

: 7.1.2 – Alternate Source of Energy and Energy

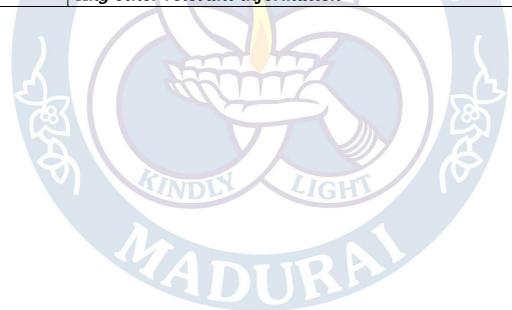
ConservationMeasure

Year : 2015-2020

Metric



7.1.2		
QnM	The Institution has facilities for alternate sources of energy and energy conservation measures (5)	
	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
	Options:	
	A. 4 or All of the above	
	B. 3 of the above	
	C. 2 of the above	
	D.1of the above	
	E. None of the above	
	Upload:	
	Geotagged Photographs	
	Any other relevant information	





: 7.1.2 – Alternate Source of Energy and Energy

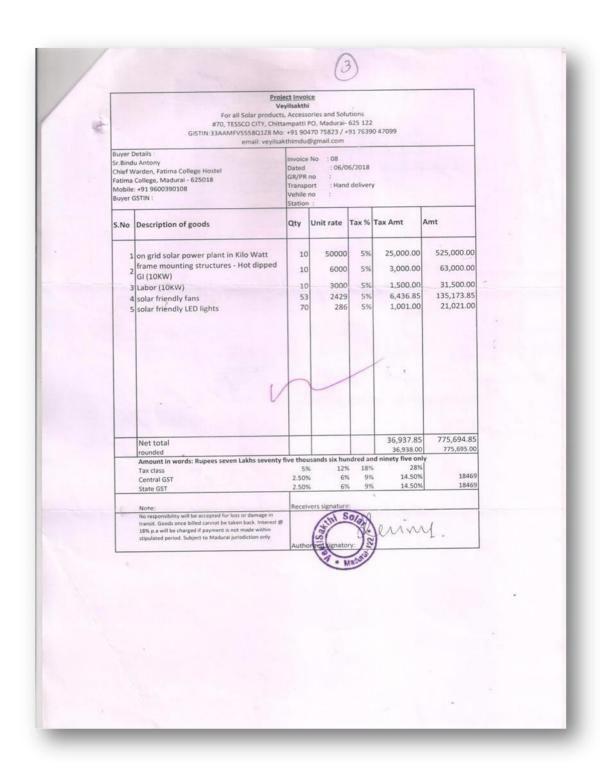
ConservationMeasure

**Year** : 2015-2020



## Bills for the purchase of equipments

## On grid Solar Power Plant (10KW)





Metric: 7.1.2 – Alternate Source of Energy and Energy

ConservationMeasure

**Year** : 2015-2020



## On grid Solar power plant (10KW) Receipt-1

	Veyilsakthi
17	(For all Solar Products, Solutions & Accessories)
//-	RO: #70, TESSCO CITY, Madurai-Melur Hi-way, Chittampatti PO, Madurai – 626 122
	GSTIN: 33AAMFV5558Q1Z8 Mobile: +91 90470 75823/ +91 76390 47099
	"வெயிலின் சக்டு புவியைக் காக்கும்"
	Date: 07/06/2018
	Place: Madurai
	Receipt
	We have received with thanks an amount of Rs. 5, ce, ood (Rupecs five lakhs only)
	From Warden, Fatima college histel, Madurai
	particulars of which Cheque No: 459003, Indian Bank, Koodan Nagar Br, datid 07/06/18
	Towards Project invoice number 08 dated dated dated and balance receivable is
	Rs. 3, 75, 695 (Two lakhs seventy five thousands bix hundred and ninely five on
	Truly,
	For Veyilsaktha
	Karumalai Malarvizhi



