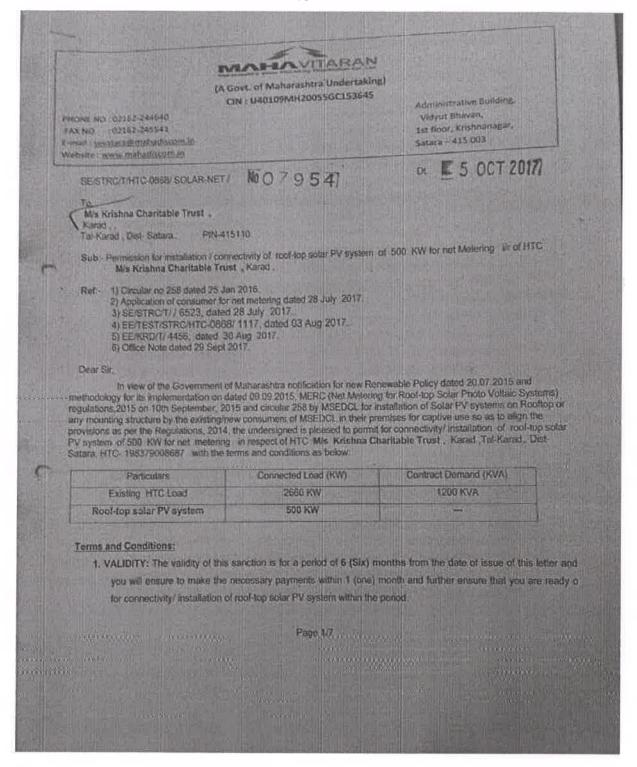
1. Solar Energy

Solar Approval Letters





energy exported as credited Units of electricity as specified in the Net Metering Regulations, 2015, If the exported energy is less than the imported energy, the Eligible Consumer shall pay the Distribution Licensee for the net energy imported at the prevailing tariff approved by the Commission for the consumer category to which he belones.

27. Connection Costs:

- a. The Eligible Consumer shall bear all costs related to the setting up of the
- b. Roof-top Solar PV System, excluding the Net Metering Arrangement costs.

28. Dispute Resolution:

Any dispute arising under this Agreement shall be resolved promptly, in good faith and in an equitable manner by both the Parties. The Eligible Consumer shall have recourse to the concerned Consumer Orievance Redressal Forum constituted under the relevant Regulations in respect of any priovance regarding billing which has not been redressed by the Licensee:

All conditions as per MSEDCL 258 & MERC regulation regarding Roof Top solar set metering is binding on this sanction.

This is only Permission for installation of roof-top solar PV system for net metering, after the payment of all the arrears/recovery of the connection & completion of all formalities as above & MSEDCL rules & regulation 25%, release for the connectivity (synchronization) of Roof top system with MSEDCL gird will be given

29. Load Sanction Estimate No.: Sanction No. SE/STRC/T/RT/Solar/ (19-20)/ Estimate is technically sunctioned for Rs. 55630's under DDF,

Thanking you

Yours faithfully

LC Superintending Engineer Satara Circle

Copy to:

I. The Executive Engineer, MSEDCL, O & M Division, Friahan Submit WCR report

after finalisation of accounting of the material installed & the know should be installed near Main gate.

2. The Executive Engineer (STRC-Testing), MSEDCL, Testing Division, Saturn...................................submit the pre-release report & test the motor as per MSEDCL Roles & regulation.

* Manager (STRC-F&A). MSEDCL, circle office Sature..... for information & needful please.

4. The Dy. Executive Engineer, MSEDCL, O&M Sub-Division, Karad R. H. S'On.

Scanned by CamScanner



(A Govi, of Makarashtra Umbertaking) CIN: D40H0MHI2085SGC153C45

PHONE NO 102163 214540 FAX NO 100100-01550 Committee of the second second second Webne was reductive to

Office of the Superintending Engineer Apprication the library Video Peterial, In Spec Krishnamagur Sauru - 418 003

Name 2 4 JUN 2019

No. SESTROTHTC OSCINITING metering Solar (19-20)

m0 1 474

Mrs agreem Charge No Trial New (Means of Boot book) Tal, Kirse Dec. Smus HIC- IS TOUREST

Sale - Parmirroon for connectivity installment of roof-top solar PV system of 400 6.00 for natmetering in the MS Krisho Charlette Tran New Obrice of Rand Karne Val. Same Livy, Same 1775-198379000887

Ref - 1) Comme no 258 th 25 mt Sa.

