



## Key Indicator - 7.1 Institutional Values and Social Responsibilities

*Metric No: 7.1.2 The Institution has facilities and initiatives for*

1. *Alternate sources of energy and energy conservation measures*
2. *Management of the various types of degradable and nondegradable waste*
3. *Water conservation*
4. *Green campus initiatives*
5. *Disabled-friendly, barrier free environment*

### 1. ALTERNATE SOURCES OF ENERGY AND ENERGY CONSERVATION MEASURES

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## 1. PJLCOP's Commitment to Renewable Energy

The PJLCOP has started solar initiative in the year 2019. The project is a hybrid power generation plant of 33 KW capacity. It incorporates a three--tier hybrid power generation system with solar updraft tower technology, solar cells & a micro windmill unit. The system is fully functional & operates throughout the year irrespective of the seasons. The system is installed in the campus of PJLCOP. The system is grid active with net metering system, giving practically 60% reduction in electricity bill. Priyadarshini Girls Hostel situated at Hingana road, T point is also equipped with solar systems of 50 KW capacity.



## 2. Net metering bill (Wheeling to the Grid)

32634


**Maharashtra State Electricity Distribution Co. Ltd.**  
 Mar-2021  
**BILL OF SUPPLY FOR THE MONTH OF**

CIN : (M)10RMH200560C130845  
NAGPUR (U) CIRCLE - 699 MIDC METER N4 UPOR 178 MIDC - II SIDC - 09

GSTIN: 27AAECM2933K1ZB Website: www.mahadiscom.in HSN CODE: 37169000

Consumer No. 419993202119 SOLAR NET METER (33.00 KW)		BILL DATE: 09/04/2021	₹ 7580.00
Consumer Name: THE CHAIRMAN PRIYA DARSHANI COLLEGE		DUE DATE: 23/04/2021	
Address: ENGINEER		IF PAID UP TO: 15/04/2021	₹ 7510.00
ELECTRIC ZONE BUILDING		IF PAID AFTER: 23/04/2021	₹ 7680.00
Village: NAGPUR Pin Code: 440014		Last Receipt No./Date: 25-03-2021	
E-mail: tjxxxxxx@gmail.com Activity		Last Month Payment: 0.00	
Mobile No: xxxxxxx72	Meter No.: 055-XG454096	Scale / Sector: Large Scale / Private Supplier	
Sanctioned Load (KW): 55 KW	Connected Load (KW): 55 KW	Scale / Sector: SCHOOLS AND COLLEGES-OTHER	
Contract Demand (KVA): 4.00	50% of Con. Demand (KVA): 0.00		
Tariff: 88 LT-VII B1	DTC: 4691670	Feeder Voltage (KV):	
	GRE Dtg/Pole	PC-MR-ROUTE-SEQ: 00-40-0002-0011	

Date of Connection: 30/12/1963	Category: Public Services Other	GSTIN:
Supply at: LT	Elec. Duty: 02 PART A	PAN:
Prev. Highest (Mth):	Prev. Highest Bill Demand (KVA):	
Security Deposit Held Rs. 57320.00	Addl. S.D. Demanded Rs.: 0.00	
Bank Guarantee Rs.:	S D Arrears Rs.:	

**BILLING HISTORY**

Bill Month	Units	Bill Demand(KVA)	Bill Amount
Feb-2021	122	14	7221.59
Jan-2021	130	14	7410.12
Dec-2020	137	14	7492.57
Nov-2020	134	14	7425.21
Oct-2020	143	14	7663.25
Sep-2020	125	14	7251.23
Aug-2020	127	14	7374.79
Jul-2020	126	14	7334.77
Jun-2020	702	14	4154.03
May-2020	1058	22	20579.12
Apr-2020	1058	22	16511.07
Mar-2020	315	14	9442.45

**CUSTOMER CARE Toll Free No.**  
**1912,1800-233-3435,**  
**1800 102-3435**

Rule & Procedure for Consumer Grievances Redressal is available at [www.mahadiscom.in/consumer-portal-CGRF](http://www.mahadiscom.in/consumer-portal-CGRF)

Instead of Printed bill, register for E-bill and avail Rs. 10 per bill as a "Go-green" discount

For registration visit at [www.mahadiscom.in/consumer-portal](http://www.mahadiscom.in/consumer-portal) Quick access - Go-green request

Maintain Harmonic distortion within limit as prescribed by IEEE STANDARD 519-1992 to avoid penalty

Avail Power factor incentive up to 3.5% maintaining power factor above 95% to 100%

Avail load factor incentive up to 15% by maintaining constant load profile.

Avail 1% prompt payment discount by paying bills within prompt payment date.

For making Energy Bill payments through RTGS/NEFT mode, use following details

- Beneficiary Name: MSEDCI
- Beneficiary account no.: MSE/DCL01419993202119
- IFSC Code: SBIN00096965, Name of Bank: STATE BANK OF INDIA, Name of Branch: IFR BXC
- Bill Amount: Rs per bill

Disclaimer: Please use above bank details only for payment against consumer number mentioned in beneficiary account number


In case of energy bill paid through NETT (RTGS) date of amount credited in MSEDCI bank account will be considered as bill payment date

**आता नवीन औद्योगिक वीज जोडणी अधिक सलभते**

*Ease of doing business*

नवीन वीज जोडणीसाठी गरज केवळ दोनच दस्तावेजाची

मालकी हक्क / बांधिपटाचा पुरावा





### 3. Solar Generation Report



Email: info@galaxysolarenergypvtltd  
Web: www.galaxysolarenergy.com

To,  
**The Priyadarshini Pharmacy College**  
Electric Zone Building, Hingna,  
Nagpur.

