



Fatima College

(Autonomous)

Re-Accredited with 'A++' (CGPA 3.61) by NAAC (Cycle- IV)

College with Potential for Excellence (2004 - 2019)

101 - 150 Rank Band in India Ranking 2021 (NIRF)

Mary Land, Madurai - 625018, Tamil Nadu.



7.1.2		
QnM	<i>The Institution has facilities for alternate sources of energy and energy conservation measures (5)</i>	
	1. Solar Energy	Yes
	2. Biogas plant	Yes
	3. Wheeling to the Grid	Yes
	4. Sensor Based Energy Conservation	Yes
	5. Use of LED bulbs/ power efficient equipment	Yes



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Solar Energy

Solar Power Panel

S.No	Solar Panel	Block
1.	On Grid 9.9KW	Administrative Block
2.	On Grid 10.24 KW	Madona (Hostel)
3.	On Grid 8 KW	Amalita (Hostel)
4.	Off Grid 1.93 KW	Mareitta (Hostel)

Solar Panel 9.9KW in Administrative Block





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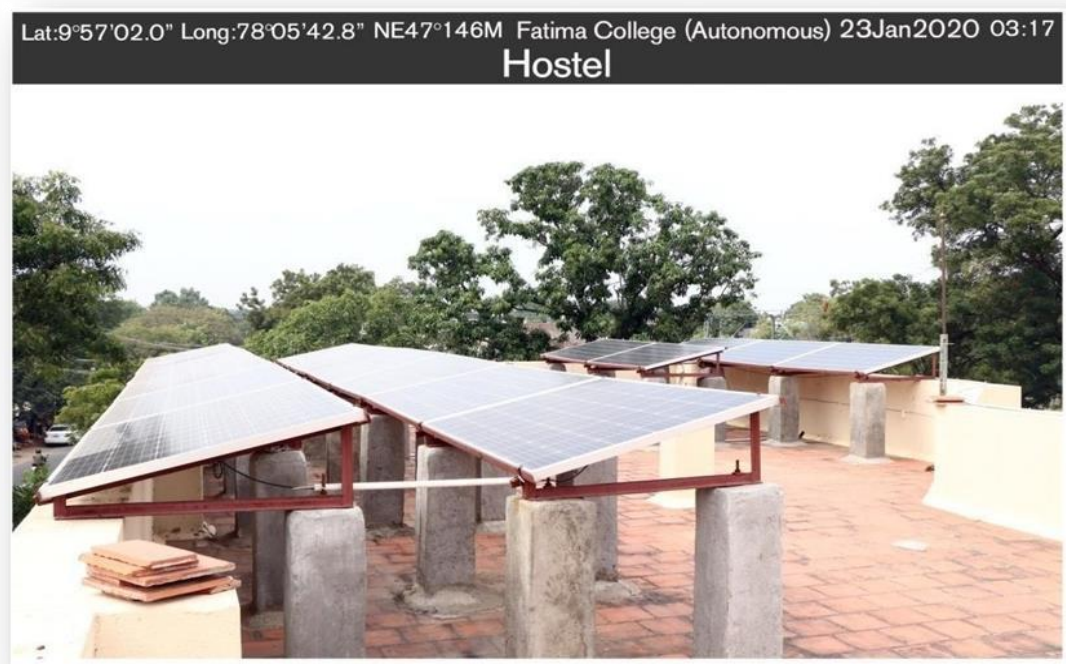
Mary Land, Madurai - 625018, Tamil Nadu.



Solar Panel 10.24 KW in Madona Block - Hostel



Solar Panel 8 KW in Amalita Block -Hostel





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Solar Panel 1.92 KW in Marietta Block - Hostel



Solar panels Satellite Picture





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Total Number of Solar Street Lights =14

Solar Lights in Basket Ball Ground



Solar Light in Playground





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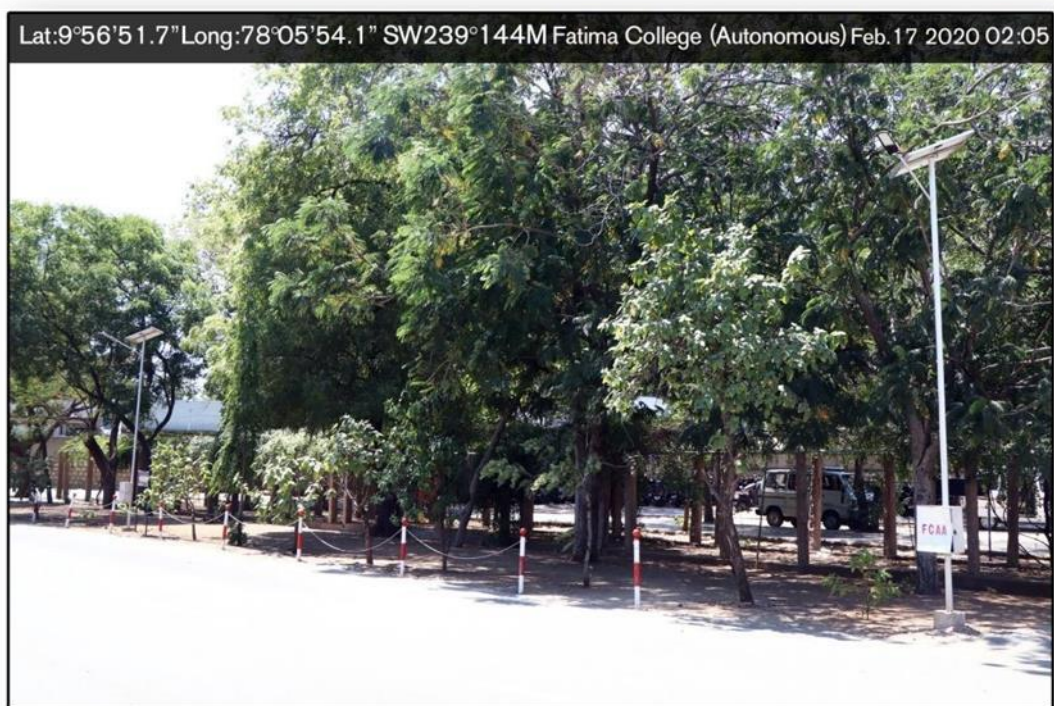
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Solar Lights near Mother Rose Statue



Solar Lights in the left side of college Entrance





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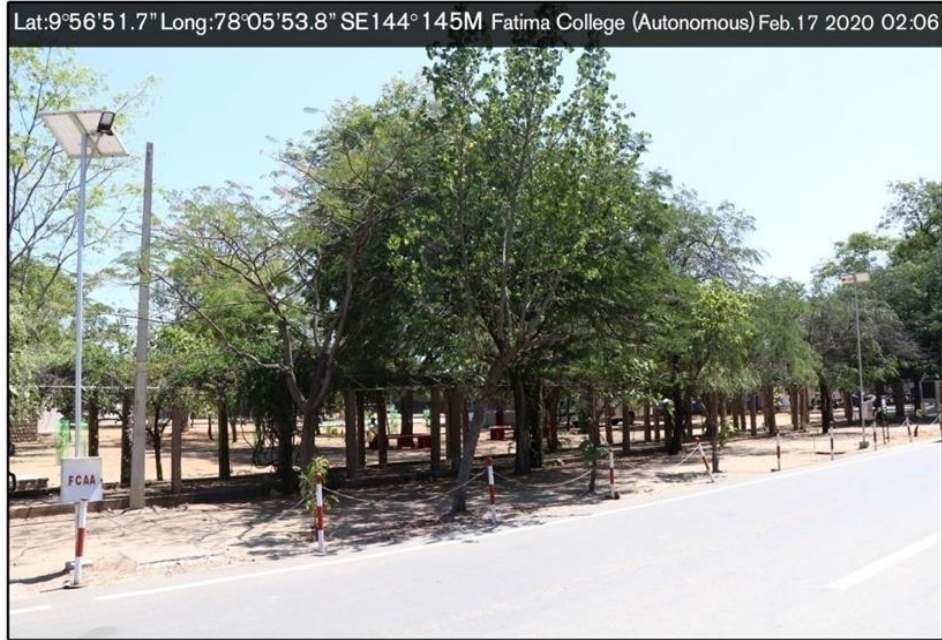
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Solar Lights in the right side of College Entrance



Solar Light near Basket Ball ground





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Solar light on the right side of Basket Ball Ground





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Solar Lights on the left side of Basket Ball ground.



Solar Panel near college compound wall





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Solar water Heater - 150 Ltr Per day (Hostel)





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2. Bio Gas Plant –Output Capacity-20M³/day

Bio Gas Plant -Hostel



Lat:9°57'00.1" Long:78°05'49.1" E70° 147M Fatima College (Autonomous)

Bio Gas Balloon



Lat:9°57'00.3" Long:78°05'49.2" E83° 147M Fatima College (Autonomous)



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Bio Gas Meter (Hostel Kitchen)





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3. Wheeling to the grid

On grid Solar Power plant 8 KW (Amalita block-Hostel)

Permission letter for connection to the grid from TANGEDCO
(Electric Board Authority)

Form - 1
Net Metering Connection Application.

To:
The Executive Engineer,
O & M / WEST / Metro
Region: Madurai

I / we herewith apply for a solar energy net-metering connection at the service connection and for the solar PV plant of which details are given below.

