



Swami Keshvanand Institute of Technology, Management & Gramothan

Approved by AICTE, Ministry of HRD, Government of India
Recognized by UGC under Section 2(f) of the UGC Act, 1956
Affiliated to Rajasthan Technical University, Kota

Environmental Consciousness and Sustainability:

**The Institution has facilities for alternate
sources of energy and energy conservation
measures:
(Other relevant information)**

🏠: RAMNAGARIA (JAGATPURA), JAIPUR-302017 (RAJASTHAN), INDIA

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7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures:
(Other relevant information)

Sr. No.	Particular	Availability
1	Solar energy plant	√
2	Biogas plant	×
3	Wheeling to the Grid	√
4	Sensor-based energy conservation	√
5	Use of LED bulbs/ Power efficient equipment	√

- Options:**
- A. 4 or All of the above
 - B. Any 3 of the above
 - C. Any 2 of the above
 - D. Any 1 of the above
 - E. None of the above

Answer: A. 4 or All of the above



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SKIT received “Rajasthan Energy Conservation Award” by Department of Energy, Govt. of Rajasthan:-



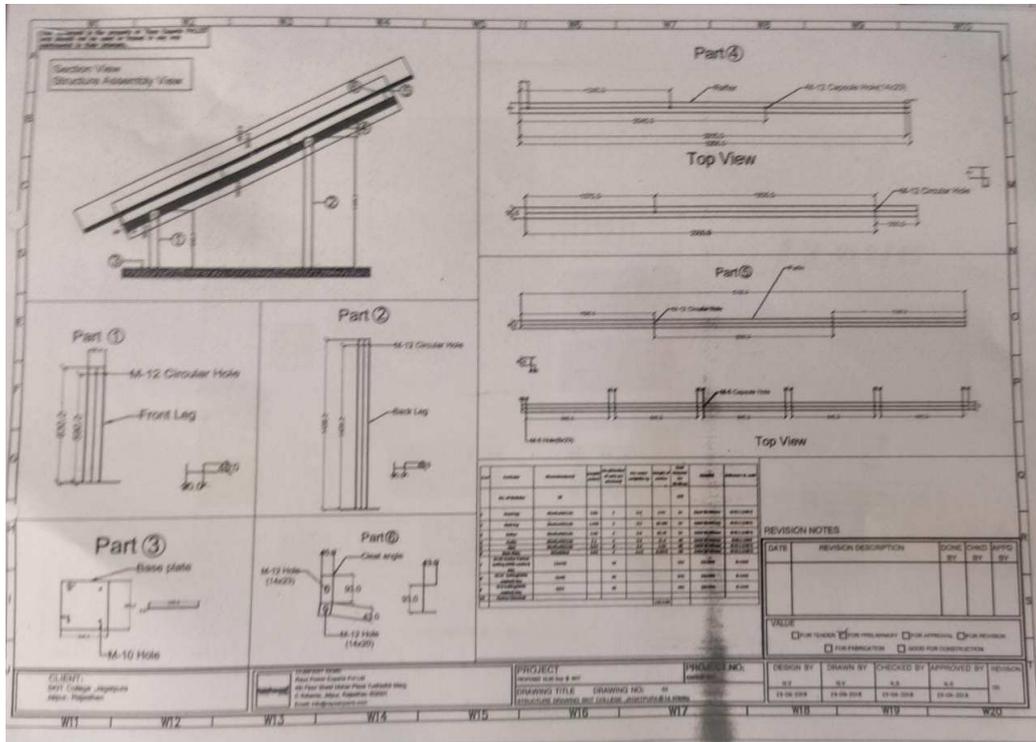
“Rajasthan Energy Conservation Award” by Department of Energy, Govt. of Rajasthan

