
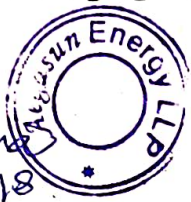

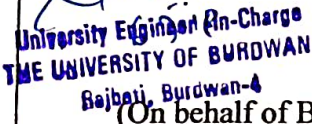



14. The detail of the Assets has been submitted to the UNIVERSITY to maintain the Asset Register and future guidance.
15. The Operation and day-to-day maintenance training of the system has been given to the UNIVERSITY.

<p>Handed over to WBREDA by</p> <p><i>Gour Mohan</i> 6/7/18</p>  <p>(On behalf of Executing Agency)</p>	<p>Taken over by WBREDA from the Executing Agency</p> <p><i>Shilpa</i> 6/7/18</p> <p>Soumya Prakash Sil (On behalf of WBREDA)</p>
<p>Witness (On behalf of the Executing Agency)</p> <p>Signature <i>Bapan</i></p>  <p>Name Bapan 6/7/18</p> <p>1).....</p>	<p>Witness (On behalf of WBREDA)</p> <p>Signature <i>Aditi Ghosh</i></p>  <p>Name ADITI GHOSH</p> <p>1).....</p>
<p>Handed over to the Beneficiary Organization by WBREDA</p> <p><i>Shilpa</i> 6/7/18</p> <p>Soumya Prakash Sil (On behalf of WBREDA)</p>	<p>Taken over by Beneficiary Organization from WBREDA</p> <p><i>Dr. Rajat Ray</i></p>  <p>Dr. Rajat Ray DEVELOPMENT OFFICER The University of Burdwan BURDWAN-713104 INDIA</p> <p>(On behalf of Beneficiary Organization)</p>
<p>Witness (On behalf of WBREDA)</p> <p>Signature <i>Aditi Ghosh</i></p>  <p>Name ADITI GHOSH</p> <p>1).....</p>	<p>Witness (On behalf of Beneficiary Organization)</p> <p>Signature <i>Raj</i></p> <p>FINANCE OFFICER THE UNIVERSITY OF BURDWAN BURDWAN, WEST BENGAL</p> <p>REGISTRAR (Office) THE UNIVERSITY OF BURDWAN BURDWAN-713104</p> <p>1).....</p>

2. The **UNIVERSITY** shall arrange for adequate security and safety of the systems to be installed under the project and shall ensure protection of the system in order to avoid tempering and any unforeseen affair which may cause damage to the system.
3. The **UNIVERSITY** shall maintain and monitor regular performance of the power plant. In case of any malfunctioning of the system, Institute shall directly contact with the Executing Agency with an intimation to WBREDA.
4. WBREDA shall have right to access in respect of study, analysis for evaluation of the performance of the project.
5. The **UNIVERSITY** shall allow the officials of WBREDA, MNRE Government of India or their authorized representative to access the project site after giving intimation to the **UNIVERSITY**.
6. WBREDA and the **UNIVERSITY** shall be entirely responsible for protecting the confidentiality of all data, technology and strategies mutually exchanged for implementation and success of the project
7. The complete PV Power Plant shall be warranted for a period of five years. WBREDA shall ensure warrantee obligation through M/s AEGASUN ENERGY LLP who has executed the work.
8. The **UNIVERSITY** shall take up the necessary formalities with the utility to avail Net metering benefit.
9. The **UNIVERSITY** shall responsible to upkeep the PV Power plant and also keep close contact with the Executive Agency for breakdown and preventive maintenance.
10. The **Executing Agency (M/s AEGASUN ENERGY LLP)** shall arrange as and when so required regular cleaning of PV Array as and when so required, at their own cost.
11. The **UNIVERSITY** shall arrangement the capital maintenance, if required after expiry of Guarantee Period to ensure the trouble free operation of the PV power plant.
12. The **UNIVERSITY** shall enter into an Annual Maintenance Contract (AMC) after expiry of Guarantee Period to ensure the trouble-free operation of the PV power plant.
13. The **UNIVERSITY** shall designate one of their officials as the as the Nodal officer to look after the project.

Handover – Takeover Note

Name of the project: Grid connected Roof top Solar PV Power Plant of nominal array capacity of 100kWp.

Installation Site: Burdwan University, Burdwan Rajbati, Raiganj, Burdwan, West Bengal-713104.

Project funded by: i) Govt. of West Bengal
ii) MNRE. Government of India.

End User: Burdwan University, Burdwan Rajbati, Raiganj, Burdwan, West Bengal-713104.

