



ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY

MANGALWARI BAZAAR ROAD, SADAR, NAGPUR - 440001.

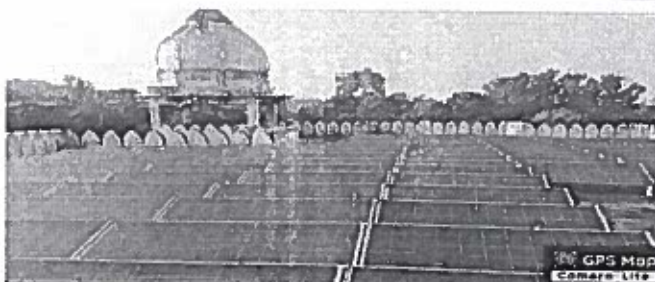
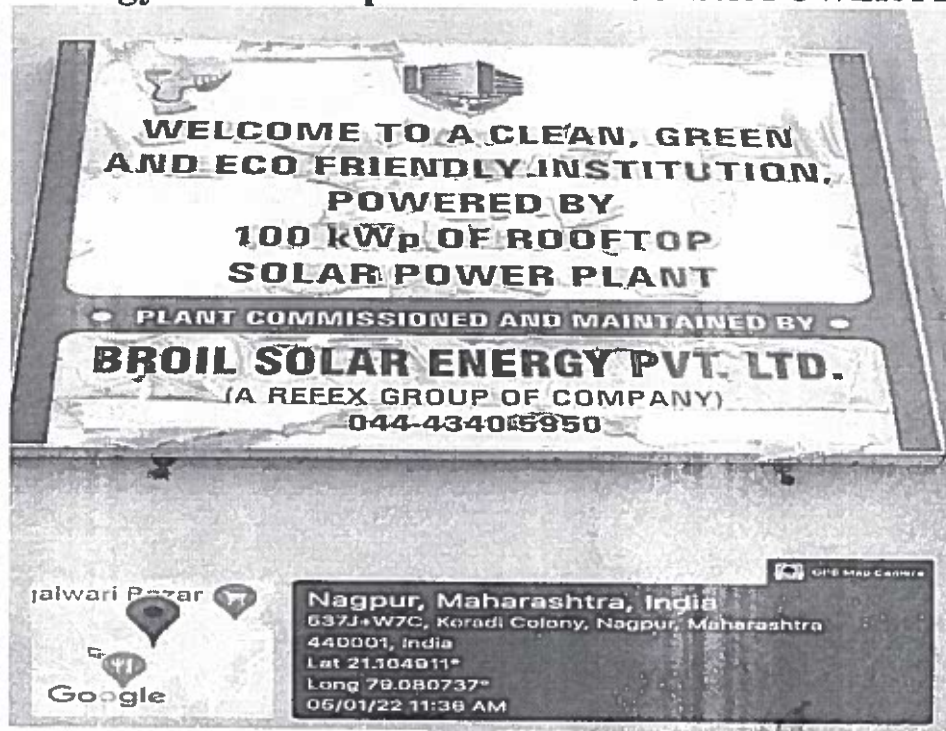
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ACADEMIC SESSION 2020-2021

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

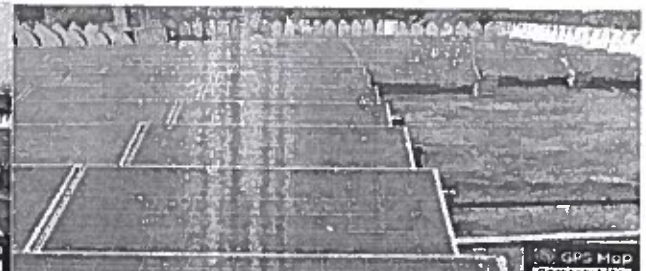
1. Solar energy
2. Use of LED bulbs/ power efficient equipment
3. Wheeling to the Grid
4. Sensor-based energy conservation

1. Solar energy : 100 KWp of ROOFTOP SOLAR POWER PLANT



Mangalwari Complex 1, Chindwada Rd, Koradi Colony, Nagpur, Maharashtra 440001, India

Latitude 21.16509755607694 Longitude 79.08075677230954°
 Altitude 241 meters
 Tuesday, 04-01-2022
 Local 04:51:38 PM
 GMT 11:21:38 AM



Mangalwari Complex 1, Chindwada Rd, Koradi Colony, Nagpur, Maharashtra 440001, India

Latitude 21.16514177061617 Longitude 79.08075870014727°
 Altitude 236 meters
 Tuesday, 04-01-2022
 Local 04:51:31 PM
 GMT 11:21:31 AM

*AGREEMENT ATTACHED

Coordinator

Dr. Archana Shirbhate
HOD

Dr. SYED MOHAMMAD ALI
Principal
Anjuman College of Engineering & Technology



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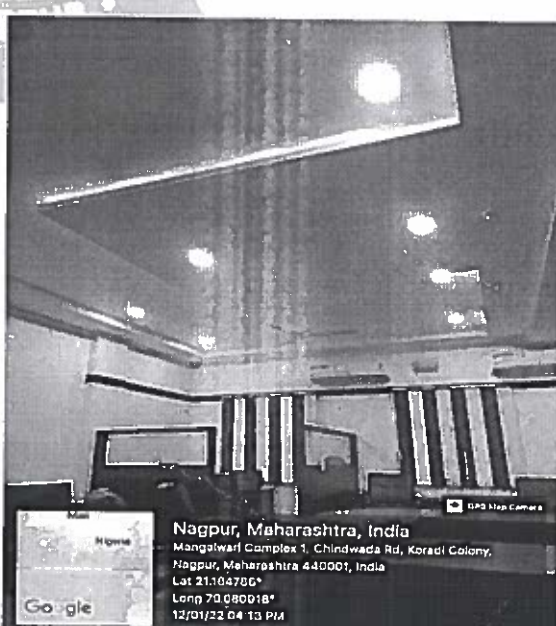
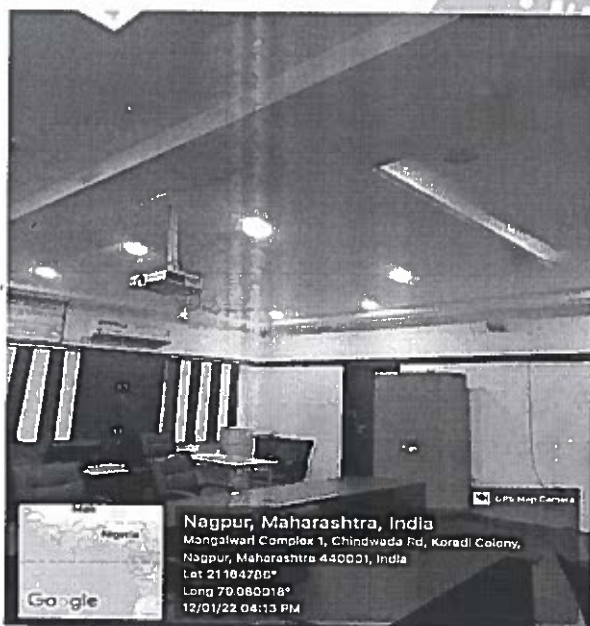
ACADEMIC SESSION 2020-2021