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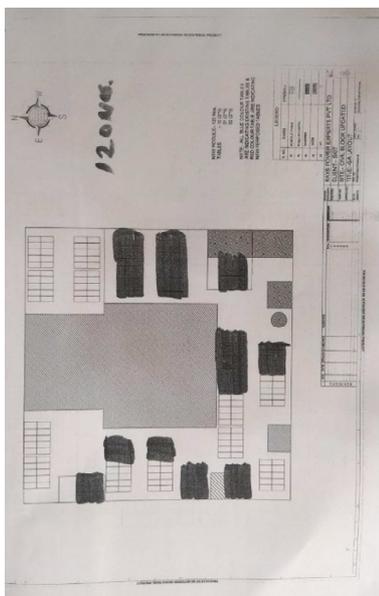
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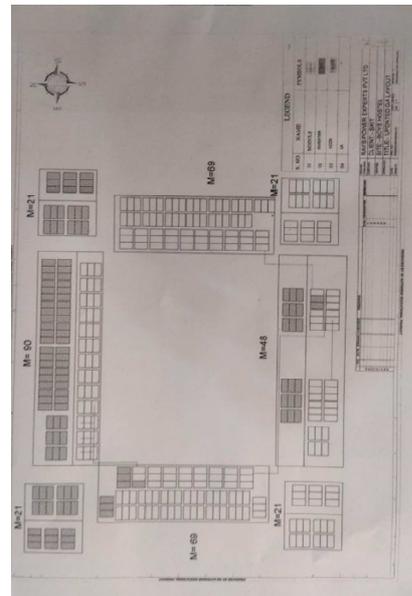
Solar Energy Power Plant Structure:-



Solar Plant Structure at SKIT



Solar Plant Structure of Civil Block



Solar Plant Structure of Hostel



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Registration for Solar Power Plant:-



RAJASTHAN RENEWABLE ENERGY CORPORATION LIMITED

(A Government of Rajasthan Undertaking)

E-166, Yudhisthir Marg, C-Scheme, Jaipur

CIN No. U40101RJ1995SGC009847

Tel: 0141-2225859, 2229341, 2223966 & 2223965 Fax: 0141-2226028

E-mail: solar.rreo@gmail.com; Website: www.rrecl.com

No. F12 (1067) RREC/Solar/Technocrats & Managers /D- 5908 Dated 08/02/17

**M/s Technocrats & Managers Society
of Advanced Learning & Gramothan,
5-D-Villa, Station Road,
Jaipur-302006 (Rajasthan).
e-mail: info@royalensign.com**

Sub:- Registration of **0.5 MW** Solar PV Power Project as per Rajasthan Solar Energy Policy-2014.

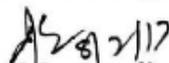
Ref:- Your application ID-1213.

Dear Sir,

This is in reference to your proposal for registration of **0.5 MW** Solar PV Power Project of **M/s Technocrats & Managers Society of Advanced Learning & Gramothan** as per Rajasthan Solar Energy Policy-2014 in Rajasthan.

In this regard, it is intimated that your application has been registered under Rajasthan Solar Energy Policy, 2014 under clause no. 11 "Registration of Solar Power Project" and your Registration No. is **S/1043/2014**.

Yours faithfully,


(R.K. Agarwal)
Director (Technical)

Registration for Solar Power Plant

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Wheeling to the Grid:-

GOVT. OF RAJASTHAN
OFFICE OF THE ELECTRICAL INSPECTOR, ELECTRICAL INSPECTORATE
"DEVASHISH" 16, DAMAMI COLONY, RESIDENCY ROAD, JODHPUR (Raj.)

S. No. 269 Date 28 MAR 2017

M/s TECHNOCRATS & MANAGERS SOCIETY OF ADVANCED LEARNING & GRAMOTHAN
VILL-DEH (SARAH KISNAYAT)
TEHSIL-KOLAYAT, DIST-BIKANER (RAJ)

Sub - GRANT OF PERMISSSION UNDER REGULATION 32/36/43 OF THE CEA
(MEASURES RELATING TO SAFETY AND ELECTIC SUPPLY) REGULATION 2010 FOR
ENERGISATION OF INSTALLATION.

