



Nallamuthu Gounder Mahalingam College

(An Autonomous Institution, Affiliated to Bharathiar University)

90, Palghat Road, Pollachi - 642001, Coimbatore, Tamil Nadu, India.

95th Rank in NIRF - 2023 among Colleges in India.



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

1. Solar energy
2. Bio gas plant
3. Wheeling to the grid
4. Sensor based energy conservation
5. Use of LED bulbs/power efficient equipment

Invoice of Solar Panel Purchased (90.4 KWp Solar Power)

SWELECT ENERGY SYSTEMS LTD																
S.No. 58/3 Nachiyur, Salem Main Road Idappadi, Salem Dist Pin-637105 GSTIN/UIN: 33AAACN236FZ2S CIN: L93090TN1994PLC028578 Email: info@swelectes.com www.swelectes.com																
Tax Invoice																
Extra Copy																
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">IRN:</td> </tr> <tr> <td>Invoice No. : 332021001125</td> <td>Date : 31.03.2022</td> </tr> <tr> <td>Delivery Note : 80007680</td> <td>No. of Package: 00258</td> </tr> <tr> <td>Sale Order No. : 4959</td> <td>Date: 31.03.2022</td> </tr> <tr> <td colspan="2">Consignee (Ship To): NALLAMUTHU GOUNDER MAHALINGAM COLLEGE 90 POLLACHI PALGHAT ROAD, POLLACHI Tamil Nadu 642001 Ph : GSTIN Number: State Name : Tamil Nadu, Code: 33 Place of Delivery : Tamil Nadu</td> </tr> </table>							IRN:		Invoice No. : 332021001125	Date : 31.03.2022	Delivery Note : 80007680	No. of Package: 00258	Sale Order No. : 4959	Date: 31.03.2022	Consignee (Ship To): NALLAMUTHU GOUNDER MAHALINGAM COLLEGE 90 POLLACHI PALGHAT ROAD, POLLACHI Tamil Nadu 642001 Ph : GSTIN Number: State Name : Tamil Nadu, Code: 33 Place of Delivery : Tamil Nadu	
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Buyer (if other than consignee) NALLAMUTHU GOUNDER MAHALINGAM COLLEGE 90 POLLACHI PALGHAT ROAD, POLLACHI Tamil Nadu 642001 Ph : GSTIN Number : State Name: Tamil Nadu, Code: 33 Place of Supply : Tamil Nadu				PO No.: SESI/NGM/KS/278-20-21- Terms of Payment (Code / Description) 0001 Date: 11.03.2022 Pay Immediately W/O Deduction												
Dispatch Notes: TRANSOLUTIONS (TN 28 AM 2070; TN 52 H 0158)																
S No.	Description of Goods and Services	HSN/SAC	Quantity	Rate	Per	Amount										
1	90.4 KWp SOLAR POWER GENERATOR (SLNO_SP211200045)	85023990	1	2,803,278.00	PC	2,803,278.00										
2	INSTALLATION CHARGES	998736	1	1,201,404.00	EA	1,201,404.00										
CGST						276,323.04										
SGST						276,323.04										
Total						4,557,328.08										
Rounded Off To						4,557,323										
Grand Total (Amount in word) : Rupees Forty Five Lakh Fifty Seven Thousand Three Hundred Twenty Eight Only E & O E																
Tax Details																
HSN/SAC	Taxable Value	CGST		SGST		IGST										
		Rate(%)	Amount	Rate(%)	Amount	Amount										
85023990	2,803,278.00	6.00	168,196.68	6.00	168,196.68	336,393.36										
998736	1,201,404.00	9.00	108,126.36	9.00	108,126.36	216,252.72										
Tax Total						INR 552,646										
Tax (Amount in words) : Rupees Five Lakh Fifty Two Thousand Six Hundred Forty Six Only																
Bank Name : State Bank of India Bank A/c No. : 64114839578 Branch Name : Luz, Chennai IFSC Code : SBIND040236 MICR No. : 600002332.																
Declaration: Terms of sales: 1.Goods once sold will not be taken back or exchanged 2.Covered under marine cargo policy no: 000000018146877-01 valid up to 11.07.2022 with SBI GENERAL INSURANCE COMPANY LIMITED 3. Reverse charge To																
For SWELECT ENERGY SYSTEMS LTD. IDAPPADI SALEM Authorized Signatory																
Regd. Off. Address: SWELECT House, No. : 5, P. S. Sivasamy Salai, Mylapore, Chennai-600004 Tel: +91-44-24993100, Fax No: +91-44-24995179 Email: info@swelectes.com, Website: www.swelectes.com																
SUBJECT TO STATE JURISDICTION This is a Computer Generated Invoice																

Criteria: **VII : Institutional Values and Best Practices**



Dr. R. MUTHUKUMARAN,
 M.A., M.Phil., B.Ed., Ph.D.,
PRINCIPAL
 N.G.M. College, Pollachi 642001
 Coimbatore District



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ENERGY SYSTEMS LIMITED



Stay powerful when sun shines. And thereafter...

