

GREEN ENERGY EVOLUTION

With

**BEDIKA
ENGINEERING**



BEDIKA ENGINEERING

GSTN: 21AHVPM9146P1ZG

Address - 952/3611, BEHERA SAHI, NAYAPALLI,
BHUBANESWAR, Khordha, Odisha, 751012

+91 94821 73006

bedika.eng@gmail.com

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 GSTN: 21AHVPM9146P1ZG
 Plot No- 952/3611, BEHERA SAHI, NAYAPALLI,
 BHUBANESWAR, Khordha, Odisha, 751012
 Phone: +91 94821 73006, E-Mail: bedika.eng@gmail.com

DATE	-
Quotation No	-
Customer ID	-

Quotation Valid until	5 Days
Prepared By	Asit - 91 9482173006

1.07Kwp
(Rs. 30,000 Subsidy)

Power Plant Capacity	1.07 KWP
Units Generated / Day	5
Units Generated / Month	162
Electricity Bill Saving/Month	₹ 810.00
Electry Bill Saving/Year	₹ 9,720.00

Comments or Special Instruction: 1.07 KWP Based Ongrid Solar Power Plant Set Up

Sl No.	Item	Item Description	Make	Qty	Qty In	Total
1	Mono PERC Solar Panel (DCR Module)	535Wp,144Cells	Renewsys/ Microtek/ Adani/Saatvik/ APS/Other Approved Make	2	Nos.	
2	On-Grid Solar Inverter	1Kw Ongrid-1Ph	Powerone/ Microtek Growwatt/ Solis/Other Approved Make	1	Nos.	
3	Solar Panel Structure (MMS)	70Kg	Galvanized	1	Set	
4	ACDB Box	230Vac-1Ph,20kA-40kA	Tribox, Isolator	1	Nos.	
5	DCDB Box	1.0Kwp-1000Vdc-Type2	Tribox, Isolator	1	Nos.	₹85,000
6	Other Electrical Access...	As per OERC Standrad	IS	1	Set	
7	Lighting Arrestor	LA Stand, Conventional LA, Insulator	-	1	Set	
8	Earthing Kit	GI Pit with BFC	Chemical	3	Set	
9	AC Cable	1Core-Flexible	Polycab	30	Mtr	
10	DC Cable	1Core-Type 1-Tinned Cu.	Polycab, Microtek	30	Mtr	
11	Earthing Cable	1Core-Flexible	Polycab, Bhakti	30	Mtr	
12	Installation & Commissioning	-	-	1	Set	
13	Civil Work	-	-	1	Set	
14	Transportation	-	-	0	Set	
Total Amount						₹85,000
Subsidy to customer A/C:						₹30,000

Net Meter and application costs are not included in the proposal and will be charges as per actuals

1	Net Meter 1Phase 2Wire as per OERC standard	Net Meter-1P	Secure	1	Nos.	₹20,000
2	Energy Meter 1Phase 2Wire as per OERC standard	Energy Meter-1P	Secure	1	Nos.	
3	Meter Testing Fee	Net Meter-1P / Energy Meter-1P	Secure	2	Nos.	
4	Meter Commissioning Fee	DISCOM	-	2	Nos.	

Note:

- Extra Transportation and Site Movement Depending on Requirements or Client Scope
- Anything more than what is specified at the site will be charged additionally.

Congratulations !

You have taken the first step towards saving your electricity bill and saving our environment. Based on our estimate of your roof space, we can install a solar plant with the following capacity and environmental benefits.