Ref- (a) Your letter 134 Dated 24.03.2017 At Office of Assistant Electrical Inspector, Bikaner.
(b) Inspected & Reported by JEL/AEL, Bikaner Letter No. 851 Dated 27.03.2017

The permission for energisation of installation shown below is hereby accorded under Regulation
32/36/43 of CEA (Measures Relating to Safety and Electric Supply) Regulation 2010. The inspection
fees Rs 40950/- has been deposited by consumer, vide DD No. 008532 dated 22.03.2017 favouring
Senior Electrical Inspector, Jaipur.

The installation of M/s Technocrats & Managers Society of Advanced Learning & Gramothan, Vill-Deh
(Sarah Kisnayat), Tehsil-Kolayat, Dist-Bikaner (Raj) having:-

- 1 X 500 K.V.A. Voltage Ratio 0.315/33 K.V. Power Transformer Sr. No. 20161819 Make
Kotsons Pvt Limited, Agra
2. Capacity of Aux. transformer: 1X10 KVA, 33/0.415 KV Type of transformer Outdoor
Make: Melcon, Alwar Sr. No: 288078
3. 1 X 500 KW Inverter Sr No. 000980800605V007623 Make TBEA
4. ACSR Dog Conductor O/H Transmission Line length 25 Mtr.

No addition, alteration etc. is permitted under the above rules without prior approval of
Electrical Inspector.
Hence on violation of above the permission is deemed to be cancelled.

(R. P. Singh)
Electrical Inspector
Jodhpur

No. _____ Dated.....

Copy forwarded to following for the information and necessary action:-

1. Executive Engineer (O & M) Jd.V.V.N.L., Bikaner.
2. Assistant Electrical Inspector, Bikaner

(R. P. Singh)
Electrical Inspector

Wheeling to the Grid

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Wheeling and Banking Agreement for Solar Power Plant:-



राजस्थान RAJASTHAN

G 631476

WHEELING AND BANKING AGREEMENT

(For 0.5 MW Solar PV Power Plant at Village-Deh, Tehsil- Kolayat, District- Bikaner in Rajasthan)

This WHEELING AND BANKING AGREEMENT (hereinafter referred to as "Agreement" or "WBA") is made and entered into as of 24th day of March, 2017 amongst:

1. **TECHNOCRATS & MANAGERS SOCIETY OF ADVANCED LEARNING & GRAMOTHAN**, a society registered under the Rajasthan Society Registration Act, 1958 with its office located 4-D-Villa, Station Road, Jaipur (Rajasthan). (Hereinafter referred to as "Power Producer", which expression shall, unless repugnant to the context or meaning thereof, include its successors and assignees).

And

2. **Jaipur Vidyut Vitran Nigam Limited** a Company registered under the Companies Act, 1956 with its registered office located at Vidyut Bhawan, Jaipur (hereinafter referred to as "JVNL" which expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors & assignees).