Ref: SESL/NGM/KS/278-20-21-22

To,

M/s. Nallamuthu Gounder Mahalingam College,
90, Pollachi Pallaghat Road,
Pollachi-642001

Dear Sir,

Sub: Supply, Erection & Commissioning of 90.44KWp Grid Interactive Roof top Solar Photovoltaic at Nallamuthu gounder Mahalingam College, Pollachi - Project Completion & Hand over the Documents - Reg

Ref: PO NO: NIL ; Dated: 11-03-2022

We hereby would like to inform with great pleasure that we have successfully completed 99kWp roof top solar power project at Nallamuthu gounder Mahalingam College, Pollachi.

Solar power generating systems 99kWp rooftop power plants is being running satisfactory since its commissioning i.e.10-05-2022.

We would like to take this opportunity to thank you upfront for your kind support during the project duration and your valuable suggestions had indeed helped us to gain the shape of the project.

We are submitting the hard copy of drawings and documents in one set as a DPR for your kind reference. We request you to kindly acknowledge the same.

We thanking you and assuring our best support & services at all times.

Thanking you,

For SWELECT Energy Systems Ltd

S. Muthu

Authorized Signatory

RO: Old No.1054, N-748/1, Gowtham Center Annex, Avinashi Road -Coimbatore - 641018, Ph-0422-2242673

R&D: SF No.166 & 169, Sembagounden Pudur, No.51,Kuppaepalayam Village,

Sarkarsamakulam Post, Coimbatore - 641 107, Ph:0422-2654031/32

Regd Office: 'SWELECT HOUSE', No. 5, Sir P.S. Sivasamy Salai, Mylapore, Chennai - 600 004, India.

TEL: + 91 44 2499 3266, FAX: +91 44 2499 5179, E mail: info@swelectes.com

CIN : L93090TN1994PLC028578, www.swelectes.com



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Criteria: **VII : Institutional Values and Best Practices**



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Invoice of Solar Panel Purchased (10 KW Grid Solar Power)

TSReset		(ORIGINAL FOR RECEIPT)				
SS Power Tech 3A-1,3rd Cross,Ramasamy Nagar-2, Nallampalayam Road, Coimbatore - 641006 GSTIN : 33AD6F56834Q1ZP Mobile: 9842299610,9842305510, GSTIN/UIN: 33AD6F56834Q1ZP State Name : Tamil Nadu, Code : 33 E-Mail : sspowertech.cbe@gmail.com		Invoice No. 125	Dated 28-Mar-22			
Consignee (Ship to) NALLAMUTHU GOUNDER MAHALINGAM COLLEGE POLLACHI		Delivery Note	Mode/Terms of Payment			
Buyer (Bill to) NALLAMUTHU GOUNDER MAHALINGAM COLLEGE POLLACHI		Reference No. & Date:	Other References			
		Buyer's Order No.	Dated			
		Dispatch Doc No.	Delivery Note Date			
		Dispatched through	Destination			
		Bill of Lading/LR-RR No. dt. 28-Mar-22	Motor Vehicle No.			
		Terms of Delivery				

Sl No	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	10KW GRID TIE SOLAR POWER GENERATING SYSTEM	8541	1 SET	3,08,000.00	SET	3,08,000.00
2	Installation and Commissioning Charges	8504	1 Nos	1,32,000.00	Nos	1,32,000.00
						4,40,000.00
CGST@6% 6 % 18,480.00 SGST@6% 6 % 18,480.00 CGST@9% 9 % 11,880.00 SGST@9% 9 % 11,880.00						
Total						₹ 5,00,720.00

Amount Chargeable (in words) E & O/E
Indian Rupees Five Lakh Seven Hundred Twenty Only


HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
8541	3,08,000.00	6%	18,480.00	6%	18,480.00	36,960.00
8504	1,32,000.00	9%	11,880.00	9%	11,880.00	23,760.00
Total			30,360.00		30,360.00	60,720.00

Tax Amount (in words) : **Indian Rupees Sixty Thousand Seven Hundred Twenty Only**

Company's Bank Details:
 A/c Holder's Name : **SS Power Tech**
 Bank Name : **Karur Vysys Bank**
 A/c No. : **167513500006329**
 Branch & IFS Code : **Kavundampalayam Branch**
 SWIFT Code :

Declaration:
 We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Customer's Seal and Signature


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SS POWER TECH

SWELECT

3A-1, 3 rd cross, Ramasamy nagar 2, Nallampalayam Road, Ganapathy post, Coimbatore- 641 006

SS POWER TECH												
3A-1, 3 RD CROSS, RAMASAMY NAGAR, NALLAMPALAYAM ROAD, GANAPATHY POST, COIMBATORE - 641006												
GST No. 33ADBFS8834Q1ZF												
PROFORMA INVOICE												
Reverse charge						Your PO Ref						
Proforma number						Date of PO						
Proforma date 09.03.2022						Date of supply						
State Tamilnadu						Place of supply						
State code 33.00												
Details of Receiver / Bill to						Details of consignee / ship to						
Name : NALLAMUTHU GOUNDER MAHALINGAM COLLEGE						Name						
Address : POLLACHI - 642001						Address						
GSTIN						GSTIN						
State : Tamilnadu						State : Tamilnadu						
State code 33.00						State code 33						
S.No	Name of products / service	HSN code	Qty	Rate	Taxable value	SGST Rate	SGST Amount	CGST Rate	CGST Amount	IGST Rate	IGST Amount	Total
1	SUPPLY OF 10 KW SOLAR POWER GENERATING SYSTEM		1	308,000.00	308,000.00	6.00	18,480.00	6.00	18,480.00			344,960.00
2	10 KW SOLAR POWER GENERATING SYSTEM INSTALLATION & COMMISSIONING CHARGES		1	132,000.00	132,000.00	0.00	11,880.00	0.00	11,880.00			155,760.00
3												
Total :					440,000.00		30,360.00		30,360.00	0.00		500,720.00
Total Invoice Amount in words:						Total Amount Before Tax						
Total: Five lakhs and seven hundred and twenty rupees Only.						4,313,764.00						
						Add: CGST						
						30,360.00						
						Add: SGST						
						30,360.00						
						Add: IGST						
						0.00						
						Total GST						
						0.00						
Bank Details:						Total Amount After tax						
Bank Name : KARUR VYSYA BANK, KAVUNDAMPALAYAM BRANCH						500,720.00						
Bank Account no : 1675135000006329												
Branch IFSC Code : KVBL0001675						GST Payable on Reverse Charge						
Remarks:						Customer Signature and seal.						
						Authorise signatory						

• Online UPS • Servo Stabilizers • Home UPS • Solar Grid Inverters & PCU • Solar Water Heaters • Tubular & SMF Batteries

Mobile: 98425 11160, 99943 11160, 98422 95610 E mail: admin@sspower.in

GSTIN:33ADBFS8834Q1ZF

Criteria: **VII : Institutional Values and Best Practices**



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SERVICE BILLS OF SOLAR PANEL

NUMERIC
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SS POWER TECH

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3A-1, 3 rd cross, Ramasamy nagar 2, Nallampalayam Road, Ganapathy post, Coimbatore- 641 006

CEIG LIAISONING AND APPROVAL CHARGES

SL.NO	DESCRIPTION	UNIT PRICE(Rs)	QUANTITY(Nos)	AMOUNT(Rs)
1	CEIG APPROVAL, LIASONING, APPROVAL WORKS AND METERING CHARGES	₹ 1,50,000	1	₹ 1,50,000
	Taxes@18%			₹ 27,000
TOTAL				1,77,000

TERMS AND CONDITIONS:

Taxes : Taxes extra as 18%.
 Inspection : 15-45 days from the Date of Purchase Order.
 Payment : 50% advance and 50% against delivery.
 Note : EB office expenses must be paid by the customer.

