

**HINDUSTAN COLLEGE OF SCIENCE AND TECHNOLOGY
FARAH, MATHURA
(affiliated to Dr A.P.J.Abdul Kalam Technical
University,Lucknow,U.P)**



KEY INDICATOR 7.1.2

7.1.2 (1)

**Alternative Energy Sources and
Energy Conservation Measures**

HINDUSTAN COLLEGE OF SCIENCE AND TECHNOLOGY

Meeting Circular

HCST/IQAC/2017-18/ 11

Date:-09/02/2018

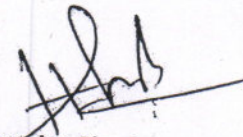
All The IQAC members and invitee members are here by informed that IQAC meeting will be held on February 10, 2018 in the Chairman Conference room at 01:30 PM. All committee members are requested to present in meeting.

Agenda of the Meeting

1. Endorsement of previous meeting
2. Environment and energy ✓
3. Clean and Green Campus

Following members are requested to present in the meeting

1	All IQAC committee members	
---	----------------------------	--



Dr. Harendra Singh

(Director, IQAC)

Director
Internal Quality Assurance
Hindustan College of Science & Technology
Farah, Mathura



REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA



Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

HINDUSTAN COLLEGE OF SCIENCE AND TECHNOLOGY

Meeting Notes

HCST/IQAC/2017-18/ 11

Date:- 10/02/2018

Venue: - Ground Floor Conference Room, HCST

Agenda of the Meeting

1. Endorsement of previous meeting
2. Environment and energy ✓
3. Clean and Green Campus

Members of Committee present in the meeting


1	Dr. Harendra Singh	(Director, IQAC)
2	Dr. M.S.Gaur	(Member)
3	Dr. Mamta Sharma	(Member)
4	Dr. Sandeep Agarwal	(Member)
5	Mr. Kapil Gupta	(Member)
6	Mr. Vijay Katta	(Member)
7	Dr. Suruchi	(Member)


iQAC meeting was held at 01:00 PM on 10/02/2018. As discussed in previous meeting feedback form is send to respective coordinators.

Dr. Mamta Sharma has proposed the policy documents for

- a. Environment and energy
- b. Clean and Green Campus.

IQAC has approved the policy documents proposed by Dr. Mamta Sharma.

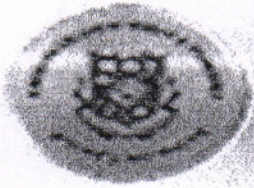

REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA


Dr. Harendra Singh

(Director, IQAC)

Director
Internal Quality Assurance Cell
Hindustan College of Science & Technology
Farah, Mathura

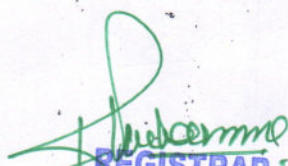

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)



POLICY DOCUMENT FOR ENVIRONMENT AND ENERGY

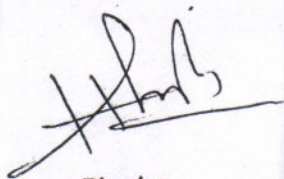
Energy is the most important thing on this earth; next to time and this is the most wasted resource. To see that Energy efficient systems are run in the organization, it becomes the duty of the management committee to come with a clear policy towards its implementation. The following are the points that encompass the environment and energy policy

- To assess our energy usage and measure its impact on environment
- To implement energy efficient lighting (LEDs) and Alternate energy sources (Solar Plant) in the campus.
- To reduce the emission of air pollutants by encouraging bicycles, public transport system, electrical vehicles and use of pedestrian friendly foot paths
- To implement all the points that is mentioned in the Clean & Green Campus Policy and the waste management policy to keep the surroundings and the overall environment pollution free.
- To conduct regular energy audit and take necessary steps in maintenance, wheeling to grid and increasing the energy efficiency
- To create awareness among the employees and students of the organization about the above points by conducting events and encouraging all to be a part of this genuine cause.


REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA




Director
Hindustan College of
Science & Technology
FARAH (MATHURA)


Director
Internal Quality Assurance Cell
Hindustan College of Science & Technology
Farah, Mathura



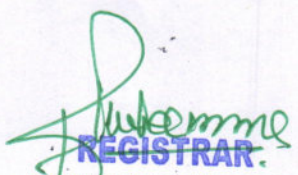
HINDUSTAN

College of Science & Technology


POLICY FOR CLEAN & GREEN CAMPUS

Maintaining a clean and green campus is vital for many good reasons. It increases the serenity and sanctity of the campus. It enhances the air quality, decreases pollution, increases soil fertility and reduces spread of disease. The following points are included as a policy for clean and green campus.

- Implementation of regular planting of trees.
- Use of pedestrian friendly pathways on the campus.
- Restriction of frequent movement of vehicles in the campus which keeps a check on air pollution.
- Encourage the stake holders to reduce the use of single use plastic.
- Proper use of dust-bins to dispose-off waste and maintain discretion between wet waste, dry waste and non-biodegradable waste and treat them separately.
- Make use of organic farming as a means of increasing or at least maintaining the soil fertility.
- Proper co-ordination between water conservation and green campus activities should be evident while implementation
- Creation of yearly execution plan for the same to continuously improve the efforts in the same.


REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA




Director
Internal Quality Assurance Cell
Hindustan College of Science & Technology
Farah, Mathura


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

Hindustan College of Science & Technology Farah (Mathura)

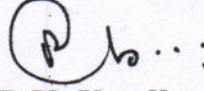
HCST/DIR/2018

Dt 20th February, 2018

CIRCULAR

It is being observed that faculty members, staff and students are leaving their rooms without switching off the lights and fans when they leave which is not only increasing the cost of energy but also causing great wastage of energy over a long run.

All the HODs and Section Heads are hereby advised that they should monitor the energy saving of their departments and add to the energy conservation. This would also enhance the green environment culture in the campus.


(Dr. R.K. Upadhyay) 20/2/18
Director

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

Distribution :

1. Executive Vice President, SGI (for kind information)
2. All Deans
3. All IQAC Members
4. All the HODs – for circulation among all the faculty and staff members
5. COE
6. Dy Registrars
7. HR Office
8. Head T&P
9. Head T&D
10. Director Physical Edn/Chief Warden
11. Library i/c
12. Accounts Office
13. Office File


REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

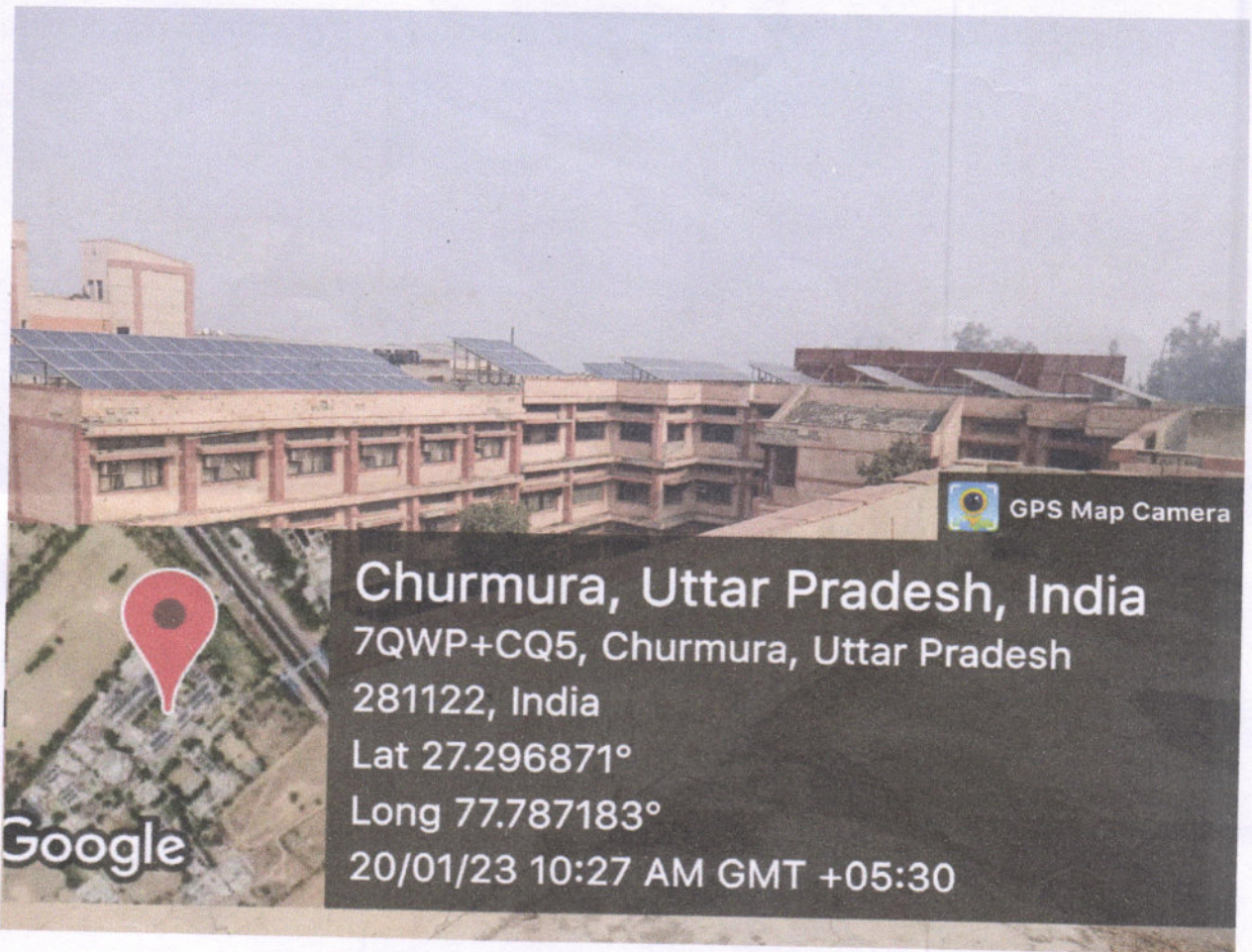

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)



HINDUSTAN COLLEGE OF SCIENCE AND TECHNOLOGY, FARAH, MATHURA



Solar Energy



Handwritten signature
21/08/23

Handwritten signature
REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

Handwritten signature
Director
Hindustan College of
Science & Technology
FARAH (MATHURA)



HINDUSTAN COLLEGE OF SCIENCE AND TECHNOLOGY, FARAH, MATHURA



Solar Energy



Amal
2/08/23

[Signature]
REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

[Signature]
Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

**POWER PURCHASE AGREEMENT FOR
DESIGN, MANUFACTURER, SUPPLY, ERECTION, TESTING AND
COMMISSIONING INCLUDING WARRANTY, OPERATION
& MAINTENANCE OF 400 kWp ROOF-TOP SOLAR PV POWER SYSTEM**

AT

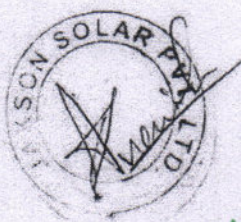
**Hindustan College of Science & Technology
Agra-Delhi Highway (NH-2), Farah, Jamaalpur, Mathura**

BETWEEN

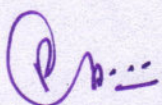
Hindustan College of Science & Technology

AND

**M/s JAKSON SOLAR PRIVATE LIMITED
A-43, Phase-II (Extension), Hosiery Complex
Noida, UP-201305**

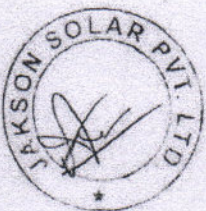



**REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA**

1

**Director
Hindustan College of
Science & Technology
FARAH (MATHURA)**


**Director
Hindustan College of
Science & Technology
Farah, Mathura**

S.No.	Description	Page No.
1	Definitions & Interpretation	4-8
2	Effective Date	8
3	Terms & Termination	8-10
4	Construction, Installation, Testing and Commissioning of the System	10-12
5	System Operations	12-14
6	Delivery of Solar Power	14-15
7	Tariff & Payment	15-18
8	General Covenants	18-23
9	Representations & Warranties	23
10	Taxes and Governmental Fees	23-24
11	Force Majeure	24-25
12	Default	25-27
13	Limitations of Liability	27
14	Assignment	27-29
15	Confidentiality	29-31
16	Indemnity	31
17	Miscellaneous	32-35
	SCHEDULE - I Description of Premises	37
	SCHEDULE - II Fees	38
	SCHEDULE - III Purchase Price	39-40
	SCHEDULE/ANNEXURE - IV Estimated Annual Production	41-42
	SCHEDULE - V Governmental Approvals	43
	SCHEDULE - VI RFS documents and Letter of Allocation & Sanction Letter from SECI	44-205
	Annexure 1 - Bank Details	206



[Signature]
REGISTRAR
 HINDUSTAN COLLEGE OF
 SCIENCE & TECHNOLOGY
 FARAH, MATHURA

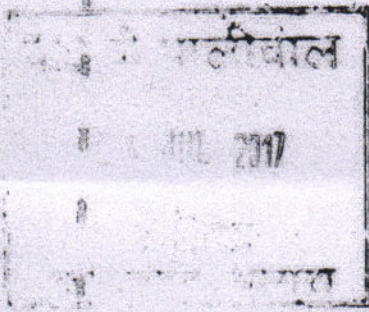
[Signature]
 2 **Director**
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)

[Signature]
 Director
 Hindustan College of
 Science & Technology
 Farah, Mathura



उत्तर प्रदेश UTTAR PRADESH

DS 163951



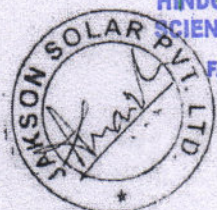
This Power Purchase Agreement is executed on 02nd August 2017 at Hindustan College of Science & Technology, Agra-Delhi Highway (NH-2), Farah, Mathura

Between

DIRECTOR, Hindustan College of Science & Technology (hereinafter referred to as "Purchaser")

AND

M/s Jakson Solar Private Limited (CIN No.U40300DL2013PTC254987), a company incorporated under the Companies Act, 1956 having its registered office at A-43, Noida Phase-II Extension, Hosiery Complex, Noida-201305 (hereinafter referred to as "Power Producer" which expression shall, unless repugnant to the meaning or context hereof, be deemed to include its successors and assigns)



[Signature]
REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

[Signature]

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

3
[Signature]
Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

The Director and Power Producer are each individually referred to as a "Party" and collectively as the "Parties".

WHEREAS:

- A. The Power Producer has been notified as successful bidder by Solar Energy Corporation of India ("SECI") for "Design, Manufacture, Supply, Erection, Testing and Commissioning including Warranty, Operation & Maintenance of 400 kWp Rooftop Solar PV System at (building name)" (Project) and as per Technical Specification & other details of RFS No SECI/Cont./01/2016/500/9902 dated: 27-10-2016
- B. The Power Producer is engaged in the business of building and operating power plants, including grid connected rooftop power projects.
- C. The Power Producer has agreed to install and operate a solar photovoltaic power plant of 400 kWp capacity at the Premises after due inspection of the Premises as defined hereinafter and supply the entire Solar Power of the Project to Purchaser on the terms and conditions contained in this Agreement.
- D. The Purchaser has agreed to purchase the entire Solar Power of the Project on the terms and conditions contained in this Agreement.