2. Use of LED bulbs/ power efficient equipment

Power requirement met by renewable	Total power requirement	Renewable energy source	Renewable energy generated and used	Energy supplied to the grid
99990 KWh (Units)	111330 KWh (Units)	Yes (Solar Panel)	Generated Units 99990 KWh (Units) Used Units	30288 KWh (Units)

Percentage of lighting power requirements met through LED bulbs

Total Lighting requirements	Percentage Lighting through LED bulbs	Percentage Lighting through other sources
LED 70 x 15 wattage Tube Light 665 x 40 wattage Total = (665*40) + (70*15)	$\frac{(70 \times 15)}{(665 \times 40) + (70 \times 15)} \times 100$ <p>= 3.79%</p>	$\frac{(665 \times 40)}{(665 \times 40) + (70 \times 15)} \times 100$ <p>= 96.20 %</p>



[Signature]
Coordinator

[Signature]
Dr. Archana Shirbhate
HOD

[Signature]
Dr. SYED MOHAMMAD ALI
Principal
Anjuman College of Engineering & Technology, Sadar, Nagpur.



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3. Wheeling to the Grid:

The institute has facilities for alternate sources of electrical energy. The institute has 100KW rooftop solar power plant. The institute has net metering facility, which helps to import and export the Electrical energy from the grid.

(MSEB electricity bill is attached herewith for your kind reference)

Ver 1.23 BT Page 1

Maharashtra State Electricity Distribution Co. Ltd.

MAHAVITARAN
Maharashtra State Electricity Distribution Co. Ltd.

BILL OF SUPPLY FOR THE MONTH OF NOV-2021 202111260844185

GSTIN 27AAEC02933K1378 Website www.mahadiscom.in HSN CODE 27162030

NAGPUR URBAN CIRCLE - 699 CIVIL LINE DIV - 674 M.R.S. SUB-DIVISION - 670 1

Consumer No. : 410018007170 ANJUMAN	BILL DATE 04/12/2021	DUE DATE 18/12/2021	46,460.00
Consumer Name : M/S ANJUMAN COLLEGE OF ENGINEERING AND TECHNOLOGY	IF PAID UPTO 10/12/2021	46,076.00	
Address : SADAR RESIDENCY ROAD NAGPUR	IF PAID AFTER 18/12/2021	47,646.00	
Village: Pin Code : 440001	Last Receipt No./Date : 0002051045 / 11-11-2021		
Email : ***.scat@gmail.com	Last Month Payment : 46,600.00		
Mobile No. : Meter No. : 055-00519138 Seasonal : Load Shed Ind : REQUEST	Scale / Sector : Large Scale / Private Sector		
Sanctioned Load (KW): 200 Connected Load (KW) : 200.00 Urban/Rural : Urban Express Feeder : No			
Contract Demand (KVA) : 100.00 60% of Con. Demand (KVA) : 60.00 Feeder Voltage (KV) : 11 LIS Indicator :			
Tariff : 145 HT-VIII B old trf HT-VIII B			
Date of Connection : 18/03/2004 Category : PUBL. SERVICES OTH GSTIN :			
Supply at : HT Elec. Duty : 06 PART B PAN : AABTA0723B			
Prev. Highest (Mth) : JUL Prev. Highest Bill Demand (KVA) : 45			
S.D. Held Rs. : 2,04,300.00 Addl. S.D. Demanded Rs. : 0.00			
Bank Guarantee Rs. : 0 S.D. Arrears Rs. : 0.00			

Bill Month	Units	Bill Demand(KVA)	Bill Amount
OCT-21	1,174	60	46,990
SEP-21	1,108	60	46,120
AUG-21	1,028	60	45,023
JUL-21	1,150	60	46,686
JUN-21	1,165	60	50,226
MAY-21	1,100	60	45,994
APR-21	1,059	60	45,445
MAR-21	1,059	55	41,603
FEB-21	1,031	55	41,429
JAN-21	1,169	55	43,310
DEC-20	1,104	55	42,423
NOV-20	1,018	55	41,218

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

NRCC: EKE.ENG@ICADN, PRAKASH BHAVAN, SADAR, NAGPUR, Phone - 07122553254

In case of non-redressal of grievances here, consumer may make his presentation to below forum

CCRP: EKE.ENG@ICCRP, PRAKASH BHAVAN, SADAR, NAGPUR, Phone - 07122356318

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

- Beneficiary Name: MSEEDCL
- Beneficiary Account Number: MSEEDHT01410019007170
- IFSC Code: 0000009688 (7th, 8th and 9th character (3 bars))
- Name of Bank: SBI Bank
- Name of Branch: PFL/DRCC Branch, MSEEDCL

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

Tariff Revised w.e.f. 01.04.2021. Tariff Order is available at Mahavitaran Portal.

- Physical Bills are not served. You can view and pay bill online at portal <https://www.mahadiscom.in/vas/vas>
- Consumer can pay bill through portal using various online modes.
- As per Income Tax provision vide section 266 BT cash receipt of Rs. 2.09 lakhs and above will not be accepted by MSEEDCL against any type of payment.
- As per MERC order dt. 24/02/2021, monthly energy bill payment in cash is limited Rs.5000/- w.e.f. 01/11/2021.
- As per SSI Notification dt. 14.08.2020, rate of Electricity Duty for Part-F Industrial is revised from 9.3% to 7.5% from billing month Aug-20

Activity: EDUCATIONAL INSTITUTIONS SCHOOLS AND COLLEGES OTHER THAN THE STATE OR CENTRAL GOVERNMENT OR LOCAL SELF GOV.BODIES

Important Message :

- Consumers can pay online using Net Banking, Credit/Debit cards at <https://vas.mahadiscom.in/vas/vas> after registration.
- Submit / update your E-mail id and mobile number to Circle office for receiving prompt alerts through SMS
- Submit / update your PAN and GSTIN to circle office with copies of PAN and GSTIN for verification.
- Special desk is operational for HT Consumers, please contact : htconsumer@mahadiscom.in for any clarification / query or grievance.
- The Electricity Bill should not be used for the address proof and as a proof of property ownership.
- For any payment to MSEEDCL, ENSURE & VERIFY for computerized receipt with unique system generated receipt number. Do not accept hand written receipt. Pay online to avoid any inconvenience.