1. Name of applicant	MOTHER SUPERIOR FATIMA COLLEGE
2. Address of applicant	FATIMA COLLEGE, Madurai
3. Service connection number	05-041.011.536
4. Service connection tariff	LM51
5. Mobile number(s)	+91 9943800376 / +91 9600390108
6. Email ID	
7. Solar PV plant capacity (KW)	7.68 Kilo watt
8. Solar grid inverter make and type	Make: Growatt Type: Grid tie-ON grid inverter
9. Solar grid inverter has automatic isolation protection (Y/N)?	Yes
10. Has a Solar Generation Meter been installed (Y/N)?	No
11. Expected date of commissioning of solar PV system.	05 days

Name : MOTHER SUPERIOR FATIMA COLLEGE
Signature : *[Signature]*
Date : 30.05.2019
FATIMA COLLEGE CONVENT
MADURAI - 625 018

On grid Solar Power plant 8 KW (Amalita block-Hostel)
Agreement Document between College and TANGEDCO

भारतीय गैर न्यायिक	
एक सौ रुपये	Rs. 100
रु. 100	ONE HUNDRED RUPEES
भारत INDIA INDIAN NON JUDICIAL	
TAMILNADU	
28-5-19	Mother Superior, Fatima College, Madurai
This Agreement is made and entered into at Madurai on this _____ day of _____ 19____ between The Eligible Consumer, Mother Superior, Fatima college, residing at Fatima College, Madurai as first party AND The Executive Engineer, O & M /NORTH/METRO Madurai distribution Licensee (herein after called as TANGEDCO) and having its registered office at SS Complex, AA Road, Arasaradi,Madurai-625016 as second party of the agreement	
And whereas, the TANGEDCO agrees to benefit the eligible consumer for the electricity generated from his SPG plant of capacity watts and as per conditions of this agreement and net-metering regulations/orders issued by the Tamil Nadu Electricity Regulatory Commission.	
Both the party hereby agrees to as follows:	
* So And many SUPERIOR FATIMA COLLEGE CONVENT MADURAI - 625 018	

Page 1 of 4



1. Eligibility

1.1 Eligibility for net-metering has been as specified in the relevant order of the Tamil Nadu Electricity Regulatory Commission. Eligible consumer is required to be aware, in advance, of the standards and conditions his system has to meet for being integrated into grid/distribution system.

2. Technical and Interconnection Requirements

2.1 The eligible consumer agrees that his solar generation plant and net metering system will conform to the standards and requirements specified in the following Regulations and codes as amended from time to time.

(i) CEA's (Technical Standards for connectivity of the Distributed Generating Resources) Regulations, 2013

(ii) Central Electricity Authority (Installation and Operation of Meters) Regulation 2006

(iii) Tamil Nadu Electricity Distribution Code

(iv) Tamil Nadu Electricity Distribution Supply Code

2.2 Eligible consumer agrees that he has installed or will install, prior to connection of Photovoltaic system to TANGEDCO's distribution system, an isolation device (both automatic and inbuilt within inverter and external manual relays) and agrees for the TANGEDCO to have access to and operation of this, if required and for repair maintenance of the distribution system.

2.3 Eligible consumer agrees that in case of a power outage on TANGEDCO's system, photovoltaic system will shut down, automatically and his plant will not inject power into Licensee's distribution system.

2.4 All the equipment connected to distribution system must be compliant with relevant international (IEEE/IEC) or Indian standards (BIS) and installations of electrical equipment must comply with Central Electricity Authority (Measures of Safety and Electricity Supply) Regulations, 2010.

2.5 Eligible consumer agrees that licensee will specify the interface/interconnection point and metering point.

2.6 Eligible consumer and licensee agrees to comply with the relevant CEA regulations in respect of operation and maintenance of the plant, drawing and diagrams, site responsibility schedule, harmonics, synchronization, voltage frequency, flicker etc.,

2.7 Due to TANGEDCO's obligation to maintain a safe and reliable distribution system, eligible consumer agrees that if it is determined by the TANGEDCO that eligible consumer's photovoltaic system either causes damage to and/or produces adverse effects affecting other consumers or TANGEDCO's assets, eligible consumer will have to disconnect photovoltaic system immediately from the distribution system upon direction from the TANGEDCO and correct the problem at his own expense prior to a reconnection.

X So. And Mary

SUPERIOR
FATIMA COLLEGE CONVENT
MADURAI - 625 018



3. Clearances and Approvals

3.1 The eligible consumer agrees to obtain all the necessary approvals and clearances (environmental and grid connected related) before connecting the photovoltaic system to the distribution system.

4. Access and Disconnection

4.1 TANGEDCO shall have access to metering equipment and disconnecting means of photovoltaic system, both automatic and manual, at all times.

4.2 In emergency or outage situation, where there is no access to a disconnecting means, both automatic and manual, such as a switch or breaker, TANGEDCO may disconnect service to the premise.

5. Liabilities

5.1 Eligible consumer and TANGEDCO will indemnify each other for damages or adverse effects from either party's negligence or intentional misconduct in the connection and operation of photovoltaic system or TANGEDCO's distribution system.

5.2 TANGEDCO and eligible consumer will not be liable to each other for any loss of profits or revenues, business interruption losses, loss of contract or loss of goodwill, or for indirect, consequential, incidental or special damages, including, but not limited to, punitive or exemplary damages, whether any of the said liability, loss or damages arise in contract, or otherwise.

5.3 TANGEDCO shall not be liable for delivery or realization by eligible consumer for any fiscal or other incentive provided by the central/state government beyond the scope specified by the Commission in its relevant Order.

6. Commercial Settlement

6.1 All the commercial settlement under this agreement shall follow the Net metering order issued by the TNERC.

7. Connection Costs

7.1 The eligible consumer shall bear all costs related to setting up of photovoltaic system including metering and interconnection costs.

The eligible consumer agrees to pay the actual cost of modifications and upgrades to the service line required to connect photovoltaic system in case it is required.

8. Termination

8.1 The eligible consumer can terminate agreement at any time by providing TANGEDCO with 90 days prior notice.

8.2 TANGEDCO has the right to terminate Agreement on 30 days prior written notice, if eligible consumer breaches a term of this Agreement and does not remedy the breach within 30 days of receiving written notice from TANGEDCO of the breach.

x Br. Anand Mary

SUPERIOR
FATIMA COLLEGE CONVENT
MADURAI - 625 018



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Mary Land, Madurai - 625018, Tamil Nadu.



8.3 Eligible consumer agrees that upon termination of this Agreement, he must disconnect the photovoltaic system from TANGEDCO's distribution system in a timely manner and to TANGEDCO's satisfaction.

In the witness, whereof of ~~Mr./Ms.~~ Sr. G. Tejitha Raji and on behalf of MOTHER SUPERIOR FATIMA COLLEGE (Eligible consumer) and ----- for and behalf of -----
-----, TANGEDCO sign this agreement in two originals.

Eligible Consumer Name

Mother Superior, Fatima college

Officer name

Designation

Office Address

X. Sr. Anilmeraj
Address

SUPERIOR
Fatima College, FATIMA COLLEGE CONVENT
MADURAI - 625 018

Madurai

Service connection Number : 05-041.011.536

Witness

Sr. J. A. Raji

Warden
Fatima College Hostel
Madurai-625 018.

7639340111

X. Sr. Anilmeraj

SUPERIOR
FATIMA COLLEGE CONVENT
MADURAI - 625 018



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On grid Solar Power plant 10 KW (Madona block - Hostel) Permission letter for connection to the grid from TANGEDCO (Electric Board Authority)

Form - 1

Net Metering Connection Application.

To:

The Executive Engineer,
O & M /NORTH/METRO
Region: Madurai

I / we herewith apply for a solar energy net-metering connection at the service connection and for the solar PV plant of which details are given below.

1.	Name of applicant	MOTHER SUPERIOR FATIMA COLLEGE
2.	Address of applicant	FATIMA COLLEGE, Madurai
3.	Service connection number	05- 041.011.165
4.	Service connection tariff	LM2B1
5.	Mobile number(s)	
6.	Email ID	
7.	Solar PV plant capacity (KW)	10Kilo watt
8.	Solar grid inverter make and type	Make: SAJ Type: Grid tie-ON grid inverter
9.	Solar grid inverter has automatic isolation protection (Y/N)?	Yes
10.	Has a Solar Generation Meter been installed (Y/N)?	No
11.	Expected date of commissioning of solar PV system.	30 days

Name : MOTHER SUPERIOR FATIMA COLLEGE

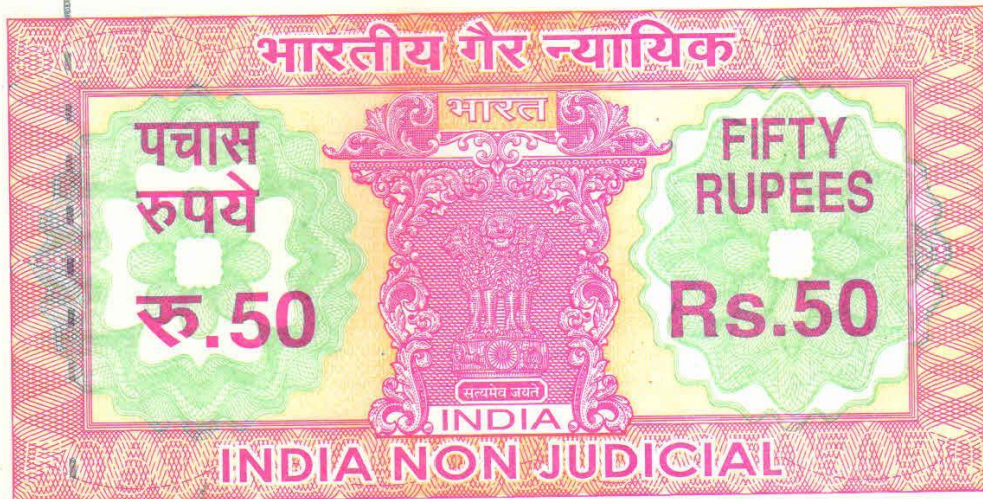
Signature : X

Date :

Dr. Anurag 16/6/18
SUPERIOR
FATIMA COLLEGE CONVENT
MADURAI - 625 018

On grid Solar Power plant 10 KW (Madona block - Hostel)

Document of Agreement between College and TANGEDCO



தமிழ்நாடு தமிழ்நாடு TAMILNADU

$$\begin{array}{r} 2817 \\ \hline 14.62018 \end{array}$$

Mother Superior
Fatima college
Madurai,

AM 117869



This Agreement is made and entered into at Madurai on this _____ day of _____ between The Eligible Consumer, residing at Fatima College, Madurai as first party AND _____ Madurai distribution Licensee (herein after called as TANGEDCO) and having its registered office at _____ as second party of the agreement.