- 2) Application from consumer on Dr. 20 (2.2018.

 3) SE STREMATIC ARX Spherical materials (0.38) Dr. 21 (2.2018)
- SEISTROMATIV 2008 Sale activities of the 18 to 2018
 Epit DSTRING Mercolife 2008 800 to the 2019
- 6) CEXED/TECHESterment/50 DE 25/33/2014

in these of the Conservation of Mahamatatra are them on the new Revenuence Policy dates 20,05,2013 and methodology for ast impromodation on the dIR 09 2015. MERC IN. Metering for Rect-top Solar Photo-Volum Systems) regulations 2015 on 10th September, 2015 and cloudly 288 by MSEDGL for nutrillation of Sale PV systems on Rosefuse or any manufact constant by the existing new consumers of MSEDCL in their premises for captive trie so as to align the processors of per the Regulary of 2014, the understand is exceed to period for connectivity installation of modicing noise PA synthetic state will fee not necessing as the AUS. Review Charlests Test Non-Dichmon Road Karal Dr. Kara, Vol. Salam CIC 1087 VX0887 for address as membrand about well the sector and conditions at Selpin .

Particulars	Connected Lond (KW)	Contract Denund	(KAN)
Cristing Lead	2660	1200	
Roof-top Solar PV system	500		

Terms and Combitions

1 VALIDITY: The subday of this senation is five a period of 6 (Six) amount from the date of issue of this letter and you will easier to make the necessary payments within a (one) syouth and further ensure that you are ready o by connectivity assultation of successy under the session within the

2 PATERIAL E

24 AT CONSIDER ON DR. MISEDOL Communical Circular 258 dated 25 Jan 2016 & MERC regulation regarding Roof Top motories and the solutions are desirious and solution.

- 36. This is only Permission for installation of mottop solar PV system for net. Metering, after the payment of all the directive security of the committee & completion of all terminities as above 8 MSEDCL rules & regulation 258 holouse by the coveredney (Synconorization) of Roof top system with MSEDCL gird will be given peparately.
- 31. As per MESC: ASSEDCE resolution single turn is applicable for your HT power supply. [HT-IX-B]
- 32. Estimate is technically sanctioned for Rs. 1,23,050/- under DDF. Sanction Eath, No. SESTING T.MT SOME ANETT-18/ \T______DE
- 33. Total Payable amount

1.3 % Supervision Charges + Testing charges + GST = Rs. 10,150/- as per detailed estimate sheet attached.

Thursday you

Your's faithfully

(Sanjay B. Sale)

SuperIntending Engineer STRC

1. The Executive Engineer,

MISSOCL O & M Division, Karad. For information & needful please.

2 The Executive Engineer

MISEDCL, Testing Division, Setura. For information & needful please

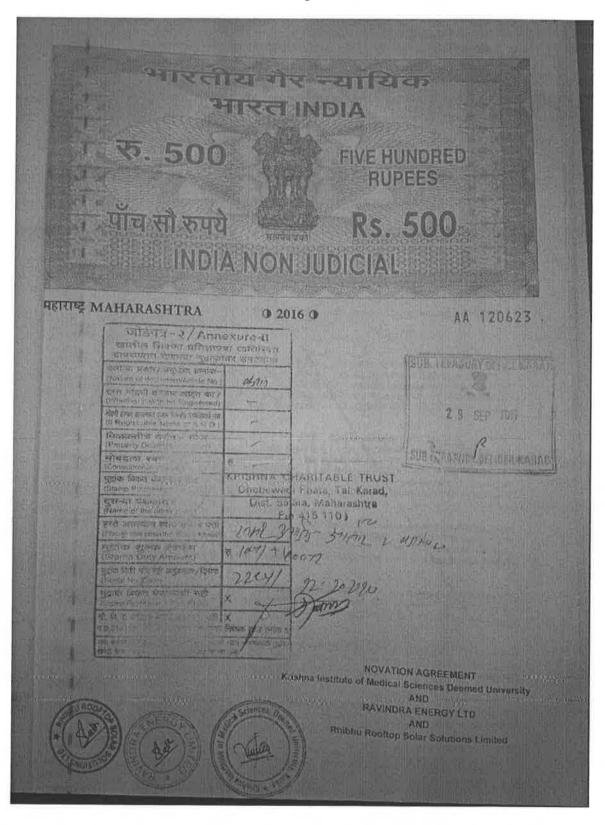
3 The Manager (F&A),

AUSEDICA, Circle Office, SATARA...... For information & needful please.