Metric: 7.1.2 – Alternate Source of Energy and Energy

ConservationMeasure

Year : 2015-2020



## On grid Solar power plant (10KW) Receipt-2

	Veyilsakthi (For all Solar Products, Solutions & Accessories)
	RO. #20 TESSCO CITY Madurai-Melur Hi-way, Chittampatti PO, Madurai - 626 122
	GSTIN: 33AAMFV5558Q1Z8 Mobile: +91 90470 75823/ +91 76390 47039
1 527	"வெயிலின் சக்தி புவியைக் காக்கும்"
-1.	
	1-1/12018
	Date: 20/06/2018 Place: Madurai
	Place: Modukas
1-30	Receipt
	We have received with thanks an amount of Rs. 1, 50,000/ One lake and fifty the wand & opens only
	From CHIEF WARDEN, FATIMA COLLEGE HOSTEL, FATIMA COLLEGE MADERA
	particulars of which cheque no: 459014, Indian Bank, Koodal Nagar Branch, dated 20/06/2018
	Towards Project invoice number dated
	Rs. 1.25,6967 one lake twenty five thousands sixty five only
	Truly,
	D .
	dering.
	Katarpalat Walarvizhi
	e os miss
	/



Metric: 7.1.2 – Alternate Source of Energy and Energy

ConservationMeasure

**Year** : 2015-2020



## On grid Solar power plant (10KW) Receipt-3

	Verillestate	
1	Veyilsakthi (For all Solar Products, Solutions & Accessories)	
-90	GSTIN: 224 ASSETTING	
	Mobile: +91 90470 75823/ +91 76390 47093	
	"வெயிவின் சக்டு புவியைக் காக்கும்"	
Date		
Place:	07.09.18.	
· race.	Fatime Hostel, Madurai.	
	Receipt	
14/- 1		2
vve nav	ve received with thanks an amount of Rs. 1/10,181 (	
From _	Thepu No: 75 7961, Indian Bank, Koodal Na lars of which fating colley botton	)
particul	land Bank, Koodal Na	Par Brance
	The Most Ed.	
Towards	s Project invoice number 08 dated 06.06.200, and balance receiva	
Rs. 1,10	01/81	ble is
-/	).	
Truly,		
Section 20	cyilsak.	
DI C	Luy	*
	Partner	
(arumalai	i Malarvizhi	
	· Malarvizni	