Date:- 17-03-2023

**Plant Capacity:- 33 KW**  
**Consumer No.:- 419993202119**

#### Solar Generation

Month	Solar Generation (KWH)	Remark
Mar-22	4051.14	All Clear
Apr-22	4181.82	All Clear
May-22	4126.69	All Clear
Jun-22	2452.18	Partially Rainy Weather
Jul-22	2286.46	Heavy Rainy
Aug-22	3026.08	Heavy Rainy
Sep-22	3330.68	Rainy Weather
Oct-22	3363.50	Rainy Weather
Nov-22	3255.00	Partially Rainy Weather
Dec-22	2254.96	Partially Cloudy Weather
Jan-23	2490.84	Low Radiation
Feb-23	3040.00	Low Radiation



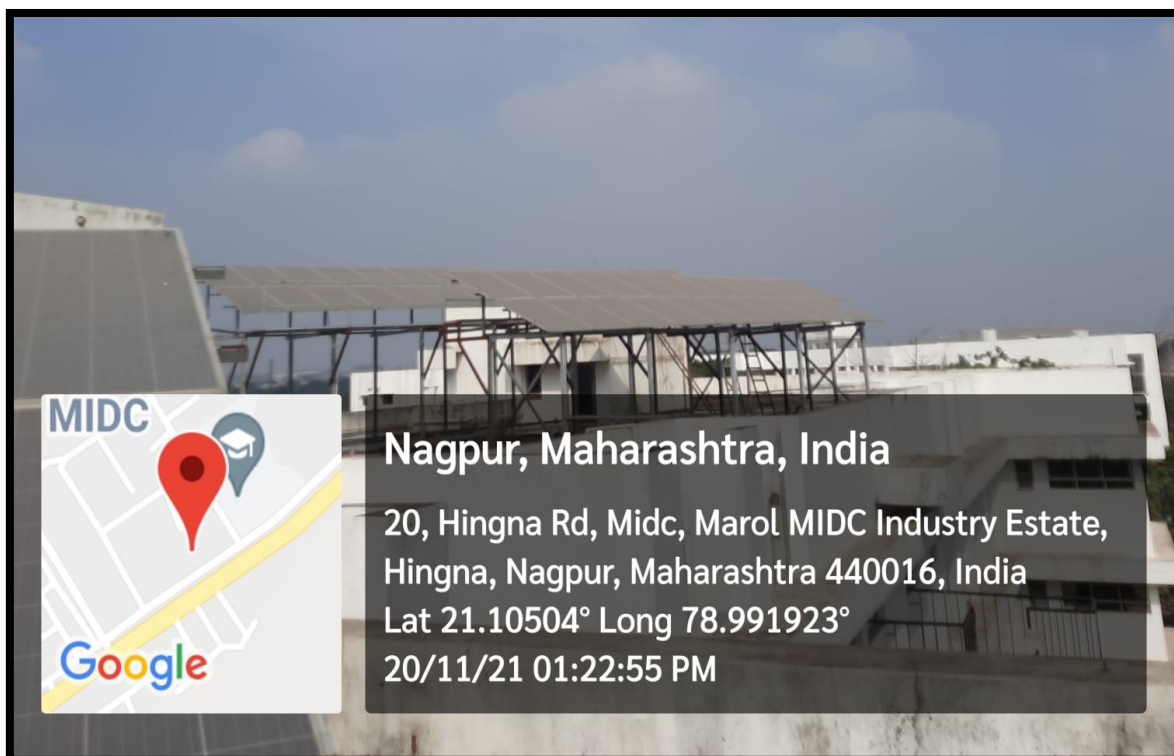
Galaxy Solar Energy Pvt. Ltd.

Block No -1, 2 and 4, 2nd Floor, Maxx Pride. Beltarodi Road. Near Beltarodi Police Station. Nagpur.  
Maharashtra 440037. Ph No: 7721994477 / 7887888795



#### 4. Solar panels mounted at buildings of PJLCOP ( Total Capacity 33Kw)

PJLCOP uses renewable source of energy in the form of installation of solar panel on the rooftop of buildings. The total capacity of solar panel is 33kw. This can decrease the load of electric energy.





### 5. Solar panels mounted at girls hostel of PJLCOP (Total Capacity 50Kw)

The use of conventional energy is now replaced by renewable energy source. The girls hostel has installed solar panels of capacity 50 kw which are important for conservation of energy.





## 6. LED lighting in college premises.

The light-emitting diode (LED) is today's most energy-efficient and rapidly-developing lighting technology. Quality LED light bulbs last longer, are more durable, and offer comparable or better light quality than other types of lighting.





## 7. Sensor based water level controller

The sensor based water level controller detects the level of water. These measurements can be done inside tanks and can be used to determine the amount of water within a closed container. The sensors send information to the control panel to trigger an alarm or indicator. This can save energy.