Solar Plant



1.07 KWP

Electricity



1944

Units of electricity saved per year

Financial Saving



₹ 9,720

Carbon Dioxide



1

Reduction in tons of CO2 emitted/year

Water



3,467

Liters of water saved

Trees

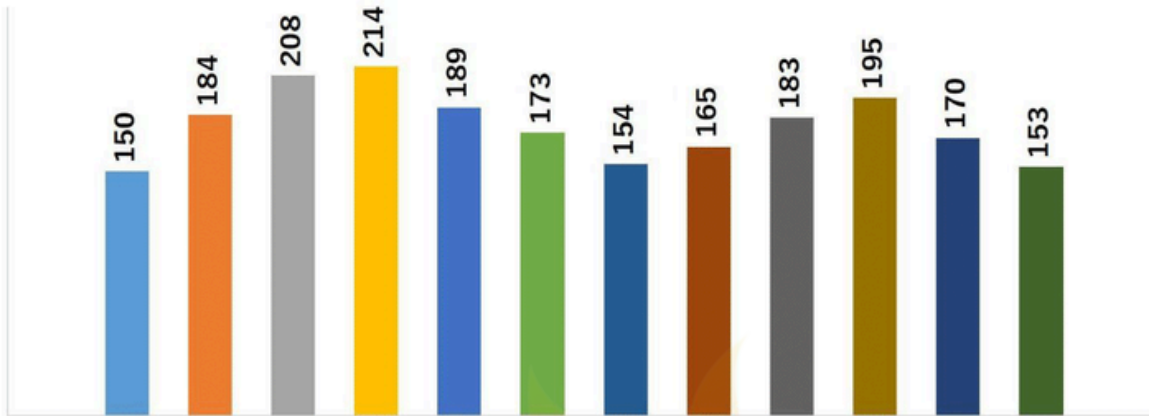


67

Trees Saved

1ST YEAR GENERATION IN UNITS

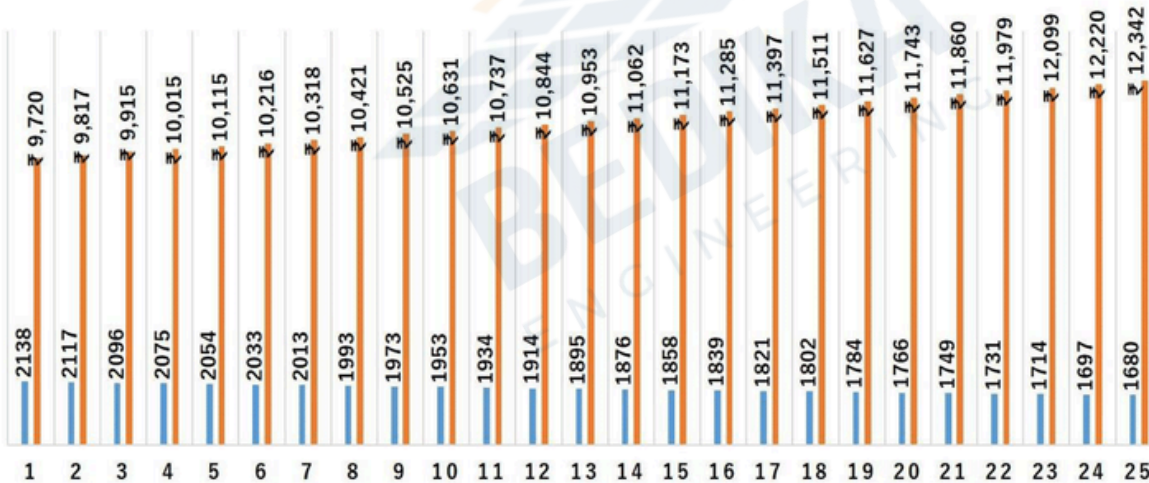
■ January ■ February ■ March ■ April
■ May ■ June ■ July ■ August
■ September ■ October ■ November ■ December



MONTHS

25YEARS (UNITS VS SAVING)

■ Units/Year ■ Savings/Year



Scope of Works

- Submission of details of design with drawing based on site.
- Submission of time schedule & bar chart before commencing the job.
- Following of the time schedule, bar chart for timely implementation.
- Supply, transportation of all necessary materials & equipment's to client site.

Payback Period (In Years)

6.17

Estimated 25 Years Total Generation

47505

Estimated 25 Years Total Saving

₹ 2,74,524

- Construction, and installation of the process system at client location.
- Submission of Operation & Maintenance manual including startup / shutdown procedures, emergency handling procedures, troubleshooting etc., details of equipment specifications, recommended spare list etc.
- Start-up & commissioning of the plant.
- Setting up distribution board.
- All necessary infrastructures for the plant with proper finishing and aesthetic.

Exclusions

- Computer, internet connectivity and related hardware.
- Construction water and power
- Rooftop acquisition and titles
- Scope of work of Bedika Engineering is electrical connection up to LT panel. LT panel and additional connection points with the LT panel are in Customer scope of duty.
- Control room is required as per our design.

Client's Scope

- Identification of site nearest to load
- Regular supply of water & electricity for execution of the job
- Engagement of two personnel to be trained on operation and maintenance of the plant. To manage all statutory documents, require for the plant operational
- Cleaning & cutting of trees, vegetation, debris & removal of civil constructions in Owner scope.

Payment Terms

70% Advance, 20% Before Delivery Of Materials, 10% After Completion

Warranty Terms

- Solar Panel: 25 Years Limited Power Output Warranty
- Solar Inverter: 5 Years Repair & Replacement Warranty All
- Other Item: 1 Years Repair & Replacement Warranty

Company's Bank Details:

State Bank Of India
Company Name: BEDIKA ENGINEERING
A/C No.: 40661649932
IFSC Code: SBIN0012025



**THANK
YOU**

**IF YOU HAVE ANY QUESTIONS CONCERNING
THIS QUOTATION PLEASE CONTACT US !!!**

THANK YOU FOR YOUR BUSINESS !!!