Technocrats & Managers Society
for Advanced Learning & Gramothan

Authorised Signatory

Chief Executive Officer
Rajasthan Urja Vitran Nigam Ltd.
JAIPUR

Wheeling and Banking Agreement for Solar Power Plant

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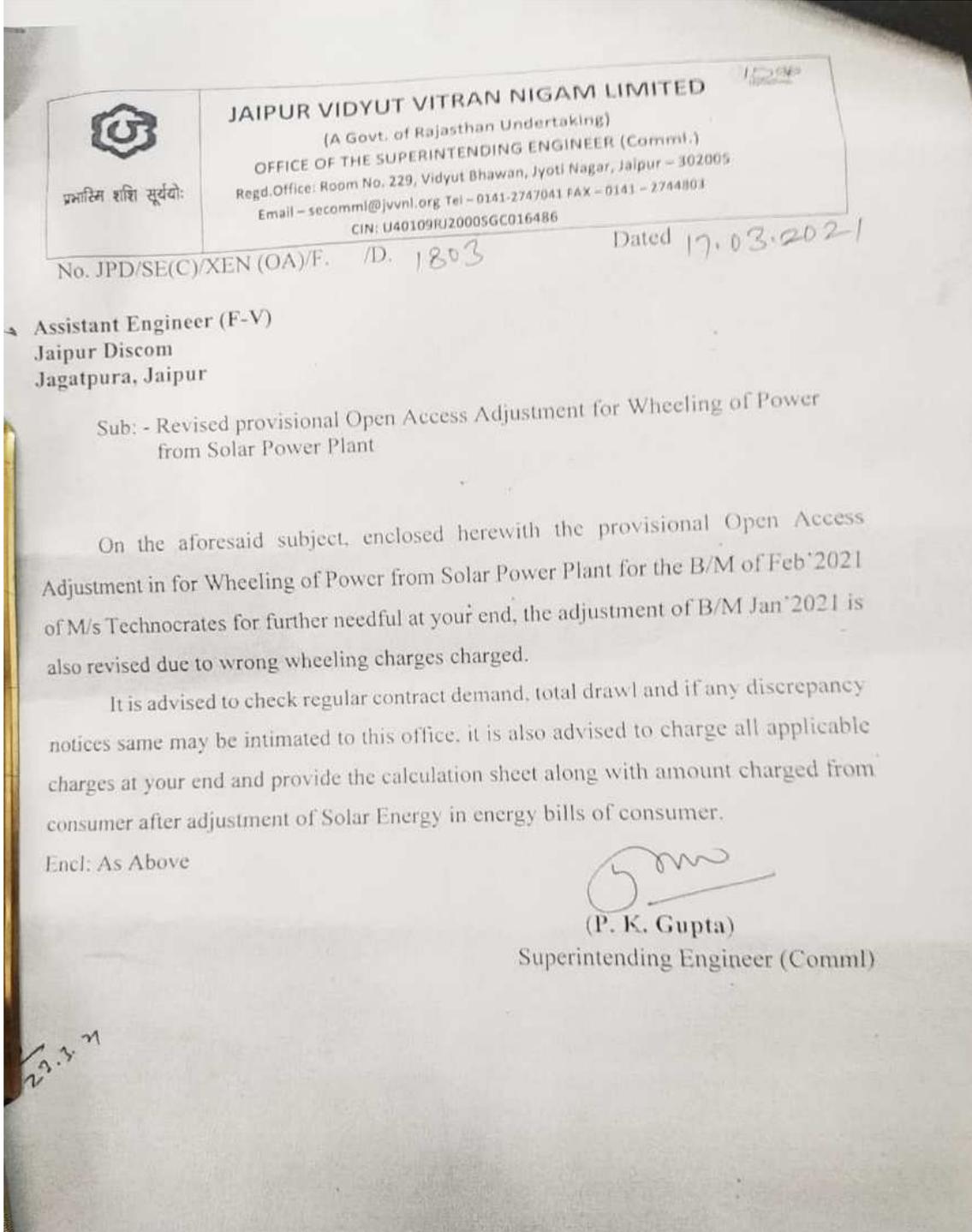
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Wheeling of Power from Solar Power Plant:-



Wheeling of Power from Solar Power Plant

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Solar Power Plant Installation Certificate:-



Date: 22/06/2017

INSTALLATION CERTIFICATE

OF

M/S TECHNOCRATS & MANAGERS SOCIETY OF ADVANCE LEARNING &
GRANMOTHAN

This is to certify that M/S TECHNOCRATS & MANAGERS SOCIETY OF ADVANCE LEARNING & GRANMOTHAN having its office at 5-D-Villa, Station Road, Jaipur, Rajasthan -302006, has successfully installed 0.5MW capacity of their Solar PV Power Generation project under captive use at village- Deh, Tehsil-Kolayat, & Distt. – Bikaner on dated 31/03/2017.

For Rays Power Experts

FOR Rays Power Experts PVT.