4. The Dy Executive Engineer;

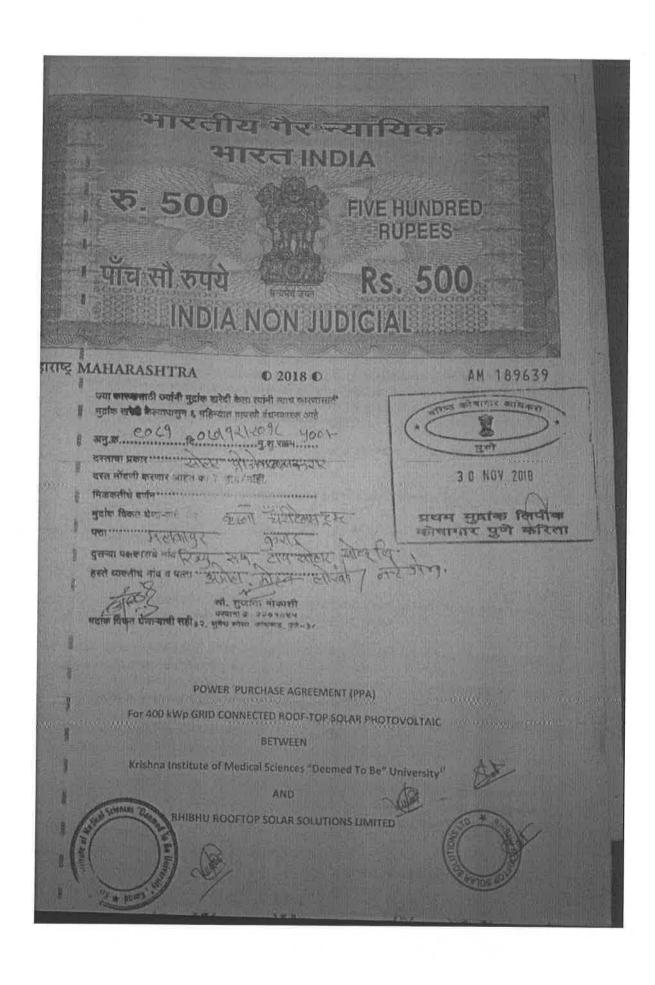
USEDEL O & M Sub-Disson, Karad-R & S.On. For Information & needful please.

Page 7/7



This Novation Agriculant lane "Agreement") is executed on tidal by and an onget Kristina tristitute of Medizal Sciences Deemed University, an Institution declared as Dazmed University to Government of India which is spendage by Krama Chamble Tries is Public Chamble Tries in Public Chamble Hasapour, Tal Karat Daster Satars through its authorized senatory Dr. Mukumda V Grospede researcher referred to as Purchaser which expression shall enters repurpant to the context or messaling theseof, include its succession and permitted assigns) of the FIRST PART. RAYINDRA ENERGY LTD, a company registered under the Companies Act, 1856, having its registered office shaded at BC-109, Davidson Road, Camp. Belagavi, Karnaraka 590001, haroigh its authorised oppresentative Shir Shortenu Lath (heroinafter referred to as "Transferor which expression phall, unless repugnent to the context or meaning thereof, include its successors and permitted assigns) of the SECOND PART. Rhibhu Rooftop Sotar Solutions Limited, a Company Registered under the Companies Act, 1956 having the registered office situated BC+109 Davidson Road Camp Heisgavi, Karnstaka through its authorized representative Shir Shantanu Earth (hereinafter referred to as "Transferce" which expression shall, unless repulpment to the context or meaning thereof, include its successors and permitted transgret Each of the Purchaser, Transferor and Transferor shall hereinafter be referred to individually an a "Party" and collectively as the "Parties". WHEREAS The Transferor is engaged in the business of building and operating power plants, including grid consisted roottop power projects. The Transferor and the Purchaser half entered and a PowerPurchaser Agreement (PPA) dated Jone 12, 2017 whoreby the Transferor was required to Install and operation a solar photocoltain power plant of 500KWp capacity at the designated premises of the Purchaser and supply solar power to the Purchaser on the terms and conditions of the PPA. In exercise of its rights under Glause 14.2 of the PPA, the Transferor hereby mends to transfer all its rights, laculities and obligations under the PPA to the Transferee and has intimoted the Purchaser of the same Accordingly, with effect from the Execution Date the Transferorwishes to transfer by novation to the Transferorand the Transferore wishes to accept the transfer by novation to all rights liabilities duties and obligations of the Transferor under and in respect of the PPA and the Purchaser hereby acknowledges and accepts such novation of PPA in favour of the Transferor. the Transferee With effect from the Execution Date, the Transferor desires to be released and discharged from further certainmence or obligations of the seld PPA and the Purchaser has agreed to release and discharge the Transferor upon the terms that the Transferor shall undertake to perform and fulfill such obligations under the PPA and to be bound by the terms, conditions, and stipulations thereof. mentioned therein NOW THEREFORE, in consideration of the foregoing and relying on the mutual representations, warrantes covenants, indemnities and agreements and other good and valuable consideration, the receipt, adequacy and sufficiency of which are hereby acknowledged, the Parties, intending to be legally bound, hereby agree as follows: On and from the Execution Date, the Transferee undertakes to be bound by the terms and conditions, undertakings, stipulations, representations and without the Transferee and without the PPA in place of contained in the PPA in place of On the Execution Date, the Purchaser shoeps the liability of the Transferee to perform the PPA in lieu of the Justiny of the Transferor. However, in case of feature of the Transferor to purform and complete the assignment/work in terms of PPA for whelsoever reason, the Purchaser had a paint to claim or demand the fulfillment of all or any of the terms of PPA forms and secondly assigned the Transferor and Transferor in that case the Transferor shall be bound to fulfill the assigned in the terms of PPA. The Purchaser further confirms that it shall continue to be bound by the terms and conditions, undertakings, suppliations, representations and warrantes of the Purchaser as continued to the Miscellaneous

