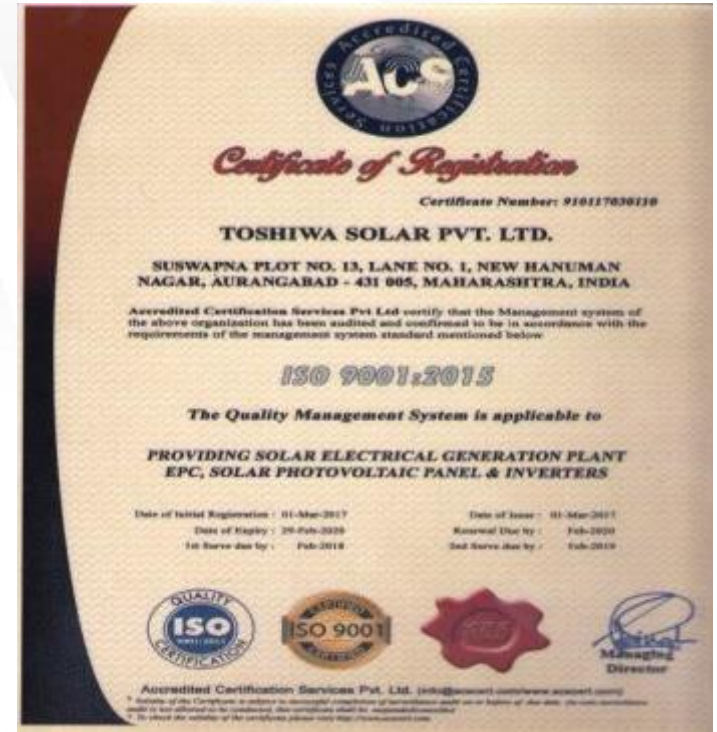
# We are Certified and Approved ...

Government of India

MNRE Approval & Channel Partner



ISO Certification



# Our Suppliers from India and Oversea.....

Certified, Qualified and Competent

Quality Competent.. Internationally Certified... Technically High.... Socially Responsible.....

ISO 9001:2008



**Test Report**  
**IEC 61215:2005**  
Crystalline silicon terrestrial photovoltaic (PV) modules. Design qualification and type approval.  
**IEC 61730-1:2013**  
Photovoltaic (PV) module safety qualification – Part 1: Requirements for construction.  
**IEC 61730-2:2012**  
Photovoltaic (PV) module safety qualification – Requirements for testing.



**NABL**



Certificate No: T-1432



# WHAT WE DO .....

## TOSHIWA SOLAR Private Limited

We are in Solar Technology and offers following Products and Solar Systems to you,



- ❖ SOLAR Roof Top Systems for Domestic Purpose On Grid system  
– Net metering
- ❖ SOLAR Roof Top Systems for Commercials  
– Net metering (*Offices, Hotels, Hospitals, Shops, Commercials*)
- ❖ SOLAR Roof Top Systems for Government, NGO, Institutes, Trusts  
– Net metering
- ❖ SOLAR Roof Top Systems for all type of Industry  
– Net metering
- ❖ SOLAR Power Project for Industry – ZERO INVESTMENT
- ❖ SOLAR Power Project Plant – For Investors / Customers
- ❖ SOLAR AG Pumps for Agriculture
- ❖ SOLAR Street Lights
- ❖ SOLAR Off Grid Systems – For non electrified are / Remote locations



*Everything we do - whatever you think in SOLAR On Grid and Off Grid.....*



# Our Offering to YOU .....

## TOSHIWA SOLAR System Benefits

- **Green and clean Energy.**
- **Reduces Electrical bills.**
- **Use roof of building, No separate land required.**
- **No recurring cost.**
- **Less operational cost.**
- **Long life of solar plant.**
- **Operate even non- sunny days.**
- **Smoke, Noise free and Environment friendly.**
- **Plant capacity available as per requirement.**
- **30% Subsidy for Residential, Institutional, Social Sector (Not for Profit Registered organization only ) From Government of India.**
- **Depreciation benefit 40 % in the first year of commissioning for Private, commercial and industrial sector.**