Name & Address of the Implementing Agency: West Bengal Renewable Energy Development Agency (WBREDA)
Bikalpa Shakti Bhavan, Plot No.J1/10, Block - EP & GP, Sector - V, Salt Lake Electronics Complex, Kolkata - 700 091.
Ph.No.(033) 23575038/5348 Fax.(033) 23576569

Executing Agency: M/s AEGASUN ENERGY LLP
9049797123

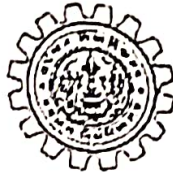
Date of handing over: 6/7/18.

West Bengal Renewable Energy Development Agency (WBREDA) is handing over the assets on 6/7/18 as created by installation of grid connected roof top solar PV power plant of nominal PV Array capacity of **100 kWp** at Burdwan University, Burdwan Rajbati, Raiganj, Burdwan, West Bengal-713104 in full working and operating condition along with bill of materials. Burdwan University, Burdwan Rajbati, Raiganj, Burdwan, West Bengal-713104 is taking over the assets along with the project document with the terms and conditions as mentioned herein under:

Terms and conditions:

1. Ownership of project will rest with the Burdwan University, Burdwan Rajbati, Raiganj, Burdwan, West Bengal-713104 The asset of this project shall not be transferable. At the end of the life of the project the materials shall be disposed of properly.

Dr. Indrajit Roy
Development Officer



THE UNIVERSITY OF BURDWAN
RAJBATI, BURDWAN - 713104
WEST BENGAL, INDIA

No. RB-II/223(2015-2016)/

Dated: 13.5.2015

To

The Director
West Bengal Renewable Energy Development Agency
Bikalpa Shakti Bhavan, J-1/10, EP & GP Block
Salt Lake Electronics Complex, Sector-V,
Kolkata-700091

Subject: Placement of fund for construction of Roof Top
Solar PV Power Plants at Burdwan University

Sir,

With reference to your letter no WBREDA/53(2013)/Part VI/1032 dated 13.3.2015 regarding placement of fund for construction of Roof Top Solar PV Power Plants at this University, I am forwarding herewith a cheque amounting to Rs. 84,50,000.00 only vide cheque no. 043116 dated 31.3.2015 in favour of the Director. WBREDA for the above mentioned purpose.

Receipt of the above documents may kindly be acknowledged.

Thanking You,

Yours faithfully

Development Officer

D.A. As stated above



DE(E)
To discuss along
with the programme
[Signature]
20/05/15

RD-1
[Signature]
22/5

59(2013) / Pan VI / Education
6.9.14

GOVERNMENT OF WEST BENGAL
Higher Education Department
Budget Branch, Bikash Bhaban,
Saltlake, Kolkata

Tel:23589662
Fax:23212550
Date :31/07/2014

Memo No : 162(Sanc)/EH/P/Univ/1U-95/13

Sanction-cum-Allotment Order

Demand No. : 13 Department Code : EH Financial Year : 2014 - 2015

1. Sanctioning Authority: Education(Higher)
2. Name of the Grantee Institution: Burdwan University
3. Address of the Grantee Institution: Rajbati, Burdwan, PIN - 713 104
4. Category of Grantee Institution: Education Institution
5. Amount Sanctioned: 8450000 (in words Rs. Eighty Four Lakh Fifty Thousand Only.)
6. Name of the DDO: FINANCE OFFICER,BURDWAN UNIVERSITY,BURDWAN.
6. Amount of this Financial Sanction : Rs. 8450000 (in words Rs. Eighty Four Lakh Fifty Thousand Only.)
7. Department Code: EH-Education (Higher)
8. Name of the Sub-Allotting Authority / DDO: FINANCE OFFICER,BURDWAN UNIVERSITY,BURDWAN.
9. Nature of Grant (a) Recurring or Non-recurring: Non-Recurring (b) Capital or Revenue: Revenue
10. Condition of Grant Utilisation Certificate required: Yes
11. Category of Grant : Education Institution
12. Purpose of Grant : Construction of Roof Top Solar PV Power Plant

3. An amount of Rs 8450000 is hereby allotted for this period in favour of the FINANCE OFFICER,BURDWAN UNIVERSITY,BURDWAN. From the head of account 2202-03-102-SP-001-31-02-V from the budget provision of the financial year,2014 - 2015 under Demand No.13 Department Code EH and payable to Grantee Institution by A/c payee cheque/by transfer credit

Head of Account Code :2202-03-102-SP-001-31-02-V


Name of the Scheme :Development of Universities

The amount will be drawn in T.R. from No.31/32/43

The sanctioned amount will be payable to Burdwan University by Transfer Credit to the Head of Account of the PL/Deposit Account of the Grantee Institution or by A/C payee Cheque as applicable

Remarks: The Finance Officer, Burdwan University is requested to place the fund to WBREDA with a DPR for construction of Roof Top Solar PV Power Plant in his University.