: 7.1.2 – Alternate Source of Energy and Energy

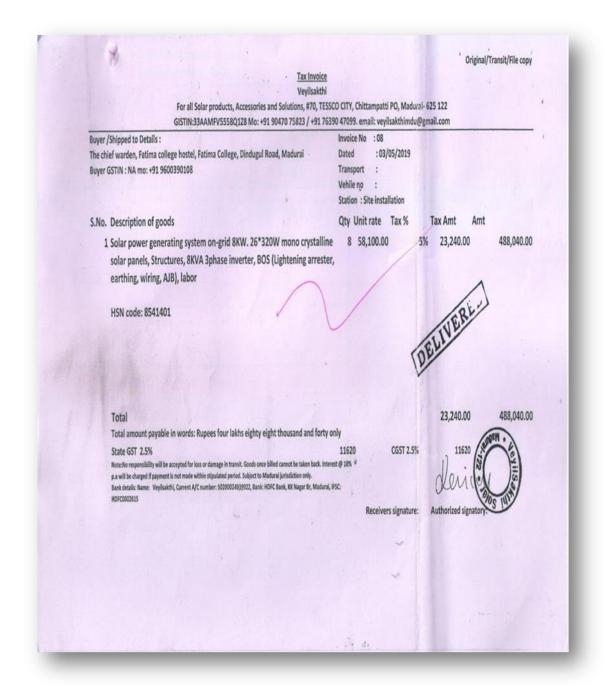
ConservationMeasure

**Year** : 2015-2020

Metric



# On grid Solar Power Plant Bill (8 KW)-Amalita Block (Hostel)





Metric: 7.1.2 – Alternate Source of Energy and Energy

ConservationMeasure

**Year** : 2015-2020



## On grid Solar Power Plant (8 KW)-Receipt (1)

1	Veyilsakthi
	(For all Solar Products, Solutions & Accessories)
	RO: #70, TESSCO CITY, Madural-Melur Hi-way, Chittampatti PO, Madurai – 626 122
	GSTIN: 33AAMFV5558Q1Z8 Mobile: +91 90470 75823/ +91 76390 47099
	"வெளிலின் சக்டு புவியைக் காக்கும்"
	Date:
	Station: Madurai
	Receipt
	Received with thanks, payment of Rs. 1,96,000 in words One lakh and
	The state of the s
	hinery six thomands only from The chief warden,
	C Fatima College, madwai
	Fatima College hostel, A towards Purchase order dated 27/04/2019 for Installation
	of Solar on axid Doule, Station of & Ku) at
	hostel premises. First installment
	Sor investor not of
	Payment details: dated: 03/ 5/19.
	Cheque number: 293624
	Bank name & Branch: Indian Bank, Koodal Nagar Br -
	Dated: 03/05/2019.
	For Veyilsakthi
	Partner



Metric: 7.1.2 – Alternate Source of Energy and Energy

ConservationMeasure

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## On grid Solar Bill (8 KW (2) )-Receipts

/	Veyilsakthi  (For all Solar Products, Solutions & Accessories)  RO: #70, TESSCO CITY, Madurai-Melur Hi-way, Chittampatti PO, Madurai – 626 122
	GSTIN: 33AAMFV5558Q1Z8 Mobile: +91 90470 75823/ +91 76890 47099 "வெயிலின் சக்டு புவியைக் காக்கும்"
	Date: 29/05/2019 Station: Madurai
	Receipt
	Received with thanks, payment of Rs. 281, 180/ in words Two lakh eighty two
	thousand two hundred and eighty only.
	from Chief warden, Fatima College hostel, Madurai.
	towards invoice Number 08 dated 315119
	as second payment in full.
	balance receivable amount as of date is - N)L -
	Payment details:
	Indian Bank
	Koodal Nagar Branch If S Code: 1D1B 000K150
	Date: 29/05/2019
	que no: 293648.
	For Veyilsakthi
	Por veynoatin
	Karumalai Malaruma ka
	Partner Partner



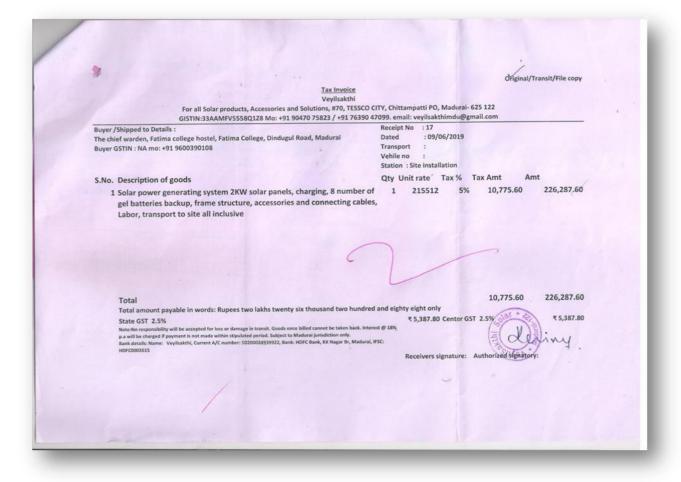
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ConservationMeasure

**Year** : 2015-2020



#### Solar Power Generating system (2KW)





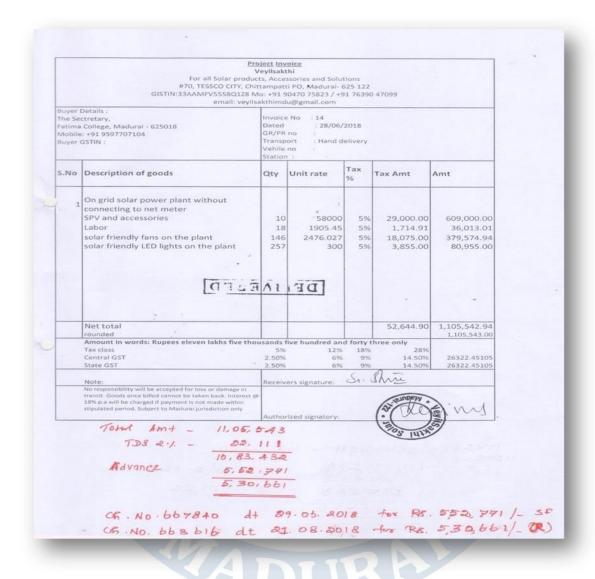
Metric: 7.1.2 – Alternate Source of Energy and Energy