And whereas, the TANGEDCO agrees to benefit the eligible consumer for the electricity generated from his SPG plant of capacity watts and as per conditions of this agreement and net-metering regulations/orders issued by the Tamil Nadu Electricity Regulatory Commission.

Both the party hereby agrees to as follows:

1. Eligibility

1.1 Eligibility for net-metering has been as specified in the relevant order of the Tamil Nadu Electricity Regulatory Commission. Eligible consumer is required to be aware, in advance, of the standards and conditions his system has to meet for being integrated into grid/distribution system.

Page 1 of 4

X
Dr. D. B. Srinivasan
SUPERIOR
FATIMA COLLEGE CONVENT
MADURAI - 625 018



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தமிழ்நாடு தமில்நாடு TAMILNADU

2818

14.6.2018

Mother Superior
Fatima college
Madurai.

பி.ஆர். குமாரதாஸ், பி.எல்.ஆர்.

ஆர்.ஒ.சி. நிர் 9125/B1/2005

முத்திரைத்தாள் விற்பனையாளர்
நீ. பேமஸ் கோடு, மதுரை-625

AM 117870



2. Technical and Interconnection Requirements

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So. R. R. R. 16/6/18
SUPERIOR
FATIMA COLLEGE CONVENT
MADURAI - 625 018



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2.4. All the equipment connected to distribution system must be compliant with relevant international (IEEE/IEC) or Indian standards (BIS) and installations of electrical equipment must comply with Central Electricity Authority (Measures of Safety and Electricity Supply) Regulations, 2010.

2.5 Eligible consumer agrees that licensee will specify the interface/interconnection point and metering point.

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X



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In the witness, whereof of Mr./Ms. ----- for and on behalf of MOTHER SUPERIOR
FATIMA COLLEGE (Eligible consumer) and ----- for and behalf of-----
-----, TANGEDCO sign this agreement in two originals.

Eligible Consumer Name

Mother Superior, Fatima college

Officer name

Designation

Office Address

Address

Fatima College,

Madurai

Dr. Anil Kumar
7/16/6/18
SUPERIOR
FATIMA COLLEGE CONVENT
MADURAI - 625 018

Service connection Number : 05- 041.011.165

Witness



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EB summary stating "Bi Directional Meter" for On grid solar rooftop power plant - Amalitta Block

TANGEDCO
TAMIL NADU GENERATION AND DISTRIBUTION CORPORATION LTD.
CONSUMER SERVICES

WSS
WEB SELF SERVICE

FAQ | Contact Us | Bill Collection | Logout

Last login: Sat, 27 Feb 2021 13:50:27 | Current login: Sat, 27 Feb 2021 13:53:10

Welcome MUTHU TRAVELS.

Service Details

Name	MOTHER SUPPLIER	Consumer No	05041011526
Region	03-Madurai	Old Consumer Nos	No remark found
Circle	463-Metro	Phase	3
Section	041-UNBARI/NOOTRI/ARASARADI	Load	8.16 KW
Distribution Number	021-K ZONE	Tariff	LM51
Address	330	Meter Number	6660974
Service Status	FATIMA COLLEGE	SD available (Rs.)	94784
	LITE	SD Refund / Adj (Rs.)	
		Service Category	OTIERS
		MCD available (Rs.)	2560
		MCD Refund (Rs.)	0

ASD Additional Security Deposit
SD Security Deposit
BPSC Balanced payment surcharge
CL charges Current Consumption Charges
PNC Previous Month Consumption
MCD Meter Caution Deposit

Min Chrg: 0 Fixed exch: 140.00 Welding chrg: 15 % of CC
Related payment surcharge 9 E.Tax: 5 % of (CC-PP) monthly reworking chrg+fixed cost!

Previous Tariff: LA1A | Current Tariff: LM51 | Tariff Change Date: 09-11-2013 | Check Reading (CWR): 12430 | Check Reading (CWAR):

Asset Change Details

Meter No	Meter Model	Phase Type	Multiplication Factor	Initial Reading	Final Reading	Initial (CWAR)	Final (CWAR)	Asset Date	Asset Date	Reason
3480369	RE-HUB	Static Electronic Meters	1	0	97248	C		04-12-2013	04-12-2013	Normal
31171725	BMCC	Static Electronic Meters	1	10	11361	C		05-05-2011	05-05-2011	Normal
4660974	HPL ELECTRIC AND POWER	Static Bi-directional Meter	1	0	173294	C	212938	31-07-2019	31-07-2019	Normal

Disconnection/Reconnection Details

Date	Reading (CWR)	Reading (CWAR)	Status	Reason
17-05-2006			DISCONNECTED	non payment of c
13-06-2006	3020		DISCONNECTED	re connection
13-06-2006	3020		RECONNECTED	c c collectid
25-07-2006	3020		RECONNECTED	re connection
25-07-2006	3020		RECONNECTED	re connection
25-07-2006	3020		RECONNECTED	re connection

Reading/Current graph

Consumption chart

Consumption charges

Amount (Rs.)

Month

Zoom reset



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*select the graph area to zoom

Electricity Consumption Bill Details

Reading taken Date	Reading	Used Unit	CC Charges (Rs.)	Other Charges (Rs.)	EST Amount (Rs.)	Adv. Amount (Rs.)	Adj. Amount (Rs.)	Total Bill Amount (Rs.)	Due Date	Bill Paid	Receipt No	Payment Date	Slip
26/02/21	17150	140	1127	1372.35	0	0	0	0	18/03/21				NORI
28/12/20	17010	10	50	1297.5	0	0	0	0	18/01/21				NORI
28/10/20	17000	10	50	1290.5	0	0	0	0	17/11/20				NORI
28/08/20	16090	1820	14651	3350.56	0	0	0	0	17/09/20				NORI
23/04/20	Previous	Assessment	Amount	Billed	30513	0	0	30513	30/07/20	31233	MDM011A1Q1462	06/08/20	PMC
26/04/20	Previous	Assessment	Amount	Billed	30513	0	0	30513	30/07/20	30913	MDM041A1Q1483	19/05/20	PMC

Miscellaneous Bill Details

Slip Cheque No	Slip Cheque Date	Dishonour Code	Account Description	Amount	Due date	Collection Date	Receipt No	Instalt Amt/ Cheque Amt/ Pending Amt	Total Instalment	Instalment Status
0410619401	17-07-2019		61363-Shifting Charges(61904m)	150	31-07-2019	17-07-2019	MDM041AR25444			
0410619401	17-07-2019		46942-Scst	20.25	31-07-2019	17-07-2019	MDM041AR25444			
0410619401	17-07-2019		62348-Rounding O/T	0.5	31-07-2019	17-07-2019	MDM041AR25444			
0410619401	17-07-2019		61955-Estimate Charges(61904e)	6783	31-07-2019	17-07-2019	MDM041AR25444			
0410619401	17-07-2019		61916-Charges For Changing Of Meter At The Request Of The Consumer	50	31-07-2019	17-07-2019	MDM041AR25444			
0410619401	17-07-2019		61307-Testing Fees	75	31-07-2019	17-07-2019	MDM041AR25444			
0410619401	17-07-2019		46941-Cgst	20.25	31-07-2019	17-07-2019	MDM041AR25444			
0410619401	21-06-2019		46941-Cgst	9	05-07-2019	21-06-2019	MDM046IA1S1422			
0410619401	21-06-2019		61962-Appl And Regn Fees(61999a)	100	05-07-2019	21-06-2019	MDM046IA1S1422			
0410619401	21-06-2019		46942-Scst	9	05-07-2019	21-06-2019	MDM046IA1S1422			

Outstanding Bill Details

Bill month	Bill year	Acct. Description	Amount	Due date	Description
			0		
			Total:0		

Balance in advance amount is Rs.0

Amount for future bill adjustment as per consumer's request is Rs.0

Total dues to be paid in Rs.0

Form B/F-7-2019, Tamil Nadu Generation & Distribution Corporation Limited
This module is part of various I-ITs, I-ITs, I-ITs and I-ITs. For more details, please refer to the website.

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Mary Land, Madurai - 625018, Tamil Nadu.