NOW THEREFORE in consideration of the mutual promises, conditions and covenants set forth herein, the Parties hereby agree as below:

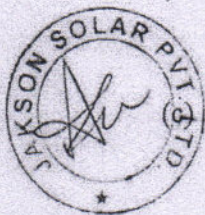
1. Definitions and Interpretation

1.1 Definitions

In addition to other capitalized terms specifically defined elsewhere in the Agreement or unless the context otherwise requires, the following words and phrases shall be defined as follows:

- (a) "Actual Monthly Production" means the amount of energy recorded by the Main Metering System during each calendar month of the Term, pursuant to Section 52;
- (b) "Affiliate" means with respect to any specified Person, any other Person directly or indirectly controlling, controlled by or under common control (such specified Person)

"Agreement" means this Power Purchase Agreement executed hereof including the schedules, amendments, modifications and supplements made in



REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

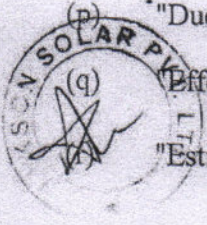
4

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

Hindustan College of
Science & Technology
Farah, Mathura

writing by the Parties from time to time.

- (d) "Applicable Law" means, with respect to any Person, any constitutional provision, law, statute, rule, regulation, ordinance, treaty, order, decree, judgment, decision, certificate, holding, injunction, registration, license, franchise, permit, authorization, guideline, Governmental Approval, consent or requirement or any Governmental Authority in India having jurisdiction over such Person or its property, enforceable by law or in equity, including the interpretation and administration thereof 1:4 such Governmental Authority.
- (e) "Assignment" has the meaning set forth in Section 14.1:
- (f) "Business Day" means any day other than Sunday or any other day on which banks in Delhi are required or authorized by Applicable Law to be closed for business:
- (g) "Commercial Operation Date" has the meaning set forth in Section 4 3(b)
- (h) NOT USED
- (i) "Consents, Clearances and Permits" shall mean all authorization, licenses, approvals, registrations, permits, waivers, privileges, acknowledgments, agreements or concessions required to be obtained from or provided by any concerned authority for the purpose of setting up of the generation facilities and / or supply of power:
- (j) NOT USED
- (k) "Deemed Generation" has the meaning set forth in Section 5.3 (c)
- (l) "Delivery Point". shall be the single point, at a location mutually agreed by the Parties, in line with applicable regulation/ rules where Solar Power is delivered by the Power Producer from the System to the Purchaser.
- (m) "Dispute" has the meaning set forth in Section 17.7 (b);
- (n) "Disruption Period" has the meaning set forth in Section 5.3 (c)
- (o) "Distribution Utility" means the local 'electric distribution owner and operator providing electric distribution and interconnection services to Purchaser at the Premises;.
- (p) "Due Date" has the meaning set forth. in Section 7.4;
- (q) "Effective Date" has the meaning set forth in Section 2
- "Estimated Remaining Payments" means as of any date, the estimated remaining Solar



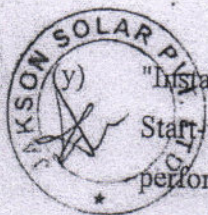
REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA


Director
Hindustan College of
Science & Technology
Farah, Mathura


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

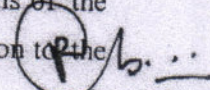
Power Payments to be made through the end of the applicable Term, as reasonably determined by the Power Producer in accordance with Section 7.1

- (s) "Expiration Date" means the date on which the Agreement terminates by reason of expiration of the Term.
- (t) "Force Majeure Event" has the meaning set forth in Section 11.1
- (u) "Governmental Approval" means any approval, consent, franchise, permit, certificate, resolution, concession, license or authorization issued by or on behalf of any applicable Governmental Authority for the purpose of setting up of the Project and / or for sale and purchase of Solar Power of the Project pursuant to the Agreement.
- (v) "Governmental Authority" means any central; state, regional, district, town, city, or municipal government, whether domestic or foreign, or any department, agency, bureau, or other administrative, regulatory or judicial body of any such government.
- (w) "Indemnified Persons" means the Purchaser Indemnified Parties or the Power Producer-indemnified Parties, as the context requires.
- (x) "Insolvency Event" means with respect to a Party, that either
- (i) Such party has (A) applied for or consented to the appointment of, or the taking of possession by, a receiver, custodian, trustee, administrator, liquidator on the likes of itself or of all or a substantial part of its assets or business; (B) been unable to pay its debts as such-debts become due; (C) made a general assignment for the benefit of its creditors, (D) commenced a voluntary proceeding under any insolvency or bankruptcy law; (E) filed a petition seeking to take advantage of any other law relating to the bankruptcy, insolvency, reorganization, winding up, or composition or readjustment of debts; or (F) taken any corporate or other action for the purpose of effecting any of the foregoing; or
- (ii) It is clarified that a dissolution or liquidation will not be an Insolvency Event if such dissolution or liquidation is for the purpose of a merger, consolidation or reorganization, and the resulting company retains credit worthiness similar to the dissolved or liquidated entity and expressly assumes all obligations of the dissolved and liquidated entity under this Agreement and is in a position to perform them.
- (y) "Installation Work" means the construction and installation of the System, and the Start-up, testing and acceptance (but not the operation and maintenance) thereof; all performed by or for the Power Producer at the Premises.



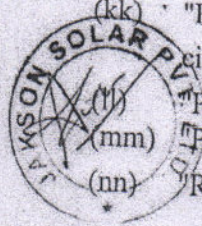
REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

6


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

- (z) "Invoice Date has the meaning set forth in Section 7.2.
- (aa) "Losses" means all losses, liabilities, claims, demands, suits, causes of action, judgments, awards, damages, cleanup and remedial obligations, interest, fines, fees, penalties, costs and expenses (including all attorneys' fees and other costs and expenses incurred in defending any such claims or other matters or in asserting or enforcing and indemnity' obligation)
- (bb) "Main Metering System" means all meter(s) and metering devices owned by the Power Producer and installed at the Delivery point for measuring and recorded the delivery and receipt of energy.
- (cc) "Metering Date" means the first Business day of each calendar month subsequent to the month in which the Solar Power is generated by the Power Producer. The billable units shall be equal to the difference between the meter reading on the Metering Date and the meter reading on the previous month's Metering. Date.
- (dd) "Party" or Parties" has the meaning set forth in the preamble to this Agreement.
- (ee) "Performance Ratio" (PR) means the ratio of plant output versus installed plant capacity at any instance with respect to the radiation measured. $PR = (\text{Measured output in kW} / \text{Installed plant capacity in kW} * 1000 \text{ W/m}^2 / \text{Measured radiation intensity in W/m}^2)$
- (ff) "Person" means an individual, partnership, corporation, .limited liability company, business trust, joint stock company, trust, unincorporated association, joint venture, firm, or other entity, or a Governmental Authority.
- (gg) "Power Producer Default" has the meaning set forth in Section 12.1 (a).
- (hh) "Power Producer Indemnified has the meaning set forth in Section 16.2.
- (ii) "Premises" means the premises described in Schedule 1 to this Agreement. For the avoidance of doubt, the Premises include, the entirety of any and underlying real property located at the address described in Schedule 1 to this Agreement.
- (ij) "Purchase Date" means the date on which title to the System transfers to the Purchaser pursuant to the Purchaser exercising its purchase option under Section 3.2.

- (kk) "Purchase Price" means the fee payable Purchaser to the Power Producer under the circumstances described in Section 3.2
- (ll) "Purchaser Default" has the meaning set forth in Section 12.2 (a).
- (mm) "Purchaser Indemnified Parties" has the meaning set forth in Section 16.1
- (nn) "Representative" has the meaning set forth in Section 15.1



REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

Director
Hindustan College of
Science & Technology
FARAH, MATHURA

Director
Hindustan College of
Science & Technology
FARAH, MATHURA

- (oo) "Scheduled Complete Date" has the meaning set forth in Section 4.1(g)
- (pp) "NOT USED"
- (qq) "Selectee" means, a new company (i) proposed by the Lenders read with Schedule III hereof and approved by the Purchaser (ii) or proposed by the Purchaser in accordance with Schedule III hereof and approved by the Lenders, for substituting the Power Producer for the residual period of the Agreement by amendment of the Agreement or by execution of a fresh power purchase agreement in accordance with the terms and conditions contained in the said Schedule.
- (rr) "Solar Power" means the supply of electrical energy output from the System.
- (ss) "Solar Power Payment" has the meaning set forth in Section 7.1.
- (tt) "System" includes the integrated assembly of photovoltaic panels, mounting, assemblies, inverters, converters, metering, lighting fixtures, transformers, ballasts, disconnects, combiners, switches, wiring devices and wiring, and all other material comprising the Installation Work.
- (uu) "System Operations" means the Power Producer's operation, maintenance and repair of the System performed in accordance the requirement herein.
- (vv) "Tariff" means the price per kWh set forth in Schedule II hereto.
- (ww) "Term" has the meaning set forth in Section 3.1:
- (xx) "NOT USED"

1.2 Interpretation

- (a) Unless otherwise stated, all references made, in this Agreement to "Sections", "Clauses" and "Schedules" shall refer respectively to Sections, clauses and Schedules of this Agreement. The Schedules to this Agreement form an integral part of this Agreement and shall have effect as though they were expressly set out in the body of this Agreement.
- (b) In the Agreement, unless the context otherwise requires (i) words imparting singular connotation shall include plural and vice versa; (ii) the words "include", "includes", and "including" mean include, includes and including "without limitation" and (iii) the words "hereof", "hereto", "herein" and "hereunder" and words of similar import refer to the Agreement as a whole and not to any particular provision of the Agreement.

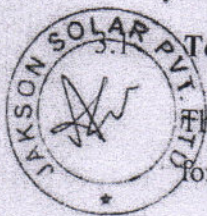
2. Effective Date

This Agreement shall be effective on the day that falls one Business Day after the date of signing of this Agreement.

3. Terms and Termination

Term

The term of the Agreement shall commence on the Effective Date and shall continue for twenty five (25) years from the Commercial Operations Date (the "Term"), unless



P. Subramanian
REGISTRAR
 HINDUSTAN COLLEGE OF
 SCIENCE & TECHNOLOGY
 FARAH, MATHURA

P. b. ...
 Director
 Hindustan College of
 Science & Technology
 Farah, Mathura

Director
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)

and until terminated earlier pursuant to the provisions of the Agreement. After the Term, the ownership of the System shall be transferred to the Purchaser free of cost.

3.2 Purchase Option/ Purchase Obligation

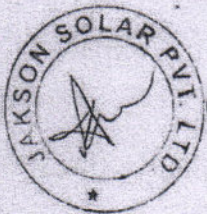
So long as a Purchaser default shall not have occurred and be continuing, Purchaser has the option to purchase the System by paying the Power Producer the Purchase price as per Schedule III to this Agreement. To exercise its purchase option, the Purchaser shall not less than Ninety (90) days prior to the proposed Purchase Date, provide written notice to the Power Producer of Purchaser's intent to exercise its option to purchase the System on such purchase date. In the event Purchaser confirms its intention to exercise the purchase option in writing to the Power Producer, (i) Purchaser shall pay the applicable purchase price to the Power Producer on the Purchase Date, and such payment shall be made in accordance with any written instructions delivered to Purchaser by the Power Producer for payments under the Agreement, and (ii) the Parties shall promptly execute all documents necessary to (A) cause title to the System to pass to Purchaser on the Purchase Date, free and clear of all liens and (B) assign all vendor warranties for the System to Purchaser. Upon execution of the documents and payment of the applicable purchase price in each case as described in the preceding sentence, the Agreement shall terminate automatically and the Purchaser shall become the owner of the System. Upon such termination, the Power Producer shall offer its operations and maintenance ("O&M") services to the Purchaser and the Parties may enter into an O&M agreement in this regard. The terms and conditions of the O&M agreement will be negotiated in good faith between the Parties.

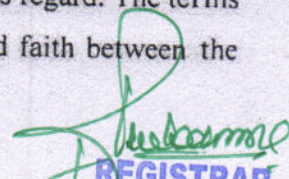
3.3 NOT USED

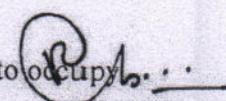
3.4 Conditions of the Agreement prior to installation

In the event that any of the following events or circumstances occur prior to the Commercial Operation Date, the Power Producer may terminate the Agreement, in which case neither Party shall have any liability to the other except for any such liabilities that may have accrued prior to such termination.

- (a) There has been a material adverse change in the rights of Purchaser to occupy the Premises or the Power Producer to install the System at the Premises.
- (b) The Power Producer has determined that there are easements, CCRs or other liens or encumbrances that would materially impair or prevent the installation.




REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

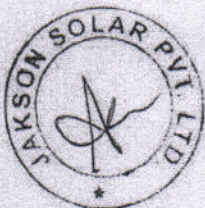

Director
Hindustan College of
Science & Technology
Farah, Mathura

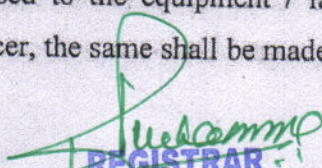
operation, maintenance or removal of the System. If any dispute arises before commercial operation date, the same shall be resolved under clause, 17.7 (c)

4 Construction, Installation, Testing and Commissioning of the System.

4.1 Installation Work

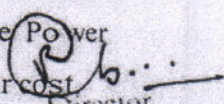
- a) The Power Producer will cause the Project to be designed, manufactured, supplied, engineered, erected, tested and commissioned, operated & maintained and constructed substantially in accordance with RFS No SECI/Cont./01/2016/500/9902 dated: 27-10-2016 and the sanction letter issued by SECI. The Power Producer shall provide to the Purchaser a bill of materials listing the major equipment constituting the System. Such bill of materials shall be provided within 30 days of the Commercial Operation Date.
- b) The Power Producer shall have access as reasonably permitted by the Purchaser to perform the Installation Work at the Premises in a manner that minimizes inconvenience to and interference with the use of the Premises to the extent commercially practical.
- c) It is agreed between the Parties that the Power Producer shall commission the System with a capacity of 400 kWp Power Producer may construct a System of smaller size if it receives only part approval of government subsidies or for any other material commercial reason, as mutually agreed between the Parties in writing. In the event a System of smaller capacity is eventually agreed to be installed, the clauses pertaining to Purchase Price as set out under this Agreement shall be adjusted proportionately as per mutual agreement between the Parties in writing.
- d) The Power Producer shall provide and lay the dedicated electrical cables for transmission of Solar Power from the System up to the Delivery Point. Transmission or distribution of Solar Power beyond this point will be the responsibility of the Purchaser. The Delivery Point shall be where the Main Metering System is located.
- e) Unless otherwise agreed between the Parties, the Power Producer shall not do (a) chipping of rooftop; or (b) water proofing of roof to be disturbed
(c) carry out any other modification of the Premises without the written consent of the Purchaser. The Power Producer shall maintain general cleanliness of area around the Project during construction and operation period of the Project. In case any damages is caused to the equipment / facilities owned by the Purchaser due to the Power Producer, the same shall be made good rectified by the Power Producer at their cost.




REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

10


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)


Director
Hindustan College of
Science & Technology
FARAH, MATHURA

- f) The Power Producer shall, within fifteen (15) days of the Effective Date, submit to the Purchaser shop drawings of the Project for approval ("Shop Drawings"). The drawings will have to be approved from the Power Purchaser within 3 days from the submission of the drawings; If the Purchaser has any objection/recommendation in the Shop Drawings, he shall communicate the same to Power Producer within a period of ten (10) days of the date of submission of the Shop Drawings. Any delay will extend the Effective Date and such approval shall not be unreasonably withheld.
- g) Subject to any punch-list items which shall be agreed by the Purchaser as not being material to completion of the Project, the Power Producer agrees that it shall achieve the completion of the Project/ Commissioning of the Project within 4 months from the Effective Date ("Scheduled Completion Date"). Any delays on account of the Purchaser that may cause hindrance or delay in execution of the Project shall not be included in the set period of 4 months. Purchaser shall ensure that sufficient load is available at the Delivery Point to ensure synchronization and drawl of power from System.
- h) If the Power Producer is unable to commence supply of Solar Power to the Purchaser by the Scheduled Completion Date, other than for the reasons specified in Article 11 and 12.2 (Force Majeure or Purchaser Default), the Power Producer or its contractor shall pay to SECI genuine pre-estimated liquidated damages for the delay in such commencement of supply of Solar Power as per the clause of the SECI RFS appended as Schedule VI to this Agreement.
- i) The Purchaser shall ensure that all arrangements and infrastructure for receiving Solar Power beyond the Delivery Point are ready on or prior to the Commercial Operation Date and is maintained in such state in accordance with applicable laws through the Term of the Agreement.
- j) Power Producer shall fulfill all obligations undertaken by it under this Agreement.

4.2 Approvals and Permits

Each of the Parties shall assist the other Party in obtaining all necessary Government Approvals, third party approvals and permits including but not limited to those listed in Schedule V hereto and any waivers, approvals or releases required pursuant to any applicable CCR.

System Acceptance Testing

- (a) The Power Producer shall give 10 days advance notice to conduct the testing of the



REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

Director
Hindustan College of
Science & Technology
FARAH, MATHURA

Project and shall conduct testing of the Project in the presence of Purchaser's designated representative.

- (b) If the results of such testing indicate that the System is capable of generating electric energy (at full rated KWp) for 5 continuous hours using such instruments and meters as have been installed for such purposes, then the Power Producer shall send a Written notice to Purchaser to that effect, and the date of successful conducting such tests and injection of Power at Delivery Point shall be the "Commercial Operation Dated"

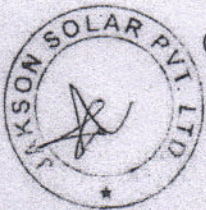
5 System Operations

- 5.1 The Power Producer as Owner and Operator: The System will be legally and beneficially owned by the Power Producer and will be operated and maintained and, as necessary, repaired by the Power Producer at its sole cost and expense. Replacement of spare parts if any shall be responsibility of Power Producer for the complete period of Agreement. if any repair or maintenance costs incurred by the Power Producer as a result of Purchaser's breach of its obligations, shall be reimbursed in full by Purchaser Power Producer shall not be responsible for any work done by others on any part of the System/Project authorized by the Purchaser and not authorized in advance by the Power Producer in writing. Power Producer shall not be responsible for any loss, damage, cost or expense arising out of or resulting from improper operation or maintenance of the System by Purchaser or anyone instructed to do such work by Purchaser. In the event of a problem with the System, as a result of the Purchaser actions for which Power Producer is not responsible as provided in this Agreement, Purchaser may choose and pay Power Producer for diagnosing and correcting the problem at Power Producer or Power Producer's contractors standard rates. Standards rates and charges may be taken from market for comparisons by the power purchaser.

5.2 Metering

- (a) The Power producer shall install the Main Metering System with due certification for the measurement of electrical energy produced by the System.

- (b) The meter will be read by Power Producer's personnel on the Metering date. The authorized representative of the Purchaser shall be present at the time of meter reading. Both the Parties shall sign a joint meter reading report.



REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH MATHURA

12

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

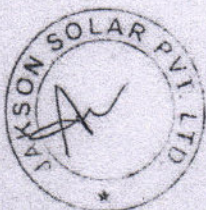
Hindustan College of
Science & Technology
Farah Mathura

However, in case the Joint meter reading report is not signed in the first three business days of any month due to non-availability of the Purchaser's authorized representative, the report signed by the Power Producer shall be considered as Joint Meter Reading Report. The Parties agree that such Joint meter reading Report shall be final and binding on the Parties.

- (c) The Main Metering System at the Delivery Point and any additional meters required by Applicable Law shall be tested, maintained and owned by the Power Producer- In case of malfunctioning of main metering system at delivery point, deemed generation shall be paid upto 3 days only, and after that no payment shall be made till meter is replaced by new one or repaired.
- (d) The Power Producer shall connect the Solar output to the existing system as per the requirements of Discom
- (e) The Purchaser may, at its own discretion, install a check meter, at its cost, to verify the measurements of the Main Metering System.
- (f) The title to the Solar Power supplied by the Power Producer shall pass to the Purchaser at the Delivery Point.
- (g) Power Producer shall be responsible for transformer etc. "if required" & metering as per clause 23 of RFS no. (RFS No SECI/Cont./01/2016/500/9902 dated: 27-10-2016)

5.3 System Disruptions

- (a) Availability of premises: Purchaser will provide full access of the site to Power Producer for installation, operation and maintenance of solar power plant during the period of Agreement. Power Purchaser will also provide restricted access of the Premises to Power Producer for operation and maintenance of solar power plant.
- (b) Purchaser will not provide/construct any structure within its Premises or around its premises which shades the solar panels effecting the generation of the energy during the Agreement period.
- (c) Roof Repair and other System Disruptions In the event that (a) the Purchaser repairs the Premises' roof for any reason not directly related to damage, if any, caused by the System, and such repair required the partial or complete temporary disassembly or movement of the System, or (b) any act or omission of Purchaser or Purchaser's employees, Affiliates, agents or subcontractors




REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

13


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

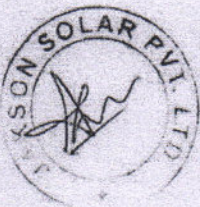

Hindustan College of
Science & Technology
Farah, Mathura

(collectively, a "Purchaser Act") result in a disruption or outage in System production, and such events attributable to Purchaser (except Force majeure, then, in either case) Purchaser shall (i) pay the Power Producer for all work required by the Power Producer to disassemble or move the System and re-assemble the system after completion fo the repair work and (ii) continue to make all payments for the Solar Power during such period of System disruption (the "Disruption Period"). For the purpose .of calculating Solar Power Payments and lost revenue for such Disruption Period, Solar Power shall be deemed to have been produced at the average rate over the preceding 12 (Twelve) months, or, if the disruption occurs within the first 12 months of operation, the average over such period of operation (deemed generation)., Power producer shall inform about the 'disruption or outage in System production, for reasons attributable to purchaser in 'writing with date and time of such occurrences, and Purchaser's liability shall start from the date of intimation for above of disruption or outage in system production, on account of Purchaser.

6 Delivery of Solar Power

6.1 Purchaser Requirement: Purchaser agrees to purchase one hundred percent (100%) of the Solar Power generated by the System and made available by the Power Producer to Purchaser at the Delivery Point during each relevant month of the Term. In the event that the Purchaser is unable to off take 100% of the electricity generated, when it is generated, then Deemed Generation will apply only in case following conditions:

- a) In the event Power Producer is generating power more than the available load, and the Purchaser is not able to export or record the excess units generated due to faults in the equipment's of the Purchaser e.g., Net meter Cables, Equipment's etc., which may stop the feeding / record of the Solar Power generated.
- b) In the event that the Purchaser fails to ensure adequate space for solar equipment to ensure that other structures do not partially or wholly shade any part of the Solar Power Plant and if such shading occurs, the Power Producer may apply for Deemed Generation furnishing the calculation for loss in generation due to such shading supported by the relevant data, which shall be approved by Purchaser within one month of submission failing which the Power Producer shall claim provisional deemed generation till the 15th of the month.




REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

14


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)


Hindustan College of
Science & Technology
FARAH, MATHURA

finally settled.

Estimated Annual Production

The annual estimate of Solar Power with respect to the System for any given year as determined pursuant to this Section shall be the "Estimated Annual Production". The Estimated Annual Production for each year of the Initial Term is set forth in Schedule IV hereof.

6.3 Suspension of Delivery

Power Producer shall be entitled to suspend delivery of electricity from the System to the Delivery Point for the purpose of maintaining and repairing the System upon giving one week's advance written notice to the Purchaser except in the case of emergency repairs. Such suspension of Service shall not constitute a breach of this Agreement provided that the Power Producer shall use commercially reasonable efforts to minimize any interruption in service to the Purchaser. However, any preventive maintenance shall be done only during the period when plant is not generating.

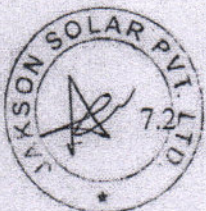
6.4 VOID

7 Tariff and Payments

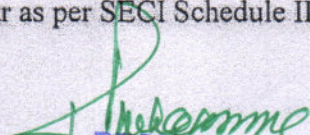
7.1 Consideration Purchaser shall pay to the Power Producer a monthly payment (the "Solar Power Payment") for the Solar Power generated by the System as per the Metering clause 5.2 (b) above during each calendar month of the Term equal to the actual Monthly Production as recorded in Joint Meter Reading Report for the System for the relevant month multiplied by the Tariff irrespective of (i) whether any or all units of Solar Power has been drawn, consumed or utilized by Purchaser and / or (ii) whether any Solar Power has been injected, whether inadvertently or otherwise, into the grid of the Distribution Utility.

The Power Producer will bill the Purchaser for each KWh metered as above at the Delivery Point, at the Tariff prevailing at that point of time. As detailed in Schedule - II, the Tariff will be equal to Rs 4.50 levelized tariff as per SECI allocations.

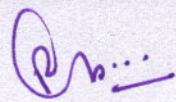
The 'year' Considered shall be the financial year which April 1st to 31st March of every year as per SECI Schedule II provides a detailed year on year tariff schedule.

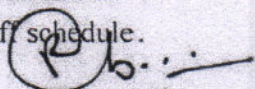


Invoice


REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

15

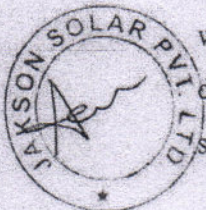

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)


Director
Hindustan College of
Science & Technology
Farah, Mathura

The Power Producer shall invoice Purchaser on the first day of each month (each, an "Invoice Date") commencing on the first Invoice Date to occur after the Commercial Operation Date, for the Solar Power Payment in respect of the immediately preceding month. The last invoice shall include production only through the Expiration Date of this Agreement.

- 7.3 The invoice to the purchaser shall include.
- (a) The Solar Power calculations for the relevant billing period.
 - (b) Supporting data, documents and calculations in accordance with this Agreement.
- 7.4 Time of payment Purchaser shall pay all amounts due hereunder within 21 days after the date of the receipt of the invoice via email or post ("Due Date").
- 7.5 Method of payment Purchaser shall make all payments under the Agreement by cheque / demand draft/ electronic funds transfer only in immediately available funds to the account designated by the Power Producer from time to time. The current account details are mentioned in Annexure 1. All payments made hereunder shall be non-refundable, subject to the applicable tax deduction at source, and be made free and clear of any other tax, levy, assessment; duties or other charges and not subject to reduction, set-off, or adjustment of any kind. Further, if any taxes and duties are leviable currently or in future, such taxes and duties shall be paid by the Purchaser over and above the solar electricity tariff mentioned in this agreement. Such taxes and duties could include, but not restricted to Electricity Duty, Tax on Sale of Electricity (TOSE). If the Purchaser deducts any tax at source, the Purchaser will issue a tax credit certificates as per law.
- 7.6 Late Payment Surcharge/ Early Payment Discount

In case payment of any invoice is delayed by the Purchaser beyond its Due Date, a later payment surcharge shall be payable by Purchaser to the Power Producer at the rate of 1.25% per month ("Late Payment Surcharge") calculated on the amount of outstanding payment, calculated on a day to day basis for each day of the delay, compounded on monthly rests. Late Payment Surcharge shall be claimed by the Power Producer, through its subsequent invoice. If the Purchaser pays within 10 working days (as against credit of 21 days available to him), then an early payment discount of 0.5% of the invoice value can be deducted by the Purchaser while making such early payment.



[Signature]
REGISTRAR 16
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

[Signature]
Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

[Signature]
Director
Hindustan College of
Science & Technology
Farah, Mathura

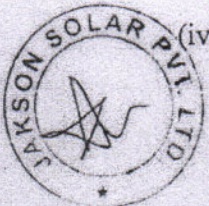
7.7 Disputed Payments: In the event that the Purchaser disputes an invoice, it shall give notice of such a dispute within 15 days of receiving the invoice setting out details of the disputed amount. The Purchaser shall pay by the Due Date 100% of any undisputed amount and in case the invoice is disputed, the Purchaser shall pay an amount based on average consumption of last three consecutive undisputed invoices. Amount so recovered shall be subject to final adjustment on resolution of the dispute. Thereafter, the Parties shall discuss and try to resolve the disputed amount within a week of receipt of such notice of dispute. If the Parties resolve the dispute, an appropriate adjustment shall be made in the next invoice. If the dispute has not been resolved by the date of the next invoice the dispute shall be referred to a committee of one member from each of Purchaser and Power Producer, If the dispute is still-not resolved by the next following invoice it shall be referred to Arbitration as provided in the present Agreement.