ConservationMeasure

**Year** : 2015-2020



#### On Grid Solar power plant Bill





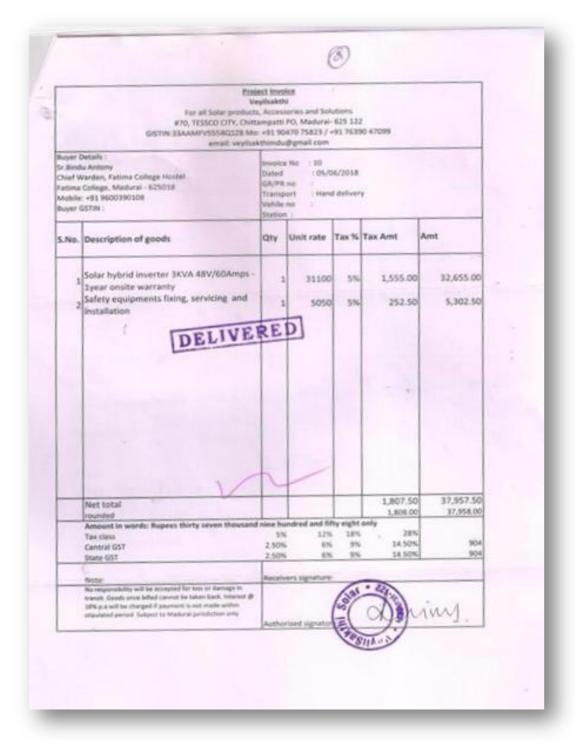
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**Year** : 2015-2020



## Solar Hybrid Inverter Bill





Metric: 7.1.2 – Alternate Source of Energy and Energy

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## Receipt of the solar hybrid inverter bill

	Veyilsakthi
	(For all Solar Products, Solutions & Accessories)
/=	RO: #70, TESSCO CITY, Madural-Melur Hi-way, Chittampatti PO, Madurai – 626 122 GSTIN: 33AAMFV5558Q1Z8 Mobile: +91 90470 75823/ +91 76390 47099
3	"வெயிலின் சக்தி புவியைக் காக்கும்"
/ .	1.1/2-10
	Date: 07/06/2018 Place: Madurai
	Receipt
	Properties by Seven Thousand
	We have received with thanks an amount of Rs. 37958 ( hine hundhed and fifty leght on
	We have received with thanks an amount of Rs. 37958 (Rupred thirty Seven thousand hime hundred and fifty eight on From Warden, Fertima College Loskel, madura
,	particulars of which cheque No: 459002 Indian Bank, knowled Nagar Br. Dated, 07/06/12
,	Towards Project invoice number 10 dated _o \( \frac{10 \land 2019}{2019} \) and balance receivable is
,	RsNIL - ( - NIL - ).
1	Fruly,
	For Veyilsakths
	Parther 1
,	Carumalai Malarvizhi
	(