Coordinator

Dr. Archana Shirbhate
HOD

Dr. SYED MOHAMMAD ALI
Principal
Anjuman College of Engineering & Technology



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ACADEMIC SESSION 2020-2021

Consumer No. : 410019007170

CURRENT CONSUMPTION DETAILS						
Reading Date	KWH	KVAH	RKVAH (LAG)	RKVAH (LEAD)	KW (MD)	KVA (MD)
Current 30/11/2021	12085.500		462.000	6474.000	19 280	19 440
Previous 31/10/2021	10125.500		383.000	5444.500		
Difference	1940.000		89.000	1029.500		
Multiplying Factor	2.000		2.000	2.000	2.000	2.000
Consumption	3880.000		138.000	2059.000	38.580	38.880
L.T. Metering	0.000		0.000	0.000	0.000	0.000
Adjustment	-2894.000		0.000	0.000	0.000	0.000
Assessed Consumption	0.000		0.000	0.000	0.000	0.000
Total Consumption	986.000	1133.000	138.000	2059.000	39.000	39.000

BILLING DETAILS				Amount in Rs.		
Billed Demand (KVA)	60	@ Rs.	432.00	Demand Charges	25 920.00	
Assessed P.F.		Avg. P.F.	0.870	Wheeling Charge @ 0.58 Rs/U	634.48	
Billed P.F.	0.870	L.F.	8	Energy Charges	10,434.93	
Consumption Type	Units	Rate	Charges Rs.	TOD Tariff EC	1,248.30	
Industrial	1,133	8.21	10,434.93	FAC @ 0.00 Ps./U	0.00	
Residential	0	5.70	0.00	Electricity Duty	8,029.50	
Commercial	0	11.20	0.00	Bulk Consumption Rebate	0.00	
E.D. on (Rs.)	Rate %	Amount Rs.		Tax on Sale @ 18.04 Ps./U	187.73	
0.00	0.00	0.00		Incremental Consumption Rebate	0.00	
0.00	18.00	0.00		Charges For Excess Demand	0.00	
38,235.71	21.00	8,029.50		Tax Collection at Source	0.00	
TOD Zone	Rate	Units	Demand	Charges Rs.	Debit Bill Adjustment	0.00
06:00 Hrs-08:00 Hrs & 22:00 Hrs-24:00 Hrs	-1.50	0	18.00	0.00		
08:00 Hrs-09:00 Hrs & 12:00 Hrs-18:00 Hrs	0.00	0	39.00	0.00		
09:00 Hrs-12:00 Hrs	0.80	0	6.00	0.00		
18:00 Hrs-22:00 Hrs	1.10	1,133	20.00	1248.30		
Amount in Words	FORTY -SIX THOUSAND FOUR HUNDRED SIXTY ONLY				TOTAL CURRENT BILL	46,452.94
					Current Interest 02/12/2021	0.00
					Principal Arrears	2.48
					Interest Arrears	0.00
					Total Bill Amount (Rounded) Rs.	46,460.00
					Delay Payment Charges Rs.	580.68
					Amount Payable After 15/12/2021	
					Amount Rounded to Nearest Rs 10/-	47,040

Total Solar Generation Units : 10488; Rooftop Solar Units Export : 6415; Import: 3880; Adjusted : 2894; Bank : 21502; Rooftop Solar Net Metering Capacity : 100 KW; Rooftop Solar Installation Month : Apr-18;
PROMPT DISCOUNT Rs. 382 IF PAID ON OR BEFORE 16-DEC-21

CONDITIONS

- The total bill amount of the bill may be remitted by a Crossed Demand Draft/Cheque drawn in favor of "Maharashtra State Electricity Distribution Co. Ltd." Whenever Security Deposit is demanded separate Cheque/Bank Draft should be sent.
- The current bill is payable within fifteen days from the date of issue of the bill. Even if there is any discrepancy in the bill or any other clarification needed, consumers are requested to pay the billed amount in full provisionally or under protest subject to review and subsequent adjustment, so that payment of delayed payment charges is avoided.
- This bill is issued subject to the provision of the "Conditions and Miscellaneous charges for supply of Electrical Energy" of the MSEDCCL.
- Please quote the Consumer Number on the back of the Cheque. The payment of this bill should be made at Company's office only.
- If the cheque is sent by post, the same should be posted three clear days in advance of the due date.
- In case of payment made through RTGS/NEFT/Cheque/DD/Pay Order, the date of amount credited to MSEDCCL's account will be treated as receipt date.

Collection Hours : 10-30 to 16-00 Hours (Except on Bank Holidays, Sundays, 2nd and 4th Saturdays)

Coordinator

Dr. Archana Shirbhate
HOD

DR. SYED MOHAMMAD ALI
Principal
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Consumer No : 410019007170

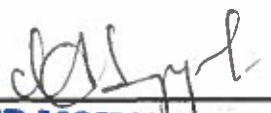
Page 3

Consumer No : 410019007170

Export / Generation Meter Readings						
Meter Type	Current Reading		MF	Consumption Adjustment	SLOTWISE UNITS	
	Previous Reading	Difference			Slot 1	Slot 3
Meter Serial Number				Total Consumption	Slot 2	Slot 4
TOD EXPORT METER 555-X0519138	30/11/21	15282.80	2.00	6415.00		
	31/10/21	12078.00		0.00	0.00	3313.00
		3207.80		6415	3102.00	0.00
TOD SOLAR GENERATION METER 055-X1444332	30/11/21	12609.80	1.00	2854.40		
	31/10/21	9755.20		0.00	3.00	1253.00
		2854.40		2854	1588.00	1.00
TOD SOLAR GENERATION METER 055-XC467374	30/11/21	194491.00	2.00	7613.80		
	31/10/21	190684.20		0.00	1.00	3421.00
		3806.80		7614	4188.00	3.00