EB summary stating “Bi Directional Meter” for On grid solar rooftop power plant - Madona Block



TAMIL NADU GENERATION AND DISTRIBUTION CORPORATION
CHENNAI REGION



WSS
WEB SELF SERVICE

FAQ | Guide | Bill | Bill Calculator | Logout

Last login : Sat, 27 Feb 2021 13:53:30
Current login: Sat, 27 Feb 2021 15:05:48

Welcome MUTHUTRAVELS

Service Details

Name	MOTHER SUPERIOR FATIMA COLLEGE	Consumer No	030410211005
Region	05-Madurai	Old Consumer No	No records found.
Circle	483-Metro	Phase	3
Section	041-URBAN/NORTH/ARASARADI	Load	40 KW
Distribution	013-R ZONE	Tariff	14281
Number	165	Meter Number	5006307
Address	FATIMA COLLEGE	SD available (Rs.)	252425
Service Status	LIVE	SD Refund/Adj (Rs.)	0
		Service Category	OTHER3
		MCD available (Rs.)	2300
		MCD Refund (Rs.)	0

Club Rate

From (Year)	To (Year)	Rate (Rs.)	Rate (Unit)
1	Above	5.71	9999999

ASD Additional Security Deposit
SD Security Deposit
RFSC Reduced payment surcharge
CC charges Current Consumer Charges
PAC Previous Month Consumption
MCD Meter Caution Deposit


Min Chrg: 0 **Fixed cost:** 120/KW **Welding chrg:** 15 % of CC
Related payment surcharge: 0 **S Tax:** 5% of (CC+RF penalty+welding chrg+fixed cost)

Meter Change Details

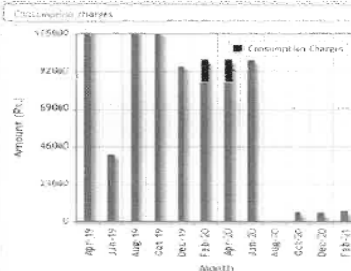
Meter No	Meter Make	Meter Type	Multiplication Factor	Initial Reading	Final Reading	Initial KV/AH	Final KV/AH	Meter In Date	Meter In Date	Reason
3422909	GENUS	Static Electronic Meters	1	0	2337	0	0	05-09-2013	05-09-2013	Normal
006007	GENUS	Static Bi-directional Meter	1	0	384231	0	637914	23-08-2018	23-08-2018	Normal
3481006	GENUS	Static Electronic Meters	1	0	22390	0	24-80	23-11-2013	23-11-2013	Meter Burns With Out Final Reading
AL42271	KL	Electro Mechanical Meters	1	9290	299290			26-02-2009	26-02-2009	Normal

Electricity Consumption

Estimated Units



Consumption Charges



* select the graph area to zoom

Electricity Consumption Bill Details

Reading taken Date	Reading	Unit Unit	CC Charges (Rs.)	Other Charges (Rs.)	Bill Amount (Rs.)	Adv. Amount (Rs.)	Adj. Amount (Rs.)	Total Bill Amount (Rs.)	Due Date	Bill Paid	Receipt No	Payment Date	STN
26/02/21	161570	390	1092.5	5904.63	6997	0	6997	0	18/03/21				NCR
26/12/20	159740	0	0	5838	5838	0	5838	0	18/01/21				NCR
28/10/20	158410	60	345	5861.25	6206	0	6206	0	17/11/20				NCR
27/08/20	156550	8590	45392.5	14157.62	0	0	0	0	16/09/20				NCR



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Electricity Consumption Bill Details

Reading taken Date	Reading	Used Unit	CC Charges (Rs.)	Other Charges (Rs.)	Bill Amount (Rs.)	Adv. Amount (Rs.)	Adj. Amount (Rs.)	Total Bill Amount (Rs.)	Due Date	Bill Paid	Receipt No	Payment Date	Sta
26/06/20	Previous	Assessment	Amount	Billed	98936	0	0	98936	30/07/20	99743	MDM0411A1Q161	05/06/20	PMC
27/04/20	Previous	Assessment	Amount	Billed	98936	0	0	98936	30/07/20	98936	MDM0411A1Q1462	15/05/20	PMC

Microfinance Bill Details

Slip Cheque No	Slip Cheque Date	Dishonour Date	Account Description	Amount	Due date	Collection Date	Receipt No	Instal Amt/ Cheque Amt/ Pending Amt	Total Installments	Installments Status
	27-08-2020		AD301-AUTO DOOR LOCK ADJUSTMENT	35386				16345		
4120134159	04-10-2018		46941-Cgst	29.25	31-12-2018	12-11-2018	MDM041AR1Q051	55	1	0
4120184159	04-10-2018		46942-Sgst	29.25	31-12-2018	12-11-2018	MDM041AR1Q051	55	1	0
4120184150	04-10-2018		62848-Rounding Off	0.5	31-12-2018	12-11-2018	MDM041AR1Q051	55	1	0
0410718513	20-07-2018		61916-Charges For Changing Of Meter At The Request Of The Consumer	50	13-08-2018	30-07-2018	MDM041AR2S808			
0410718511	20-07-2018		61963-Shifting Charges(61964m)	150	13-08-2018	30-07-2018	MDM041AR2S808			
0410718513	20-07-2018		61907-Testing Fees	75	13-08-2018	30-07-2018	MDM041AR2S808			
0410718513	20-07-2018		61935-Estimate Charge(61964m)	5650	13-08-2018	30-07-2018	MDM041AR2S808			
0410718513	23-07-2018		61863-Appl And Regn. Fees(61909a)	100	27-07-2018	13-07-2018	MDM042AR1S541			
4120172141	22-04-2017		46100-Cc Deposit	5150	07-06-2017	08-05-2017	MDM041AR1Q1005	5150	1	1

Outstanding Bill Details

Bill Month	Bill year	Acct. Description	Amount	Due date	Description
			0		
Total:0					

Balance in advance amount is Rs.0

Amount for future bill adjustment as per consumer's request & Rs.16345

Total dues to be paid in Rs.0

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Arasaradi, Madurai-16,



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Mary Land, Madurai - 625018, Tamil Nadu.



Wheeling to the grid (Export from the grid) (Amalita Block) EB Service Number: 041-011-165

2/26/22, 12:07 PM

Reading Details

ACCOUNT SUMMARY

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CONSUMER NAME: MOTHER SUPERIOR FATIMA
COLLEGE

CONSUMER NUMBER: 05041011165

REGION	05-Madurai	PHASE	3	SLAB RATE			
CIRCLE	463-Metro	LOAD	48 KW				
SECTION	041- URBAN/NORTH/ARASARADI	TARIFF	LM2B1	From Unit	To Unit	Rate (Rs.)	Max. Unit
DISTRIBUTION	011-K ZONE	METER NUMBER	5086007	1	Above	5.75	9999999
SERVICE NUMBER	165	ACCD* AS ON Date/ SD Available for Refund or Adj.(Rs.)	261108 / 0	Min. Chrg:	0	Fixd. Cost:	120/KW
ADDRESS	FATIMA COLLEGE	MCD AS ON Date/ MCD Available for Refund or Adj.(Rs.)	2500 / 0	BPSC*:	0	Welding.Chrg:	15%
SERVICE STATUS	LIVE	SERVICE CATEGORY	OTHERS	E. Tax:	5 % (CC + DPF + WD+RDFC)		

Dues To Be Paid Details

Bill Month	Bill Year	Acct. Description	Amount Due	Due Date	Description
2	2022	23100-Cc Charges	15654	16-03-2022	CC CHARGES
Total:			15654		PAY ONLINE

Monthly Consumption Charge Collection Details

Assessment Date	Assessment Entry Date	KWH Reading	KVAH Reading	EXPORT KWH reading	EXPORT KVAH reading	Maximum Demand	Power Factor	Consumed Unit	CC Charges* (Rs.)	ETAX (Rs.)	WD (Rs.)	EDC (Rs.)	DPF (Rs.)	FC (Rs.)	Total (Rs.)	Assessed Amount (Rs.)	Advance Amount (Rs.)	Adjustment Amount (Rs.)	Total Bill Amount (Rs.)	Due Date For payment	Amount Paid	Receipt No	Payment Date	Assessment Status	
24/02/2022	26/02/2022	189480	199010	19560	21240	28.19	.91	1610	9257.5	636.88	0	0	5760	6395.88	15654	0	0	0	15654	16/03/2022	0				NORMAL
29/12/2021	29/12/2021	186470	195690	18260	19720	27.2	.95	9250	53167.5	2827.38	0	0	5760	8587.38	61775	0	0	0	61775	19/01/2022	61775	MDM041RS1Q239	05/01/2022		NORMAL
27/10/2021	28/10/2021	176590	185230	17620	18990	22.24	.96	7020	40365	2156.25	0	0	5760	7916.25	48281	0	0	0	48281	16/11/2021	48281	MDM041IA1Q754	11/11/2021		NORMAL
27/08/2021	27/08/2021	168430	176770	16700	17990	13.86	.88	0	0	84	0	0	5760	5844	5844	0	0	0	5844	16/09/2021	5844	MDM041IA1Q248	06/09/2021		NORMAL
30/06/2021	06/07/2021	167110	175220	15170	16350	15.16	.9	411	2363.25	214.16	0	0	5760	5974.16	8337	0	0	0	8337	20/07/2021	8337	MDM041IA1Q1192	15/07/2021		NORMAL
29/04/2021	29/04/2021	164989	172870	13460	14500	18.22	.91	1839	10375.25	642.71	0	0	5760	6462.71	16977	0	16345	632	15065	15/05/2021	632	MDM041AR4Q167	03/06/2021		NORMAL
26/02/2021	26/02/2021	161570	169110	11980	12830	15	.9	150	1092.5	144.63	0	0	5760	5964.63	6997	0	6997	0	18/03/2021	0				NORMAL	
26/12/2020	30/12/2020	159740	167680	10270	11110	12.67	.91	0	0	78	0	0	5760	5838	5838	0	5838	0	18/01/2021	0				NORMAL	
28/10/2020	29/10/2020	158410	165620	8910	9640	13.4	.92	60	343	101.25	0	0	5760	5861.25	6206	0	6206	0	17/11/2020	0				NORMAL	
27/08/2020	31/08/2020	156560	163610	7120	7730	13.33	.94	8590	48392.5	2637.62	0	0	11520	14157.62	0	0	0	0	16/09/2020	0				NORMAL	
26/06/2020	29/06/2020								Previous Assessment Amount Billed	98936	0	0	0	0	98936	0	0	0	98936	30/07/2020	99743	MDM041IA1Q161	05/08/2020		PMC
27/04/2020	27/04/2020								Previous Assessment Amount Billed	98936	0	0	0	0	98936	0	0	0	98936	30/07/2020	98936	MDM041IA1Q1482	19/05/2020		PMC
27/02/2020	28/02/2020	143790	150060	2940	3210	32.94	.96	15400	86550	4625.5	0	0	5760	10385.5	98936	0	0	0	98936	18/03/2020	98936	MDM041IA1Q1873	16/03/2020		NORMAL
26/12/2019	26/12/2019	127710	133310	2260	2480	28.48	.96	14780	84965	4423.3	0	0	5760	10183.3	95168	0	0	0	95168	18/01/2020	95168	MDM041IA1Q1201	09/01/2020		NORMAL
25/10/2019	26/10/2019	112510	117400	1840	2020	33.03	.96	18220	104785	5432.1	0	0	5760	11192.1	115957	0	0	0	115957	14/11/2019	115957	MDM041AR2Q991	11/11/2019		NORMAL
29/08/2019	30/08/2019	94040	98100	1590	1710	32.64	.96	18630	107122.5	5554.1	0	0	5760	11314.1	118437	0	0	0	118437	18/09/2019	118437	MDM041IA1Q266	10/09/2019		NORMAL
27/06/2019	28/06/2019	75030	78340	1210	1280	.65	.96	5850	33637.5	1667.9	0	0	5760	7447.9	41085	0	0	0	41085	17/07/2019	41085	MDM041IA1Q119	16/07/2019		NORMAL
25/04/2019	26/04/2019	69180	72250	1210	1270	.65	.96	18890	108617.5	5436.6	0	0	5760	11196.6	119814	0	0	0	119814	15/05/2019	119814	MDM041IA1Q100	08/05/2019		NORMAL
27/02/2019	27/02/2019	50130	52490	1050	1100	32.34	.95	13760	79120	4154	0	0	5760	9914	89034	0	0	0	89034	19/03/2019	89034	MDM041IA1Q665	11/03/2019		NORMAL
27/12/2018	27/12/2018	35670	37200	350	380	33.74	.96	15000	89700	4689	0	0	5760	10449	100149	0	0	0	100149	18/01/2019	100925	MDM041AR2Q331	19/01/2019		NORMAL