Total released amount is within the Budget Provision of the above mentioned head of account during 2014 - 2015
This order issues in exercise of the power delegated under Finance Department Memo. No. 2220-F.B. dated 29.03.2014
in concurrence of Finance Deptt: vide Gr. Financial Advisor, Education U.O. No. 240 FA/Education Date 22.07.2014


ASSISTANT SECRETARY

**COMMISSIONING REPORT (PROVISIONAL) FOR GRID CONNECTED SOLAR
PHOTOVOLATIC POWER PLANT (with Net-metering facility)**

Certified that a Grid Connected SPV Power Plant of _____ capacity has been installed at the site _____ district _____ of WEST BENGAL which has been installed by _____. On _____. The system is as per BIS/MNRE specifications. The system has been checked for its performance on _____ (Date of Inspection of installation & commissioning) with/without installation of bi-directional meter and it is working satisfactorily. The system is suitable for installation of bi-directional energy meter.

Signature of the beneficiary

Signature of the rep. Of supplier
With name, seal and date

Signature of the P.O./APO
With name, seal and date

:2:

Memo no: WBREDA/111(2016)/758 (1-11) (iv)

Dated: 13.11.2017

Copy to

1. The Director-in-Charge, WBREDA & CMD, WBPDCCL
2. The Additional Director & CEO, WBREDA
3. The Special Secretary, Higher Education Department, Bikash Bhavan, Salt Lake, Kolkata-91
- ✓ 4. The University Engineer, Burdwan University, Rajbati, Burdwan Pin-713104
5. The University Engineer, Vidyasagar University, PO. Vidyasagar University, Midnapore, District: Paschim Midnapore, Pin-721102
6. The University Engineer, Gour Banga University PO: Mokdumpur, District: Malda, Pin: 732103
7. The University Engineer, Jadavpur University, Jadavpur, Kolkata-700032
8. Dr. Suchandra Bardhan, Professor, Department of Architecture, Jadavpur University, Jadavpur, Kolkata-700032
9. M/s Aegasun Energy LLP, C-201, Megacenter, Pune Solapur Road, Hadapsar, Pune-411028


15.11.17
Chief Engineer

Speed.

2



WEST BENGAL RENEWABLE ENERGY DEVELOPMENT AGENCY

(An Organisation of Deptt. of Power & NES, Govt. of West Bengal)
Bikalpa Shakti Bhawan, Plot No. J1/10, EP & GP Block, Sector-V,
Electronics Complex Salt Lake, Kolkata - 700091

☎: 2357 5038/5348 /6568

☎: 2357 5037/6569

Memo no: WBREDA/111(2016)/758 (i-iv)

Dated: 13.11.2017

To

1. The Registrar
Burdwan University
Rajbati, Burdwan Pin-713104
2. The Registrar
Vidyasagar University
PO. Vidyasagar University, Midnapore,
District: Paschim Midnapore, Pin-721102
3. The Registrar
Gour Banga University
PO: Mokdumpur, District: Malda,
Pin: 732103
4. The Registrar
Jadavpur University
Jadavpur, Kolkata-700032

Subject: Setting up of grid connected solar PV Power Plant at four (04) Universities –Regd.

Sir(s),

With reference to the above, we would like to inform you that WBREDA has already energized the rooftop grid connected Solar PV Power Plant at your university. The date of energisation of GRTSPV with their capacity at respective Universities are as follows:

Sl No.	Name of the University	Capacity of the Solar PV Power Plant	Date of charging of Power Plant
1	Gour Banga University, Malda	100 kWp	10.09.2017
2	Vidyasagar University, Paschim Medinipur	100 kWp	24.10.2017
3	Jadavpur University, Jadavpur	50 kWp	19.10.2017
4	Burdwan University, Purba Burdwan	100 kWp	02.11.2017

As the power plant has been charged, a provisional installation report is to be jointly signed by University, WBREDA and the Vendor and the same to be sent to MNRE, Government of India as first hand information of the installation. The copy of the provisional installation report is enclosed herewith.

It may be noted that the testing of the Power Plant is going on. After completion of testing, the plant shall be handed over to the University with all the relevant project documents from this end.