Coordinator


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HOD

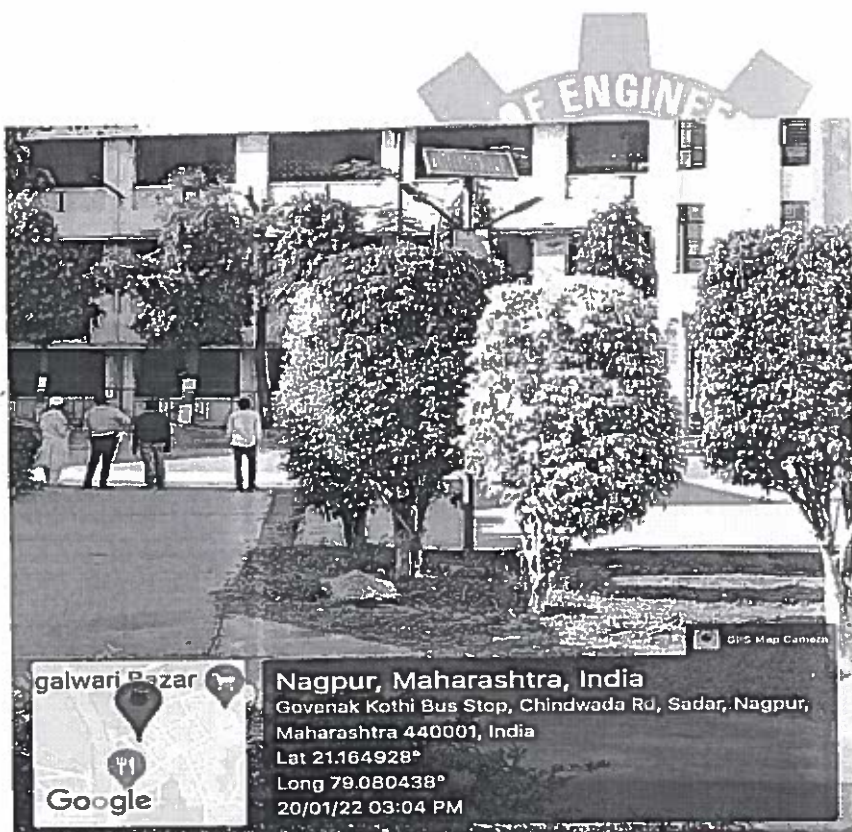

Dr. SYED MOHAMMOD
Principal
Anjuman College of Engineering
& Technology, Sadar, Nagpur



4. Sensor-based energy conservation

The energy obtained from sun, wind, geothermal, tidal, waste material, biomasses are known as non-conventional sources of energy. They are generally pollution free. Less expensive due to local use and easy to maintain. Now a day, present conventional energy assets are fast depleting and cost of energy increasing, it is very essential to conserve energy and utilized it more efficiently. This also helps in reducing environmental pollution. Electricity becomes one of the essential needs of the locality so it is necessary to utilize it effectively.

Thus we have to replace the conventional source of energy by non-conventional source of energy as solar is concerns which is abundantly available in nature. Therefore we are designing and fabricating solar operated street light for the purpose of enlighten the rural area where the supply of the electricity is difficult.



Solar street lights using solar energy

Coordinator

Dr. Archana Shirbhate
HOD

Dr. SYED MOHAMMAD ALI
Principal
Anjuman College of Engineering
& Technology, Sadar, Nagpur



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ACADEMIC SESSION 2020-2021



Solar Street lights using solar energy in ACET Campus


 Coordinator


 Dr. Archana Shirbhate
 HOD


 Dr. SYED MOHAMMAD ALI
 Dr. Syed Mohammad Ali
 Anjuman College of Engineering
 & Technology, Sadar, Nagpur.

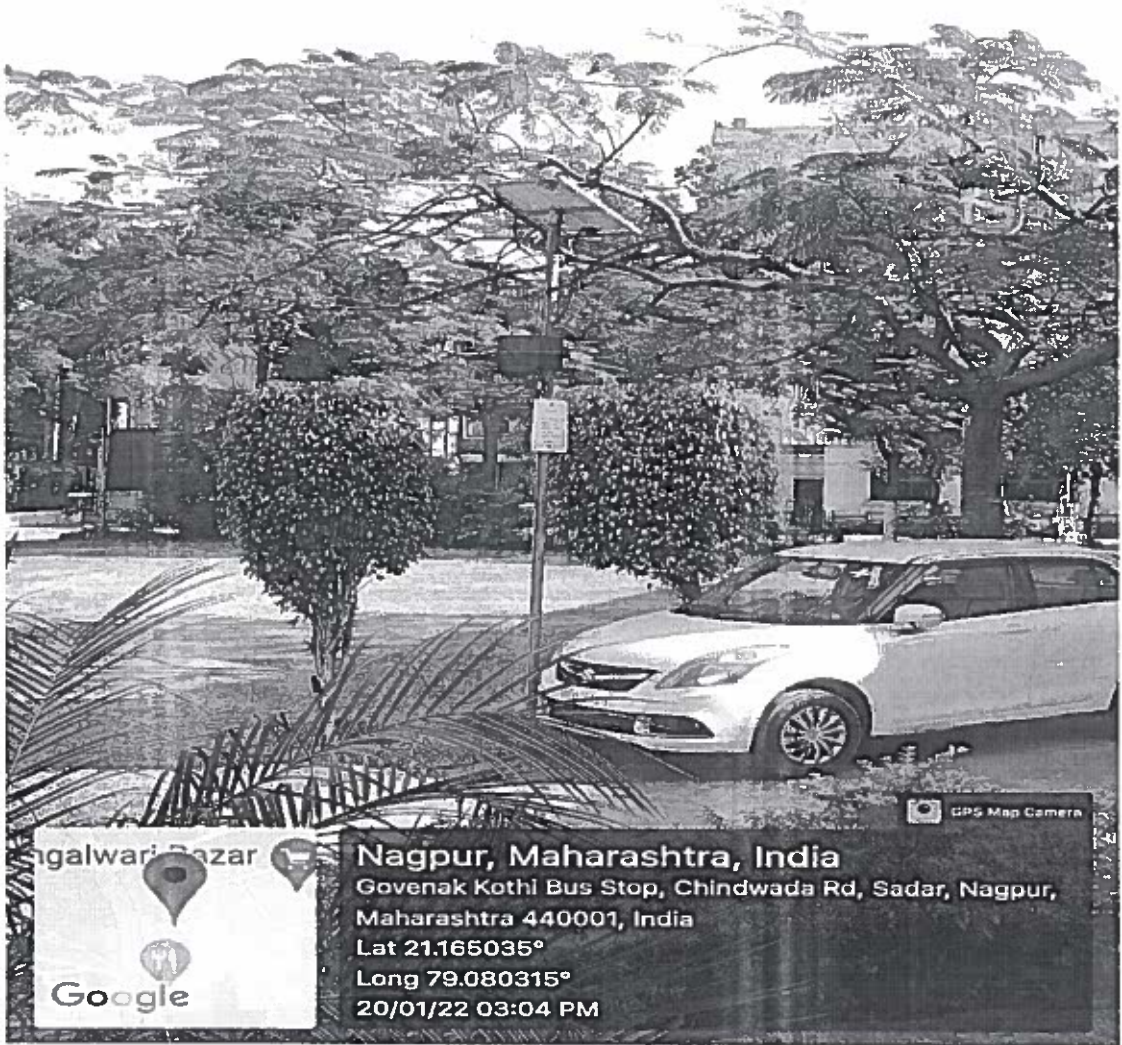


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MANGALWARI BAZAAR ROAD, SADAR, NAGPUR - 440001.