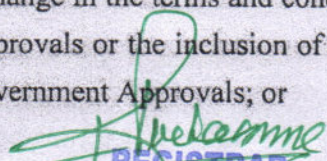
7.8 Not used

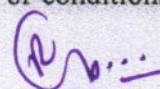
7.9 Change in Law:

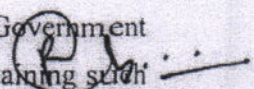
- (a) For the Purpose of this section 7.9, the term "Change in Law" shall mean the occurrence of any of the following events after the Effective date, resulting into any additional recurring / non-recurring expenditure by the Power Producer or any income to the Power Producer.
- (i) The enactment, coming into effect, adoption, promulgation, amendment, modification or repeal (without re-enactment or consolidation) in India, of any Law, including rules and regulations framed pursuant to such Law; or
- (ii) A change in the interpretation of any Law by any Governmental Authority having the legal power to interpret or apply such Law, or any competent court; or
- (iii) The imposition of a requirement, for obtaining any Government Approvals which was not required earlier; or

(iv) a change in the terms and conditions prescribed for obtaining any Government Approvals or the inclusion of any new terms or conditions for Obtaining such Government Approvals; or




REGISTRAR 17
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)


Director
Hindustan College of
Science & Technology
FARAH, MATHURA

- (v) Any introduction of any tax made applicable for supply of power by the Power Producer as per the terms of this Agreement. Any benefit due to change in tax on the sale of solar energy shall be passed on to Purchaser.
- (vi) However change in the rate of any existing tax will not be considered a change in law. Any risk of change of tax rate whatsoever related to the work lies with the power producer.
- (vii) Any benefit arising due to change in above para (i) to (vi) shall be passed on to the Purchaser.

But not include any change in any withholding tax on income or dividends distributed to the shareholders of the Power Producer.

(b) Application and Principles for computing impact of Change in Law:

While determining the consequence of Change in Law under this Article 7.9, the Parties shall have due regard to the Principle that the purpose of compensating the Party affected by such Change in Law, is to restore through monthly bill payment, to the extent contemplated in this Article 7.9, the affected Party to the same economic position as if such Change in Law has not occurred and such impact shall be mutually decided in writing.

(c) Solar Power Payment Adjustment Payment on account of Change in Law Subject to provisions mentioned above, the adjustment in Solar Power Payment shall be effective from:

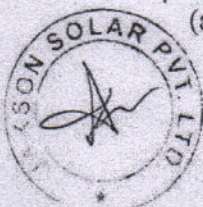
- (i) The date of adoption, promulgation, amendment, re-enactment or repeal of the Law or Change in Law; or
- (ii) The date of order/ judgment of the competent court; of tribunal or Governmental Authority, if the Change in law is on account of a change in interpretation of Law.

8 General Covenants

8.1 Power Producer's Covenants

The Power Producer covenants and agrees to the following:

- (a) Notice of Damage or Emergency: The Power Producer shall (a) promptly notify Purchaser if it becomes aware of any damage to or loss of the use of the System or that could reasonably be expected to adversely affect the System.



[Signature]
REGISTRAR
 HINDUSTAN COLLEGE OF
 SCIENCE & TECHNOLOGY
 FARAH, MATHURA

18

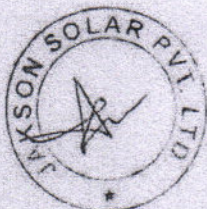
[Signature]
 Director
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)

Hindustan College of
 Science & Technology
 Farah Mathura

- (b) immediately notify Purchaser once it becomes aware of any event or circumstance that poses an imminent risk to human health, the environment, the System or the Premises.
- (b) System Condition: The Power Producer shall take all actions reasonably necessary to ensure that the System is capable of providing Solar Power at a commercially reasonable continuous rate: Subject to there being no Purchaser Default, the Power Producer shall provide 24 x 7 offsite / offsite monitoring and maintenance of the System throughout the period of this agreement at no additional cost.
- (c) The System shall meet minimum guaranteed generation with Performance Ratio (PR) at the time of commissioning and related Capacity Utilization Factor (CUF) as per the daily normalized irradiance levels of the location during the O&M period. PR shall be minimum of 75% at the time of inspection for initial Project acceptance.
- (d) Governmental Approvals : While providing the Installation work, solar Power and System Operations, the Power Producer shall obtain and maintain and secure all Governmental Approval required to be obtained and maintained and secured by the Power Producer and to enable the Power Producer to perform such obligations
- (e) The interconnection of the rooftop solar system with the network of the distribution licensee shall be made as per the technical standards for connectivity of distributed generated resources regulation's .as may be notified by the competent authority. The interconnection of the rooftop solar system shall be as per the contracted load and / or respective voltage level applicable to the Purchaser as per the provisions of the guidelines issued by the competent authority.
- (f) Health and Safety: The Power Producer shall take all necessary and reasonable safety precautions with respect to providing the installation Work, Solar Power, and System Operations that shall comply with all Applicable Law pertaining-to the health and safety of persons and real and personal property

8.2 Power Producer's Representatives

During the subsistence of this Agreement, the Power Producer undertakes to respond to all questions, concerns and complaints of the Purchaser regarding the System in a prompt and efficient manner. The Power Producer designates the following individual



[Signature]
REGISTRAR
 HINDUSTAN COLLEGE OF
 SCIENCE & TECHNOLOGY
 FARAH, MATHURA

19

[Signature]
 Director
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)

[Signature]
 Director
 Hindustan College of
 Science & Technology
 Farah, Mathura

as its representative pertaining to performance of this Agreement till the Commercial Operation Date:

Name: Avanish Pratap Singh

Telephone: 8527189191

Email: avanish.singh@jakson.com

The Power Producer designates the following individuals as its representative and primary point of contact pertaining to performance of this Agreement following the Commercial Operation Date till termination:

Name: Parshant Kalra

Telephone: 9871122307

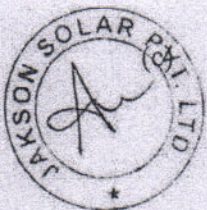
Email: parshant.kalra@jakson.com

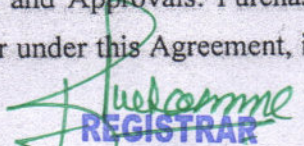
8.3 Purchaser's Covenants

Purchaser covenants and agrees to the following:

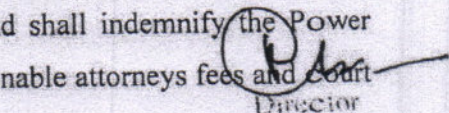
- (a) Notice of Damage or Emergency: Purchaser shall (a) promptly notify the Power Producer if it becomes aware of any damage to or loss of the use of the System or that could reasonably be expected to adversely affect the System; (b) immediately notify the- Power Producer once it becomes aware of any event or circumstance that poses an imminent risk to human health, the environment, the System or the Premises.
- (b) Liens: Purchaser shall not directly or indirectly cause, create, incur, assume or suffer to exist any Liens on or with respect to the System or any interest therein. If Purchaser breaches its obligations under this Clause, it shall immediately notify the Power Producer in writing, and shall promptly cause such Lien to be discharged and released of record without any cost to the Power Producer, and shall indemnify the Power Producer against all costs and expenses (including reasonable attorneys fees and court costs) incurred in discharging and releasing such Lien.

Consents and Approvals: Purchaser shall ensure that any authorizations required of Purchaser under this Agreement, including those required for installation of System at




REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

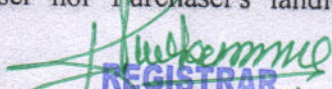
20


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

the Premises and to drawl consume Solar Power are provided in a timely manner. The Purchaser shall cooperate with the Power Producer to obtain such approvals, permits, rebates or other 'financial incentives.

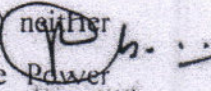
- (d) Access to Premises Grant of License: Purchaser hereby grants to the Power Producer a license co-terminus with the Term, containing all the rights necessary for the Power Producer to use portions of the Premises for the installation, operation and maintenance of the System pursuant to the terms of this Agreement, including ingress and egress rights to the Premises for the Power Producer and its employees and authorized representatives and access to electrical panels and conduits to interconnect or disconnect the System with the Premises electrical wiring with the consent and approval of the Purchaser's authorized representative identified by the Purchaser. Photo ids. will be provided by the Power Producer. Power Purchaser will assist in availing permissions to the site.
- (e) Security: The building which has enhanced security of Solar Power System Purchaser will keep the premises locked. Inspite of these measures, if any damages to the System takes place due to theft or vandalism then the same shall be claimed or reimbursed through insurances by Power producer. In case of theft and vandalism acts, the Purchaser will assist the Power Producer in procedures of filing FIRs, insurance claims and any other related activities. Whenever, the damages to the System occurs (except due to negligence of Power Producer) then the same shall be jointly assessed by both the Parties and a severity level will be decided, which will further decide the duration offered to the Power Producer to correct the damage, and the Power Producer shall he paid the amount on the basis of 'Deemed generation' for such a period. Power Producer shall be entitled to any insurance proceeds received for damages in this clause. Severity level and period offered can be referred to in Annexure 2. Purchaser will not conduct activities on, in or about the Premises that have a reasonable likelihood of causing damage, impairment or otherwise adversely affecting the System. If System is damaged due to any such activity or through any other agency contracted by the Purchaser directly or indirectly, such a damage will be borne by the Purchaser.
- (f) Regardless of whether Purchaser is owner of the Premises or leases the Premises from a landlord, Purchaser hereby covenants that (a) the Power Producer shall have access to the Premises and System during the Term of this Agreement, and (b) neither Purchaser nor Purchaser's landlord will interfeerer or handle any of the Power




REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

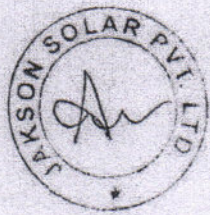
21

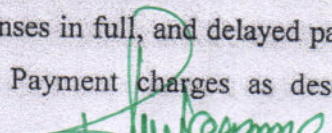

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)


Hindustan College of
Science & Technology

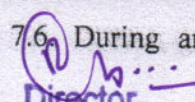
Producer's equipment or the System without written authorization from the Power Producer.

- (g) Temporary storage space during installation : Purchaser shall provide sufficient space at the Premises for the temporary storage and staging of tools, materials and equipment and for the parking of construction crew vehicles and temporary Construction, trailers and facilities reasonably necessary during the Installation Work, System Operations and access for rigging and material handling.
- (h) Sunlight Easements: Purchaser will take all reasonable actions as necessary to prevent other building, structures or flora from overshadowing or otherwise blocking access of 'sunlight to the System, including but not limited to-such actions as may be reasonably necessary to obtain a solar access easement for such purpose. E
- (i) Evacuation — Purchaser shall off take 100% of the Solar Power generated from the Delivery Point, and pay all invoices raised by the Power Producer under this Agreement by the 'Due Date and pay interest on delayed payments, if any, as per this Agreement.
- (j) Water - Power Purchaser at zero cost shall arrange Raw Water at a given point as per the requirements of the Power Producer, for periodic cleaning of the solar panels (5000 Litres - twice a month).
- (k) Auxiliary Power — The Purchaser shall provide sufficient auxiliary power to the Power Producer for the maintenance and operation of its system, if available and possible, at the rate Purchaser is paying to the Discom.
- (l) Relocation - If one or more of the Solar Power Plant panels needs to be temporarily moved or its generation suspended, for any other reason requested by the Power Purchaser, the Power Purchaser will be responsible for pre-agreed costs on actuals only, arising from moving, disassembling and re-installing/ commissioning the Solar Power Plant, as agreed between the Parties. The Power Producer will be responsible for providing detailed documentary proof of the actual pre-agreed costs borne for such relocation/disassembling. Within 30 days of these satisfactory documents being provided by the Power Producer, the Purchaser shall reimburse these pre-agreed expenses in full, and delayed payment beyond the date mentioned above will attract Late Payment charges as described in Clause 7.6. During any interruption in




REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

22


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

College of
Science & Technology
Farah, Mathura

generation during such a relocation, the Purchaser will continue to be billed as per Deemed Generation, during the period of interruption, for the affected Solar Power Plant(s).

9 Representations & Warranties

9.1 Representations and Warranties Relating to Agreement Validity

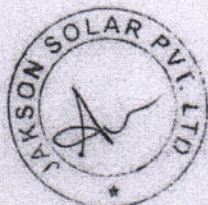
In addition to any other representations and warranties contained in the Agreement, each Party represent and warrants it's to me other that:

- (a) It is duly organized and validly existing and in good standing in the jurisdiction of its incorporation;
- (b) It has the full right and authority to enter into, execute, deliver, and perform its obligations under the Agreement.
- (c) It has taken all requisite corporate or other action to approve the execution, delivery, and performance of the Agreement;
- (d) The Agreement constitutes its legal, valid and binding obligation enforceable against such Party in accordance with its terms;
- (e) There is not litigation, action, proceeding or investigation pending or, to the best of its knowledge, threatened before any court or other Governmental Authority by, against, affecting or involving any of it's business or assets that could reasonably be expected to adversely affect its ability to carry out the transactions contemplated herein; and
- (f) Its execution and performance of the Agreement and the transactions contemplated hereby do not constitute a breach of any term or provision of, or a default under (i) any contract or agreement to which it or any of its Affiliates is a party or by which it or any of its Affiliates or its or their property is bound, (ii) its organizational documents, or (iii) any Applicable Laws.

10 Taxes and Governmental Fees

10.1 Purchaser obligations

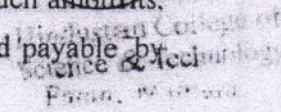
Purchaser shall pay for any taxes, fees or charges imposed or authorized by any Governmental Authority in future (as on date no such taxes/fees/charges are being levied) on sale of the Solar Power to Purchaser pursuant to clause 7. The Power Producer shall notify Purchaser in writing with a detailed statement of such amounts, which shall be invoiced by the Power Producer in the monthly bills and payable by




REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

23


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)



Purchaser. Purchaser shall timely report, make filings for, and pay any and all sales, use, income or other taxes, and any other amounts assessed against it due to its purchase of the Solar Power. This Section 10.1 excludes taxes specified in Section 10.2.

10.2 Power Producer Obligations

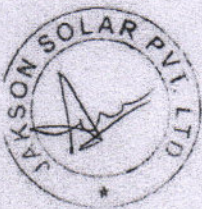
The Power Producer shall be responsible for all income taxes and any and all franchise fees or similar fees assessed against it due to its ownership of the System. The Power Producer shall not be obligated for any taxes payable by or assessed against Purchaser based on or related to Purchaser's overall income or revenues.

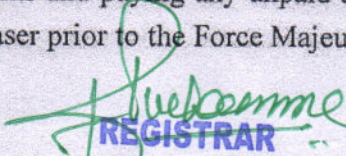
11 Force Majeure

11.1 Definition

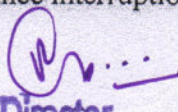
"Force Majeure Event" means any act or event that prevents the affected Party from performing its obligation in accordance with the Agreement, if such act or event is beyond the reasonable control of the affected Party and such Party had been unable to overcome such act or event with the exercise of due diligence (including the expenditure of reasonable sums). Subject to the foregoing conditions, "Force Majeure Event" shall include without limitation the following acts or events: (i) natural phenomena, such as storms, hurricanes, floods, lightning, volcanic eruptions and earthquakes; (ii) explosions or fires arising from lighting or other causes unrelated to the acts or omissions of the Party seeking to be excused from performance; (iii) acts of war or public disorders, civil disturbances, riots, insurrection, sabotage, epidemic, terrorist acts, or rebellion. A Force Majeure Event shall not be based on the economic hardship of either Party. In case of any damage because of force majeure event, the System shall be repaired / commissioned at its own cost by the Power Producer.