**We take Total End to End Project Ownership to Ensure Your Benefits**

1 Kw to 10 Kw

SOLAR POWER SCHEME

SUBSIDY AVAILABLE



10 Kw to 5 MW

INDUSTRIAL SCHEME

40% DEPRECIATION

OPTION 1 – Zero Investment / Opex

Project

- Customer to provide land and Grid
- Either TOSHIWA or Customer will select Investor for Solar Project

Ownership

- Investor owns project and Customer has to do Power Purchase Agreement for agreed Years and payout as per contract rate of Units

Benefits

- Saving on Electricity Charges and long term Benefits / saving year on year...
- Utilization of idle space, generating income

OPTION 2 – Investment by Customer

Project

- Customer to provide land, Grid and Project capital Cost
- TOSHIWA will install Solar Plant in premises

Ownership

- Complete Project will be Owned by Customer
- Customer can do PPA with MSEB or use generated Electricity Units internally

Benefits

- Saving on Electricity Charges and long term Benefits / saving year on year...
- Utilization of idle space, generating income

# Mode of Application

## Main Applications :

- ✓ Residence
- ✓ Offices
- ✓ Commercial Building
- ✓ Residential Society
- ✓ Trust building
- ✓ Institute, College
- ✓ Government Building
- ✓ Street Lights
- ✓ Hospital
- ✓ Agriculture Pump
- ✓ Factory / Industry



**Solar Panel**



**Invertor**



**Home**



**Factory**



**Solar MW Project**



**Agri pump**



**Saving**

**Money**



- ✓ Load Study and Select Suitable Model
- ✓ Designing system and Proposal
- ✓ PO acceptance, Installation
- ✓ Commissioning and Trials
- ✓ Testing and Start up System
- ✓ Project Close, Enjoy Benefits
- ✓ Monitoring and Service Support

*Techno-Commercial Ownership and Commitment for Flawless Execution .....*

## Technical Specifications

	Single Phase	Three Phase
No of Unit generated per year	1500 Units per KW System	
Electrical Connection of Costumer	Single Phase	Three Phase
Plant Capacity	Up to 5 KWp Maximum	Above 5 KWp Customized
Module Mounting Structure	Customized as per Customer Requirement	as per Customer Requirement
Input	Roof mounted Galvanized Iron Material	
Output	DC Power as per plant capacity	
Output frequency	AC output power as per plant capacity.	
Maximum Peak efficiency of inverter	97%	98.20%
Operating Temperature	50 HZ +-5 HZ	
Display	-20°C to 60°C	
Monitoring	LCD	
	Optional	

What we do....

Differently

TOSHIWA SOLAR is unique advantage of applying End to End Process for your SOLAR Plant and System.

Let's start dialogue and sharing to evolve.....

## General Way of Project





# General Project Work Flow & Timelines .....



Generating Money with attractive **PAYBACK** through Solar **GREEN POWER**

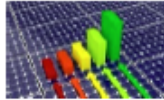
*\* This is typical general indicative Timelines for domestic Roof Top system.. May vary project to project.*



- ✓ Unbeaten Techno-hand
- ✓ Best Class Product
- ✓ End to End Support
- ✓ Fair & Economical Solution
- ✓ Proven & Big Successful Projects Base
- ✓ Widely spread Channel Partners and support
- ✓ Strong Base of company - Technically & Financially
- ✓ Banking Loan Support available for systems (\*eligible)

*Trusted Power.... Trusted People..... Go for Green.....Help Nature..... Help Nation*

# WHY WE & YOU .....



## Create New Profit Centre

Utilize unusable space in your premise to save electricity costs



## Reduce Carbon Emissions

Solar Power usage reduces coal & DG-set usage



## Generate New Income

Solar power produced is eligible for Renewable Energy Certificates



## Cater to Solar Purchase Obligation (SPO)

Solar Power produced will cater to state governed SPO



## Get Green Energy Independence

Cheap, Clean and Reliable Power will be produced from a solar plant



## Get PR Benefits

Going Solar provides significant media traction for businesses

OUR PROMISE TO YOU....

***By partnering with us, You will Gain Significant Benefits at Zero Risk.***

We mean it....