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ACADEMIC SESSION 2020-2021




Nagpur, Maharashtra, India
Govenak Kothi Bus Stop, Chindwada Rd, Sadar, Nagpur,
Maharashtra 440001, India
Lat 21.165035°
Long 79.080315°
20/01/22 03:04 PM

Solar Street lights using solar energy in ACET Campus


Coordinator


Dr. Archana Shirbhate
HOD


Dr. Syed Mohammed Ali
Principal
Anjuman College of Engineering
& Technology, Sadar, Nagpur



ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY

MANGALWARI BAZAR ROAD, SADAR, NAGPUR - 440 001

(Managed by Anjuman Hami-E-Islam, Sadar, Nagpur)

Ph : 0712-2582749, 2583559, 6604502, Fax 0712-2583559

Web Site : www.anjumanengg.edu.in E-mail : eng_acet@rediffmail.com/eng_acet@gmail.com

Ref. No ACET/P/15692/18

Date 03.04.18

To,
Dy. Engineer
SNDL Office, Chapru Nagar,
Nagpur.

SUB ; APPLICATION FOR TESTING OF SOLAR NET METER- 01 NOS, CT METER 200/5- 03NOS AND GENERATION METER -01 NOS FOR 100 KW SOLAR PLANT AT ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY, SADAR, NAGPUR

Respected Sir,

We have installed 100 kw roof top solar power plant in our college Anjuman Engineering College for electricity generation and self consumption purpose. As per policy we have replace the existing meter with bidirectional net meter so here we procure the approved net meter, ct meter, generation meter as recommended.

Kindly requested you to accept our application for testing of

1. Solar Net Meter- 01 Nos, Sr. No. X0519138
2. Generation Meter -01 Nos Sr. No. XC467415
3. CT Meter 200/5- 03NOS

Regards,

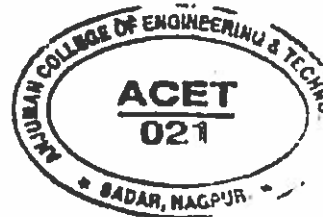
PRINCIPAL

ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY

PROF. DR. SAAD ANWAR

PRINCIPAL

ANJUMAN COLLEGE OF ENGINEERING
& TECHNOLOGY, SADAR, NAGPUR



Received by
Kawdesha P. Patil,
04/04/2018

33

(Nawaz Sheikh)

Dr. SYED MOHAMMAD ALI
Principal
Anjuman College of Engineering
& Technology, Sadar, Nagpur



महाराष्ट्र MAHARASHTRA

2018

TF 980841

16 MAR 2018

NOTARIAL REG.
ENTRY NO. 294
DATE 21/4/2018

Stamp mark with illegible text

ANNEXURE - 3

Net Metering Connection Agreement

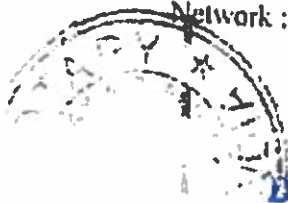
This Agreement is made and entered into at (location) Sadar, Nagpur on this (date) 02 day of (month) 04 (year) 2018 between the Eligible Consumer (Name) Anjuman College of Engg having premises at (address) Sadar, Nagpur and Consumer No. 210019007170 as the first Party.

AND

The Distribution Licensee SHDL (hereinafter referred to as 'the Licensee') and having its Registered Office at (address) _____

as second Party of this Agreement;

Whereas, the Eligible Consumer has applied to the Licensee for approval of a Net Metering Arrangement under the provisions of the Maharashtra Electricity Regulatory Commission (Net Metering for Roof-top Solar Photo Voltaic Systems) Regulations, 2015 (The Net Metering Regulations) and sought its connectivity to the Licensee's Distribution Network:



Dr. SYED MOHAMMAD ALI
Principal
Anjuman College of Engineering
& Technology, Sadar, Nagpur.

(Nawaz Sheikh)

Received by
P. Parthiv



महाराष्ट्र MAHARASHTRA

2018

NAGPUR TF 980842

16 MAR 2018

And whereas, the Licensee has agreed to provide Network connectivity to the Consumer for injection of electricity generated from its Roof-top Solar PV System of ~~100~~ kilowatt;

Both Parties hereby agree as follows:-

1. Eligibility:

The Roof-top Solar PV System meets the applicable norms for being integrated into the Distribution Network, and that the Eligible Consumer shall maintain the System accordingly for the duration of this Agreement.

Technical and Inter-connection Requirements:

The metering arrangement and the inter-connection of the Roof-top Solar PV System with the Network of the Licensee shall be as per the provisions of the Net Metering Regulations and the technical standards and norms specified by the Central Electricity Authority for connectivity of distributed generation resources and for the installation and operation of meters.

The Eligible Consumer agrees, that he shall install, prior to connection of the Roof-top Solar PV System to the Network of the Licensee, an isolation device (both automatic and in built within inverter and external manual relays); and the

Dr. SYED MOHAMMAD ALI
Principal
Anjuman College of Engineering
& Technology, Sadar, Nagpur.

(Nawaz Sheikh)

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Licensee shall have access to it if required for the repair and maintenance of the Distribution Network.

The Licensee shall specify the interface/inter-connection point and metering point.

The Eligible Consumer shall furnish all relevant data, such as voltage, frequency, circuit breaker, isolator position in his System, as and when required by the Licensee.

3. Safety:

The equipment connected to the Licensee's Distribution System shall be compliant with relevant International (IEEE/IEC) or Indian Standards (BIS), as the case may be, and the installation of electrical equipment shall comply with the requirements specified by the Central Electricity Authority regarding safety and electricity supply.

The design, installation, maintenance and operation of the Roof-top Solar PV System shall be undertaken in a manner conducive to the safety of the Roof-top Solar PV System as well as the Licensee's Network.

If, at any time, the Licensee determines that the Eligible Consumer's Roof-top Solar PV System is causing or may cause damage to and/or results in the Licensee's other consumers or its assets, the Eligible Consumer shall disconnect the Roof-top Solar PV System from the distribution Network upon direction from the Licensee, and shall undertake corrective measures at his own expense prior to re-connection.

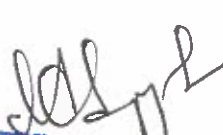
The Licensee shall not be responsible for any accident resulting in injury to human beings or animals or damage to property that may occur due to back-feeding from the Roof-top Solar PV System when the grid supply is off. The Licensee may disconnect the installation at any time in the event of such exigencies to prevent such accident.