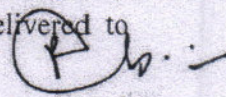
11.2 **Excused Performance:** Except as otherwise specifically provided in the Agreement, neither Party shall be considered in breach of the Agreement or liable for any delay or failure to comply with the Agreement, if and to the extent that such delay or failure is attributable to the occurrence of a Force Majeure Event; provided that the Party claiming relief under this Section 11 shall immediately (i) notify the other Party in writing of the existence of the Force Majeure Event, (ii) exercise all reasonable efforts necessary to minimize delay caused by such Force Majeure Event, (iii) notify the other Party in writing of the cessation or termination of said Force Majeure Event and (iv) provided, however, that Purchaser shall not be excused from making any payments and paying any unpaid amounts due in respect of Solar Power delivered to Purchaser prior to the Force Majeure Event performance interruption.




REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

24


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)


Hindustan College of
Science & Technology
FARAH (MATHURA)

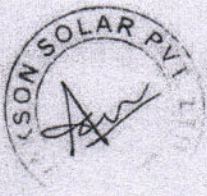
11.3 Termination as a Consequence of Force Majeure Event If a Force Majeure Event shall have occurred that has affected the Power Producer's performance of its obligations hereunder and that has continued for a continuous period of one hundred eighty (180) days, then Purchaser shall be entitled to terminate the Agreement and if such Force Majeure Event continues for further ninety (90) days period, the Agreement shall automatically terminate. Upon such termination for a Force Majeure Event, neither Party shall have any liability to the other (other than any such liabilities that have accrued prior to such termination).

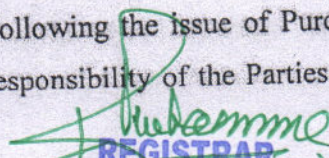
12 Default

12.1 Power Producer Defaults and Power Purchaser Remedies

- (a) Power Producer Defaults: The following events shall be defaults with respect to the Power Producer (each, a "Power Producer Default").
- (i) An Insolvency Event shall have occurred with respect to the Power Producer;
 - (ii) Failure, to achieve Commissioning of the System within 6 months of the Effective Date; and
 - (iii) The Power Producer breaches any material term of the Agreement and
 - (A) if such breach can be cured within sixty (60) days after Purchaser's written notice of such breach and the Power Producer fails to cure the same; or (B) the Power Producer fails to commence and pursue a cure within such sixty (60) days period if a longer cure period is needed.
- (b) Purchaser's Remedies:
- (i) If a Power Producer Default described in Section 12.1 (a) has occurred and is continuing, in addition to other remedies expressly provided herein, and subject to Section 13, Purchaser shall have a right to deliver a notice of its intention to terminate this Agreement ("Purchaser Preliminary Default Notice"), which shall specify in reasonable detail, the circumstances giving rise to the issue of such notice. Upon the occurrence and continuation of Power Producer Default and the failure by the Power Producer to cure such default within the applicable cure period specified in this Article; the Purchaser shall be at liberty avail the services of any other firm / successful bidder.

(ii) Following the issue of Purchaser Preliminary Default Notice, it shall be the responsibility of the Parties to discuss as to what steps shall be taken with a




REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

25


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

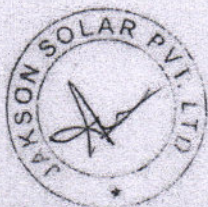

Director
Hindustan, College of
Science & Technology

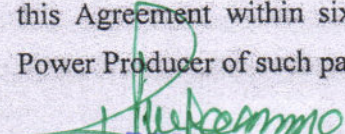
view to mitigate the consequences of the relevant Power Producer's Default having regard to all the circumstances: If the Power Producer Default is not cured within a period of sixty (60) days of the issue of Purchaser Preliminary Default Notice or any other such period mutually agreed upon by the Parties, the Purchaser shall have the right to terminate this Agreement by issuing a Purchaser Termination Notice.

- (iii) Upon the delivery of the Purchaser Termination Notice, this Agreement shall stand terminated. The Power Producer shall have the liability to make payment within sixty (60) days from the date of Purchaser Termination Notice towards compensation to Purchaser equivalent to the difference between the Tariff and the grid rate notified by the relevant Government Authority for that point in time multiplied by the estimated Solar Power generated for a period of two (2) years following the termination, considered on normative capacity utilization factor.
- (iv) if the Power Producer fails to remove the System from the Premises within one month from the date of termination, the Purchaser shall be entitled to dispose of the System in any manner it deems fit.
- (v) The Power Purchaser may exercise any other remedy it may have at law or equity or under the Agreement.

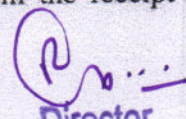
12.2 Power Purchaser Defaults and Power Producer's Remedies

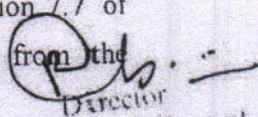
- (a) Purchaser Default : The following events shall be defaults with respect to Purchaser (each, a "Purchaser Default")
 - (i) An Insolvency Event shall have occurred with respect to Purchaser;
 - (ii) Purchaser breaches any material term of the Agreement if (A) such breach can be cured within sixty (60) days after the Power Producer's notice of such breach and Purchaser fails to so Cure, or (B) Purchaser fails to commence and pursue said cure within such sixty (60) day period if a longer cure period is needed; and
 - (iii) Purchaser fails to pay the Power Producer any undisputed amount or, if the amount is disputed, an amount based on average consumption of last three consecutive undisputed invoices to the Power Producer under Section 7.7 of this Agreement within sixty (60) days from the receipt of notice from the Power Producer of such past due amount




REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

26


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)


Director
Hindustan College of
Science & Technology
Farah, Mathura

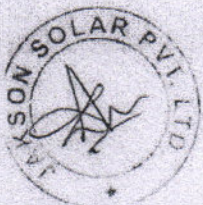
- (b) Power Producer's Remedies: If a Purchaser Default described in Sections 12.2 (a) has occurred and is continuing, in addition to other remedies expressly provided herein, and subject to Section 13, the Power Producer shall be entitled to terminate this Agreement by serving a fifteen (15) days notice and upon such termination, (A) the Power Producer shall be entitled to receive from Purchaser the Purchase Price. The Purchase Price payable shall be the Purchase Price Specified in Schedule III that falls on such date. Upon the payment of the Purchase Price, the Power Producer shall cause the title of the System to transfer to the Purchaser and (b) the Power Producer may exercise any other remedy it may have at law or equity or under the Agreement.

13 Limitations of Liability

- 13.1 Except as expressly provided herein, neither Party shall be liable to the other Party or its Indemnified Persons for any special, punitive, exemplary, indirect, or consequential damages, losses or damages for lost revenue or lost profits, whether foreseeable or not, arising out of, or in connection with the Agreement.
- 13.2 Subject to the provisions of the Agreement, the Power Producer shall be solely responsible for the manner in which its obligations under this Agreement are to be performed. All employees and representatives of the Power Producer, or contractors engaged by the Power producer in connection with Power Producer and shall not be deemed to be employees, representatives, contractors of the Purchaser Nothing contained in the Agreement or in any agreement or contract executed by the Power Producer shall be construed to create any contractual relationship between any such employees, representatives or contractors and the Purchaser.
- 13.3 Notwithstanding any liability, or obligation that may arise under this Agreement, any loss, damage, liability, payment, obligation or expense which is insured or not or for which the Purchaser can claim compensation under any insurance policy, shall not be charged to or payable by the Purchaser

14 Assignment & Novation

- 14.1 Assignment: Notwithstanding anything contained herein, the Power Producer has the right to assign all or any of its rights under this Agreement (including rights over any assets hereunder), to any third party including, though not restricted to any lender, equipment lessor or other party ("Assignment"), with the consent of the Power Producer.




REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

27


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

Hindustan College of
Science & Technology
Farah, Mathura

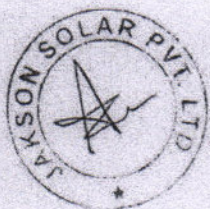
Purchaser. The Power Purchaser shall not unreasonably withhold such consent. In the event of such assignment, the Purchaser will be able to hold the Power Producer as well as the party to whom the benefits under this contract are assigned, to be jointly and severally responsible for performing the obligations under this contract. Further, in the event of assignment, the Purchaser agrees to make the payments due to the Power Producer under this agreement, directly to the assignee, upon receipt of such notice by the Power Producer.

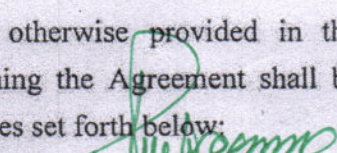
If the Power Producer were to sell the Solar Power Plant, then the new buyer(s) would need to abide by this Agreement. Further, the Power Producer reserves the right to assign whole or part of the assets to lenders/ leasing companies. Purchaser may assign its rights under this Agreement, without the prior consent of Power Producer, to an Affiliate or any successor in interest to Purchaser, whether by way of merger, reorganization or sale of assets (including any sale of a line of business). This Agreement shall inure to the benefit of and be binding upon Purchaser and its successors or assigns. However, any such actions as intended by the Power Producer under Article 14.1 and Article 14.2 shall be binding on Power Purchaser, if there are zero material inconsistencies present in the contract provisions during the time of assignment/novation, else, it shall be construed as default in contract and appropriate actions shall be taken as deemed fit.

14.2 Novation: The Parties agree and acknowledge that the Power Producer may intend to novate the Agreement to a party, and has the right to transfer any or all of its rights and obligations under this Agreement to a party or any other third party ("New Party"), with the consent of the Power Purchaser. The Power Purchaser shall not unreasonably withhold such consent. Upon Novation, the New Party shall automatically and without any further action be entitled to all the same rights and assume the same obligations, under this Agreement, as if it were originally a party to this Agreement. Further, the Purchaser hereby agrees and undertakes that, promptly upon receiving a request from the Power Producer, the Purchaser shall execute such further writings, deeds and/or agreements and take all such further actions as may be necessary for effecting or implementing the transfer of any or all of the Power Producer's rights and/or obligations under this Agreement to the New Party. If the parties agrees to do Novation then separate Novation agreement shall be executed.

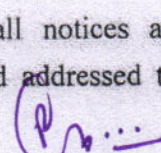
14.3 Notices

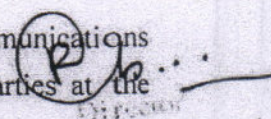
Unless otherwise provided in the Agreement, all notices and communications concerning the Agreement shall be in writing and addressed to the Parties at the addresses set forth below:




REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

28


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)


Director
Hindustan College of
Science & Technology
FARAH, MATHURA

Power Producer's address and contact details:

M/s. Jakson Solar Private Ltd. , A-43, Phase-II Extn. Hosiery Complex, Noida
201305

Uttar Pradesh, India

Contact: 0120 - 4302600

Purchasers address and contact details:

Hindustan College of Science & Technology, Agra-Delhi Highway(NH-2), Farah,
Jamaalpur-Uttar Pradesh 281122

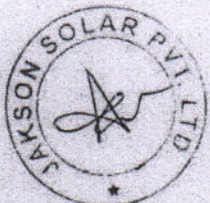
14.3 Notice

Unless otherwise provided herein, any notice provided for in the Agreement shall be hand delivered, sent by registered post, or by courier delivery, or transmitted by facsimile and shall be deemed delivered to the addressee or its office when received at the address for notice specified above when hand delivered or sent by courier delivery, upon posting if sent by registered post and upon confirmation of sending when sent by facsimile on the next Business Day.

15. Confidentiality

15.1 Confidentiality obligation

- (a) If the Power Producer provides confidential information, including business plans, strategies, financial information, proprietary, patented, licensed, copy righted or trademarked information, and / or technical information regarding the , design, operation and maintenance of the System ("Confidential Information") to Purchaser or, if in the course of performing under the Agreement or negotiating the Agreement Purchaser learns Confidential Information regarding the facilities or plans of the Power Producer, Purchaser shall (a) protect the Confidential information from disclosure to third parties with the same degree of care accorded its own confidential and proprietary information, and (b) refrain from using such Confidential Information, except in the negotiation and performance of the Agreement. Notwithstanding the above, Purchaser may provide such Confidential Information to its officers, directors, manager, employees and Affiliates (collectively "Representatives"), in each case whose access is reasonably necessary for purposes of the Agreement. Each such recipient of confidential information shall be informed that



HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

29

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

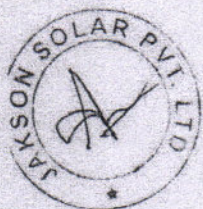
by Purchaser of its confidential nature and shall be directed to treat such information confidentially and shall agree to abide by these provisions. Purchaser shall be liable for any breach of this provision by any entity to whom it improperly discloses Confidential Information. All Confidential Information shall remain the property of the Power Producer and shall be returned to it after Purchaser's need for it has expired or upon the request of the Power Producer.

- (b) If the Purchaser provides confidential information, including business plans, strategies, financial information, proprietary, patented, licensed, copy righted or trademarked information, ("Confidential Information") to the Power Producer or, if in the course of performing under the Agreement or negotiating the Agreement the Power Producer learns Confidential Information regarding the facilities Or plans of the Purchaser, the Power Producer shall (a) protect the Confidential Information from disclosure to third parties with the same degree of care accorded its own confidential and proprietary information, and (b) refrain from using such Confidential Information, except in the negotiation and performance of the Agreement. Notwithstanding the above, the Power Producer may provide such Confidential Information to its officers, directors, managers, employees and Affiliates (collectively, "Representatives"), in each case whose access is reasonably necessary for purposes of the Agreement. Each such recipient of Confidential. Information shall be informed by the Power Producer of its confidential nature and shall be directed to treat such information confidentially and shall agree to abide by these provisions. The Power Producer shall be liable for any breach, of this provision by any entity to whom it improperly discloses Confidential Information. All Confidential Information shall remain the property of the Purchaser and shall be returned to it after the Power Produce's need for it has expired or upon the request of the Purchaser.

Permitted Disclosures

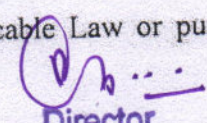
Notwithstanding any other provision contained herein, neither Party shall be required to hold confidential any information that

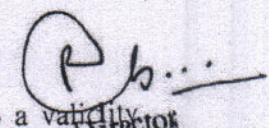
- (a) becomes publicity available other than through the receiving Party.
- (b) is required to be disclosed under Applicable Law or pursuant to a validity




REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

30


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)


Director
Hindustan College of
Science & Technology
FARAH, MATHURA

issued notice or required filling, but a receiving Party subject to any such requirement shall promptly notify the disclosing Party of such requirement

- (c) is independently developed by the receiving Party ; or
- (d) becomes available to the receiving Party without restriction from a third party under no obligation of confidentiality..