**'Going Solar' is not only a cost saving measure, but provides opportunity to generate new income, avoid penalties and consequently, provides significant business advantage.**

# Advanced Technology..... Online Data

## Above 8 Kw Solar Plant

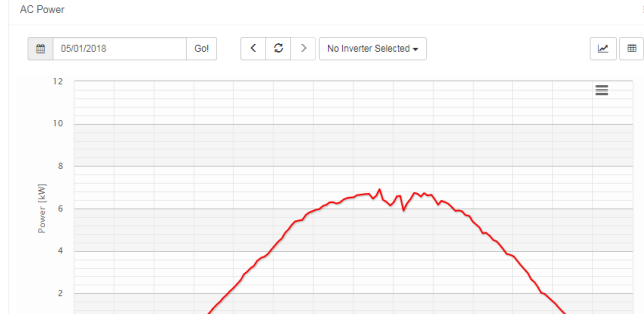


DeIREMO

Santosh Dange

Toshiba Solar Pvt Ltd  
Dr Chandrashekar G Chavan

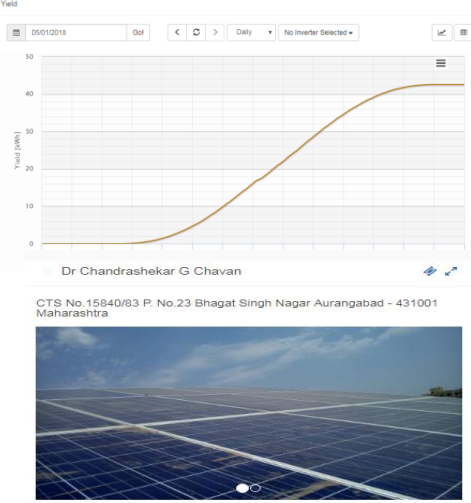
⚡ 42.55 kWh Today Energy  
⚡ 217.41 kWh Monthly Energy  
⚡ 9.67 MWh Total Energy  
💡 0.00 kW Wattage  
🌿 7.74 Ton CO<sub>2</sub> Saved  
💧 966.88 L Diesel Saved  
💰 96.69 K Total Earning (INR)



Dr Chandrashekar G Chavan

CTS No.15840/83 P. No.23 Bhagat Singh Nagar Aurangabad - 431001 Maharashtra

Installed Power **19 kWp**  
Commissioned on **27 Apr 2017**



Installed Power **10 kWp**

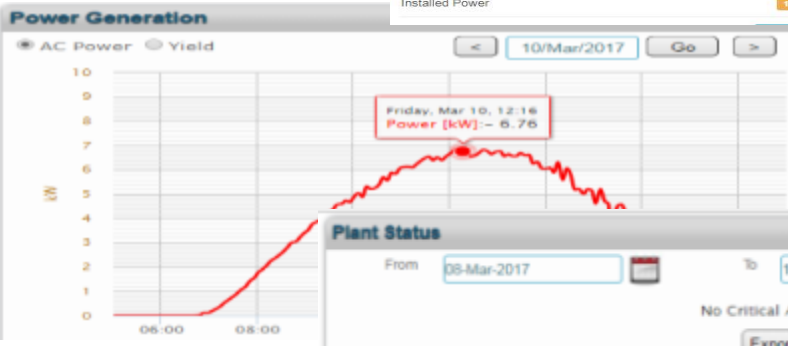
**Power Information**  
Today Energy (kWh) **484.54**  
Wattage (kW) **0.00**

**Environmental Benefits**

- 0.388 Tons CO<sub>2</sub> gas
- 49 Ltr diesel
- 4846 INR Earning



Installed power: 8.25 kWp  
Commissioned on: 11 Jan 2017  
[more...](#)



**Plant Status**

From  To

No Critical Alarm Found

- Toshiba Solar Pvt Ltd
- Dashboard
- Home
- Statistics
- Analytics
- Report
- Escalation List
- Notification
- PV system
- My Account

*\*\*Continuous Monitoring and online real time data .... Auto emails..... Lot more*



Write us : [sales@toshiwasolar.com](mailto:sales@toshiwasolar.com)

Visit us : [www.toshiwasolar.com](http://www.toshiwasolar.com)

Contact us : 08380083702

09822427271

0240 6559898

# Great Thanks to You.....

*Let's Start a Journey and be a Part of Green Community.....*