Other Clearances and Approvals:

The Eligible Consumer shall obtain any statutory approvals and clearances that may be required, such as from the Electrical Inspector or the municipal or other authorities, before connecting the Roof-top Solar PV System to the distribution Network.

5. Period of Agreement, and Termination:

This Agreement shall be for a period for 20 years, but may be terminated prematurely


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Principal
Anjuman College of Engineering
& Technology, Sadar, Nagpur.


(Nawaz Sheikh)

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- (a) By mutual consent; or
- (b) By the Eligible Consumer, by giving 30 days' notice to the Licensee ;
- (c) By the Licensee, by giving 30 days' notice, if the Eligible Consumer breaches any terms of this Agreement or the provisions of the Net Metering Regulations and does not remedy such breach within 30 days, or such other reasonable period as may be provided, of receiving notice of such breach, or for any other valid reason communicated by the Licensee in writing.

6. Access and Disconnection:

The Eligible Consumer shall provide access to the Licensee to the metering equipment and disconnecting devices of Roof-top Solar PV System, both automatic and manual, by the Eligible Consumer.

If, in an emergent or outage situation, the Licensee cannot access the disconnecting devices of the Roof-top Solar PV System, both automatic and manual, it may disconnect power supply to the premises.

6.3 Upon termination of this Agreement under Clause 5, the Eligible Consumer shall disconnect the Roof-top Solar PV System forthwith from the Network of the Licensee.

7. Liabilities:

The Parties shall indemnify each other for damages or adverse effects of either Party's negligence or misconduct during the installation of the Roof-top Solar PV System, connectivity with the distribution Network and operation of the System.


The Parties shall not be liable to each other for any loss of profits or revenues, business interruption losses, loss of contract or goodwill, or for indirect, consequential, incidental or special damages including, but not limited to, punitive or exemplary damages, whether any of these liabilities, losses or damages arise in contract, or otherwise.

8. Commercial Settlement:

The commercial settlements under this Agreement shall be in accordance with the Net Metering Regulations.

The Licensee shall not be liable to compensate the Eligible Consumer if his Rooftop Solar PV System is unable to inject surplus power generated into the Licensee's Network on account of failure of power supply in the grid/Network.

The existing metering System, if not in accordance with the Net Metering Regulations, shall be replaced by a bi-directional meter (whole current/CT operated) or a pair of meters (as per the definition of 'Net Meter' in the


Jt. SYED MOHAMMAD ALI
Principal
Anjuman College of Engineering
& Technology, Sadar, Meerut


(Nawaz Sheikh) Scanned by CamScanner

Regulations), and a separate generation meter may be provided to measure Solar power generation. The bi-directional meter (whole current/CT operated) or pair of meters shall be installed at the inter-connection point to the Licensee's Network for recording export and import of energy.

The uni-directional and bi-directional or pair of meters shall be fixed in separate meter boxes in the same proximity.

The Licensee shall issue monthly electricity bill for the net metered energy on the scheduled date of meter reading. If the exported energy exceeds the imported energy, the Licensee shall show the net energy exported as credited Units of electricity as specified in the Net Metering Regulations, 2015. If the exported energy is less than the imported energy, the Eligible Consumer shall pay the Distribution Licensee for the net energy imported at the prevailing tariff approved by the Commission for the consumer category to which he belongs.

9. Connection Costs:

The Eligible Consumer shall bear all costs related to the setting up of the Roof-top Solar PV System, excluding the Net Metering Arrangement costs.

10. Dispute Resolution:

Any dispute arising under this Agreement shall be resolved promptly, in good faith and in an equitable manner by both the Parties.

The Eligible Consumer shall have recourse to the concerned Consumer Grievance Redressal Forum constituted under the relevant Regulations in respect of any grievance regarding billing which has not been redressed by the Licensee.

In the witness where of ----- for and on behalf of Eligible Consumer and Shri. ----- for and on behalf of SNDL . Nagpur (A MSEDCL Franchisee) agree to this agreement.

Shri. PROF. DR. SAJID ANWAR
PRINCIPAL
ANJUMAN COLLEGE OF ENGINEERING
for and on behalf of ANJUMAN COLLEGE
of Engineering & Technology

Shri. -----
for and on behalf of SNDL of
(A MSEDCL Franchisee)

Witness 1: Dr. Altaf Badar

Witness 1:

Witness 2: (AKI/ Ahmed)

Witness 2:



ATTESTED

Porkute
21/4/2018
PURUSHOTTAM
H. PORKUTE
NOTARY
GOVT OF INDIA
NAGPUR 461 003

Reviewed by
M. P. Patil

CANCELLED

Dr. SYED MOHAMMAD ALI
Principal
Anjuman College of Engineering
& Technology, Sadar, Nagpur.

at
(Mawaz Sheikh)

Union Bank of India,
District Bar Association
Extension Counter, Behind
District Court, Civil Lines,
Nagpur

D-5/STP(V)/C.R.1008/05/05/
1218-1221



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POWER PURCHASE AGREEMENT

This Power Purchase Agreement ("Agreement") is made and entered at Nagpur on this the 16th day of October, 2017, by and between:

Broll Solar Energy Private Limited, a company duly incorporated under the Companies Act, 1956, having (CIN U74999TN2017PTC116769) and having its registered office at NO. 18, LADY MADHAVAN ROAD, MAHALINGAPURAM, NUNGAMBAKKAM, Chennai-600034, Tamil Nadu - India (hereinafter referred to as "Power Producer/Solar Power Developer" which expression shall, unless repugnant to the context or meaning thereof, be deemed to include its successors and permitted assigns) as a Party of the FIRST PART

AND

Anjuman College of Engineering and Technology & Anjuman Polytechnic (under Anjuman Hami - E - Islam), an institution incorporated under the _____, and having its office at Mangalwari Bazar Road, Sadar, Nagpur- 440 001 (hereinafter referred to as "Offtaker", which expression shall, unless repugnant to the context or meaning thereof, include its successors and assignees) as party of the SECOND PART.

The Power Producer and the Offtaker are hereinafter individually referred to as "Party" and collectively referred to as the "Parties".

PREAMBLE

WHEREAS

- A. PURCHASER is desirous to purchase Solar PV power from the SPD for its captive consumption. Purchaser agrees to provide suitable, shadow free rooftop premises admeasuring an extent of 2400_ square meter (@ 12 sqmtr/KWp) to the SPD at its premises situated at Anjuman College of Engineering & Technology (ACET), & Ajuman Polytechnic, Nagpur for a period of not less than tenure of Power Purchase Agreement, to enable SPD to put up a Solar Power plant. A separate lease agreement ('Deed') will be executed. Full, unhindered shall be provided to the SPD its, officials and staff.