Metric: 7.1.2 – Alternate Source of Energy and Energy

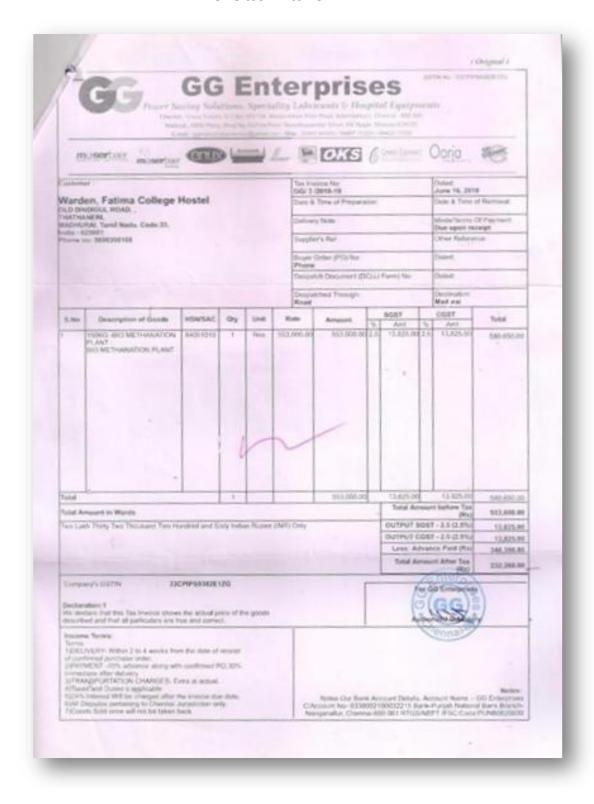
ConservationMeasure

**Year** : 2015-2020



#### 2.Bio Gas Plant - Hostel

#### Bio Gas Plant - Bill





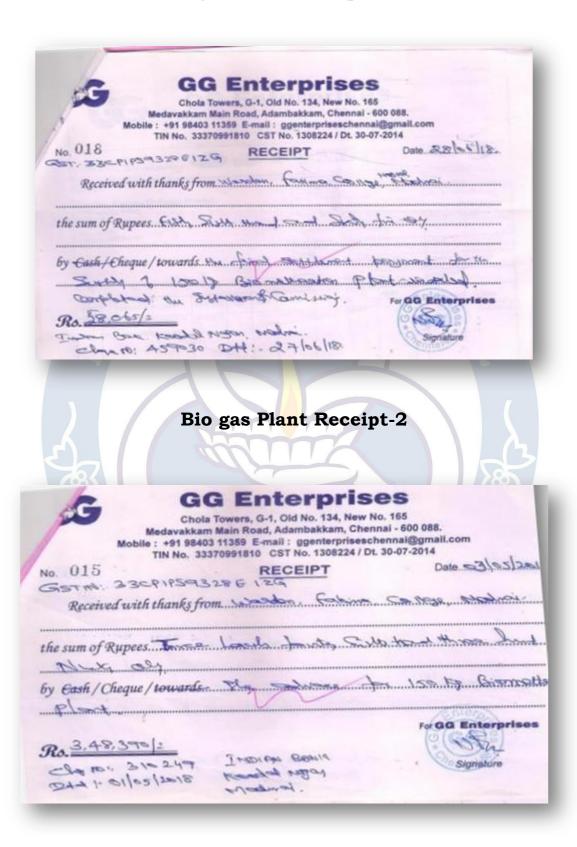
Metric: 7.1.2 – Alternate Source of Energy and Energy

ConservationMeasure

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#### Bio gas Plant Receipt-1





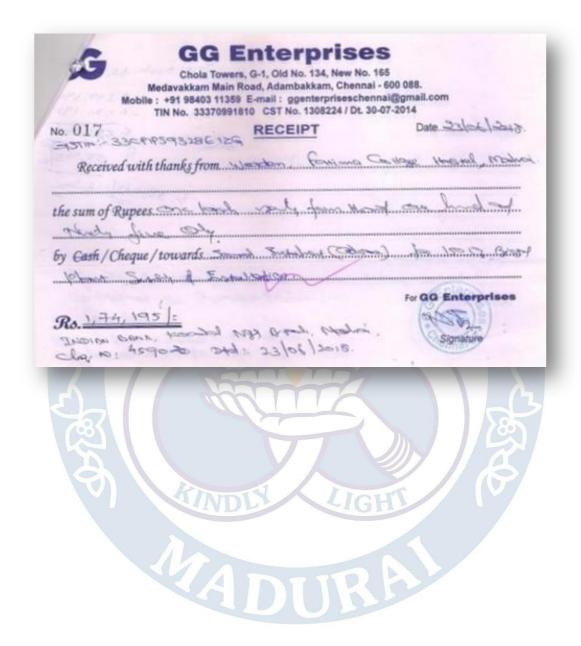
Metric: 7.1.2 – Alternate Source of Energy and Energy

ConservationMeasure

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#### Bio gas Plant Receipt-3