Encl: As stated

Yours faithfully

Sd/—

(P.K. Basu)
Chief Engineer



WEST BENGAL RENEWABLE ENERGY DEVELOPMENT AGENCY

(An organisation of Department of Power and N.E.S., Govt. of W.B.)
Bikalpa Shakti Bhavan, J-1/10, EP & GP Block,
Salt Lake Electronics Complex, Sector-V, Kolkata-700 091

Phone : 2357-5038, 2357-5348, 2357-6568
Telefax No. : (033) 2357-5037/6569

7

No. : WBREDA/

Date

SANCTION ORDER

Sanction is hereby accorded for a sum of Rs18,34,152/- (Rupees eighteen lakh thirty four thousand one hundred fifty two) only to THE UNIVERSITY OF BURDWAN, RAJBATI, PURBA BARDHAMAN on account of refund of excess beneficiary contribution for setting up of 100 kwp GCRTSPV Power Plants with 5 (five) years comprehensive maintenance.

Sanctioned amount of Rs18,34,152/- (Rupees eighteen lakh thirty four thousand one hundred fifty two) only shall be paid to THE UNIVERSITY OF BURDWAN, RAJBATI, PURBA BARDHAMAN to the Bank Account No. 30011412523 of State Bank of India, Burdwad University vide IFS Code SBIN0002033 of THE UNIVERSITY OF BURDWAN, RAJBATI, BURDWAN from the Corporation Bank Account of WBREDA.

This has the approval of the Director-in-Charge, WBREDA on 10th June 2019.

All concerned are Informed accordingly.


Additional Director & Chief Executive Officer
WBREDA

No. WBREDA/ 111 (2016)/280-①

date - 18.06.19

Copy forwarded for information and necessary action to:-

1. The Registrar, THE UNIVERSITY OF BURDWAN, RAJBATI, PURBA BARDHAMAN -713104.
2. The DDO, WBREDA.
3. The Chief Engineer, WBREDA.


Additional Director & Chief Executive Officer
WBREDA

UE
SA 24.08.19

A.E/C Elec
25/6/19

S. Roy
27/6/19

As per discussion ^{with} F.O original copy sent to A. Sarkar (Finance Secretariat)
on 02.08.2019
P.S.
02.08.2019

Site Maintenance Logbook

Maintenance Report for Roof Top Grid Connected SPV Power Plant of nominal array capacity of 100kWp

Project: Design & Engineering Manufacture / Procurement, Testing, Supply, Installation & Commissioning of one no. Grid Connected Solar PV Power Plant Capacity of 100kWp including five (5) years Comprehensive maintenance on turnkey basis at Burdwan University, West Bengal.

Nominal PV Array capacity	100 kWp
LOA No:	1)WBREDA Work Order No. WBREDA/111(2016)/743 dated 21.12.16
	2) WBREDA Work Order No. WBREDA/111(2016)/744 dated 21.12.16
Customer	West Bengal Renewable Energy Development Agency(WBREDA)
Name of the Site	Burdwan University
Date of Visit	25/06/2019
Start Time	12:15
End Time	13:45

Cleaning	Modules(Yes/No)	Yes, cleaned
	Elec. Panels(Yes/No)	Yes, cleaned

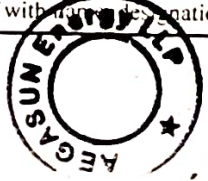
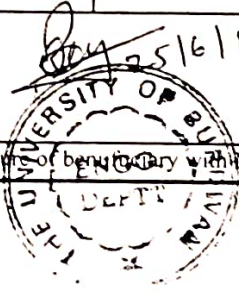
Array Field	Tightness of Structure Nut Bolts	OK
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Electrical Check Up	Inverter Function	OK, Running condition
	Tightness of all connection	OK
	Neutral to earthing	295 volts
	Functioning of Data	OK, on Running condition

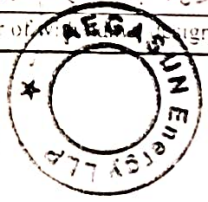
Record Input DC Voltage at MPPT/Inv.	Inv. 1		Inv. 2		Inv. 3		Inv. 4		Total (kW)	
	MMPT-1	MPPT-2	MMPT-1	MPPT-2	MMPT-1	MPPT-2	MMPT-1	MPPT-2		
	574 V	590 V	590 V	576 V	572 V	598 V	580 V	578 V		
	14.73 A	14.55 A	14.5 A	14.65 A	14.7 A	14.69 A	14.66 A	14.6 A		
	2467 W	2597 W	2577 W	2660 W	2479 W	2796 W	2513 W	2735 W		
Inverter O/P	Inv. 1		Inv. 2		Inv. 3		Inv. 4		Total (kW)	
	R: 232V	24.1A	R: 231V	24.1A	R: 232V	24.6A	R: 232V	24.5A		
	Y: 231V	24.1A	Y: 230V	24.1A	Y: 230V	24.5A	Y: 231V	24.5A		
	B: 229V	24.1A	B: 229V	24.1A	B: 231V	24.6A	B: 231V	24.5A		
E-Today										