BANK ACCOUNT DETAILS:

Name : SS POWER TECH
 Bank : Karur Vysya Bank, Kavundampalayam Branch
 Account number : 1675135000006329
 IFSC Code : KVBL0001675
 Account type : Current account

Regards,
NAVEEN KUMAR.D
 98422 95610

160000
 1,60,000/2
 50%
 12/8/22

* Online UPS * Servo Stabilizers * Home UPS * Solar Grid Inverters & PCU * Solar Water Heaters * Tubular & SMF Batteries
 Mobile: 98425 11160, 99943 11160, 98422 95610 E mail: admin@sspower.in
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SWELECT ENERGY SOLUTIONS LIMITED
 Regd. Office: "SWELECT HOUSE", No.5, Sr. P.S Sivasamy Salai, Mysapore, 600 004

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Power Solutions for All

Sl. No. **1225** SERVICE CALL REPORT

Customer Name:	NGM COLLEGE,			Service Call Report Date:	19/05/2022				
Customer Address:	POLLACHI,			Service Call Registration No:					
Contact Person & Number:	Mr. Selva V. gresh / 7010461909			Service Call Received On:					
Customer Category:	Direct	<input checked="" type="checkbox"/>	Channels	Service Call Assigned On:					
Customer Status:	UW	<input checked="" type="checkbox"/>	AMC	Service Call Attended On:	19/05/2022				
Call Type:	Minor Call	<input type="checkbox"/>	Major Call	Service Call Completed On:	19/05/2022				
PCU Configuration:	Hybrid	<input type="checkbox"/>	Bi-Directional	Service Call Attended By:	M. RAJESH				
Type of plant:	Roof top	<input checked="" type="checkbox"/>	Ground Mount	Site Location:	Local <input type="checkbox"/> Outstation <input checked="" type="checkbox"/>				
Inverter Capacity:	80kW			Panel Make:	HRV				
Inverter Model:	MAX 80KTL3 LV			Panel Type:	MONO PHASE				
Inverter Serial No:	XZHSBUT003			No. of Panels:	238				
No. of Inverter:	1			Maximum Power Pmax:	280Wp				
SYSTEM DETAILS TO BE MEASURED AT ACTUALS				Open Circuit Voltage Voc:	428.60V				
No. of Panels in Series in a string:	20.18			Max. Power Voltage Vmp:	39.55V				
No. of String in Parallel:	12			Max. Power Current Imp:	9.61A				
String Voltage (V):				Short Circuit Current Isc:	10.10A				
String Current (I):	2.8A			SCC Make/Capacity:	-				
Array Voltage (V):				SCC Serial No:	-				
Array Current (I):	2.8A								
PCU IP Vols (V):	232V								
Panel Voltage Current:									
AC SPD Make & Type:	Finder								
DC SPD Make & Type:	-								
SITE PARAMETERS									
Power Failure Duration/Day:	-			Gen Set availability:	<input checked="" type="checkbox"/>				
No. of Power Failure/Day:	-			Dedicated earth availability:	<input checked="" type="checkbox"/>				
Input Power Variation:				Earth Value:	<input checked="" type="checkbox"/>				
Actual load on inverter:	90.44kW			Lightning Arrester Availability:	<input checked="" type="checkbox"/>				
Problem Reported By Customer:	90.44 kW Installation.								
Root Cause Of Failure (as per Engineer Observation):	-								
Action Taken:	90.44 kW grid rooftop system install and commissioning successfully. Inverter working fine. DC off working fine. Revised, on the spot.								
Conclusion Of Failure:	online monitoring not completed, Earth pit identification not done.								
DETAILS OF FAILED AND REPLACED SPARE PARTS DETAILS									
Materials Code	Materials Description	Actual Failed		Replaced		Fault Spare sent to HO on (Date)	Remarks		
		Qty	Serial No	Qty	Serial No				
Weather Condition:		Sunlight	<input type="checkbox"/>	Fog	<input type="checkbox"/>	Haze	<input checked="" type="checkbox"/>	Rainy	<input type="checkbox"/>
Customer Feedback:		Delight	<input type="checkbox"/>	Excellent	<input type="checkbox"/>	Very Good	<input checked="" type="checkbox"/>	Good	<input type="checkbox"/>
Swelect Engineer's Remarks / Suggestions:		Kindly assign WiFi on Inverter station to complete the online monitoring.				Customer's Comments:			
Engineer Name & Signature:		M. RAJESH / M. RAJESH				Customer Name & Signature with Office Seal:			
HO Contact No: 044-2467974/6737		For HO use - Data Entry Done				Signature/Date: S. Selva V. gresh			



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 we power the world.