Anjali
Auth. Signatory

(Auth. Signatory)

Solar Power Plant Installation Certificate

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Connectivity Report for Solar Power Plant

CONNECTIVITY REPORT FOR M/S TECHNOCRATS & MANAGERS SOCIETY OF ADVANCE LEARNING & GRAMMOTHAN SOLAR PV POWER PLANT (Appendix-II)

This is in compliance to the office order of the superintending Engineer (PP) RUVNL, Jaipur vide office order No.SE(PP)/XEN (PP)/F. / D. 842 Dt.30/03/2017. Providing connectivity to 0.5 MW Technocrats & Managers Society of Advanced Learning & Gramothan Solar PV Power Generation Plant (Multy crystalline technology) under REC mechanism installed at village-Deh, Tehsil-Kolayat, District-Bikaner on dated 31.3.2017 *Captive use*

The details of Solar Power Plant are as under:-

Sr. No	Name of Solar PV Power Developer & Location	Capacity mentioned in Agreement	Connectivity	Details of Solar PV Power Plant (Transformer, Inverter, Modules, VCB)
1	M/s. Technocrats & Managers Society of Advanced Learning & Gramothan Vill.-Deh, Tehsil-Kolayat, District - Bikaner	0.5 MW	33 kV CT Make-Continental, CT ratio-20/5-5A, Accuracy class-0.2S -0.2S Burden-15.0VA -15.0VA Sr No: R Phase-5887/A7 Y Phase-5887/A8 B Phase-5887/A9 33 kV PT <i>nowde</i> Make-Continental PT Ratio-33KV/110V class- 0.2s, Burden - 15.0VA-15.0 VA Sr. No.:R Phase-5887/B7 Y Phase-5887/B8 B Phase- 5887/B9 ELSTERMakeA 1800 ABTMeter- Sr No.: 2832512-2832513 Class-0.2S <i>33KV/100</i> AMP/5A Voltage-68.5V Metering equipment installed at the premises generating plant. Overall M.F of Me 1 (One)	<ul style="list-style-type: none">Transformer 1X500 KVA, Make: Kotsons Pvt Ltd., Sr. No.20161819Modules Make: Renesola, Installed:1563, Rating: 320WpTotal-3200Inverter Make: TBEA 1X500KW

The details of connectivity are as under:

- 33 KV line from 132 KV GSS Kolayat to M/s Rays Solar Park on dated 18.9.2013
- Line Bay at 132 KVGSS Kolayat to Rays Solar Park Charged on dated 18.9.2013
- 33 KV line charged from Rays Solar Park to 132 KV GSS on dated 18.9.2013
- Main and Check Meter Commissioned on Dated 31.3.2017
- Complete System Connected on Dated 31.3.2017

(Mr. A.K. Malhotra)
Executive Eng. (T&C)
JdVVNL, Bikaner

(Mr. Hemendra Jindal)
Executive Eng. (M&P)

(Mr. Gopesh Sharma)
Project Officer
RRECL, Bikaner

(Mr. Jai Kapil Tomar)
Authorized Signatory
Technocrats & Managers
Society of Advanced Learning &
Gramothan