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Wheeling to the grid (Export from the grid) (Hostel Solar Room) EB Service Number: 041-011-536

2/25/22, 12:01 PM

Reading Details

ACCOUNT SUMMARY

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CONSUMER NAME:MOTHER SUPPLIER

CONSUMER NUMBER: 05041011536

REGION	05-Madurai	PHASE	3	SLAB RATE			
CIRCLE	463-Metro	LOAD	8.16 KW				
SECTION	041-URBAN/NORTH/ARASARADI	TARIFF	LM31	From Unit	To Unit	Rate (Rs.)	Max. Unit
DISTRIBUTION	011-K ZONE	METER NUMBER	21359478	1	100	5	100
SERVICE NUMBER	536	ACCD* AS ON Date/ SD Available for Refund or Adj.(Rs.)	98860 / NIL	1 Above		8.05	9999999
ADDRESS	FATHIMA COLLEGE	MCD AS ON Date/ MCD Available for Refund or Adj.(Rs.)	2500 / 0	Min.Chrg:	0	Fixd.Cost:	140/KW
SERVICE STATUS	LIVE	SERVICE CATEGORY	OTHERS	BPSC*:	0	Welding.Chrg:	15%
				E.Tax:	5 % (CC + DPF + WD+RDFC)		

DUES TO BE PAID IS "NIL"

[CLICK HERE TO PAY ADVANCE *](#)

Monthly Consumption Charge Collection Details

Assessment Date	Assessment Entry Date	KWH Reading	KVAH Reading	EXPORT KWH reading	EXPORT KVAH reading	Maximum Demand	Power Factor	Consumed Unit	CC Charges* (Rs.)	ETAX (Rs.)	WD (Rs.)	EDC (Rs.)	DPF (Rs.)	FC (Rs.)	Total (Rs.)	Assessed Amount (Rs.)	Advance Amount (Rs.)	Adjustment Amount (Rs.)	Total Bill Amount (Rs.)	Due Date For payment	Amount Paid	Receipt No	Payment Date	Assessment Status
28/12/2021	03/01/2022	18430	25560	13400	13600	7.81	.58	185	1489.25	130.40	0	0	0	1260	1390.40	0	0	0	0	17/01/2022	0			DEFECTIVE
27/10/2021	28/10/2021	18430	25560	13400	13600	5.28	.73	830	9681.5	376.08	0	0	0	1260	1636.08	0	0	0	0	16/11/2021	0			NORMAL
27/08/2021	27/08/2021	17600	24420	12000	12190	7.85	.58	180	1449	128.45	0	0	0	1260	1388.45	0	0	0	0	16/09/2021	0			NORMAL
30/06/2021	06/07/2021	17420	24110	10640	10810	1.82	.31	40	200	24	0	0	0	1260	1284	0	0	0	0	20/07/2021	0			NORMAL
30/04/2021	03/05/2021	17380	23880	7560	7700	7.82	.62	230	1851.5	148.58	0	0	0	1260	1408.58	2736	0	0	2736	15/06/2021	2736	MDM041AR4Q168	03/06/2021	NORMAL
26/02/2021	26/02/2021	17150	23610	7330	7470	7.8	.52	140	1127	112.35	0	0	0	1260	1372.35	0	0	0	0	18/03/2021	0			NORMAL
28/12/2020	31/12/2020	17010	23340	6130	6250	4.9	.1	10	50	37.5	0	0	0	1260	1297.5	0	0	0	0	18/01/2021	0			NORMAL
28/10/2020	29/10/2020	17000	23240	5620	5710	3.2	.09	10	50	30.5	0	0	0	1260	1290.5	0	0	0	0	17/11/2020	0			NORMAL
28/08/2020	09/09/2020	16990	23130	4880	4950	6.95	.68	1820	14651	830.50	0	0	0	2520	3350.50	0	0	0	0	17/09/2020	0			NORMAL
25/06/2020	29/06/2020								Previous Assessment Amount Billed							30913	0	0	30913	30/07/2020	31233	MDM041IA1Q162	05/08/2020	PMC
26/04/2020	26/04/2020								Previous Assessment Amount Billed							30913	0	0	30913	30/07/2020	30913	MDM041IA1Q1483	19/05/2020	PMC
26/02/2020	28/02/2020	15170	20460	1770	1800	7.6	.73	3720	29346	1553.3	0	0	0	1260	2813.3	30913	0	0	30913	17/03/2020	30913	MDM041IA1Q1874	16/03/2020	NORMAL
26/12/2019	31/12/2019	11450	13350	960	990	7.74	.74	3680	28624	1537.2	0	0	0	1260	2797.2	30757	0	0	30757	18/01/2020	30757	MDM041IA1Q1202	09/01/2020	NORMAL
25/10/2019	26/10/2019	7770	10360	230	240	7.63	.74	4880	39284	2017.4	0	0	0	1260	3277.4	42105	0	0	42105	14/11/2019	42105	MDM041AR20992	11/11/2019	NORMAL
29/08/2019	30/08/2019	2880	3730	30	40	7.57	.79	5994	48251.7	2468.6	0	0	0	1260	3728.6	51912	0	0	51912	18/09/2019	51912	MDM041IA1Q267	10/09/2019	NORMAL



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Net meter (Near Physics Lab)





March 20 to Aug. 2020										[Total Capacity: 10 Kw.]									
DATE										INSP									
DATE										DATE									
Date	Time	Current (Amps)	KWH Per day	Total KWH Counting	KWH Emergent Consumption Per day	Volts	Power	Current	Power	Date	Time	Current (Amps)	KWH Per day	Total KWH Counting	KWH Emergent Consumption Per day	Volts	Power	Current	Power
28/2/20	9:30	1.18	8.23	12,426	-	528V	1.3A	540	1.18	28/2/20	9:30	1.18	8.23	12,426	-	528V	1.3A	540	1.18
29/2/20	9:30	3.26	3.02	12,463	37	541	3.1	549	3.2	29/2/20	9:30	3.26	3.02	12,463	37	541	3.1	549	3.2
3/3/20	9:30	3.45	3.00	12,498	35	538	4.1	531	3.4	3/3/20	9:30	3.45	3.00	12,498	35	538	4.1	531	3.4
4/3/20	11:00	6.73	4.33	12,540	42	549	6.45	531	4.1	4/3/20	11:00	6.73	4.33	12,540	42	549	6.45	531	4.1
5/3/20	8:35	0.71	1.13	12,569	29	541	1.1	529	1.0	5/3/20	8:35	0.71	1.13	12,569	29	541	1.1	529	1.0
6/3/20	8:45	3.10	3.05	12,600	31	575	1.4	532	1.0	6/3/20	8:45	3.10	3.05	12,600	31	575	1.4	532	1.0
7/3/20	1:00	6.20	18.05	12,652	45	519V	1.6A	528V	1.7A	7/3/20	1:00	6.20	18.05	12,652	45	519V	1.6A	528V	1.7A
9/3/20	10:00	3.79	4.01	12,671	18	542	1.9A	532	1.8A	9/3/20	10:00	3.79	4.01	12,671	18	542	1.9A	532	1.8A
10/3/20	9:30	4.40	3.91	12,705	34	525	4.2	534	4.5	10/3/20	9:30	4.40	3.91	12,705	34	525	4.2	534	4.5
12/3/20	9:40	4.82	4.73	12,783	78	521	4.5	518	4.8	12/3/20	9:40	4.82	4.73	12,783	78	521	4.5	518	4.8
16/3/20	9:30	1.01	1.12	12,866	83	507	1.1	484	1.8	16/3/20	9:30	1.01	1.12	12,866	83	507	1.1	484	1.8
17/3/20	9:05	6.61	4.46	12,900	34	512	2.0	522	2.3	17/3/20	9:05	6.61	4.46	12,900	34	512	2.0	522	2.3
18/3/20	9:40	4.05	3.48	12,933	33	531	4.0	545	4.2	18/3/20	9:40	4.05	3.48	12,933	33	531	4.0	545	4.2
20/3/20	12:10	4.06	10.59	12,971	38	541	2.9	540	3.1	20/3/20	12:10	4.06	10.59	12,971	38	541	2.9	540	3.1
20/5/20	5:30	1.75	13.09	13,019	48	583	1.2	553	2.0	20/5/20	5:30	1.75	13.09	13,019	48	583	1.2	553	2.0
20/5/20	10:00	1.75	1.04	13,037	18	570	1.0A	589	2.2	20/5/20	10:00	1.75	1.04	13,037	18	570	1.0A	589	2.2
16/7/20	11:30	4.54	3.84	13,371	334	408	5.9	528	2.0	16/7/20	11:30	4.54	3.84	13,371	334	408	5.9	528	2.0
31/7/20	10:30	1.76	2.53	13,509	138	504	1.3	519	1.8	31/7/20	10:30	1.76	2.53	13,509	138	504	1.3	519	1.8