Sl. No. **1220** / 2023 **SERVICE CALL REPORT**

Customer Name :	N.G.M College,			Service Call Report Date :	02/06/2023					
Customer Address :	Pollachi			Service Call Registration No. :	1220/2023/01					
Contact Person & Number :	Mr. Selva Vignesh			Service Call Received On :	02/06/2023					
	7010461709			Service Call Assigned On :	02/06/2023					
				Service Call Attended On :	02/06/2023					
				Service Call Completed On :	02/06/2023					
				Service Call Attended By :	S. Prathap Kumar					
Customer Category :	Direct	<input checked="" type="checkbox"/>	Channels	Site Location	Local <input type="checkbox"/> Outstation <input checked="" type="checkbox"/>					
Customer Status :	LW	<input checked="" type="checkbox"/>	AMC	Panel Make :	110V					
Call Type :	Minor Call	<input checked="" type="checkbox"/>	Major Call	Panel Type :	110V 2000					
	Breakdown Call	<input type="checkbox"/>	Repeat BOC	No. of Panels :	278					
PCU Configuration :	Hybrid	<input checked="" type="checkbox"/>	Bi Directional	Maximum Power Pmax :	2200W					
Type of plant :	Rooftop	<input checked="" type="checkbox"/>	Ground Mount	Open Circuit Voltage Voc :	48.60V					
Inverter Capacity :	20kVA			Max. Power Voltage Vmp :	99.85V					
	100% 20kVA 20kVA			Max. Power Current Imp :	9.6A					
Inverter Model :	20kVA 20kVA 20kVA			Short Circuit Current Isc :	10.10A					
Inverter Serial No. :	20kVA 20kVA 20kVA			SCC Make/Capacity :	-					
..... of Inverter :	1 nos			SCC Serial No. :	-					
SYSTEM DETAILS TO BE MEASURED AT ACTUALS										
No. of Panels in Series in a string :	20/12			PCU OP Volts (V) :	220V					
No. of String in Parallel :	12			Neutral to Earth Volts (V) :	0.7V					
String Voltage (V) : *	48			SCC to Batt Amps (I) :	-					
String Current (I) : *	4.2			SCC to Inv Amps (I) :	-					
Array Voltage (V) : *	48			SCC Total OP Amps :	-					
Array Current (I) : *	4.2			Batt to Inverter Amps (I) :	-					
PCU IP Volts (V) : *	220V			Type of Load :	Fixed					
Panel Voltage Current :	110V			Grid Voltage Frequency :	50Hz					
AC SPD Make & Type :	-			No. of AC SPD's :	4					
DC SPD Make & Type :	-			No. of DC SPD's :	-					
SITE PARAMETERS										
Power Failure Duration / Day :	-			Gen Set availability :	Yes					
No. of Power Failure / Day :	-			Dedicated earth availability :	Yes					
% Power Variation :	-			Earth Value :	-					
Actual load on inverter :	90% 20kVA			Lightning Arrester Availability :	Yes					
Problem Reported By Customer :	Inverter not working during monsoon not connectivity									
Root Cause Of Failure (as per Engineer Observation) :	Inverter Input of 20kVA inverter was disconnected till the fault inverter not working									
Action Taken :	Call with inverter team is log the complaint.									
Conclusion Of Failure :	On-site monitoring good working with other network, call back 240 informed									
DETAILS OF FAILED AND REPLACED SPARE PARTS DETAILS										
Materials Code	Materials Description	Actual Failed		Replaced		Fault Spare sent to HO on (Date)	Remarks			
		Qty	Serial No	Qty	Serial No					
Weather Condition :	Sunlight	<input checked="" type="checkbox"/>	Fog	<input type="checkbox"/>	Haze	<input type="checkbox"/>	Rainy	<input type="checkbox"/>		
Customer Feedback :	Delight	<input type="checkbox"/>	Excellent	<input checked="" type="checkbox"/>	Very Good	<input type="checkbox"/>	Good	<input type="checkbox"/>	Average	<input type="checkbox"/>
Swelect Engineer's Remarks / Suggestions :	None, ready to be 240			Customer's Comments :						
Engineer Name & Signature :	S. Prathap Kumar			Customer Name & Signature with Office Seal :						
HO Contact No: 044-2467974/9737	For HO use: Date Entry Done			Signature/Date:		HO Copy				



