

**Project Completion Report (PCR) for Solar Plants (1-100kWp) Part-A
(by the installer)**

Sl. No.	Component	Observation
1	Sanction No. & Date	32/3/2016-17/PVSE (Part-3), 22/02/2017
2	Category:- Nodal Agency/Channel Partner (Name) and Complete Address	APEDA, Itanagar, Arunachal Pradesh (SNA)
	Site/Location with Complete Address	Zoology Department, Rajiv Gandhi University (RGU), Doimukh, Papum Pare District Arunachal Pradesh.
	Longitude/Latitude	93°62'00" / 25°10'00"
3	Capacity of System installed (kWp)	15 KWp
4	Specification of the Module	
	Type of Modules (multi/mono)	Multi Crystalline
	Make of Modules and year of manufacturing	RHINE SOLAR LIMITED, 2018
	Wattage and no of modules	315 Wp, 48 Nos.
	Module Efficiency	18%
	No of series & parallel combinations	Series – 6, Parallel – 8
	Tilt Angle of Modules	26 degree
4.1	IEC Certificate	Enclosed
	Date of Issue	Certificate No.PV 60109003
	Agency	TUV Rheinland LGA products GMBH
	Validity	5 years from the date of issue
	Enclose a IEC certificate	Enclosed
4.2	Whether imported or indigenous	Indigenous
4.3	RFID tag is pasted inside or outside	Inside
4.4	Type of RFID	Provided chip based
5	PCU	
	Make & rating	ENERTECH, 15 KVA
	Type of Charge controller/MPPT	MPPT inbuilt
	Capacity of inverter and year of manufacturing	15 KVA,
	AC output	3 phase – 415V
	Whether hybrid or stand alone	Hybrid
	Whether indigenous or imported	Indigenous
	Enclose test certificate as per MNRE requirement	Enclosed
Input Voltage to inverter	186V	

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	Batteries	
6	Make of Batteries and year of manufacturing	NED ENERGY LIMITED, 2018
	Type: Tubular Lead Acid /VRLA/GEL	VRLA
	Rating and no.	600Ah,
	No of series and parallel combinations	120 Volt/ Series – 6, Parallel - 8
	Enclose test certificate as per MNRE requirement	Enclosed
7	Depth of Discharge Proposed	
	Autonomy (days)	3 days
	Structures Tracking or non-tracking	Non Tracking
	Indigenous or imported	Indigenous
9	Cables Make and size	
	Enclose Certificate: Rating:	Enclosed
	Voltage of cable	1100V/4mm/SQ
10	Distribution Box	
	Name	DC/AC Distribution Box
	Make	E-Sharp
	Certificate	Enclosed
11	Earthing and protections	Rod Earthing
	Lightening Arrester (Type)	Rod GAP
12	Date of Commissioning	25/05/2018
13	Enclose Generation data for one month (for without battery systems)	
13a	Enclose energy consumption data for one month (for battery based systems)	600 KWh
14	Monitoring Mechanism for the installed Systems	Monitoring is being done by the Officers of APEDA (SNA)
	Technical Person Trained to maintain system Name with Mobile No.	Manas Jyoti Mobile No – 9706888355

Declaration

It is to certify that all the components/sub systems and materials including junction boxes, cables, distribution boards, switches, circuit bakers used are as per MNRE requirement and as per DPR submitted.



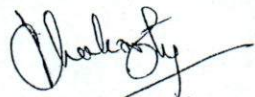
Director
APEDA, Itanagar
Arunachal Pradesh
**APEDA, Itanagar
Arunachal Pradesh**

Date: 27/12/18

PART-B (By the customer)

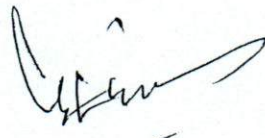
Sl. No	Component	Observation
1	Name of the customer	MRS. JHARNA CHAKRABORTY
2	Location	RGU, RONO HILLS DIOMUKH.
	Capacity (kWp)	15KW.
	Location	ZOOLOGY DEPT. RGU. Diomukh
3	Whether training was provided by the installer for operation and maintenance	YES
4	Whether the following documents were provided or not	YES
	I-V curves of all modules	PROVIDED
	Inverter manual	PROVIDED
	Warranty card for system	PROVIDED
5	Date of handing over the system	26/05/18
6	Cost breakup	Total project cost: User Share/State share: MNRE Share: User payment (Only cheques are allowed) Cheque No. & Date

This is to certify that all information given above is true and correct to best of my knowledge.


(User Signature and stamp)

Date: 12.11.18

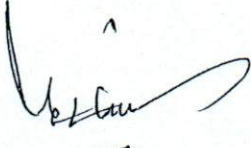
Place: RGU, Arama
Boad



APEDA, Itanagar
Arunachal Pradesh

Prof. Jharna Chakravorty
Department of Zoology
Rajiv Gandhi University
Rono Hills, Itanagar

PART-C
Inspection Report
(by Inspecting Officer)

SI. No	Component	Observation
1	Site location with Complete Address	RGU DOIMUKH, ZOOLDA DEPARTMENT (A.P)
2	Capacity of system installed (kWp)	15 KWP
3	Whether the system was installed in shadow tree or not? If not mention the details.	SHADOW FREE.
	Gap between rows of the modules	2.5 METERS EACH PANEL
	Any inter module shading exists or not	NO ANY SHADING EXIST
	Whether the modules contains information about company name, serial no. and year manufacturing inside	YES
4	PCU	
	Whether the information given in Part A is same or found any deviation	SAME
5	Batteries	T. GEL VRLA/NED ENERGY LTI
6	Whether the information given in Part A is same or found any deviation	SAME
7	Structures	GI (STRUCTURE)
8	Cables Make and Size 8 Distribution Box	DC 4mm ² sq, ACDB, DCDB, 16mm, 25m
9	Earthing and protections	RDD EARTHING (COPPER) POLYCA
10	Cumulative generation data at the date of visit or cumulative energy consumption data at the time of visit	1050 KWH.
11	User Feed Back	NO COMPLAIN.
12	Any Specific problem	NO.


A.P.E.D.A., Managar
Arunachal Pradesh


Project Officer
A.P.E.D.A., Doimukh
Dist. Papum Para (A.P.)
Signature of Inspecting Officer with seal

Date: 21.12.2018