Net Meter Readings for September to October 2020

September 20 To October 20													
TNPL													
DATE / /													
Date	Time	Current Power Kw	RWH For day	Total RWH	KWH Core Reading	1 st Panel		2 nd Panel		3 rd Panel	E. B. Appare		Remarks
						Solar Panel Voltage	Solar Panel Current	Solar Panel Voltage	Solar Panel Current		Voltage	Current	
11.9.20	9.35	1.74	1.45	14081	479	278	3.3	500	3.5	224	4.6	9V	
17.9.20	10.10	2.10	3.40	14140	59	502	2.9	510	2.8	233	5.2	10%	Rain Section Reading
18.9.20	9.50	3.10	2.35	14157	17	510	3.4	504	3.5	232	4.4	9%	Current:- 0.22 kw
19.9.20	10.15	4.50	4.35	14173	16	508	3.6	498	3.4	210	3.9	10%	Plant Voltage:- 472 / 0.8 Amps
22.9.20	10.30	2.10	5.60	14197	24	526	2.8	499	2.6	235	4.8	10%	2 480 / 0.8 Amps
23.9.20	10.00	3.10	4.15	14216	19	515	3.0	504	2.9	234	5.1	10%	Eq. 235 / 1.0 Amps
24.9.20	9.30	2.60	1.15	14228	12	508	3.0	500	3.2	235	4.9	10%	
25.9.20	9.50	3.05	3.20	14242	14	498	3.0	496	3.3	233	3.9	9%	
28.9.20	10.00	2.24	2.74	14318	76	526	2.2	578	2.5	233	3.4	10%	
29.9.20	10.30	6.25	4.29	14337	19	580	1.5	580	2.0	232	2.9	10%	
1.10.20	11.00	4.50	5.20	14399	62	580	2.15	589	3.0	231	2.4	10%	September 20 to 14299.31
5.10.20	9.45	5.35	2.05	14445	46	504	3.8	585	1.9	233	2.0	9%	14081
7.10.20	10.45	4.40	3.15	14463	18	499	4.2	535	3.0	232	2.9	10%	Total 218
9.10.20	11.00	5.40	6.02	14489	26	598	1.4	585	3.0	235	3.6	9%	
12.10.20	11.30	6.10	6.25	14540	51	509	2.4	535	2.9	233	3.9	10%	
14.10.20	11.30	6.66	7.10	14590	50	504	4.0	515	3.8	237	5.4	10%	
16.10.20	9.20	6.50	0.52	14614	24	585	2.9	602	0.2	232	1.5	6%	
17.10.20	9.20	0.99	0.43	14628	14	608	0.7	610	0.5	235	1.7	9%	
19.10.20	9.25	1.25	1.01	14640	28	578	3.2	618	0.0	231	2.7	9%	
20.10.20	9.30	2.34	0.81	14652	18	604	0.4	550	3.1	235	2.7	9%	Panel's high level → Current Low
21.10.20	9.20	0.99	0.29	14667	15	604	1.1	612	0.7	232	1.7	10%	Low → High
22.10.20	9.20	1.76	0.44	14686	19	593	1.6	596	1.5	232	2.7	8%	
23.10.20	9.40	1.76	1.34	14702	16	607	1.4	606	1.6	232	2.7	9%	
24.10.20	9.20	1.75	0.45	14717	15	594	1.6	598	1.4	233	2.7	9%	
25.10.20	9.30	4.32	1.13	14734	17	596	1.0	420	4.2	233	5.9	9%	25, 26, holidays.
28.10.20	9.20	1.92	1.15	14751	17	599	1.7	345	4.6	237	4.1	9%	
29.10.20	1.00	4.23	14.95	14787	36	570	3.7	569	4.9	230	5.4	12%	
31.10.20	9.30	3.84	1.45	14802	15	316	5.7	598	1.9	234	2.8	9%	
Total of 9													
October 20 → 14802													
1.10.20 → 14899													
Total down Period. :- 403													
V.V.V													



December, 2020 (Clock down Period)														
TNPL DATE / /														
Date	Time	KWH Reading (Daily)	KWH Comp. Reading	kwh Cons. Per day	Kw Current Power	Solar Panel I Voltage	Solar Panel II Current Load	Solar Panel I Voltage	Solar Panel II Current Load	E.P. Voltage	E.P. Current Load	Panel % Load	E.P. Load Full	Remarks
1.12.20	9.40	1.15	15283	16	3.40	522	2.5	538	3.0	235	1.9	9%	P	
2.12.20	9.20	1.06	15243	20	2.37	535	2.2	525	2.4	233	3.5	9%	X	
3.12.20	9.30	0.46	15251	8	0.87	520	0.9	527	0.8	234	1.6	8%	P	Rain Sean. (Don't Sun light time)
4.12.20	9.20	1.49	15260	9	0.82	615	0.5	585	1.5	231	1.4	8%	P	
7.12.20	9.30	1.00	15292	32	0.51	484	0.5	507	0.6	230	1.2	7-9%	P	Rain Sean. (Don't Sun light time)
8.12.20	9.20	1.98	15307	15	2.31	542	2.3	544	2.3	233	3.9	8-9%	X	
9.12.20	9.20	1.87	15325	18	1.94	615	1.7	632	0.3	241	2.1	6-10%	X	
10.12.20	9.30	3.65	15352	27	4.18	468	4.6	600	2.00	237	1.7	10.25%	P	
11.12.20	9.25	3.10	15371	19	4.08	515	4.00	549	4.00	240	5.8	10x25%	X	
14.12.20	9.25	3.51	15420	49	4.00	500	4.10	532	4.00	232	3.9	6-10x25%	X	
15.12.20	9.25	2.34	15445	25	3.50	423	4.2	603	1.8	232	4.1	6-10x25%	X	
16.12.20	9.20	2.15	15466	21	0.71	499	0.8	519	0.8	234	3.2	7-10x25%	X	
17.12.20	9.30	2.32	15483	17	0.61	505	0.6	524	0.6	227	1.2	8-10x25%	P	Rain Sean (Don't Sun light)
18.12.20	9.25	1.82	15494	11	1.40	512	1.4	535	1.4	242	2.2	8-9x10%	P	
21.12.20	9.25	3.17	15533	39	4.26	530	0.6	524	4.5	234	1.5	8-9x25%	X	
22.12.20	9.25	1.82	15562	29	1.85	532	1.8	532	1.9	236	2.9	9x10%	P	Cloudy Season
23.12.20	9.30	2.66	15581	19	1.22	611	1.7	613	1.6	230	2.7	8-10x25%	X	
28.12.20	9.30	2.42	15623	42	2.04	538	1.9	543	2.06	237	3.0	8-10x30%	P	Holiday
29.12.20	9.20	1.22	15648	25	1.58	539	1.6	545	1.6	243	2.5	10x25%	P	Cloudy Season (9.30)
30.12.20	9.20	2.16	15668	20	2.50	545	2.4	538	2.5	240	3.8	10x30%	P	
31.12.20	9.20	1.74	15695	27	1.13	509	1.9	510	1.12	239	2.0	10x30%	P	Rain Sean

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Net Meter Readings for February 2021

TNPL														TNPL	
DATE / /														DATE / /	
Feb. 2021.															
Date	Time	Daily kWh Reading	kWh Cons Reading	kWh Cons Per day	Current kWh	Solar I Plant	Solar I Plant Current	Solar II Volt	Solar II current	EB Voltage	EB Load	Solar Charging %	% (as P)	Remarks	
1-2-21	9.45	4.08	16146	52	4.89	519	4.9	525	4.8	234	7.2	10x30%	P		
2-2-21	9.30	3.71	16210	34	3.91	534	3.8	523	3.8	231	5.7	10x20%	P		
3-2-21	9.25	2.90	16248	38	4.04	538	4.0	521	3.8	234	5.8	10x25%	X		
4-2-21	9.25	4.19	16249	31	4.09	526	4.1	523	4.0	236	6.0	10x25%	P		
5-2-21	9.20	3.47	16320	41	3.48	537	3.4	525	3.4	234	5.2	10x20%	P		
6-2-21	9.45	4.20	16359	39	4.51	542	2.8	563	2.02	233	4.9	10x25%	P		
8-2-21	9.10	3.57	16407	48	3.48	522	3.7	576	2.9	234	5.2	10x20%	P	→ College Reopen. UG & PG	
9-2-21	9.10	3.06	16452	45	3.36	528	3.5	549	3.1	236	5.0	9x20%	P		
10-2-21	8.55	2.46	16485	33	3.05	538	3.8	531	3.7	233	5.2	9x20%	P		
11-2-21	8.45	1.08	16528	43	2.75	542	2.9	553	3.0	234	4.9	9x20%	P		
12-2-21	8.50	1.49	16572	44	2.89	550	2.8	549	3.9	233	4.2	9x25%	P		
13-2-21	10.00	7.17	16613	41	5.37	507	5.35	512	5.4	229	7.8	10x35%	P		
15-2-21	8.50	1.26	16650	37	5.22	532	3.0	574	2.5	239	4.3	9x10%	P		
16-2-21	8.45	1.90	16692	42	5.76	552	2.2	533	2.4	223	3.4	8x15%	P		
17-2-21	8.55	1.46	16722	30	2.8	539	1.8	545	1.8	235	2.8	8x10%	P		
18-2-21	9.00	1.91	16758	36	2.11	570	2.1	534	2.1	230	3.2	8x15%	P	Loudy	
19-2-21	9.00	2.47	16789	31	2.96	532	2.9	541	2.9	231	4.5	8x15%	P		
20-2-21	9.00	1.56	16828	39	0.78	531	0.8	517	0.8	234	1.5	8x15%	P		
22-2-21	9.00	1.36	16858	30	1.91	544	1.9	555	1.8	233	2.9	8x10%	P		
23-2-21	9.00	2.85	16891	33	3.15	545	3.0	555	2.9	236	4.6	8x10%	P		
24-2-21	9.00	2.27	16932	41	3.16	547	3.1	560	2.9	237	4.7	8x20%	P		
25-2-21	9.00	2.08	16975	43	2.75	544	2.7	561	2.6	235	4.1	8x20%	P		
26-2-21	9.00	2.09	17016	41	2.04	543	2.8	556	2.3	234	5.1	8x10%	P		
27-2-21	9.00	2.15	17059	43	2.75	550	2.7	552	2.6	232	4.1	8x15%	P		
1-3-21	9.10	2.87	17103	44	2.03	547	1.8	553	1.9	227	3.0	8x15%	P		
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Net Meter Readings for March 2021