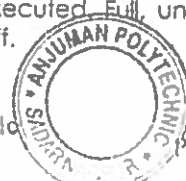


PROF. DR. SAID ANWAR
Principal

ANJUMAN COLLEGE OF ENGINEERING
& TECHNOLOGY Sadar, Nagpur

Dr. SYED MOHAMMAD ALI
Principal

**Anjuman College of Engineering
& Technology Sadar, Nagpur.**



Chakr

- B. Solar Power Developer agrees to setting up the Solar Power Project of upto 200 KWp capacity in two tranches of 100 KWp & 40kWp each, whereas, the first 100KWp phase & 40kWp of project shall commence instantaneously to this agreement privities and the later phase shall be subject to increase in energy consumption (100kWp in first phase and will increase as and when there is an increase in energy consumption) at Anjuman College of Engineering & Technology (ACET), Nagpur & (40kWp in first phase and will increase as and when there is an increase in energy consumption) Anjuman Polytechnic, Nagpur (hereafter called the Project.) with a proposal for Sale of solar power exclusively to the PURCHASER, under the long term Power Purchase Agreement (hereinafter "PPA" or 'Agreement') as detailed hereunder. The Solar Power Developer shall obtain permissions/sanctions from Govt. authorities, if any, required for establishing and operating the project and avail benefits under the Solar policy.
- C. PURCHASER shall facilitate and cooperate for grant of permissions /sanctions for the setting up of Solar Power Project. The Solar Power Developer shall obtain permissions/sanctions from Govt. authorities, if any required for establishing the project.
- D. Purchaser will buy entire solar energy produced from the Contracted Capacity from SPD under this Agreement.
- E. Solar Power Developer shall achieve Commercial Operation Date within three (3) months from the date of signing of this Agreement. The PPA will continue to be in force for a period of 25years from the Date of Commercial Operation (COD).
- F. Both Parties agree that the Project will be designed, engineered and constructed and operated by or on behalf of the Solar Power Developer or its successors with absolute diligence subject to all applicable Indian laws, rules, regulations and order abiding the applicable laws in force;
- G. The Project proposed at Anjuman College of Engineering & Technology (ACET), hereinafter "Site", will be connected to Interconnection Point at the Site for easy power evacuation and connectivity within the time frame stipulated in this Agreement.
- H. This Agreement is enforceable subject to relevant Act, statutory approvals and relevant regulations, if any, in force.
- I. The Ownership of the Solar power Plant lies with the SPD. The transfer of Assets and their ownership, during the period of the PPA, to the Purchaser will be as per the rates as mentioned in Annexure 3.

NOW THEREFORE, in provisions the Offtaker shall provide the premises to Power Plant to install the commercial Solar Rooftop Power Plant and the mutual covenants herein contained, the Parties hereby agree as follows:

ARTICLE 1: DEFINITIONS AND INTERPRETATIONS

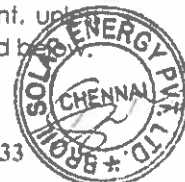
1.1 Definitions

The capitalized terms used in this Agreement, unless as defined below or repugnant to the context, shall have the same meaning as assigned to them in the Electricity Laws. The following terms when used in this Agreement, unless repugnant to the context, shall have the respective meanings, specified below:



Dr. SYED MOHAMMAD AHMED
Principal
Anjuman College of Engineering & Technology, Sadar Nagar, Nagpur

Principal



ARTICLE 21: MISCELLANEOUS

21.1 INDEMNITY

21.1.1 Either Party shall indemnify and hold harmless the other Party not in breach, as the case may be, its directors, officers, employees, agents, Affiliates and sub-contractors ("Indemnified Party") from and against all Claims, Losses, allegations, liabilities, obligations, costs and expenses (including, without limitation, attorney fees and costs) which arise out of or relate to:

- (i) breach of obligations under this Agreement;
- (ii) breach of Applicable Law;
- (iii) failure to pay Taxes;
- (iv) breach of representations and warranties;
- (v) sickness, disease, death or bodily injury to any person during performance of its obligation under the Agreement; or
- (vi) loss of or physical damage to property of any person during performance of its obligation under the Agreement
- (vii) anything else for which Supplier cannot at law limit or exclude its liability.

21.1.2 Party not in breach shall give prompt notice of any Claim as referred to in sub-Article 21.1 supra to the Party in breach, and shall provide all necessary information, documents and assistance, as may be reasonably available or possible, so that the Party in breach, at its option, may defend or settle such claims.

21.1.3 The Power Producer undertakes that whatever the cost and expenses that may occur for installation of plant in question and whatever the financial investment is been made by the Power Producer either through itself or through financial corporation / bank. The Power Producer is solely responsible to repay the same or sustain the losses if any. The Power Producer indemnifies the Offtaker against all such risk, cost and consequences.

21.2 LIMITATION OF LIABILITY

21.2.1. The overall liability of Parties shall not exceed 100% of the value of the Annual Contracted Generation for the respective year (on which the Claims is raised) inclusive of input taxes, for Claims arising out of a breach of the terms of this Agreement.

21.2.2. Notwithstanding anything to the contrary contained elsewhere, Article 21.2.1 supra shall not limit liability of any Party towards any Claims arising out of:

- (i) Wilful misconduct, gross negligence or fraud of any Party or
- (ii) Breach of Applicable Laws by the Parties.

21.2.3. Neither Party shall, under any circumstances whatsoever, be liable for any indirect or consequential losses of any nature whatsoever (including but not limited to loss of business, loss of profit, etc.) arising out of this Agreement.



CONFIDENTIAL

DR. SYED MOHAMMAD ALI

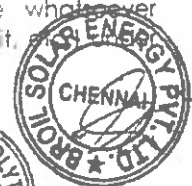
Principal

Anjuman College of Engineering
"Technological Sedar Nagpur"

Principal

Anjuman Polytechnic
Sedar Nagpur

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(Signature)

21.3.1. Subject to Article 21.3.2, each Party shall keep the contents of this Agreement and all books, documents (whether electronic or in hard copy) and information made available to that Party for the purposes of entering into this Agreement or in the course of the performance of this Agreement ("Confidential Information") confidential, and shall not disclose the same to any other person without the prior written consent of the other Party.

21.3.2. Article 22.3.1, shall not apply in the following circumstances:

- (a) any disclosure is required by Applicable Laws or in respect of information already in the public domain;
- (b) any disclosure required by any applicable stock exchange listing rule; and
- (c) disclosure to a Affiliates, associated companies and lenders of Project, to the extent required for the purposes of raising funds or maintaining compliance with credit arrangements.

21.3.3. In the event of a disclosure is required by Applicable Law, upon reasonable request by the non-disclosing Party, the disclosing Party shall use all reasonable efforts and co-operate with other Party's efforts to obtain confidential treatment of material so disclosed.