This Approment may be executed in counterparts, each of which when executed and deworld shall be an original but together shall be executed one and the large sestrument. All notices requests, wavers and other communications made pursuant to this Agramment shall be as writing and signed by or on behalf of the Party giving it Such solice shall be served by sending it by facsimile to the number set forth below of delivering by hand, e-trail mail or counter to the address set forth below in each case it shall be marked for the attention of the relevant Party set forth pelow. If to the Transferor: Mr Prasad Shindolkar B.C 10a Davidson Road Camp, Belgavi-590001 prasad shindolkar@ravindraenergy.com 491-331-244-3225 Attention Address Email Telephone if to the Purchaser. Or Mukunda V Ghorpado Near Dhebawadi Roari Karad District Salara- 415110 registrar@kimsuniversity.in Attention Address Email Telephone 02164-241556 If to the Transferee: Mr Prasad Shindolkar Address: B.C 109 Davidson Road Camp. Belgavi- 590001. Emails prasad shindolkar@ravindraenergy.com +81-831-244 3225 Talephone A Party may change or supplement the addresses given above, or designate additional addresses, for purposes of this Clause by giving the other Parties written notice of the new address in the manner set forth above. This Agreementarid all questions of its interpretation shall be governed in the manner mentioned in the PPA. Any disputes or differences arising out of or in connection with this Agreement shall be resolved in the manner provided in the PPA. IN WITNESS WHEREOF, the Parties have entered into this Agreement the day and year first above Western For and on behalf of Krishna Institute of Medical Sciences Deemed Ravindra Energy Ltd University Authorized signatory Authorized signatory Name: Dr Mukunda V Ghorpada Name. Shortanu Lath Commission of the commission o Rhibhu Rooftop Solar Solutions Limited



This Power Purchase Agreement is executed on 1987-12 / 2018 atkared, District Satura

pristing Institute of Medical Sciences Deemed University, ha Institution declared as Deemed University, by Government of India, which is sponsored by Krishna Charitable Trust, a Public Charitable Trust registered under the Bombay Public Trust act 1950, having it's office near Dhebewadi Road, Malkapur, Tal. Karad, District Satarattirough its authorized signatory Dr. Mukunda V Gliorpade(hereinafter referred to as "Purchaser")

Shibhu Rooftop Solar Solutions Limited, a Company Registered under the Companies Act, 1956 having its registered office situated t BC-109 Davidson Road Camp, Belagavi, 590 001 Karnataka through its authorized representative Shri Shantanu Lath (hereinafter referred to as "Power Producer" which expression shall, unless repugnant to the meaning or context hereof, be deemed to include its successors and assigns)

The Purchaser and Power Producer are each individually referred to as a "Party" and collectively as the "Parties".