March - 2021.													
DATE	TIME	Daily kWh Reading	kWh cons. Reading	kWh cons. day	Current Kw	Solar Plant (V)	Solar Load (A)	Solar Plant (V)	Solar Load (A)	F.B. Voltage	E.B. Load (A)	Panel Charging %	Proc. Z/P.
1.3.21	9.10	2.37	17103	44	2.03	547	1.8	553	1.9	227	3.0	8x15%	P.
2.3.21	9.00	1.48	17144	41	2.96	550	2.9	558	2.8	231	4.4	8x10%	P.
3.3.21	9.10	3.16	17188	44	3.51	544	3.4	549	3.3	231	5.1	8x10%	P.
4.3.21	9.00	2.39	17230	42	2.15	525	2.5	539	2.2	232	3.1	9x15%	P.
5.3.21	9.00	2.00	17271	41	3.36	551	3.2	559	3.1	236	4.9	8x15%	P.
6.3.21	9.00	2.31	17315	44	2.92	545	2.9	550	2.8	234	4.5	8x15%	P.
8.3.21	9.00	2.31	17359	44	2.30	549	2.3	552	2.9	231	5.2	8x20%	P.
8.3.21	11.00	12.76	17371	127	6.64	500	6.7	507	6.9	231	9.8	8x150%	P.
9.3.21	9.00	1.34	17399	28	3.86	555	3.4	566	3.5	235	5.5	8x15%	P.
10.3.21	9.00	2.31	17442	43	2.53	535	2.4	541	2.6	223	3.6	8x15%	P.
11.3.21	9.00	1.99	17482	40	2.16	544	2.2	534	1.8	229	3.5	8x15%	P.
12.3.21	9.10	3.32	17520	38	1.86	472	2.3	495	4.1	228	5.1	8x10%	P.
13.3.21	9.00	2.12	17560	40	3.17	537	3.0	563	2.8	231	4.7	8x15%	P.
15.3.21	9.10	2.56	17613	53	3.57	531	3.5	543	3.4	230	5.3	8x15%	P.
16.3.21	9.10	2.42	17668	35	3.04	534	3.4	541	3.5	230	5.6	8x15%	P.
17.3.21	9.10	2.84	17697	49	3.34	540	3.3	545	3.1	222	5.0	8x15%	P.
18.3.21	9.10	2.12	17656	59	3.02	541	3.1	547	3.2	230	4.0	8x10%	P.
19.3.21	10.40	2.09	17734	78	3.01	550	3.2	559	3.1	230	4.2	8x10%	P.
20.3.21	9.10	2.10	17780	46	3.09	540	3.2	546	3.2	233	4.9	8x10%	P.
22.3.21	8.55	1.49	17834	54	3.20	542	3.1	548	3.0	228	5.3	8x10%	P.
23.3.21	9.05	1.46	17870	36	1.42	535	1.4	532	1.4	229	2.3	8x10%	P.
24.3.21	9.00	1.48	17908	38	3.03	532	2.9	548	2.9	233	4.4	8x10%	P.
25.3.21	9.00	2.53	17944	39	2.85	538	2.8	542	2.8	234	4.3	8x10%	P.
26.3.21	9.45	5.49	17987	40	4.49	509	4.6	511	4.4	229	6.6	9x40%	P.
27.3.21	9.00	1.54	18022	35	3.57	535	3.5	546	3.3	232	5.2	9x15%	P.
29.3.21	9.30	3.03	18054	32	1.15	523	1.2	538	1.1	231	1.9	100x25%	P.
30.3.21	9.20	3.35	18089	35	3.75	521	3.7	537	3.6	229	5.6	18x15%	P.
31.3.21	9.50	5.12	18128	39	4.45	525	4.3	525	4.3	233	6.4	9x35%	P.
1.4.21	9.00	2.76	18163	35	3.00	529	3.00	534	2.9	233	4.5	9x20%	P.
				1060	Total: 1060 -								

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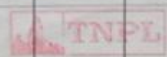
Mary Land, Madurai - 625018, Tamil Nadu.



Net Meter Readings for April 2021

April - 2021.								April - 2021.					
DATE	TIME	Daily kWh Reading	kWh Reading	kWh Cons. Per day	Current Power (Watts)	Solar Plant	Solar Plant Load?	Solar Plant	Solar Plant Load	EB Volt	EB Load	Fanned charging%	Z. Y. P.
1.4.21	9.00	2.74	18163		3.20	530	530	530	3.1	233	4.5	9x20%	P.
5.4.21	9.00	3.63	18205	42	4.34	500	4.5	499	4.5	234	6.3	10x25%	P.
7.4.21	9.40	3.22	18241	36	1.74	511	1.8	505	1.8	232	2.7	6x10x30%	P.
8.4.21	9-10	2.74	18280	39	4.80	501	4.5	510	4.4	226	6.3	9x10x20%	P.
9.4.21	9-00	1.33	18318	38	3.44	503	2.3	516	2.2	233	4.3	10x20%	P.
10.4.21	9.00	1.96	18363	45	4.04	502	3.0	511	2.9	236	4.9	10x15%	P.
12.4.21	9.15	2.35	18404	44	4.84	506	4.2	487	4.9	229	5.9	8x10x15%	P.
15.4.21	9.10	1.82	18444	37	4.82	501	5.0	509	4.9	235	6.9	10x15%	P.
16.4.21	9.00	3.08	18483	39	4.57	498	5.0	510	4.9	236	6.8	10x20%	P.
17.4.21	9.10	2.78	18522	39	4.95	499	6.4	508	5.0	233	5.9	10x15%	P.
19.4.21	9.20	4.62	18568	46	4.72	506	4.8	504	4.8	232	7.0	8x10x20%	P.
20.4.21	9.20	2.80	18608	40	2.53	591	2.2	593	2.2	225	3.7	9x10x15%	Z.
21.4.21	9.10	2.75	18638	30	3.19	502	2.2	516	2.9	225	4.3	9x15%	Z.
22.4.21	9.15	2.93	18672	34	1.98	586	1.9	406	4.5	232	3.1	9x15x10x10%	Z.
23.4.21	9.10	3.40	18700	28	4.31	493	4.5	504	4.5	234	6.2	6x8x20%	Z.
26.4.21	9.15	4.56	18758	58	5.52	505	2.7	516	2.5	231	3.8	7.9x15%	Z.
27.4.21	9.15	2.05	18795	37	3.69	500	3.9	509	3.8	223	5.5	7x5x20%	Z.
28.4.21	9.20	5.62	18833	38	4.37	500	4.5	510	4.4	234	6.3	7x10x25%	P.
29.4.21	9.00	3.61	18874	41	4.08	514	4.2	521	4.1	238	5.9	8x20x9x10%	P.
30.4.21	9.00	5.19	18913	39	4.03	512	4.1	513	4.1	235	5.9	8x9x15%	P.
1.5.21	9.00	3.03	18931	18	3.07	500	0.2	509	0.4	236	1.8	9x20%	P.
			1768	Watts	200	P.S	202	5.1	200	22	1.1	3x20%	Z.
			10128	2.2	200	8.8	202	2.0	202	22	0.1	3x20%	Z.
			10149	4.8	202	4.4	113						
			10178	2.2	200	5.0	202						
			9x22x20	P.1	100	1.1	988						
			9x22x20	2.2	202	2.8	122						
			9x22x20	2.2	202	5.4	202						
			9x22x20	2.4	202	P.S	202						