Remarks if Any

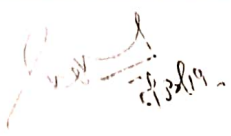
Signature of beneficiary with Name, Designation: *Baban Jana* 25/06/2019
 Signature of engineer of with Name, Designation & Stamp: *Baban Jana* 25/06/2019



WBREDA Work Order No. WBREDA/VI/2016/744 Dated 21.12.16									
WBREDA Work Order No. WBREDA/VI/2016/744 Dated 21.12.16									
Customer	West Bengal Renewable Energy Development Agency WBREDA								
Name of the Site	Burdwan University								
Date of Visit	15/12/2016								
Start Time	10:30 AM								
End Time	02:00 PM								
Cleaning	Mechures Yes/No	Yes, cleaned							
	Elec. Panels(Yes/No)	Yes, cleaned							
Array Field	Tightness of Structure	OK							
	Nut Bolts	OK							
Electrical Check Up	Inverter Function	OK, Running Condition							
	Tightness of all connection	OK							
	Neutral to earthing	315 Volts							
	Functioning of Data	OK, Data Transferred							
Record	Inv. 1		Inv. 2		Inv. 3		Inv. 4		Total (kW)
	MMPT-1	MPPT-2	MMPT-1	MPPT-2	MMPT-1	MPPT-2	MMPT-1	MPPT-2	
Input DC Voltage at MPPT/Inv.	674 V 14.66 A 27.2 kW	671 V 14.55 A 27.2 kW	662 V 13.3 A 27.2 kW	634 V 13.9 A 28.55 kW	625 V 13.44 A 27.30 kW	661 V 13.1 A 27.15 kW	650 V 12.2 A 26.2 kW	655 V 13.05 A 25.75 kW	
Inverter O/P	Inv. 1		Inv. 2		Inv. 3		Inv. 4		Total (kW)
	R: 246 V 24.3 A	R: 242 V 23.3 A	R: 241 V 24.5 A	R: 247 V 24.1 A					
	Y: 246 V 24.2 A	Y: 242 V 22.4 A	Y: 247 V 24.5 A	Y: 247 V 24.5 A					
	B: 242 V 24.3 A	B: 242 V 22.4 A	B: 247 V 24.5 A	B: 247 V 24.5 A					
E-Today									
Remarks if Any									
Signature of Engineer with Name	Babam Jais				Subbaraj 15/12/2016				
Designation	Subbaraj				Subbaraj				



Seen

Functioning of Data Logger & Sensor (Yes/No)	ON, Running Condition									
Record Input DC Voltage at MPPT/Inv.	Inv. 1		Inv. 2		Inv. 3		Inv. 4			
	MMPT-1	MPPT-2	MMPT-1	MPPT-2	MMPT-1	MPPT-2	MMPT-1	MPPT-2		
	65.8...V 12.17.A 80.2kW	65.1...V 13.04.A 85.7kW	62.5...V 13.09.A 87.2kW	66.1...V 13.77.A 91.0kW	61.1...V 14.55.A 93.2kW	62.8...V 14.06.A 87.2kW	66.5...V 13.72.A 88.1kW	62.4...V 13.74.A 88.3kW		
Inverter O/P	Inv. 1		Inv. 2		Inv. 3		Inv. 4		Total (kW)	
	R:248.V 21.6.A		R:246.V 21...A		R:246.V 24.2A		R:247.V 23.3A			
	Y:248.V 21.6.A		Y:248.V 23.7A		Y:247.V 24.2A		Y:248.V 23.3.A			
	B:247.V 21.7.A		B:244.V 24.1.A		B:245.V 24.3.A		B:244.V 23.3.A			
Remarks if Any										
Signature of beneficiary with Name, Designation & Stamp										
Signature of engineer ofwith name, designation & Stamp	Bapaz Jane 05/03/2019 Project Engineer									

Site		
Maintenance Report for Roof Top Grid Connected SPV Power Plant of nominal array capacity of 100kWp		
Project: Design & Engineering Manufacture / Procurement, Testing, Supply, Installation &		Commissioning of one no. Grid
Connected Solar PV Power Plant Capacity of 50kwp including five (5) years Comprehensive maintenance on turnkey basis at Burdwa University, West Bengal.		
Nominal PV Array capacity	100 kWp	
LOA No:	1)WBREDA Work Order No. WBREDA/111(2016)/743 dated 21.12.16	
	2) WBREDA Work Order No. WBREDA/111(2016)/744 dated 21.12.16	
Customer	West Bengal Renewable Energy Development Agency(WBREDA)	
Name of the Site	Burdwan University	
Date of Visit	05/02/2017	
Start Time	11:00	
End Time	12:45	
Cleaning	Modules(Yes/No)	Yes, cleaned
	Elec. Panels(Yes/No)	Yes,
Array Field	Tightness of Structure Nut Bolts Checking and rust	OK
	Inverter Function OK (Yes/No)	Yes, OK Running condition
Electrical Check Up	Tightness of all connection fixed(Yes/No)	Yes, OK
	Neutral to earthing voltage	3Volts
	DC Earthing Voltage	