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SWELECT ENERGY SYSTEMS LIMITED				SWELECT	
Registered Office: SWELECT House, No.5, St. PA Kennedy Salai, Mylapore, 600 006.					
PREVENTIVE MAINTENANCE REPORT					
Customer Name: N.G.M. College			PM Report No & Date		
Customer Address & Contact Person, Number & Email ID: Pollachi, Selva Vignesh / 70 10461909			PM Scheduled On: DEC 2022		
Customer Category: Direct			PM Call Attended On: 20/12/2022		
Cust. Priority status: Low - PM			PM Call Attended By: A. Sathya RAJ		
PCU Configuration: Invertor			PM Call Duration		
Type of plant: Roof top			Site Location: Local <input checked="" type="checkbox"/> Outstation		
Inverter Capacity: 30kVA			Panel Make: 44V		
Inverter Model: MADE - 30KVA 3-1 V			Panel Type: multicircuit breaker		
Inverter Serial No: X 26130 G1003			No of Panels: 1		
No. of Inverter: 1			Panel Cleaning Status: cleaned		
Power output (kW / kVA): 9000W			No of Batteries: -		
No of Panels connected to Inverter: 20, 12			Battery Voltage: -		
No of Strings connected to Inverter: 20, 12			Battery Current: -		
No of Panels connected in series per string: 20, 12			Battery Terminal Corrosion: -		
Check PCU functionality, e.g. automatic disconnection upon loss of grid power supply for Grid Tie Inverter: Done			Battery Cable Corrosion: -		
Check ventilation condition: Done			Check Level of Battery Electrolyte: -		
Cleaning of Fan Mesh: Done			Check for ABM Terminal connection: -		
Speed of Fan to be Check: Done			ACDB Terminal to be Check: Done		
Check for loose cable terminations: Done			ACDB SPD Condition: Good		
All Inverter MCB connectors were opened and checked for any mark or burnt: Done			Panel DC Voltage: 39.58V		
PARAMETERS					
Site Input Voltage: 230V			Panel DC Current: 9.62 A		
Site Input Current: 26A			Panel DC Power: 380W		
Site Input Frequency: 50.12			Total kW Measured: 285.5 kW		
Grid Voltage: 230V			Total kWh Measured: 5.131 - 3 kWh		
Output Load Capacity: 90-110kVA			Cloud/Dusty		
Status of Panels Condition: Good			Note: If Panels are dirty, request Customer to Clean the Panels at the earliest to avoid generation loss		
Action Taken for any defects: Continue monitoring not working fan network issue. Also change the output settings and Inverter output monitoring wires.					
Condition Of PM: All Inverter components are checked and cleaned, Inverter fan mesh are cleaned. Inverter runs good condition and generate power.					
Weather Condition at the Site (PM): Turkey					
Customer Feedback: Delight					
Service Engineer's Remarks / Suggestions: with Inverter warnings checked					
Engineer Name & Signature: A. Sathya RAJ			Customer Name & Signature with Office Seal: S. Selva Vignesh / [Signature]		
Verified by Service Executive, Follow up for completion:			Signature/Date: [Signature]		
HO Contact No: 984-260-9114/9117			HO Copy		