16 Indemnity

16.1 Power Producer's Indemnity

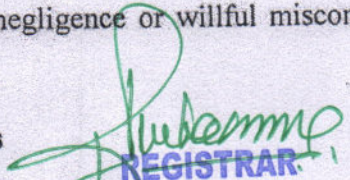
Subject to Section 13, the Power Producer agrees that it shall indemnify and hold harmless Purchaser and its members, officers, employees, students, casual laborers, persons permitted' to run any business or service, such as canteens, stores, photocopy units, banks, post office, courier service, hospital and to any lawful visitors (collectively, the "Purchaser Indemnified Parties") from and against any and all Losses incurred by the Purchaser Indemnified Parties to the extent arising from or out of the following any claim for or arising out of any injury to Or death of any Person or Loss or damage to Property of any Person to the extent arising out of the Power Producer's negligence or willful misconduct. The Power Producer shall not, however, be required to reimburse or indemnify any Purchaser Indemnified Party for any Loss to the extent such Loss is due to the negligence or willful misconduct of any Purchaser indemnified Party.'

16.2 Purchaser's Indemnity

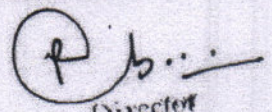
Subject to Section 13, Purchaser agrees that it shall indemnify, defend and hold harmless the Power Producer, its permitted successors and assigns and their respective directors, officers, employees, contractors, sub-contractors, and agents (collectively, the "Power Producer indemnified Parties") from and against any and all Losses incurred by the Power Producer Indemnified Parties to the extent arising from or out of any claim for or arising out of any injury to or death or any Person or loss or clómage to property of any Person to the extent arising out of Purchaser's negligence or willful misconduct. Purchaser shall not, however, be required to reimburse or indemnify any rowel Producer Indemnified Party for any Loss to the extent such Loss is due to the negligence or willful misconduct of any Power Producer Indemnified Party.



Miscellaneous
Amendments


REGISTRAR
**HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY**
FARAH, MATHURA³¹


Director
**Hindustan College of
Science & Technology**
FARAH (MATHURA)


Director
**Hindustan College of
Science & Technology**
Farah, Mathura

This Agreement may only be amended, modified or, supplemented by an instrument in writing executed by duly authorized representatives of the Power Producer and Purchaser.

17.2 Goodwill and Publicity

Neither Party shall use any name, trade name, service mark or trademark of the other Party in any promotional or advertising material without the prior written consent of such other Party. The Parties shall coordinate and cooperate with each other when making public announcements related to the execution and existence of this Agreement, and each Party shall have the right to promptly review, comment upon and approve any publicity materials, press releases and other public statements by the other Party that refer to, or that describe any aspect of, this Agreement; provided that no such publicity releases or other public statements (except for filings or other statements or releases as may be required by applicable law) shall be made by either Party without the prior written consent of the other Party. Without limiting the generality of the foregoing and whether or not the consent of the other Party is required or obtained, all public statements must accurately reflect the rights and obligations of the Parties under this Agreement.

17.3 Industry Standards

Except as otherwise set forth herein, for the purpose of the Agreement, the normal standards of performance within the solar photovoltaic power generation Industry in the relevant market shall be the, measure of whether a Party's performance is reasonable and timely. Unless expressly defined herein, words having well-known technical or trade meanings shall be so construed.

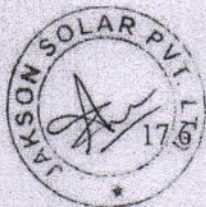
17.4 Cumulative Remedies

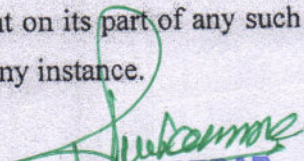
Except as set forth to the contrary herein, any right or remedy of the Power Producer or Purchaser shall be cumulative and without prejudice to any other right or remedy.

17.5 No Waiver

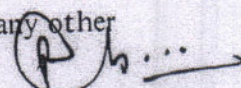
The failure of the Power Producer or Purchaser to enforce any of the provisions of the Agreement, or the waiver thereof, shall not be construed as a general waiver or relinquishment on its part of any such provision in any other instance or of any other provision in any instance.

Survival




REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)


Director
Hindustan College of
Science & Technology
Farah, Mathura

The obligations under Section 8:1 (d) (Power Producer Covenant), Sections 8.3(d), (e), (f) and (g) (Purchaser Covenants), Section 10 (Taxes and Governmental Fees), Section 13 (Limitation of Liability) Section 12.2 (Notices), Section 15 (Confidentiality), or pursuant to other provisions of this Agreement that, by their nature and context, are intended to survive. Termination of this Agreement shall survive the expiration or termination of this Agreement for any reason.

17.7 Governing Law & Jurisdiction

(a) This Agreement shall be governed by and construed in accordance with the laws of India. The Parties agree that the courts in Delhi shall have jurisdiction over any action or proceeding arising under the Agreement.

(b) In the event of any Dispute, difference of opinion or dispute or claim arising out of or relating to this Agreement or breach, termination or the invalidity thereof, shall firstly be attempted to be resolved by conciliation. The procedure as mentioned in Works Manual prevalent at the time of such dispute is to be followed to carry out the said conciliation.

(c) Arbitration Procedure:

(i) In case of any dispute arising out of this Agreement or otherwise, between the parties hereto, manual dispute resolution methodology will be used. A period of not more than 15 days will be allotted at each stage of resolution. Upon failure to resolve the said dispute through conciliation the dispute shall be referred to arbitration and the Chief Engineer may appoint an arbitrator from the panel of arbitrators of MOUD. The arbitrator(s) shall be appointed within a period of 30 days from the date of receipt of written notice / demand of appointment of arbitrator from either Party. The cost of the arbitration will be shared equally by Power. Producer and the Purchaser.

(ii) The venue of such arbitration shall be Delhi / New Delhi. The arbitral award shall be binding on both Parties. The arbitration proceedings shall be governed by the Indian Arbitration and Conciliation Act, 1996, as amended from time to time including provisions in force at the time the reference is made.

(d) During the dispute resolution period, both the Parties shall continue to perform their respective obligations as per provisions of the Agreement.

This Section 17 is severable from the rest of this Agreement and shall remain in effect

REGISTRAR
33
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)



Director
Hindustan College of
Science & Technology

even if this Agreement is terminated for any reason.

17.8 Severability

If any term, covenant or condition in the Agreement shall, to any extent, be invalid or unenforceable in any respect under Applicable Law, the remainder of the Agreement shall not be affected thereby, and each term, covenant or condition of the Agreement shall be valid and enforceable to the fullest extent permitted by Applicable Law and if appropriate, such invalid or unenforceable provision shall be modified or replaced to give effect to the underlying intent of the Parties and to the intended economic benefits of the Parties.

17.9 Successors and Assigns

This Agreement and the rights and obligations under the Agreement shall be binding upon and shall inure to the benefit of the Power Producer and Purchaser and their respective successors and permitted assigns.

17.10 Counterparts

This Agreement may be executed in one or more counterparts, all of which taken together shall constitute one and the same instrument.

17.11 Independent Service Provider

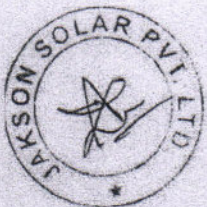
This Agreement is on a principal to principal basis between the parties hereto. Nothing contained in this Agreement shall be construed or deemed to create any association, partnership or joint venture or employer employee relationship or principal-agent relationship in any manner whatsoever between the Parties.

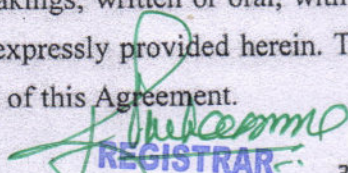
17.12 Non-Exclusive Agreement

This Agreement is on non-exclusive basis. The Purchaser is free to engage any other service provider's or may entrust services similar to those provided by the Power Producer under this Agreement to any other person/s, provided the Power Producer's rights under this Agreement are not affected in any manner.

17.13 Entire Agreement

This Agreement constitutes the entire agreement between the Parties hereto with respect of the subject matter of this Agreement and supersedes all prior agreements and undertakings; written or oral, with respect to the subject matter hereof except as otherwise expressly provided herein. The Schedules annexed to this Agreement also form a part of this Agreement.




REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

34


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

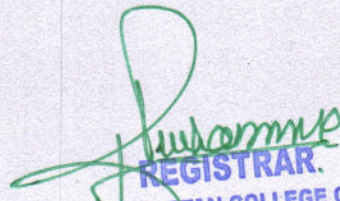

Director
Hindustan College of
Science & Technology
Farah, Mathura

17.14 Insurance

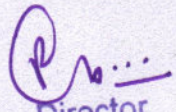
The Power Producer shall maintain at its own costs, throughout the tenure of this Agreement and any extensions thereof all mandatory insurance coverage for adequate amount including but not restricted to comprehensive general liability insurance including theft and vandalism, covering the System and accidental losses, bodily harm, injury, death of all individuals employed/ assigned by the Power Producer to perform the services required under this Agreement.

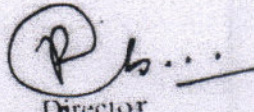
17.15 Annual accounts reconciliation shall be conducted annually between the Power Producer and Purchaser.

REMAINDER OF THE PAGE IS INTENTIONALLY LEFT BLANK


REGISTRAR.
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA




Director
Hindustan College of
Science & Technology
FARAH (MATHURA)


Director
Hindustan College of
Science & Technology

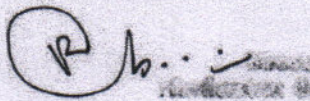
IN WITNESS WHEREOF the Parties have caused the Agreement to be duly executed through their duly authorized representatives as of the date set forth above.

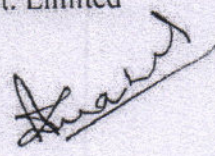
FOR & ON BEHALF OF

FOR & ON BEHALF OF POWER PRODUCER

Hindustan College of Science & Technology,
Farah, Mathura

Jakson Solar Pvt. Limited

Signature : 

Signature : 

Name : Dr. R.K. Upadhyay

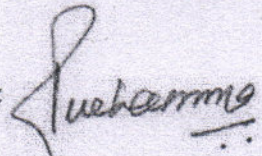
Name Avarish Pratap Singh

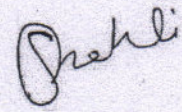
Designation : Director

Designation: Sr. Team Member - EPC

WITNESSES

WITNESSES

1) Signature : 

1) Signature : 

Name : Rajesh Kr. Sharma

Name : Shivam Kohli

Designation : Asst. Registrar

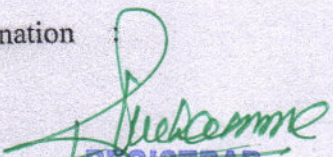
Designation: Team Member - Solar EPC

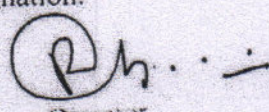
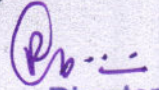
2) Signature :

2) Signature :

Name :

Name :

Designation : 
REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

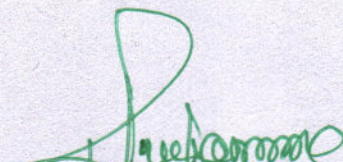
Designation: 
Director
Hindustan College of
Science & Technology

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

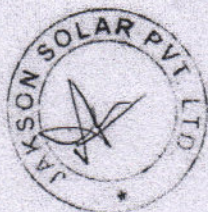


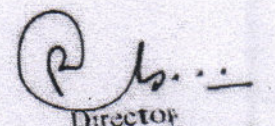
SCHEDULE 1

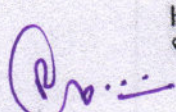
Description of the Premises:

Premises Overview	
Segment	3 Buildings (all available)
Type of Roof	RCC Roof
Hours of Operation	12 Hours, 6 Days a week
Security	Gated Complex with dedicated round the clock security arrangement
Capacity and Area Requirement	
Capacity	400 kWp
Module Area	4800 sqm (PV Syst)
Number of Building	3
Roofs	3
Capacity	400 kW
Distribution	LT


REGISTRAR
**HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY**
FARAH, MATHURA




Director
Hindustan College of
Science & Technology
Farah, Mathura


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

SCHEDULE II

FEES

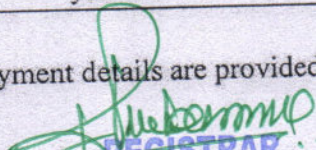
Following are the details of the tariff agreed between the parties. Purchase shall pay power producer for solar power at the rate equal to INR 4.50/KWh which is the levelized tariff as per SECI allocation.

Year wise tariff is as follows

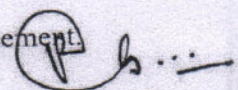
year 1	Rs. 4.50
year 2	Rs. 4.50
year 3	Rs. 4.50
year 4	Rs. 4.50
year 5	Rs. 4.50
year 6	Rs. 4.50
year 7	Rs. 4.50
year 8	Rs. 4.50
year 9	Rs. 4.50
year 10	Rs. 4.50
year 11	Rs. 4.50
year 12	Rs. 4.50
year 13	Rs. 4.50
year 14	Rs. 4.50
year 15	Rs. 4.50
year 16	Rs. 4.50
year 17	Rs. 4.50
year 18	Rs. 4.50
year 19	Rs. 4.50
year 20	Rs. 4.50
year 21	Rs. 4.50
year 22	Rs. 4.50
year 23	Rs. 4.50
year 24	Rs. 4.50
year 25	Rs. 4.50

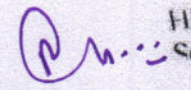
The fees and payment details are provided in detail under clause 7 of this agreement.




REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

38


Director
Hindustan College of
Science & Technology
Farah, Mathura


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

SCHEDULE III

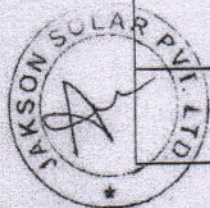
The following is the purchase value of the system over a period of 25 years. This may be applicable under the following conditions.

1. The Power Purchaser terminates the PPA before the 25 years PPA Tenure
2. The Power Purchaser wishes to own the Project before the Tenure of the PPA.
3. The Solar Project is relocated or shifted owing to demolition of the Building, damage to the building, change of city plans or any other mason.

The Price reference taken for calculating the total cost of the system is as per RFS rates for the state of Delhi has used the CERC guidelines for arriving at the Project cost.

Purchase Price for 400 kwp system @ Rs. 75/- watt.