Site Maintenance Logbook

Maintenance Report for Roof Top Grid Connected SPV Power Plant of nominal array capacity of 100kWp

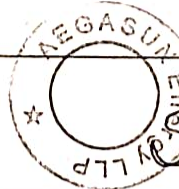
Project: Design & Engineering Manufacture / Procurement, Testing, Supply, Installation & Commissioning of one no. Grid Connected Solar PV Power Plant Capacity of 100kw including five (5) years Comprehensive maintenance on turnkey basis at Burdwan University, West Bengal.

Nominal PV Array capacity	100 kWp
LOA No	1)WBREDA Work Order No. WBREDA/111(2016)/743 dated 21.12.16 2) WBREDA Work Order No. WBREDA/111(2016)/744 dated 21.12.16
Customer	West Bengal Renewable Energy Development Agency(WBREDA)
Name of the Site	Burdwan University
Date of Visit	27.12.2019
Start Time	11:45
End Time	14:10

Cleaning	Modules(Yes/No)	Yes, cleaned							
	Elec Panels(Yes/No)	Yes							
Array Field	Tightness of Structure Nut Bolts Checking and rust	OK, checked							
	Electrical Check Up	Inverter Function OK (Yes/No)	OK, on Running condition						
	Tightness of all connection fixed(Yes/No)	Yes, Fixed							
	Neutral to earthing voltage	03 volts							
	Functioning of Data Logger & Sensor (Yes/No)	Yes, Transferred Data							
Record Input DC Voltage at MPPT/Inv.		Inv. 1		Inv. 2		Inv. 3		Inv. 4	
		MMPT-1	MPPT-2	MMPT-1	MPPT-2	MMPT-1	MPPT-2	MMPT-1	MPPT-2
		750 V	725 V	758 V	707 V	705 V	798 V	747 V	716 V
		6.17 A	6.18 A	5.83 A	5.91 A	6.28 A	6.17 A	5.38 A	5.12 A
		4584 W	4416 W	4309 W	4179 W	4507 W	4617 W	4026 W	3884 W
		Inv. 1		Inv. 2		Inv. 3		Inv. 4	
		R:240 V	12.1 A	R:238 V	9.9 A	R:238 V	10.7 A	R:239 V	10.3 A
		R:241 V	12.0 A	R:240 V	10.0 A	R:240 V	10.3 A	R:242 V	10.5 A
		R:243 V	12.1 A	R:241 V	10.0 A	R:239 V	10.3 A	R:241 V	10.4 A

Remarks if Any

Inspection done as reported above by agency. The generation is low as sky today cloudy & sky is from the morning.




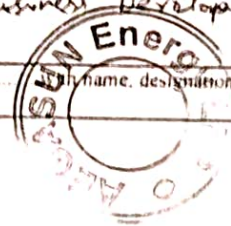
Barbara Jena
Sub Engineer
27/12/2019

Signature of beneficiary with Name, Designation & Stamp
Assistant Engineer, (Elec)

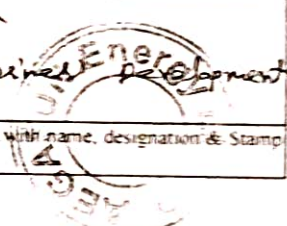
Signature of engineer of with name, designation & Stamp