WHEREAS:

- The Power Producer is engaged in the business of building and operating power plants, including grid connected rooftop power projects;
- The Power Producer has agreed to install and operate a solar photovoltale power plant of 400kWp capacity at Krishna Institute of Medical Sciences Deemed University's campus in Karad ("Premises") after due. inspection of the Premises as defined hereinafter and supply the entire Solar Power of the Project to Purchaser on the terms and conditions contained in this Agreement;
- C. The Purchaser has agreed to purchase the entire Solar Power of the Project on the terms and conditions contained in this Agreement

NOW THEREFORE in consideration of the mutual promises, conditions and covenants set forth herein, the Parties hereby agree as below:

Definitions and Interpretation

1.1 Definitions

In addition to other capitalized terms specifically defined elsewhere in the Agreement or unless the context otherwise requires, the following words and phrases shall be defined as follows:

- a) "Actual Monthly Production" means the amount of energy recorded by the Main Metering System during each calendar month of the Term, pursuant to Section 5.2;
- b) "Affiliate" means with respect to any specified Person, any other Person directly or indirectly controlling, controlled by or under common control with such specified Person.
- c) "Agreement" means this Power Purchase Agreement executed hereof, including the schedules amendments, modifications and supplements made in writing by the Parties from time to time.
- d) "Applicable Law" means, with respect to any Person, any constitutional provision, law, statue, rule, regulation, ordinance, treaty, order, decree, judgment, decision, certificate, holding, injunction, registration, license, franchise, permit, authorization, guideline, Governmental Approval, consent or requirement or any Governmental Authority in India having jurisdiction over such Person or its property. enforceable by law or in equity, including the interpretation and administration thereof such Governmental Authority.
- e) "Assignment" has the meaning set forth in Section 14.1:
- 1) "Business Day" means any day other than Sunday or any other day on which banks in Maharashtra are required or authorized by Application in the closed for business:

Earthing and Protection

Make

: Matrix/True Power/ Eccsysm/JEF

Type:

: GI flat 25x3 mm size.

Earthing Material

: Earthing electrodes, chemical filled, 2 meter, 5 mm thick, 50

mm diaGI pipe with back fill compound

Earthing Resistance

< 5 Ohms for each pit and <1 Ohm for grid line</p>

Main Junction Boxes

As per the requirement and shall meet all the latest MSEDCL/MNRE/SECI guidelines and IEC standards

Main Junction Boxes:

As per the requirement and shall meet all the latest MSEDCL/MNRE/SECi guidelines and IEC standards

LT Panel:

As per the requirement and shall meet all the latest MSEDCL/MNRE/SECI guidelines and IEC standards