Year	Salvage Value (Rs.)
1st year	100%
2nd year	96%
3rd year	92%
4th year	88%
5th year	84%
6th year	80%
7th year	76%
8th year	72%
9th year	68%
10th year	64%
11th year	60%
12th year	56%
13th year	52%



REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

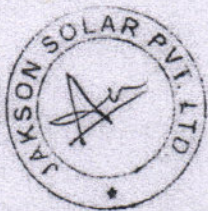
Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

Hindustan College of
Science & Technology
FARAH, MATHURA

14th year	48%
15th year	44%
16th year	40%
17th year	36%
18th year	32%
19th year	28%
20th year	24%
21th year	20%
22nd year	16%
23rd year	12%
24th year	8%
25th year	4%

REMAINDER OF THE PAGE IS INTENTIONALLY LEFT BLANK

P. Subramanian
REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

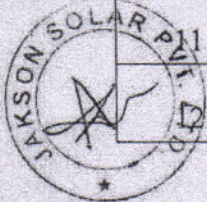


P. S. ...
 Director
 Hindustan College of
 Science & Technology
 Farah, Mathura

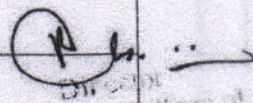
P. S. ...
 Director
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)

SCHEDULE IV/ANNEXURE IV

	Client :	Hindustan College of Science & Technology		
	Project :	400 kwp Solar Power Plant		
	Location :	Farah, Mathura		
Design Criteria				
Expected Yearly Energy Generation Sheet				
End of Year	Yearly Degradation 'MWh' (Modules & System)	Global incident in coll. Plane (GlobInc) 'kWh/Sq.mtr' Yearly	Energy injected into grid (E_Grid) 'kWh' Yearly 'A'	
1	Degradation consider in Pvsyst generation data	1881.1		
2	1.0%	1881.1		
3	1.0%	1881.1		
4	1.0%	1881.1		
5	1.0%	1881.1		
6	1.0%	1881.1		
7	1.0%	1881.1		
8	1.0%	1881.1		
9	1.0%	1881.1		
10	1.0%	1881.1		
	1.0%	1881.1		
	1.0%	1881.1		

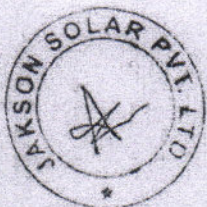



REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

13	1.0%	1881.1	
14	1.0%	1881.1	
15	1.0%	1881.1	
16	1.0%	1881.1	
17	1.0%	1881.1	
18	1.0%	1881.1	
19	1.0%	1881.1	
20	1.0%	1881.1	
21	1.0%	1881.1	
22	1.0%	1881.1	
23	1.0%	1881.1	
24	1.0%	1881.1	
25	1.0%	1881.1	

The generation is an estimate generation and may depend on weather condition. The power producer does not guarantee the above mentioned generation values, but will take corrective steps in case the values are not meeting.



[Handwritten Signature]
REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

[Handwritten Signature]
 Director
 Hindustan College of
 Science & Technology
 Farah, Mathura

[Handwritten Signature]
 Director
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)

SCHEDULE V

Government approvals

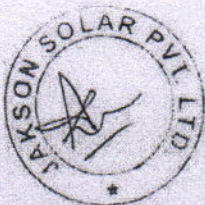
1. To be obtained by the power producer

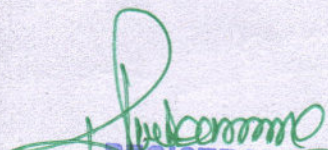
All approvals including approvals/consents required under local regulations, building codes and approvals required from the distribution utility etc. relating to installation and operation of the system (including the government incentives/subsidies available for the project) and generation and supply of solar power from the Project.

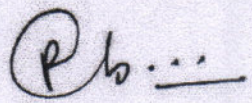
2. To be obtained by Power Purchaser

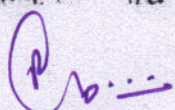
Any authorizations required of purchaser, including those required for installation of system at the premises. Permissions and coordination with DISCOM or any related organization for NET METERING. Power Purchaser will apply for net metering and bear the cost of net meter only.

REMAINDER OF THE PAGE IS INTENTIONALLY LEFT BLANK




REGISTRAR
**HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY**
FARAH, MATHURA

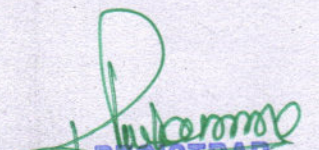

Director
Hindustan College of
Science & Technology
Farah, Mathura

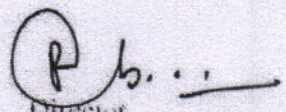

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

ANNEXURE 1

NAME OF THE BENEFICIARY	JAKSON SOLAR PVT. LTD.
PRINCIPAL PLACE OF BUSINESS & ADDRESS	DELHI, A-43, PHASE II (EXTN.) HOSIERY COMPLEX, NOIDA 201305
NAME OF THE BANK	YES BANK LIMITED
BANK ADDRESS	D12, SOUTH EXTENSION PART II NEW DELHI
BANK ACCOUNT NO.	001681300007230
TYPE OF BANK ACCOUNT - SB/CA/CC	CURRENT ACCOUNT
IFSC/NEFT/RTGS CODE	YESB0000016
MICR CODE	
PAN CARD NO.	AADCJ1334Q
PHONE NO./FAX NO. WITH STD CODE	0120-4302600
EMAIL ID OF CONTACT PERSON	parshant.kalra@jakson.com




REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA


Director
Hindustan College of
Science & Technology
Farah, Noida


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

CENTAURUS GREEN ENERGY PRIVATE LIMITED

CIN: U40300DL2017PTC320124

Registered Office: 626, 6TH FLOOR, TOWER-A, DLF TOWER JASOLA, NEW DELHI, SOUTH DELHI -110025

Tel.: 0120-4526100, 4302600, Fax: 0120-4302646

Email Id: secretarial@jakson.com

Ref. No. CGEPL/2017-18/01

Date: 20th February, 2018

To,

The Director
Hindustan College of Science & Technology,
Agra-Delhi Highway (NH-2), Farah,
Jamaalpur-Uttar Pradesh -281122

Sub:- 400 Kw Solar Rooftop Power Plant- Modification of Bank Account Details

Ref. Power Purchase Agreement dated 2nd August, 2017

Dear Sir,

This refers to the above mentioned Power Purchase Agreements (PPA) executed with your esteemed office for design, manufacture, supply, erection, testing and commissioning including warranty, operation & maintenance of 400 KWP Roof Top Solar PV power system at your Hindustan College of Science & Technology, Mathura.

We wish to inform you that we have sourced a term loan facility from Tata Cleantech Capital Limited to finance the construction cost of the said project. As part of the condition of the sanction letter the Borrower needs to open and maintain Escrow account for the project and route entire cash flows through such account maintained with the Lender.

In this regard we have opened an Escrow Account with RBL Bank Limited. Details of the account are given below

Account Title	:	CENTAURUS GREEN ENERGY PRIVATE LIMITED ESCROW AC
Account Number	:	408800366455
Bank Name	:	RBL
& Branch Address	:	GF DLF Capitol Point, Baba Kharag Singh Marg New Delhi -110001
IFSC Code	:	RATN0000100

Further, you are requested to issue an NOC for assigning Centaurus Green Energy Pvt. Ltd.'s rights under the Project Documents, if required, to the Lender as security, Step-in Rights and Substitution Rights of the Lender for the Facility.

Request Now:

In view of the above, we request you to kindly deposit all the future payments when due against our regular invoice in the above mentioned Escrow account.

Thanking you,

Yours faithfully,
For Centaurus Green Energy Private Limited



Cc: TATA Cleantech Capital Limited

REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

INDIA NON JUDICIAL

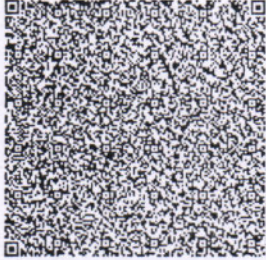
Government of National Capital Territory of Delhi



सत्यमेव जयते

e-Stamp

Certificate No.	: IN-DL32844328571182P
Certificate Issued Date	: 19-Sep-2017 05:35 PM
Account Reference	: IMPACC (IV)/ dl942203/ DELHI/ DL-DLH
Unique Doc. Reference	: SUBIN-DL94220367434514840969P
Purchased by	: CENTAURUS GREEN ENERGY PRIVATE LIMITED
Description of Document	: Article Others
Property Description	: Not Applicable
Consideration Price (Rs.)	: 0 (Zero)
First Party	: CENTAURUS GREEN ENERGY PRIVATE LIMITED
Second Party	: Not Applicable
Stamp Duty Paid By	: CENTAURUS GREEN ENERGY PRIVATE LIMITED
Stamp Duty Amount(Rs.)	: 100 (One Hundred only)



Please write or type below this line

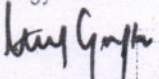

REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

This non-judicial Stamp Paper forms an integral part of "Tripartite Supplementary Power Purchase Agreement" by and between Hindustan College of Science & Technology and Centaurus Green Energy Private Limited and Jakson Solar Private Limited


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

For Centaurus Green Energy Private Limited


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)


Authorised Signatory

Statutory Alert:

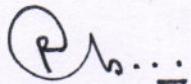
1. The authenticity of this Stamp Certificate should be verified at "www.shcilestamp.com" and any discrepancy in the details on this Certificate and as available on the website renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.

**TRIPARTITE SUPPLEMENTARY POWER PURCHASE
AGREEMENT**

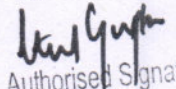
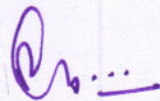
BY AND BETWEEN

- 1. HINDUSTAN COLLEGE OF SCIENCE &
TECHNOLOGY**
- 2. CENTAURUS GREEN ENERGY PRIVATE LIMITED**
- 3. JAKSON SOLAR PRIVATE LIMITED**

Dated as of 10th AUGUST, 2017


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)


REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

For Centaurus Green Energy Private Limited

Authorised Signatory

Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

SUPPLEMENTARY POWER PURCHASE AGREEMENT

This Tripartite Supplementary Power Purchase Agreement (hereinafter referred to as the "Agreement") is entered at Mathura, Uttar Pradesh on 10th day of August, 2017.

BY AND BETWEEN

DIRECTOR, HINDUSTAN COLLEGE OF SCIENCE & TECHNOLOGY MATHURA, Uttar Pradesh (hereinafter referred to as "**PURCHASER**" which expression shall unless repugnant to the context thereof be deemed to include its successors and assigns) of the **FIRST PART**;

AND

CENTAURUS GREEN ENERGY PRIVATE LIMITED having its registered office at 626, A Block, 6th Floor, Jasola, New Delhi-110 025 through Mr. Atul Gupta, authorized representative (hereinafter referred to as the "**SELLER 1**", which expression shall include its trustees, successors in title, executors, administrators, permitted assigns and representatives) of the **SECOND PART**

AND

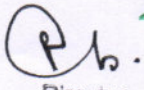
JAKSON SOLAR PRIVATE LIMITED having its registered office at 626, A Block, 6th Floor, Jasola, New Delhi-110 025 through Mr. Vaibhav Singhal, authorized representative (hereinafter referred to as the "**SELLER 2**", which expression shall include its trustees, successors in title, executors, administrators, permitted assigns and representatives) of the **THIRD PART**

The parties to this Agreement are hereinafter collectively referred to as the 'Parties' and individually as a 'Party'.

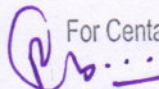
WHEREAS:

1. The Parties in the First Part had signed a Power Purchase Agreement (PPA/Agreement) dated 2nd August, 2017 comprising "1X400 KW" of "Contracted Capacity" of Solar PV Project (hereinafter referred to as "Project") with Party in the Third Part whereby the Party in First Part had undertaken to purchase solar electricity, generated from the Project, commissioned at the premises of party in the First Part at Hindustan College of Science & Technology Farah Mathura Uttar Pradesh for a duration of 25 (Twenty Five) years;
2. That the Party in the First Part hereby undertakes, affirms, confirms and declares the right(s) of Party in Third Part to nominate its affiliate(s), subsidiary(s), entity under the same management
3. The Parties in Second Part is a Wholly-owned Subsidiary of Parties in Third Part in terms of the provisions of Companies Act, 2013 and the Rules made thereunder;
4. The Parties in the First and Third Part unequivocally orally agree for assignment/transfer of the PPA in favour of party in Second Part;
5. The Party in the First Part wishes to unequivocally adhere and comply with the terms and conditions of the PPA *in toto*,

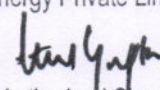
NOW THEREFORE, the parties hereto intending to be legally bound in consideration of mutual Agreements and covenants contained herein do hereby agree as follows:


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)


REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA


Director
Hindustan College of
Science & Technology
FARAH (MATHURA)

For Centaurus Green Energy Private Limited


Authorised Signatory

1. That the Party in Third Part hereby transfers all its right(s), obligation(s) under the Agreement in favour of party in Second Part;
2. This Tripartite Supplementary Agreement forms an integral part of Agreement(including Annexure thereto) for procurement of power for a period of 25 years from the date of execution of instant agreement executed between Parties in First and Third Part;
3. The Party in the First Part unequivocally agrees to purchase all the metered solar power generated and consumed as per Clause 5, 6 of the Agreement from the Party in Third Part till the expiry of the Agreement;
4. The Security paid by the Party in First Part to the Party in Third Part vide Agreement shall be deemed and/or having been paid by the Party in Second Part and the same shall be dealt with as per Clause 7 of the Agreement;
5. Any inconsistency in harmonious interpretation be read and understood in conjunction with the terms of Agreement and Annexure thereto, unless otherwise agreed to by the Parties.
6. All other terms and conditions of the Agreement shall remain unchanged.

IN WITNESS whereof the Parties, through their duly authorized representatives have signed, and affixed their respective corporate seal(s) to this Agreement on this 10th August, 2017 at Mathura Uttar Pradesh

For **Hindustan College of Science & Technology**

Signature: _____
 Name : ~~Hindustan College of Science & Technology~~
 Designation: ~~FARAH (MATHURA)~~

For **Centaurus Green Energy Pvt. Ltd**

Signature: _____
 Name: _____
 Designation: _____

For **Jakson Solar Private Ltd**

Signature: _____
 Name: _____
 Designation: _____

Signature: _____
 Name : ~~Hindustan College of Science & Technology~~
 Designation: _____


REGISTRAR
 HINDUSTAN COLLEGE OF
 SCIENCE & TECHNOLOGY
 FARAH, MATHURA


 Director
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)



Hindustan College of Science & Technology

AICTE Approved • MTU Affiliated • 5 NBA Accredited Courses

Agra-Delhi Highway (NH-2),
Farah, Dist. Mathura - 281 122
U.P. (India)
Tel : + 91-565-2763366,
+ 91-565-2763705 / 06
Fax : +91-565-2763364

Recommendation for release of Subsidy to installer/Successful bidder by owner of the SPV plant/
beneficiary under SECI Rooftop Scheme
(On the letter head of the owner/beneficiary)

RFS No. SECI/Cont./01/2016/500 Dated: 22/04/2016 Date: 06/05/18

1	Name of the owner / beneficiary & Complete postal address : Hindustan college of science and technology, Mathura.
2	Name of the Authorized contact person: (HCST) (Including mobile no & Email-id)
3	Address of SPV power plant installed : Hindustan college of science and technology, Mathura.
4	Name of the Installer/Successful Bidder : CENTAURUS GREEN ENERGY PVT. LTD.