THE UNIVERSITY OF BURDWAN
Raibati, Burdwan

Site Maintenance Logbook								
Maintenance Report for Roof Top Grid Connected SPV Power Plant of nominal array capacity of 100kWp								
Project: Design & Engineering Manufacture / Procurement, Testing, Supply, Installation &				Commissioning of				
one no. Grid Connected Solar PV Power Plant Capacity of 100kWp including five (5) years Comprehensive maintenance on turnkey basis at Burdwan University, West Bengal								
Nominal PV Array capacity	100 kWp							
LOA No	1) WBREDA Work Order No. WBREDA/111(2016)/743 dated 21.12.16 2) WBREDA Work Order No. WBREDA/111(2016)/744 dated 21.12.16							
Customer	West Bengal Renewable Energy Development Agency (WBREDA)							
Name of the Site	Burdwan University							
Date of Visit	21.12.2020							
Start Time	12:15 PM							
End Time	3:20 PM							
Cleaning	Modules (Yes/No)	Yes						
	Elec. Panels (Yes/No)	Yes						
Array Field	Tightness of Structure Nut Bolts Checking and rust	OK, checked						
	Inverter Function OK (Yes/No)	OK, on Running condition						
Electrical Check Up	Tightness of all connection fixed (Yes/No)	Yes						
	Neutral to earthing voltage	03 volts						
	Functioning of Data Logger & Sensor (Yes/No)	Yes						
	Record Input DC Voltage at MPPT/Inv	Inv 1		Inv 2		Inv 3		Inv 4
	MMPT-1	MPPT-2	MMPT-1	MPPT-2	MMPT-1	MPPT-2	MMPT-1	MPPT-2
	877 V	860 V	878 V	873 V	895 V	881 V	898 V	859 V
	20.9 A	20.5 A	20.9 A	20.9 A	20.4 A	21.1 A	19.6 A	22.2 A
	13.1 kW	12.9 kW	13.3 kW	12.9 kW	12 kW	14.7 kW	12.6 kW	12.5 kW
Inverter O/P	Inv 1		Inv 2		Inv 3		Inv 4	
	R268 V	31.2 A	R267 V	31.6 A	R268 V	31.9 A	R270 V	31.9 A
	R271 V	31.4 A	R274 V	31.3 A	R274 V	31.2 A	R272 V	32.0 A
	R274 V	31.4 A	R302 V	31.9 A	R277 V	31.2 A	R279 V	32.0 A
Remarks if Any	Sensec pole fell down on the array panel. Sensec's damaged 1 no. of panel cracked. Damaged caused by Amphen cyclon							
 Sayan Sen University Engineer (In-Charge) THE UNIVERSITY OF BURDWAN Rajbati, Burdwan				Sayan Sen Engineer Business Development Signature of engineer of THE UNIVERSITY OF BURDWAN Rajbati, Burdwan				



D.P. Chow
21.12.2020

Site Maintenance Logbook									
Maintenance Report for Roof Top Grid Connected SPV Power Plant of nominal array capacity of 100kW p									
Project: Design & Engineering Manufacture / Procurement, Testing, Supply, Installation &						Commissioning of			
one no. Grid Connected Solar PV Power Plant Capacity of 100kw including five (5) years Comprehensive maintenance on turnkey basis at Burdwan University, West Bengal									
Nominal PV Array capacity	100 kWp								
LOA No	1) WBREDA Work Order No. WBREDA/111(2016)/743 dated 21.12.16								
	2) WBREDA Work Order No. WBREDA/111(2016)/744 dated 21.12.16								
Customer	West Bengal Renewable Energy Development Agency(WBREDA)								
Name of the Site	Burdwan University								
Date of Visit	5-3-20								
Start Time	12:20 pm								
End Time	3:00 pm								
Cleaning	Modules(Yes/No)	Yes							
	Elec Panels(Yes/No)	Yes							
Array Field	Tightness of Structure Nut Bolts Checking and rust	OK, checked							
Electrical Check Up	Inverter Function OK (Yes/No)	OK, ON Running condition							
	Tightness of all connection fixed(Yes/No)	Yes							
	Neutral to earthing voltage	3 volts							
	Functioning of Data Logger & Sensor (Yes/No)	Yes							
	Record Input DC Voltage at MPPT/Inv	Inv 1		Inv 2		Inv 3		Inv 4	
		MMPT-1	MPPT-2	MMPT-1	MPPT-2	MMPT-1	MPPT-2	MMPT-1	MPPT-2
	871 V 20.7 A 13.2 kW	861 V 20.6 A 13.1 kW	877 V 20.2 A 13.1 kW	877 V 20.1 A 12.6 kW	845 V 20.2 A 12.2 kW	870 V 21.2 A 14.1 kW	877 V 19.5 A 12.7 kW	852 V 22.1 A 13.3 kW	
Inverter O/P	Inv 1		Inv 2		Inv 3		Inv 4		
	R267 V	32.2 A	R266 V	31.6 A	R266 V	31.2 A	R270 V	31.7 A	
	R282 V	32.1 A	R282 V	31.9 A	R281 V	31.1 A	R282 V	32.1 A	
	R291 V	32.4 A	R297 V	31.6 A	R289 V	31.2 A	R297 V	32.1 A	
Remarks if Any	Deluxemo applicatio is not working properly which is already informed.								
Signature of Assistant Engineer Rajbati, Burdwan-4 5.3.2020				Signature of University Engineer (In-Charge) Rajbati, Burdwan-4 5/3/2020					
Signature of engineer of Rajbati, Burdwan-4				Signature of engineer of with name, designation & Stamp Sayan Sen Engineer Business Development 					

OK. Same
5.3.2020

This is to certify that 100 kWp solar power systems at Burdwan University has generated as mentioned quarter wise:-

Period: 1st April 2021 to 30th June 2021

- April month 2021 year = 11488 kWh
Remarks:

- May month 2021 year = 10736 kWh
Remarks:

- June month 2021 year = 9440 kWh
Remarks:

Total: 31664 units

Sayon Sen

Sign & Stamp
Aegasun Energy LLP
Representative



Sign & Stamp
Burdwan University
Representative

AEGASUN

Engineering The Sunlight!