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SWELECT ENERGY SYSTEMS LIMITED			
Regd. Office : "SWELECT HOUSE", No.5, Sr. P.S Sivasamy Salai, Mylapore, 600 004.			
Sl. No. 962		PREVENTIVE MAINTENANCE REPORT	
Customer Name:	Nallam College	PM Report No & Date:	23-03-2023
Customer Address:	Pollachi	PM scheduled On:	23-03-2023
Contact Person & Number:	M. Senthil Kumar 704461909	PM Call Attended On:	23-03-2023
Customer Category:	Direct	PM Call Attended By:	A. Ramesh Kumar
Cust Warranty status:	UW - PM	PM Call Duration:	
PCU Configuration:	Hybrid	Site Location:	Local
Type of plant:	Roof top	Grid Tied:	Yes
INVERTER		Battery	
Inverter Capacity:	2.4 kW	No of Batteries:	-
Inverter Model:	MAX SUN 2.4V	Battery Voltage:	-
Inverter Serial No:	X262067002	Battery Current:	-
No. of Inverter:	1	Battery Terminal Corrosion:	-
Power output (kW / kVA):	2.4 kW	Battery Cable Corrosion:	-
No. of Panels connected to inverter:	232 p.c.s	Check Level of Battery Distilled Water:	-
No of Strings connected to inverter:	12	AJB	-
No of Panels connected in series per strings:	20 + 12	AJB Terminal to be check:	Checked
Check PCU functionality, e.g. automatic disconnection upon loss of grid power supply for Grid Tie Inverter:	Checked	AJB SPD Fuse Condition:	Good
Check ventilation condition:	Checked	AJB Diode to be check:	Done
Cleaning of Fan Mesh:	Checked	Check for AJB Terminal connection:	-
Speed of Fan to be Check:	Done	ACDB	-
Check for loose cable terminations:	Done	ACDB Terminal to be Check:	Checked
All inverter MC4-connector were opened and checked for any melt or burn:	Checked	ACDB SPD Condition:	Good
PARAMETERS			
Site Input Voltage:	235.12 / 239	Panel DC Voltage:	60.0 V / 111.0 V
Site Input Current:	-	Panel DC Current:	6.9 A / 15.0 A
Site Input Frequency:	50.02	Panel DC Power:	1.18 kW
Output Voltage:	50.0 V / 230.0 V	Total kW Measured:	1.18 kW
Output Load Capacity:	2.4 kW	Total kWh Measured:	71.28 kWh
Condition of Panels Condition:	Good	Clear Sky	-
Note: If Panels are dirty, request Customer to Clean the Panels at the earliest to avoid generation loss.			
Action Taken for any defects:			
+ All AC and DC terminals are Checked + AC and DC Parameters are checked			
Condition of PM:			
+ fan mesh are cleaned + Inverter working fine and generates power as per standards			
Weather Condition at the time PM:		Sunlight	
Customer FeedBack:		Excellent	
Swelect Engineer's Remarks / Suggestions:		Customer's Comments:	
Engineer Name & Signature:		Customer Name & Signature with Office Seal:	
M. Senthil Kumar		N. Senthil Kumar	
HO Contact No : 044 - 24879774 / 9737		Signature / Date:	
SERPMT06 BIREV1		H.C. Copy	



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SWELECT ENERGY SYSTEMS LIMITED					
Regd. Office : "SWELECT HOUSE", No.5, Sir. P.S Sivasamy Salai, Mylapore, 600 004.					
SI. No. 970 / 28. PREVENTIVE MAINTENANCE REPORT					
Customer Name :	Nalin College			PM Report No & Date	26/07/2023
Customer Address:	Pollachi			PM scheduled On :	26/07/2023
Contact Person & Number	Mr. Senthilvelu 944911909			PM Call Attended On :	26/07/2023
Customer Category :	Direct	<input checked="" type="checkbox"/>	Channels	PM Call Attended By :	A. Raju RAO
	UAMC	<input type="checkbox"/>		PM Call Duration :	
Cost Warranty status:	UW - PM	<input checked="" type="checkbox"/>	UAMC	Site Location	Local <input checked="" type="checkbox"/> Outstation <input type="checkbox"/>
PCU Configuration	Hybrid	<input type="checkbox"/>	Bidirectional	Panel Make	HNV
Type of plant:	Roof top	<input checked="" type="checkbox"/>	Groundmount	Panel Type	mono crystalline
			Sheet Roof	No. of Panels :	228
				Panel Cleaning Status :	Good
INVERTER			Battery		
Inverter Capacity :	20 kW			No of Batteries :	-
Inverter Model :	MAX-SUN-7W			Battery Voltage :	-
Inverter Serial No :	X:68703			Battery Current :	-
No. of inverter :	1			Battery Terminal Corrosion :	-
Power output (kW / kVA) :	20 kW			Battery Cable Corrosion :	-
No of Panels connected to inverter :	228 Nos			Check Level of Battery Distilled Water :	-
No of Strings connected to inverter :	12 Nos			AJB	
No of Panels connected in series per strings :	Checked			AJB Terminal to be check :	
Check PCU functionality, e.g. automatic disconnection upon loss of grid power supply for Grid Tie inverter	Checked			AJB SPD/Fuse Condition :	
Check ventilation condition :	Checked			AJB Diode to be check :	
Cleaning of Fan Mesh :	Checked			Check for AJB Terminal connection :	
Speed of Fan to be Check :	Done			ACDB	
Check for loose cable terminations :	Done			ACDB Terminals to be Check	Checked
All Inverter MC4 connector were opened and checked for any melt or burnt :				ACDB SPD Condition :	
PARAMETERS					
Site Input Voltage :	240V/110V/240V			Panel DC Voltage :	650V / string
Site Input Current :				Panel DC Current :	5.2 A / string
Site Input Frequency :	50-Hz			Panel DC Power :	1022.7 W / string
Output Voltage :	110V/120V			Total KW Measured :	25 kW
Output Load Capacity :	20 kW			Total KWH Measured :	97079 kWh
Status of Panels Condition :				Clear / Dusty	
<p>Note: If Panels are dusty, request Customer to Clean the Panels at the earliest to avoid generation loss.</p> <p>Action taken for any defects: + As per customer request inverter below kWh value was changed at the ACDB level same.</p> <p>+ Some times P. Phone have low voltage due to customer. said change over switch issue need to change the charging supply.</p> <p>+ Now inverter warranty number and generator power as per standard.</p> <p>+ In the string and ACDB terminals one capacitor at the line.</p>					
Weather Condition at the time PM :		Sunlight	Fog	Haze	Rainy
Customer FeedBack	Delight	Excellent	Very Good	Good	Average
Swelect Engineer's Remarks / Suggestions:			Customer's Comments		
Engineer Name & Signature: A. Raju RAO (A. Raju RAO)					
Verified by Service Executive-Follow up for completion:					
HO Contact No : 044 - 24679774 / 9737			Signature / Date :		R.O. Copy
SERFMT05 BREV1					