Metric: 7.1.2 – Alternate Source of Energy and Energy

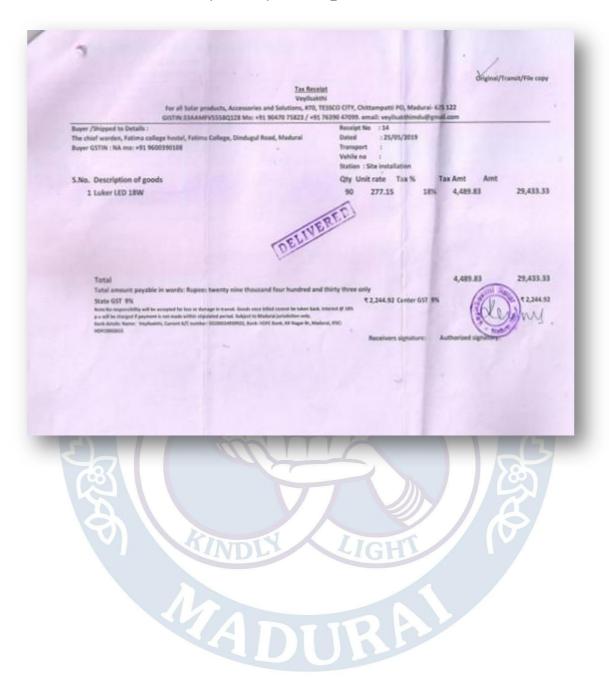
ConservationMeasure

**Year** : 2015-2020



## 5. Use of LED bulbs / power efficient equipment

## LED (18 W) bulb purchase bill





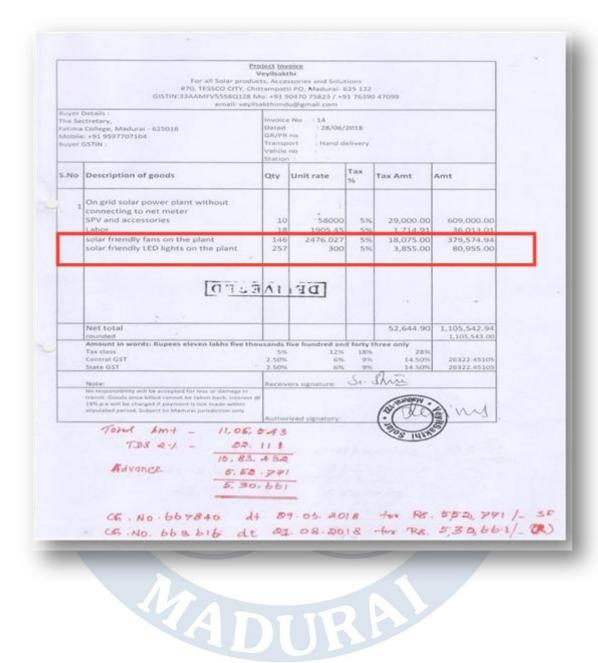
Metric: 7.1.2 – Alternate Source of Energy and Energy

ConservationMeasure

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#### Solar Friendly LED Bulb Bill (College)





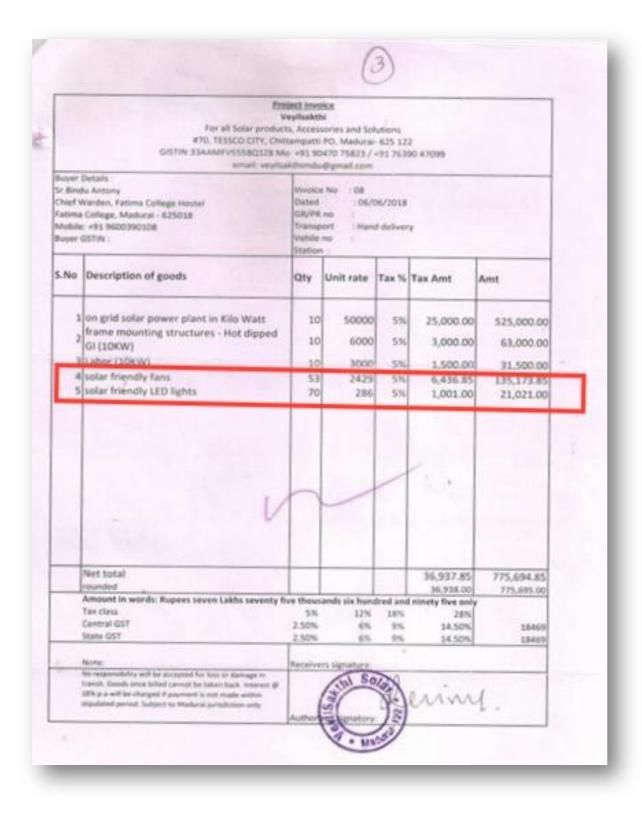
Metric: 7.1.2 – Alternate Source of Energy and Energy