This is to certify that 100 kWp solar power systems at Burdwan University has generated as mentioned quarter wise:-

Period: 1st July 2019 to 30th September 2019

- July month 2019 year = 10372 kWh

Remarks:

- August month 2019 year = 8864 kWh

Remarks:

- September month 2019 year = 8828 kWh

Remarks:

Total: 28064 units

Sayan Sen



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Aegasun Energy LLP
Representative

Sign & Stamp
Burdwan University
Representative

AEGASUN Energy LLP

A 33- 34 Satyam Arcade, 2nd Floor , Pune Nagar Road, Near Vimantal Police Station, Ramwadi, Pune 14
Regd. Office: 102 Swasti Apartment, Road No. 6, Kalyaninagar, Pune 411006
Email: info@aegasun.com; Ph: +9 9049794234; 9049797123 Website: www.aegasun.com

AEGASUN

Engineering The Sunlight!

This is to certify that 100 kWp solar power systems at Burdwan University has generated as mentioned quarter wise:-

Period: 1st October 2019 to 31st December 2019

- October month 2019 year = 10480 kWh

Remarks:

- November month 2019 year = 10288 kWh

Remarks:

- December month 2019 year = 7248 kWh

Remarks:

Total: 28016 units

Sayon Sen



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AEGASUN

Engineering The Sunlight!

This is to certify that 100 kWp solar power systems at Burdwan University has generated as mentioned quarter wise:-

Period: 1st January 2020 to 31st March 2020

• January month 2020 year = 8952 kWh
Remarks:

• February month 2020 year = 9168 kWh
Remarks:

• March month 2020 year = 11844 kWh
Remarks:

Total: 30264 units

Sayan Sen



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Aegasun Energy LLP
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Burdwan University
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Email: info@aegasun.com; Ph: +9 9049794234; 9049797123 Website: www.aegasun.com

This is to certify that 100 kWp solar power systems at Burdwan University has generated as mentioned quarter wise:-

Period: 1st April 2020 to 30th June 2020

- April month 2020 year = 11128 kWh
Remarks:

- May month 2020 year = 11148 kWh
Remarks:

- June month 2020 year = 3133 kWh
Remarks:

Total: 25409 units

Sayon Sen

Sign & Stamp
Aegasun Energy LLP
Representative



Sign & Stamp
Burdwan University
Representative

This is to certify that 100 kWp solar power systems at Burdwan University has generated as mentioned quarter wise:-

Period: 1st July 2020 to 30th September 2020

- July month 2020 year = 10674 kWh
Remarks:

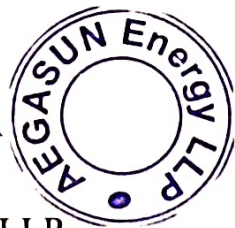
- August month 2020 year = 10480 kWh
Remarks:

- September month 2020 year = 10668 kWh
Remarks:

Total: 31792 units

Sayan Sen

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Aegasun Energy LLP
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Sign & Stamp
Burdwan University
Representative

AEGASUN

Engineering The Sunlight!

This is to certify that 100 kWp solar power systems at Burdwan University has generated as mentioned quarter wise:-

Period: 1st October 2020 to 31st December 2020

- October month 2020 year = 11032 kWh

Remarks:

- November month 2020 year = 11244 kWh

Remarks:

- December month 2020 year = 8976 kWh

Remarks:

Total: 31252 units

Sayan Sen

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Aegasun Energy LLP
Representative



Sign & Stamp
Burdwan University
Representative

AEGASUN Energy LLP

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AEGASUN

Engineering The Sunlight!

This is to certify that 100 kWp solar power systems at Burdwan University has generated as mentioned quarter wise:-

Period: 1st January 2021 to 31st March 2021

• January month 2021 year = 8420 kWh
Remarks:

• February month 2021 year = 9268 kWh
Remarks:

• March month 2021 year = 11124 kWh
Remarks:

Total: 28812 units

Sayan Sen

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Aegasun Energy LLP
Representative



Sign & Stamp
Burdwan University
Representative

AEGASUN Energy LLP

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