4/2020 - 3/2021 →



Net Meter Readings for May 2021

May 2021

DATE

TIME

May - 2021

DATE

TIME

DATE	Time	Daily KWH Reading	KWH Reading	KWH Cross Reading	Current Bus KWH	Subst 3 Plant Vall	Sub Load	Subst Plant Vall	Sub Load	Sub Load	Sub Load	Sub Load	Sub Load	Sub Load	Sub Load	Sub Load	Sub Load	Sub Load	Sub Load
1.5.21	9.00	3.03	18931	2	3.05	500	0.02	509	0.3	236	1.2	2.9 x 10%	2.9	2.9 x 10%	2.9	2.9 x 10%	2.9	2.9 x 10%	2.9
3.5.21	9.00	1.88	18960	29	1.87	418	5.7	528	5.7	236	6.7	8.9 x 10%	8.9	8.9 x 10%	8.9	8.9 x 10%	8.9	8.9 x 10%	8.9
4.5.21	9.00	1.07	18988	28	2.07	498	2.02	510	2.9	235	2.4	9 x 10%	9	9 x 10%	9	9 x 10%	9	9 x 10%	9
5.5.21	9.00	0.56	19007	19	1.92	588	1.9	594	1.6	239	2.3	9 x 10%	9	9 x 10%	9	9 x 10%	9	9 x 10%	9
6.5.21	9.00	1.20	19036	29	1.93	603	1.5	600	1.6	234	2.7	9 x 10%	9	9 x 10%	9	9 x 10%	9	9 x 10%	9
7.5.21	9.00	1.91	19060	24	1.92	530	1.5	507	1.6	236	2.3	9 x 10%	9	9 x 10%	9	9 x 10%	9	9 x 10%	9
10.5.21	9.55	2.05	19110	50	1.95	594	1.6	593	1.6	238	2.7	10 x 15%	10	10 x 15%	10	10 x 15%	10	10 x 15%	10
11.5.21	9.00	1.96	19146	36	1.92	608	1.2	600	1.9	233	2.9	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6
12.5.21	9.45	2.10	19155	9	1.63	605	1.8	601	1.8	235	2.6	6 x 10 x 20%	6	6 x 10 x 20%	6	6 x 10 x 20%	6	6 x 10 x 20%	6
13.5.21	9.50	1.06	19163	8	2.01	606	1.6	602	1.5	234	2.5	6 x 10 x 20%	6	6 x 10 x 20%	6	6 x 10 x 20%	6	6 x 10 x 20%	6
14.5.21	10.00	1.92	19173	10	1.06	609	2.0	606	1.9	233	2.6	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6
17.5.21	11.50	2.02	19189	16	1.15	605	1.9	600	1.8	236	2.9	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6
18.5.21	9.30	1.99	19200	11	2.10	604	1.6	601	1.5	233	3.1	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6
19.5.21	9.30	1.08	19209	9	2.01	599	1.9	595	1.8	232	3.2	6 x 10 d. 15%	6	6 x 10 d. 15%	6	6 x 10 d. 15%	6	6 x 10 d. 15%	6
20.5.21	9.40	1.25	19219	10	1.06	610	1.8	602	1.7	234	2.9	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6
21.5.21	9.50	1.63	19231	12	1.09	604	1.2	600	1.3	230	2.8	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6
24.5.21	9.40	1.74	19248	17	1.70	609	2.0	602	1.9	232	2.5	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6
25.5.21	9.30	2.06	19257	9	2.02	610	2.0	605	1.9	233	2.6	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6
26.5.21	9.53	1.09	19265	8	1.09	609	1.9	601	1.8	235	2.9	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6
27.5.21	10.00	1.98	19274	12	1.14	604	1.8	600	1.7	232	3.0	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6
28.5.21	9.45	1.69	19288	11	1.32	603	1.9	598	1.6	233	2.8	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6
31.5.21	9.55	1.83	19298	10	1.96	600	2.0	595	1.9	234	2.7	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6	6 x 10 x 15%	6
1.6.21		19304																	
		Total	373																

50

Total

194

76

194

TNPL



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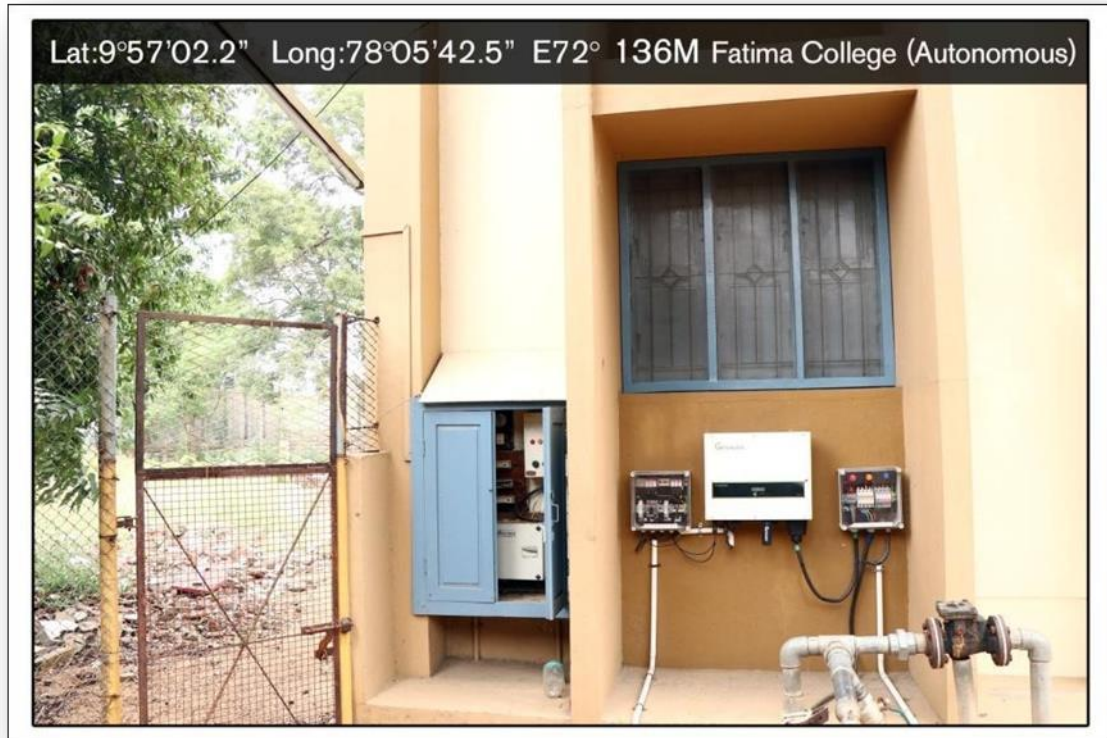
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Net Meter (Hostel)





4.Sensor Based Energy Conservation

S.No	Items Designed by UG Physics Students
1	Fully automatic motion sensor hand free sanitizer
2	Automatic light for rest room
3	Water tank overflow alarm
4	Fire alarm

Fully Automatic Motion Sensor Hands-free Sanitizer



Lat:9°56'53.2" Long:78°05'55.1" N19° 135M Fatima College (Autonomous)



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Fully Automatic Motion Sensor Hands-free Sanitizer



Lat:9°56'53.0" Long:78°05'55.2" N15° 138M Fatima College (Autonomous)



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5. Use of LED bulbs / Power efficient equipment

S.No	Block	Energy Saving Super fans	LED Lights
1	Admin Block Office	48	57
2	Admin Block Left Wing	65	107
3	Admin Block Right Wing	33	96
	Total	146	260



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List of LED Bulbs and Energy saving super fans in college Campus

Date: 18/07/2018

Site: Main Building, Fatima college, Madurai

Page 1

Fatima college supervisor: Mrs.Jansi

Fatima College Electrician: Mr.Anthony

Vayikskithi Project Manager: Mr.R.Jegatheesan

s/no	Room	LEDs	Fans	Remark
1	Arabic veranda	14	0	
2	SF office	10	0	
3	College office	12	14	
4	Principal	8	5	1 of the fan is X1 with remote
5	Vice principal	3	3	1 of the fan is X1 with remote
6	Secretary	3	2	1 of the fan is X1 with remote
7	Student rest room	1	0	
8	Lobby	5	1	
9	A8	1	4	
10	A7	1	3	
11	A6	1	3	
12	A5	1	3	
13	A4	1	2	
14	A1	3	3	
15	Rest room	1	0	
16	Veranda	3	0	
17	FI	2	4	
18	Ph.D room	1	1	
19	Chemistry Veranda	8	0	
20	Chemistry Staff Rest room	1	0	
21	Chemistry library	3	3	
22	Chemistry Physical chem lab	8	2	
23	Chemistry Chem staff room	2	3	
24	Chemistry chem lab-1	12	0	
25	Chemistry Prep room	3	0	
26	Chemistry Chem lab-2	3	0	
27	Chemistry Chem Gallery hall	5	4	
28	Physics veranda	3	0	
29	Physics Phy. Gallery hall	2	4	
30	Physics Phy.research lab	4	0	
31	Physics Phy.lab	32	16	
32	Physics Phy staff room	4	2	
33	FRM - veranda	5	1	
34	FRM staff rest room	1	0	
35	FRM lab	0	4	
36	Bio-chem lab	4	1	
37	Textile lab	12	3	
38	HSC staff room	5	3	
39	R4	4	3	
40	R3	3	3	
41	R veranda	8	0	
42	R2	3	3	
43	R1	8	3	

Verified By>Please sign with date):

Mrs.Jansi

Mr.Anthony

Mr.R.Jegatheesan



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Date: 18/07/2018

Site: Main Building, Fatima college, Madurai

Page 2

Fatima college supervisor: Mrs.Jansi

Fatima College Electrician: Mr.Anthony

Veyilsakthi Project Manager: Mr.R.Jegatheesan

Sl.no	Room	LEDs	Fans	Remark
44	Museum	2	1	
45	Bio lab-1	8	10	
46	Bio-store	3	1	
47	Bio.staff	2	3	
48	Bot.lab	7	6	
49	BL H2	1	3	
50	BL H1	2	5	
51	BL - varanda	4	0	
52	With elec. Mr.Anthony	6	3	
	Total	260	150	

List of LED Bulbs and Energy saving Super fans in Hostel

Block	LED lights	Fans
Amalita	55	45
Loretta	50	-
Marysown	22	-
Madona	22	-
Meritta	10	-
Pink room	6	-
Dinning hall	40	-
Common Toilets & Bathrooms	100	-
Office	6	2
Annunciata	15	-
Total	326	47



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LED lights and Energy Saving super fans in the Administrative Block





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LED Lights in Hostel



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Energy Saving super fans in Hostel



Lat:9°57'00.6" Long:78°05'44.7" NE48° 148M Fatima College (Autonomous)



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LED Lights in Indoor Stadium