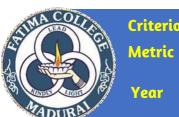
ConservationMeasure

**Year** : 2015-2020



### Solar Friendly LED Bulb Bill (Hostel)





: 7.1.2 – Alternate Source of Energy and Energy

ConservationMeasure

Year : 2015-2020



## Bills for LED Lights in Indoor Stadium Court Area

4	MEGGE	Project Clicat	PROPOSED CONSTUCTION OF INDOOR STADIUM FATIMA COLLEGE (Autonomous)	Date Estimate by Checked by	09-11-17 MKK SAS	Approved by
4		Convoltant	MELQUE Consulting Engineers Pvt. Ltd. B.C.C Framed Structure	Hav No.	HI	SAMV
benn	Unit	Quantity	Description of work	Rate	Per	Amount
			PART-1 COURT AREA LED LIGHTS WORK			
$\neg$			Description			
		-1	Fixing of pipe lines and wires			3,32,000.00
		2	Light Fittings			49,512.00
		3	Fixing of LED lights			3,33,984.00
		_	FIXIng of Switch Box and Switchs			52,512.00
-		_	Total (Round off)			7,68,000.00
$\neg$	_		(GNT 12%)	_		92,160.00
$\dashv$	-	_	(431,123)	1		
-	-	_		/		
			Total Amount	<		8,60,160.00
			ADVANCE PAYMENT	40%		3,44,064.00
			AFTER RECIVIED MATERIALS	40%		3,44,064.00
-			AFTER COMPLETION OF WORK	20%		1,72,032.00
				1	1	
				280	No	Elmin.
				-	The same	May 1
		2	Pagment _ But 4.064		1	
			TRE A - 6.081			
			0			
			(63) X37.18B			
		BICK	1. 19192			
		06 - N	. 663026 dt 10.11.201V	for 90	3571	85/-
		-0-5			1200000	



Metric: 7.1.2 – Alternate Source of Energy and Energy

ConservationMeasure

Year : 2015-2020



#### Details of Indoor Stadium LED Bulbs Fixation.

1		Project	PROPOSED CONSTUCTION OF INDOOR STADIUM	Date	09-11-17	Approved by
-(0)	MELQUE	Client	FATIMA COLLEGE (Autonomous)	Estimate by	MKK SAS R1	SAMY
4		Consultant	MELQUE Consulting Engineers Pvt. Ltd.	Checked by Rev No.		
	W1 - 14	Structure	R.C.C Framed Structure			
Item	Unit	Quantity	Description of work	Rate	Per	Amount
1			Fixing of pipe lines and wires			
-		-	Supply and laying of 1" dia pvc pipe for carrying	-		
			ORBIT wires for LED lights over the side walls			
			as per Engineer Direction			
a	Rft	920.00	For pipe lines	88.00	Rft	80,960.0
b	Nos	24.00	For orbit wires	10460.00	Nos	2,51,040.0
2		-	Links Vissians			
			Light Fittings Supply and fixing of Drives for light specific			
а	Nos	24,00	connected load 0.20 W/Sqft.	2063.00	Nos	49,512.0
3			Fixing of LED lights			
-			Supply and fixing of (HYBEC EB-9727 - 200W			
а	Nos	24.00	LED) light specific connected load 0.20 W/Sqft.	13916.00	Nos	3,33,984.0
-			Including all fixtures as per Engineer Direction			
4			Fixing of Switch Box and Switchs			
	Mac	24.00	Supply and fixing of switch Box. Including all			
а	Nos	24.00	fixtures as per Engineer Direction	2188.00	Nos	52,512.0
			TOTAL AMOUNT			7,68,008.00
$\neg$				/	_	
$\neg$				(		
					11	CHONES OF
	_				Juny /	TECTURE TO
-			(2)		DYS	100 May 3
-			((0,2)	4	18/1	C 31C 11-12-72-10
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Metric: 7.1.2 – Alternate Source of Energy and Energy