Connectivity Report for Solar Power Plant

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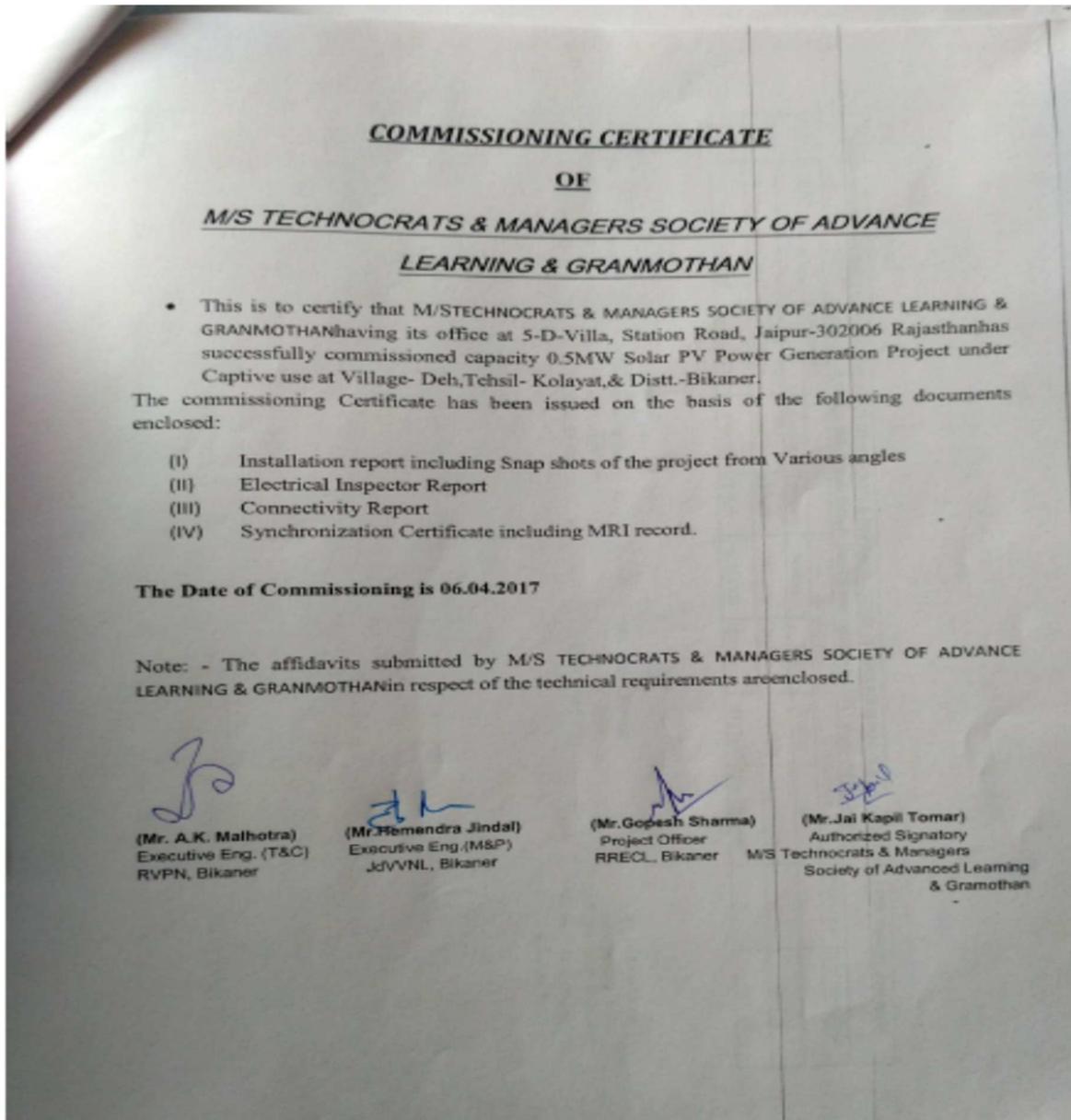
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Commissioning Certificate:-



Commissioning Certificate

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Service Bill of Solar Power Plant:-



PROFORMA INVOICE	
Billing Address Hastkala A-6, Royal Ensign, Prithviraj Road, C Scheme, Jaipur -302001	Invoice Number : RPE/O&M/ 2017-18/PI 1020 Invoice Date : 03.10.2017 Order Date: 22/06/2015 Project Size: 0.500MW
GST NO : 08AAAFH6966J1ZZ	
Particulars	Total Amount (In INR.)
Operation and Maintenance services for Solar Power Generating System for the period from 01.10.2016 to 30.09.2017	5,00,000
SGST @ 9% on Rs. 5,00,000	45,000
CGST @ 9% on Rs. 5,00,000	45,000
Amount (in words) : Indian Rupees – Five Lac Ninety Thousand only	Total Amount : 5,90,000/-
CIN NO. : U40106RJ2011PTC034452 PAN NO. : AAFCR1929K GST NO. : 08AAAFCR1929K1Z3	For Rays Power Experts Private Limited, For Rays Power Experts Pvt. Ltd. <i>Nidhi</i> Auth. Signatory Authorized Signatory.