Lightning & Surge Protection

Make

: JEF/True Power/Ecosysm

Type

: ESE type with 5 meter GI mast shall be provided to cover the building area

Protection

: As per Indian Electricity Act for safety and IEC 62305

Miscellineous

SCADA system

string level monitoring included

Safety Equipment's

Pire Extinguisher CO2 type, 4.5Kg Capacity 15 15683 ISI Mark

Fire Extinguisher DCP type, 5Kg capacity IS 15683 ISI Mark

Fire Bucket with Sand

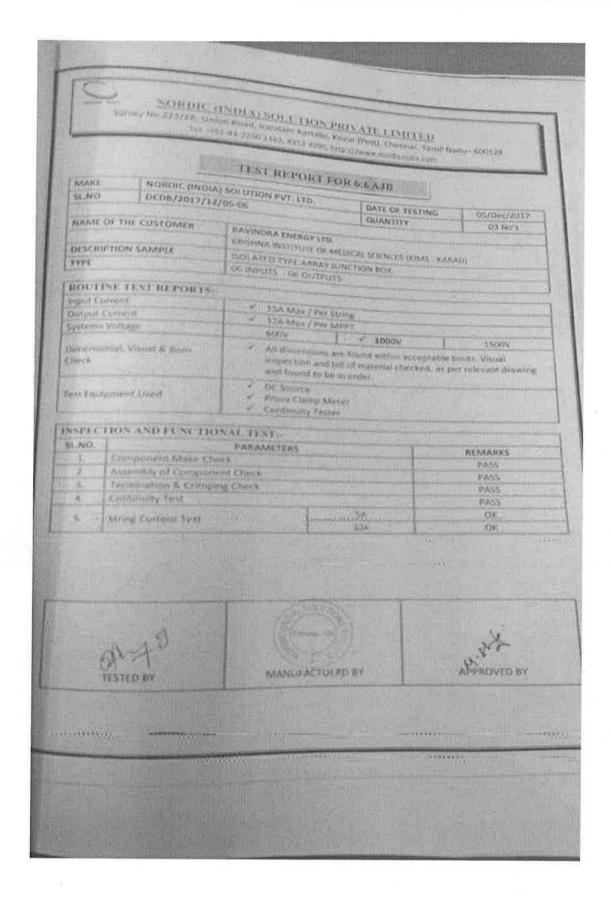




32

Solar Test Certificates

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3		1.46 billion 7	323 987	48.357	9.311	37.418	8.660		20.876
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9		196-27017	322,611	46.198	9.153	37.219	8 068 8 668		F6.5034
14)		1.45-979(G). 1.46-979(M	323.583	A6,239	9.544	38.224	0.522	0.9% 6.7%3 0.773	115,850
- 13-		1.0097866	974 h90 924 h76	46,159 46,159	9,159	#2,859. #2,355	8.700	0.721	16,504
13		1.480970017	925.216	48.197	9.115	37,35%	# 866		15.5%
2.4		14697651	3/11/07	96,222	9,158	37.283	X // 90	0.963 F) 748	36.826
16		14697828	324.388 324.389	46,136	92185	37,360	8,994	0.267	10.857
16		169753	222 703	46.124 86.118	9.100	37.974	8,648	0.783	111790
14		L4697633	324,345.77	46 132	9,10h 9,165	37,866	8.679	0.76R 0.76F	36,832
19	HER PLANT	14697183 14697189	328 498	66.166	5.141	37,249	0.695	0.767	16 951
20		3469/210	324,511 0.54,274	46,383	9.180 9.181	57.022	8,014	0.763	10.011
21		14697740	323.277	46.397	9.150	37,484	8.700 8.624	6.702	16.639
		1.8697245	323,704	481.9345	0.111	\$7,970	15.004	0.7%4	16.3%5
24		14697273	324,111 321 366	46.163 46.069	9:377 6 (996	87.193 67.203	8.715 8.618	D. FES	16.882 16.799
25		10097709	323 526	46 141	0.351	37.189	V.700	0.246	
27		18097800	333.94(1)	46.160	9.151	37.200	8.661	11.766	14,621
28		14697617	923 (949	46.200	9.161	37.234	8.617	13-363	14.558
29		14714653	322.793	45.153	9/127	37.138	6,672 8,691	0.760	26.874
30		14774849	3.22.901	All 196	4.184	17.272	8 663	0.741	16,619
33.		14714590	370,479	45,047	9.151	37.264	9.600	0.763	36.693
83		14714596	323,723	40.184 60.247	9.175	37,953	M EAST BLESSA	0.764	16,893
34	I SOCIETION I	14714513	423.750	46:162	9.202	AY.1174	18.696	0.762	19,304
35		Idrianio	120.823	45.984	0.198	39,548%	8.564	12.75%	10.710
35		10714440	333,676	45,447	9.190	37,156	#.484	0.753	36.691
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99	Market Market	3,473,4385	222,735	46,364	9 725	37.106	N,GHI	83/75A	36,812
40		10714186	323.546	46.070	9.753	30.582	8.695	0.766	15.749
41.		14714743	931.459 337.859	46.110	9.176	37.084	E-670	0.761	16.751
42		14719024	320,649	46.110	9.181	37,230	8.670	0.763	\$16.7(12
44		14713597	#20.1*)	#6.302	0.102	37.106	8.50B	0.761	35,629
AS		14719678	324,438	46.244	9.213	30 atis 36 ans	8.657	0.762	\$1,000
46		14713683	330 340 331 831	46,017	9.180 9.261	96,975	8.700	0.758	16.764
47		14713684	322.477	46 162	9.147	37.3=3	8.355	0.764	\$6,797
AS		16713695	824.512	40.361	9.185	37.363	N.L.KE	0.764	36.90
50		14713729	224.700	46.190	9.170	37.523	8.492	0.766	16.893
81		1471 (80)1	324.427	46.334	9.300	77,35%	#200 #200	0.764	36,650
52	Fall Spinish St	14715402	273.27A	46.334	9.153	57.35%	8.600	0.764	31.83
53	100	14713847	\$23,758	46.103	9.257	17,205	8.675	0.760	1.6 93
S-A		14711957	323,745	46.086	9.177	37,316	8.676	0.763	16.86
45		24719892	871,673	A6.067	9.200	37,957	8.684	-0.750	16.79
56		147500A8	8.30° 5914	A6.064	9.103	37.357	0 SMI	0.764	26.75 36.79
38		14750044	322 324 522 524	86.333	0.081	37.480	6.608	0.770	19.90
59		1,4780534 3,6250526	322.016	46.327	9/18/1	37.987	8.617	0.760	39.27
50		34705780						(1)	