ConservationMeasure

Year : 2015-2020



## Receipt of LED lights bill (Indoor Stadium)

5.0				
М	FLOUE Consulti	ng Engineers Pvt. I	td	
171		Nagar, RC School Opposite		
		endal, Madurai – 625 107.		
	Email: arocki	asamy@live.com		
Offi	ce No. 0091 452 439106	9, Mobile No. 0091 962639	90002	
	RE	CEIPT		
Receipt No. R2017 RI		Date:5	11-2017	
Received with thanks	from FATIME	COLLEGE	***************************************	
the sum of Rupees	THREE LAKHS T	HIRTY SEVEN TH	dna zugt	
ONE HUNDRE	D AND EIG	HTY THREE OF	only	
		Date		
to the production of the state	Charles and the control of the contr	COST OF CE		
		ONT SOF STHE		
			AND THE STATE OF T	
	- 1			
Rs. 3,37,18	3/-			
(This Receipt is Valid	Subject to realization of	Cheque / Draft)		
		For MELQUE Consulting	ng Engineers Pvt. Ltd.	
		For Melque Consulting	Engineers Pyt. Ltd.,	
			hours	
	(102)		Director	



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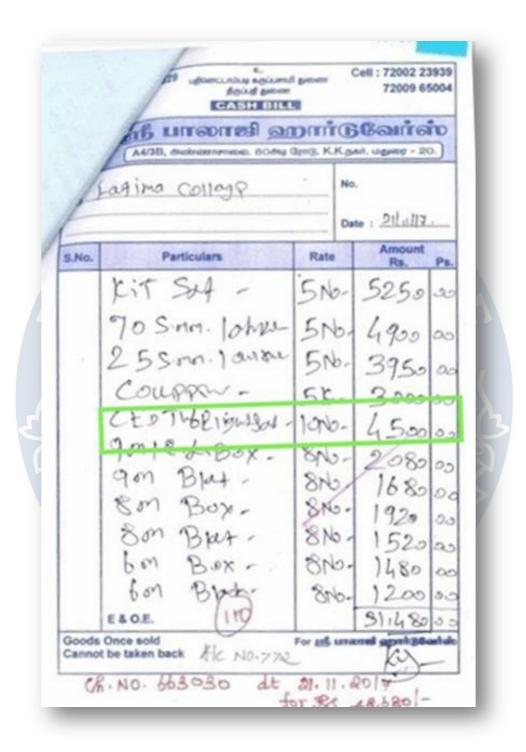
ConservationMeasure

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Metric



## **Bill for LED Tube Lights**





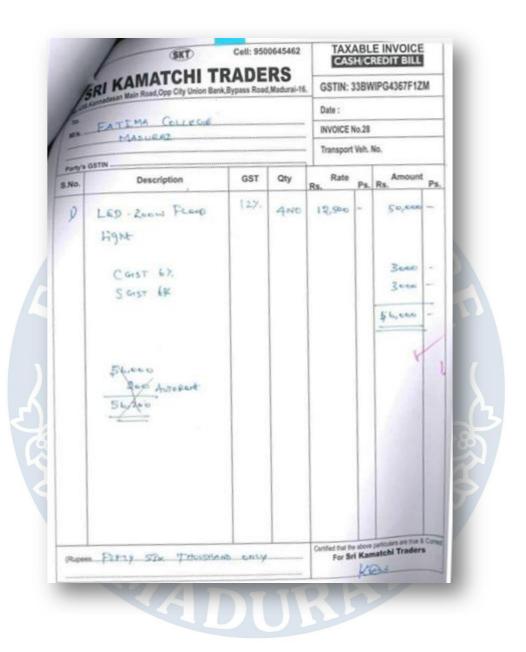
Metric: 7.1.2 – Alternate Source of Energy and Energy

ConservationMeasure

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## Bill for LED 200W Light





Metric: 7.1.2 – Alternate Source of Energy and Energy

ConservationMeasure

**Year** : 2015-2020



#### Summary of Energy saving activities from Energy Audit report.