Bank Details:-

Bank Name- HDFC Bank
Branch Address- Green Park, Delhi
Account No.- 05862560002088
IFSC Code- HDFC0000586

Service Bill of Solar Power Plant

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Media Coverage of Inaugural Ceremony of Solar Power Plant:

400 किलोवाट के सोलर पावर प्लांट से चलेगा इंस्टीट्यूट

सिटी रिपोर्टर • जगतपुरा स्थित स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी, मैनेजमेंट एवं ग्रामोत्थान में मंगलवार को रूफ टॉप सोलर पावर प्लांट का उद्घाटन किया गया। इसके साथ ही एस्केआईटी राज्य का पहला इंस्टीट्यूट बन गया है, जिसमें 400 किलोवाट का नेट मीटर सोलर पावर प्लांट लगाया गया है। कार्यक्रम के चीफ गेस्ट उद्योग मंत्री गजेन्द्र सिंह ने कहा कि सोलर ग्रीन पावर है जिसकी हमें फ्यूचर में बहुत जरूरत है। कुछ सालों पहले जहां इसकी कीमत 18 रुपए प्रति यूनिट थी, वह अब 6 रुपए से भी नीचे आ गई है।

अगर सोलर पैनल वाले राजस्थान में प्रोडक्शन करें तो यहां इसकी क्रांति आ जाएगी और भारत में पूर्ण सौर ऊर्जा का लगभग 70 प्रतिशत उत्पादन राजस्थान में हो सकेगा। कार्यक्रम में आरआरईसी के एमडी बी.के. जोषी तथा अस्वीयूनएल के डायरेक्टर एम.एस. मीना भी उपस्थित रहे। संस्था के चेयरमैन सुरजाराम मील ने बताया कि इस सोलर प्लांट से हर वर्ष 510 टन कार्बन-डाईऑक्साइड का उत्सर्जन कम किया जा सकेगा और लगभग 15 हजार पेड़ों की रक्षा करने में सहायता मिलेगी, जिससे ग्रीनरी को बढ़ावा मिलेगा।



सालाना 6 लाख यूनिट बिजली बनेगी

इवलपमेंट एंड वेलफेयर के डायरेक्टर डॉ.एस.के. कर्ला ने बताया कि इंस्टीट्यूट में सालाना लगभग 12 लाख यूनिट बिजली की खपत होती है। अब इस प्लांट से लगभग 6 लाख यूनिट बिजली उत्पादित की जाएगी।

Dainik Bhaskar 21-10-15 (city bhaskar page. No.02)

Media Coverage of Inaugural Ceremony of Solar Power Plant



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Other relevant:-

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Ramnagar (Jagatpura) Jaipur-17

SKIT/ Office/2016/565

Date: 29.07.2016

NOTICE

It has been brought to the notice of the undersigned that the air conditioners and fans remain on in the laboratories and class rooms while the class is not running. This is a criminal waste of precious National Resources. All the staff, faculty members and students are advised to switch off A.Cs/Fans when the classes are not running. The T.As must take a note of this notice.

S. L. Surana
(Dr. S. L. Surana)
Director (Academics)

Copy to:

1. Director
2. Director (D&W)
3. Registrar
4. Principal
5. Dean (DMS)
6. I/c B. Tech. 1 year
7. All HODs- EC, EE, CS,IT, ME,CE, MS, Phy, Chem, Maths, English
8. All faculty/staff members by circulation
9. House Manager
10. All Notice Boards.
11. File

Notice: Last one turn off the switch

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