Sl. No	Component	Details
1	Actual capacity of SPV system installed (kWp)	400 Kw p
2	Date of SPV plant Synchronized with the grid	05/05/2018
2	Whether training was provided by installer for operation and maintenance (O&M) of SPV plant. Note: O&M of SPV plant for 5 years shall be the responsibility of installer from the date of issue of commissioning certificate by SECI.	YES/Noted
3	Whether the following documents were provided or not: Installation manual(SPV system), certificates, catalogue, As Built drawings for (DC SLD, AC SLD, Plant Layout, Civil & Structural drawings, SCADA drawings, Earthing & Lightning drawings, Bill of Quantity (BOQ), Design sheet for Earthing calculations, other drawings, etc.,	YES
4	Transferred all the Warrantees and Guarantees of the different components of Solar PV system to the Owner of the project.	YES
5	Insurance during erection, testing & commissioning	YES
6	Web link for Remote monitoring of SPV plant including username & password to be provided by installer to SECI and owner of SPV plant (Above 10kWp)	YES
7	Capacity utilization factor (CUF) should be certified by Owner of the plant /beneficiary during 5 years O&M period.	YES
8	Cost break up	Owner share: Rs. _____ / Wp SECI Share: Rs. _____ Wp

P. Subramanian
REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

Director
Hindustan College of
Science & Technology
Farah (MATHURA)



DISCOVERING KNOWLEDGE

131

Dt. 16/01/2021

To,
The Vice-chairman,
Sharda Group of Institutions (SGI)

Sir,

Following is the detail of electricity bill and consumption of solar power as desired.

Our campus total load consumption during last 6 months (July 2020 - December 2020) is around 200 Kw. The reason for less load during this tenure was less number of students in hostel. Also classes were running online so classrooms power consumption was almost negligible.

Observation:

Our solar generation capacity is 400 Kw. At the time of power shutdown as only 200 Kw is being consumed and rest is reverse feeded to the Generator. This affects the functioning of D.G. Set and it get tripped and also this process affects the rectifier circuit of the generator exciter. So, due to these problems the solar plant as per the capacity of the campus load is made in operation.

Suggested Remedies:

1. If the solar plant control is provided to the control panel, then, when only Generator is operated that time solar panel will be off and rest of the time during DVVNL supply, the solar panel will be in operating mode. D.G. reverse power tripping can be stopped if D.G. has 10% self loading.
2. The academic building (Load nearly 200 Kw) solar plant connection should be separate and provided to the control panel. At the time of functioning of D.G. set, academic building solar plant can be shutdown and rest in operation.

HCST Solar Generating Report and DVVNL Billing

July 2020 to December 2020

Month/ Year	Solar Installed Capacity = 400Kwp					DVVNL		
	Generated Units	Rate Rs. 4.5/Unit	Total Billing Rs.	Used Solar Capacity	Remarks	Consumed Units	Billing Rs.	Average Load Maximum
Jul-20	14531	4.5	65389	190 Kw	Used Solar Capacity 190 Kw Ideal Capacity 210 Kw	39110	535578	200 Kw to 250 Kw
Aug-20	15675	4.5	70537	190 Kw	Used Solar Capacity 190 Kw Ideal Capacity 210 Kw	34440	492002	200 Kw to 250 Kw
Sep-20	12941	4.5	58234	170 Kw	Used Solar Capacity 170 Kw Ideal Capacity 230 Kw	45360	631221	200 Kw to 250 Kw
Oct-20	11333	4.5	50998	170 Kw	Used Solar Capacity 170 Kw Ideal Capacity 230 Kw	31570	459045	250 Kw to 300 Kw
Nov-20	20571	4.5	92569	250 Kw	Used Solar Capacity 250 Kw Ideal Capacity 150 Kw	23020	385442	250 Kw to 350 Kw
Dec-20	15978	4.5	71901	240 Kw	Used Solar Capacity 240 Kw Ideal Capacity 160 Kw	42460	566837	250 Kw to 350 Kw

With regards,

Dr. R.K. Upadhyay
Director, HCST

[Handwritten Signature]
REGISTRAR
HINDUSTAN COLLEGE OF
SCIENCE & TECHNOLOGY
FARAH, MATHURA

[Handwritten Note]
 Sent to V. C. Sir
 NG 16/1/21


[Handwritten Signature]
Director
Hindustan College of
Science & Technology
FARAH (MATHURA)


Solar Energy utilization in HCST college

W.R.T GRID OF DVVNL / DG SET (500 KVA / 1010 KVA) FROM APRIL 2019 MARCH 2020

S.NO	MONTHLY YEAR	DVVNL 11 KV 495 KVA		D.G SETS 500 KVA /1010 KVA			SOLAR 405 KWP /270 KWP			TOTAL UNITS	% AGE OF SOLAR ENERGY	REMARK
		MAX.M	COMSUMED	TOTAL RUN. HRS	COMSUMED	GENERATIRIT	TOTAL	GRID	NET UTITOWED	CONSUMPTION		
		DEMAN (KVA)	UNIT		DIESEL	UNIT	GENERATIR	OWLAGE	UNIT	SOLAR+DVVNL +DG		
1	Apr-19	408	72370	22+111=133	4450	14240	30017	5500	24517	111127	22.06	
2	May-19	439	81390	81+25=106	6033	19306	31367	5120	26247	126943	20.68	
3	Jun-19	339	65670	107+0=107	4632	14822	32712	6000	26712	107204	24.92	
4	Jul-19	364	57880	159+0=159	6885	22032	32072	4940	27132	107044	25.35	
5	Aug-19	442	74430	94+34=128	4635	14832	24034	4800	19234	108496	17.73	
6	Sep-19	578	74240	110+0=110	4970	15904	39419	4970	34449	124593	27.65	
7	Oct-19	260	45780	63+0=63	3210	10272	49130	4970	44160	100212	44.07	
8	Nov-19	167	54100	19+20=39	1920	6144	16388	5000	11388	71632	15.90	
9	Dec-19	192	65740	14+41=56	3850	12320	13242	5000	8242	86302	9.55	
10	Jan-20	183	64020	27+20=47	2510	8032	18242	4940	13302	85354	15.58	
11	Feb-20	211	51040	35+14=49	2560	8192	24788	6210	18578	77810	23.88	
12	Mar-20	164	33800	90+06=96	3405	10896	20270	7210	13060	57756	22.61	

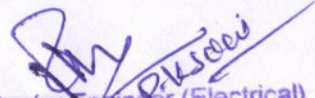

 Senior Engineer (Electrical)
 Sharda Group of Institutions
 Agra-Mathura (Campus)

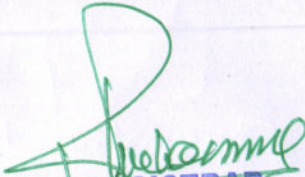

REGISTRAR
 HINDUSTAN COLLEGE OF
 SCIENCE & TECHNOLOGY
 FARAH, MATHURA

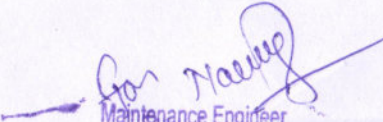

 Maintenance Engineer
 Hindustan College of Science & Technology
 Farah, Mathura


 Director
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)

Solar Energy utilization in HCST college												
W.R.T GRID OF DVVNL / DG SET (500 KVA / 1010 KVA) FROM APRIL 2020 MARCH 2021												
S.NO	MONTHLY PERIOD	DVVNL 11 KV 495 KVA		D.G SETS 500 KVA /1010 KVA			SOLAR 405 KWP /270 KWP			TOTAL UNITS	% AGE OF SOLAR ENERGY	REMARK
		MAX.M	COMSUMED	TOTAL RUN. HRS	COMSUMED	GENERATIRIT	TOTAL	GRID	NET UTITOWED	CONSUMPTION		
		DEMAN (KVA)	UNIT		DIESEL	UNIT	GENERATIR	OWLAGE	UNIT	SOLAR+DVVNL +DG		
1	Apr-20	105	19140	35+30=65	1220	3904	12764	6000	6764	29808	22.69	
2	May-20	93	22720	95+9=104	2710	8672	13041	7500	5541	36933	15.00	
3	Jun-20	495	30060	73+32=105	2992	9574	5413	3000	2413	42047	5.74	
4	Jul-20	262	39110	121+31=152	5683	18186	14531	4370	10161	67457	15.06	
5	Aug-20	230	34440	72+33=105	4175	13360	15675	4000	11675	59475	19.63	
6	Sep-20	314	49360	70+19=89	3760	12032	12941	4490	8451	69843	12.10	
7	Oct-20	216	31370	24+24=48	1785	5712	11333	5480	5853	42935	13.63	
8	Nov-20	101	23020	8+38=46	1840	5888	20571	5500	15071	43979	34.27	
9	Dec-20	344	42460	24+0=24	840	2688	15978	4000	11978	57126	20.97	
10	Jan-21	203	68740	73+0=73	2920	9344	17913	3500	14413	92497	15.58	
11	Feb-21	189	47510	32+16=48	2085	6672	12137	3070	9067	63249	14.34	
12	Mar-21	129	38420	30+82=112	2218	7098	13870	2970	10900	56418	19.32	


 Senior Engineer (Electrical)
 Sharda Group of Institutions
 Agra-Mathura (Campus)



REGISTRAR
 HINDUSTAN COLLEGE OF
 SCIENCE & TECHNOLOGY
 FARAH, MATHURA


 Maintenance Engineer
 Hindustan College of Science & Technology
 Farah, Mathura



 Director
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)

GRID Solar Energy utilization in HCST college
W.R.T GRID OF DVVNL / DG SET (500 KVA / 1010 KVA) FROM APRIL 21 MARCH 2022

S.NO	MONTHLY / YEAR	DVVNL 11 KV 495 KVA		D.G SETS 500 KVA / 1010 KVA			SOLAR 405 KWP / 270 KWP			TOTAL UNITS	% AGE OF SOLAR	REMARK
		MAX.M	COMSUMED	TOTAL RUN. HRS	COMSUMED	GENERATORIT	TOTAL	GRID	NET UTITOWED	CONSUMPTION	ENERGY	
		DEMAN (KVA)	UNIT		DIESEL	UNIT	GENERATORIT	OWLAGE	UNIT	SOLAR+DVVNL +DG		
1	Apr-21	170	36220	35+67=102	4098	13144	21420	3110	18310	67674	27.06	
2	May-21	96	21690	22+24=46	920	2944	15385	3040	12345	36979	33.38	
3	Jun-21	270	35490	13+103=116	4640	14848	21502	3050	18452	68790	26.82	
4	Jul-21	272	41780	74+123=197	5095	16304	23238	3030	20208	78292	25.81	
5	Aug-21	294	49930	31+84=115	3510	11232	24000	3310	20690	81852	25.28	
6	Sep-21	351	56440	31+64=95	3714	11885	26730	3000	23730	92055	25.78	
7	Oct-21	360	44930	23+48=71	2898	9274	18730	3300	15430	69634	22.16	
8	Nov-21	137	41400	12+16=28	804	2573	17540	3100	14440	58413	24.72	
9	Dec-21	208	55610	17+39=56	1950	6240	19347	3020	16327	78177	20.88	
10	Jan-22	210	61160	8+50=58	2135	6832	13569	3580	9989	77981	12.81	
11	Feb-22	155	34813	6+20=26	875	2800	35850	3590	32260	69873	46.17	
12	Mar-22	182	40090	8+35=35	1195	3824	36204	3600	32604	76518	42.61	


 Senior Engineer (Electrical)
 Sharda Group of Institutions
 Agra-Mathura (Campus)


 Maintenance Engineer
 Hindustan College of Science & Technology
 Farah, Mathura

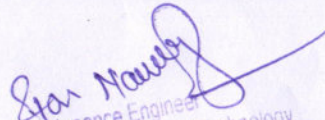

REGISTRAR
 HINDUSTAN COLLEGE OF
 SCIENCE & TECHNOLOGY
 FARAH, MATHURA

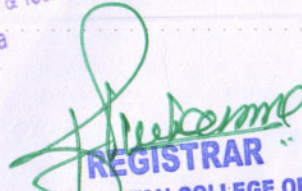

 Director
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)

Solar Energy utilization in HCST college

W.R.T GRID OF DVVNL / DG SET (500 KVA / 1010 KVA) FROM APRIL 2022 MARCH 2023

S.NO	MONTHLY / YEAR	DVVNL 11 KV 495 KVA		D.G SETS 500 KVA / 1010 KVA			SOLAR 405 KWP / 270 KWP			TOTAL UNITS	% AGE OF SOLAR	REMARK
		MAX.M	COMSUMED	TOTAL RUN. HRS	COMSUMED	GENERATOR	TOTAL	GRID	NET UTILITOWED	CONSUMPTION	ENERGY	
		DEMAN (KVA)	UNIT		DIESEL	UNIT	GENERATOR	OWTAGE	UNIT	SOLAR+DVVNL +DG		
1	Apr-22	340	61920	39	1000	3200	27028	3500	23528	88648	26.54	
2	May-22	351	55520	193.4	5589	17885	46839	3300	43539	116944	37.23	
3	Jun-22	353.5	63710	113	3710	11870	54630	3300	51330	126910	40.45	
4	Jul-22	373	57930	105.7	3490	11170	40060	3000	37060	106160	34.91	
5	Aug-22	266	46760	79.6	2543	8135	42245	2500	39745	94640	42.00	
6	Sep-22	351	48200	104.75	5165	16528	33945	3000	30945	95673	32.34	
7	Oct-22	205	56171	67.9	1790	5725	32945	3500	29445	91341	32.24	
8	Nov-22	128.2	38400	45.9	1202	3446	33150	5400	27750	69596	39.87	
9	Dec-22	121.2	48245	24.7	696	2227	41575	5420	36155	86627	41.74	
10	Jan-23	178	54700	101.9	3163	10121	28025	4900	23125	92846	24.90	
11	Feb-23	140.6	43230	42.1	1199	3836	45125	5200	39925	92191	43.30	
12	Mar-23	128.2	33485	55.4	1277	4086	42220	4000	38220	79791	47.90	


 Sanjay
 Maintenance Engineer
 Hindustan College of Science & Technology
 Farah, Mathura


REGISTRAR
 HINDUSTAN COLLEGE OF
 SCIENCE & TECHNOLOGY
 FARAH, MATHURA


 Director
 Hindustan College of
 Science & Technology
 FARAH (MATHURA)