FACTORY TEST REPORT

RATING 50KW SLNo. 0392112017 MODEL: SOTU - 503 DATE: 28-11-2017

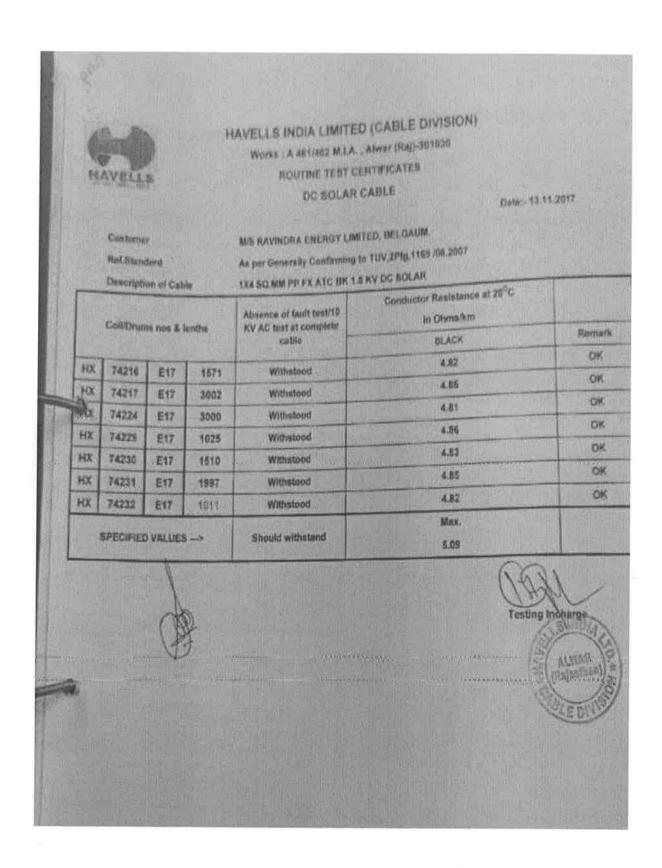
Contomer Name: RAVINDRA ENERIGY LTD

SI	Darwoiatare	Test Requirement	Test Result		
		INPUT DC	50000W		
4	DC Power	50000W			
2	MAX DC Voltage	1000V	1000V 250V - 950V		
3	MPPT Voltage Range	250V - 950V	820V		
4	Nominal Voltage	620V	350 V	1	
5	DC Start Voltage	>250V	27A*3		
6	MPPT Max Current	36A13 Max	150	1	
	NAME OF THE OWNER	OUTPUT AC	49150W	1	
7	AC Output Power	50000W	400V AC		
8	Nominal AC Voltage	400V.AC	320V - 480V		
9	AC Voltage Range	320V - 480V	50Hz		
10	Nominal Grid Frequency	50Hz	47.5 Hz - 52 5Hz		
15	Grid Frequency Range	± 5Hz		W	
-	Rated Output Current	72 A Max	71.2 A		
5,715	Voltage THD in%	<3%	2.6% THREE PHASE		
-	THE RESERVOIS ASSESSMENT OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO I	THREE PHASE	(RYB+N+E)		
4	AC Connection	(RYB+N+E)	98.30%		
5	MAX Efficency	25.50 Managaman	www.mananananananananananananananananananan	10	
	Consumption: Stand By /Night	<10W	9W		
		ENVIRONMENT DATA			
	voise Level	≤ 60 db	s 60 db	-	
	Cooling	Forced Air Cooling	Fan Provided		
	P-Protection Data	IP 65	IP 65 Provided		
dig late		COMMUNICATION			
Tu	CO Display	Display all parameters	Provided		
	terface Port	RS-485	Provided		

Tested By

Approved By

		TENT REPORTS	YOR HUBBAR	Tarres No.	
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11/13			Provide Contract of the Contra		
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	TION AND FUNCTION				
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HAVELLS INDIA LIMITED (CABLE DIVISION)

Works: A 461/462 M.I.A., Alwar (Raj)-301030

ROUTINE TEST CERTIFICATES

XLPE CABLE

Date: - 13.11.2017

Customer

MVS RAVINDRA ENERGY LIMITED, BELGAUM.

Ref. LS.

7098(Pt-1)1988 with upto date amend.