21.3.4. Each Party shall utilize the same degree of care to preserve and protect the other Party's Confidential Information from disclosure that they use to protect their own Confidential Information, which will not be less than reasonable care.

21.4 CHANGE IN LAW

21.4.1. If, after the Effective Date, there is a Change in Law that affects the performance of Power Producer's obligations under this Agreement, the Power Producer shall notify the Off-taker of the Change in Law and its effects, including effects on the provisions of this Agreement.

21.4.2. The Parties agree that if due to any Change in Law, the provisions of this Agreement require a change including the Tariff, the Parties shall mutually discuss and agree on such provisions. In the event there is no mutual agreement between the Parties within 30 days of notification by the Power Producer, the Parties agree that Power Producer can remove all the Equipment of the Solar Power Plant, with a notice of 15 days to the Off-taker.

21.5 NOTICES

21.4.1. Any notice or other communication required to be sent under this Agreement shall be sent or delivered to the receiving Party at the address set forth below. If any change in address occurs, intimation of the same shall be given to the other Party within ten (10) Business Days of the date of change in address.

21.4.2. Any notice or other communication shall be sent by registered post acknowledgement due, email, facsimile or by an internationally recognized courier.

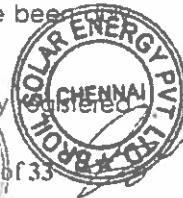
21.4.3. Any notice required to be given by the Parties hereunder shall be in writing and unless otherwise specified in this Agreement all notices referred in this Agreement or other communications shall be deemed to have been given or made:

(i) on the expiry of seven (7) Business Days after posting by registered post:

post: DR. SAID ANWAR

Dr. SYED MOHAMMAD ALI
Principal
ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY
Sadar Nagpur

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**Anjuman College of Engineering
& Technology, Sadar Nagpur**

- (ii) if delivered by email, the day immediately after the date of confirmation of transmission recorded on the sender's computer in case of email transmission;
- (iii) on the expiry of 3 (three) Business Days after posting, if sent by internationally recognized courier; and
- (iv) if delivered by facsimile, when the activity report confirms successful transmission.

21.4.4. Unless otherwise notified in accordance with this Article 21.4, all notices referred to in this Agreement shall be addressed to:

(i) **Power Producer:**
 Mr. D. Suresh Babu
 Broil Solar Energy Private Limited
 No.18, lady Madhavan Road, Mahalingapuram
 Nungambakkam, Chennai - 600034 Tamil Nadu - India
 Telephone No: +91 9345987178

(ii) **Offtaker:**
Anjuman College Engg & Tech
Anjuman Polytechnic
 Mangalwari Bazar Rd, Sadar, Nagpur.

21.5. Entire Agreement

This Agreement, together with its Schedules, Annexures/ Appendixes, constitutes the entire Agreement between the Parties with respect to the subject matter, and supersedes all prior oral or written agreements and understandings between the Parties.

21.6. Variation

No modification or amendment of this Agreement and no waiver of any of the terms or conditions hereof shall be valid or binding unless made in writing and duly executed by the Parties.

21.7. Relationship

Nothing in this Agreement shall be deemed to constitute a joint venture, corporation, partnership, agency relationship, exclusive business arrangement or any other relationship between the Parties, unless expressly stated in writing. The Parties shall act as independent contractors, on a principal-to-principal basis. No Party has the authority to act for or bind the other Party, or incur any debt or liability in the name of or on behalf of the other Party.

21.8. Severance

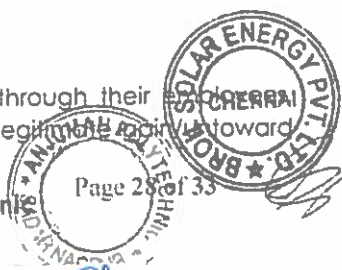
If for any reason any provision contained in this Agreement is declared illegal, void or unenforceable, all other provisions contained in this Agreement shall not be affected and accordingly shall remain in full force and effect. Schedules of this Agreement constitute part of this Agreement. In the event of any conflict between the provisions of this Agreement and the Schedules, the provisions of this Agreement shall prevail to the extent of such conflict.

21.9. Business Ethics

Both Parties agree that neither they by themselves nor through their officers, agents or consultants shall provide or seek any illegal or unethical services toward




PROF. DR. B. JIDANWAR
 Principal
 ANJUMAN COLLEGE OF ENGINEERING & TECHNOLOGY, SADAR, NAGPUR



favour to the other or to any third party in respect of any benefit, undue compliance, release of any favours (in the nature of cash or kind). It is understood that such acts are strictly prohibited and if any Party is found guilty of such acts, it will result in the breach of this Agreement by such Party and shall allow the non-guilty Party to seek termination of this Agreement. In the event either Party becomes aware of or suspects commission of such acts, it shall immediately inform the other Party and mutually arrive at a course of action to be adopted by the Party.



PROF. DR. SAJID ANWAR
PRINCIPAL
ANJUMAN COLLEGE OF ENGINEERING
& TECHNOLOGY, SADAR, NAGPUR



Principal
Anjuman Polytechnic
Sadar Nagpur



Mr. SYED MOHAMMAD ALI
Principal
Anjuman College of Engineering
& Technology, Sadar, Nagpur


(Nawaz Sheikh)

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed and delivered by their duly authorized officers as of the date and place given below.

Power Producer

For and on behalf of
BROIL SOLAR ENERGY PRIVATE LIMITED



Authorized Signatory
Mr. S. Suresh Babu

Date: 10th Oct. 2017
Place: Nagpur

Offtaker

For and on behalf of
1. ANJUMAN COLLEGE OF
ENGINEERING &
TECHNOLOGY

2. ANJUMAN POLYTECHNIC

1. [Signature]

PROF. DR. SAJID ANWAR
PRINCIPAL



Authorized Signatory
Dr. Sajid Anwar
ANJUMAN COLLEGE OF ENGINEERING &
TECHNOLOGY, SADAR, NAGPUR

Date: 10/10/17
Place: Nagpur

2. [Signature]
Principal
Anjuman Polytechnic
Sadar Nagpur



Mr. M. RAFIULLAH

Witnesses:

Name: @ Hamid Siddique
Address: Darwanda Nagar, Nagpur

② VIN

[Signature]
10/10/2017

Witnesses:

Name: VINEET KUMAR
Address: 206, MO-paloo Shikhar Apt
Kadbi Chowk Kample Land
Nagpur

[Signature]
10/10/2017

[Signature]
JR. SYED MOHAMMAD A
Principal
**Anjuman College of Engineering
& Technology, Sadar, Nagpur**

[Signature]
(Nawaz Sheikh)