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SWELECT ENERGY SYSTEMS LIMITED			
Regd. Office : "SWELECT HOUSE", No.6, Sir. P.S Sivasamy Salai, Mylapore, 600 004.			
Sl. No. 452	/ 21.	PREVENTIVE MAINTENANCE REPORT	
Customer Name :	NGM COLLEGE		PM Report No & Date
Customer Address :	POLLACHI		PM scheduled On :
Contact Person & Number :	MR. ANANDRAJ 9681705999		PM Call Attended On :
Customer Category :	Direct	Channels	PM Call Attended By :
Cust Warranty status :	UW - PM	UAMC	PM Call Duration :
PCU Configuration :	Hybrid	Bi-directional	Site Location
Type of plant :	Rooftop	Groundmount	Local
INVERTER		Battery	
Inverter Capacity :	80 kW	No of Batteries :	-
Inverter Model :	MAY 80K1I31V	Battery Voltage :	-
Inverter Serial No :	Y20SR07003	Battery Current :	-
No. of Inverter :	1	Battery Terminal Corosion :	-
Power output (kW / kVA) :	80 kW	Battery Cable Corosion :	-
No of Panels connected to inverter :	239 nos	Check Level of Battery Distilled Water :	-
No of Strings connected to inverter :	12	AJB	-
No of Panels connected in series per strings :	20, 18	AJB Terminal to be check :	CHECKED
Check PCU functionality, e.g. automatic disconnection upon loss of grid power supply for Grid Tie Inverter :	CHECKED	AJB SPD/Fuse Condition :	GOOD
Check ventilation condition :	CHECKED	AJB Diode to be check :	DONE
Cleaning of Fan Mesh :	CLEANED	Check for AJB Terminal connection :	-
Speed of Fan to be Check :	OK	ACDB	-
Check for loose cable terminations :	OK	ACDB Terminals to be Check :	CHECKED
All Inverter MC4 connector were opened and checked for any melt or burn :	CHECKED OK	ACDB SPD Condition :	GOOD
PARAMETERS			
Site Input Voltage :	238 / 236 / 239	Panel DC Voltage :	650 V / string
Site Input Current :	-	Panel DC Current :	6.9A
Site Input Frequency :	50. HZ	Panel DC Power :	-
Output Voltage :	240 V	Total kW Measured :	-
Output Load Capacity :	80 kW	Total kWh Measured :	-
Status of Panels Condition :	GOOD. OK	Clean / Dusty	-
Note: If Panels are dusty, request Customer to Clean the Panels at the earliest to avoid generation loss.			
Action taken for any defects : * ALL AC V DC TERMINALS ARE CHECK * THERE ARE 12 STRINGS. FOR 80kW, C/DEWATT INV, ALL STR. ARE WORKING AS PER STANDARDS.			
Conclusion of PM :			
Weather Condition at the time PM :		Sunlight	
Customer Feedback :		Fog	
Swelect Engineer's Remarks / Suggestions :		Haze	
Engineer Name & Signature :		Rainy	
verified by Service Executive/Follow up for completion :		Customer's Comments	
HO Contact No - 044 - 24579774 / 9737		Signature / Date :	
SERPMT05 BIREVI		R.O. Copy	

Criteria: **VII : Institutional Values and Best Practices**



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