Description of Cable

4CX 25 SQ MM 2XFY 1.1 KV CABLE

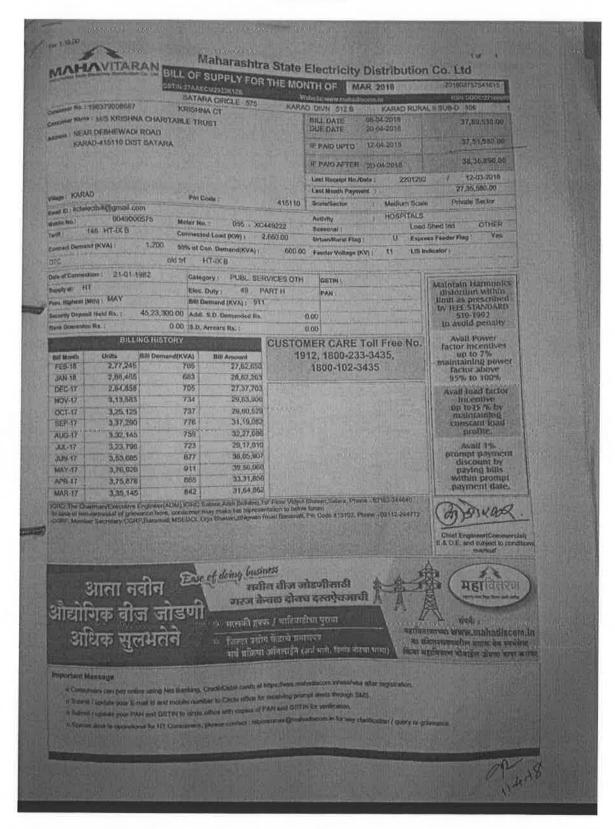
Drum no Le		Length	High Voltage Test at 3 KV A.C.for 5 minutes	C	in Olin		o ^o c	Remark	
			(In Mts)	for each connection	RED	YELLOW	BLUE	BLACK	
НХ	23465	A17	1090	Withstood	0.713	0,712	0.715	0.712	OK
НХ	23465	B17	300	Withstood	0.715	0.711	0.713	0.714	OK
X	22896	E17	37	Withstood	- 0.712	0.715	0.712	0.713	OK
нх	22896	A17	36	Withstood	0.714	0.713	0.714	0.715	- OK
нх	23481	E17	251	Withstood	0,711	0.712	0.712	0.712	OK
НХ	23481	A17	251	Withstood	0,715	0.714	0.713	0.714	OK
нх	23288	E17	260	Withstood	0.712	0.712	0.714	0.711	OK
нх	23288	A17	155	Withstood	0.713	0.715	0,713	0.712	OK
нх	23288	B17	154	Withstood	0.714	0.712	0.711	0.714	OK
нх	22895	E17	90	Withstood	0.712	0.715	0.713	0.714	OK
		= 4 4 6			Max.	Max.	Max.	Max.	
	SPECIFIED			Should with stand	0.727	0.727	0.727	0.727	

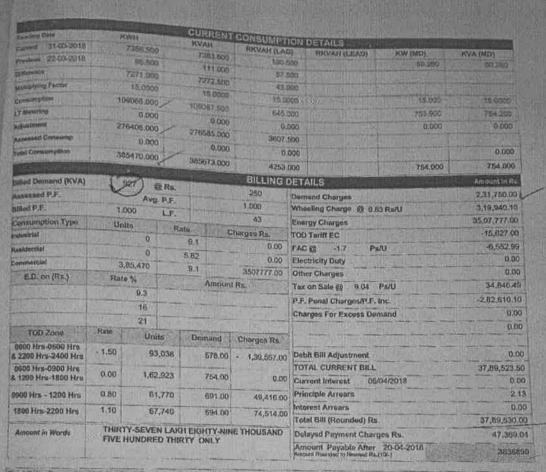


Testing Incharge

Solar Energy Generation Bills in MSEDCL

March 2018





Total Solar Generation Units: 18692;Rooftop Solar Units Export : 0, Import : 385470, Adjusted : 0, Bank : 0;Rooftop Solar Capacity : 500 KW;Rales for Int. On Arra, revised w.e.f. 01/04/2002; Cr Adj. Rs. 27/06 of type PROMPT PAYMENT DISCOUNT Included in arreans; PROMPT DISCOUNT Rs. 37547 IF PAID ON OR BEFORE 12 APR-18;

Tertif Revised w.e.f 01-94-2017

Refor to Gorgidor

E.

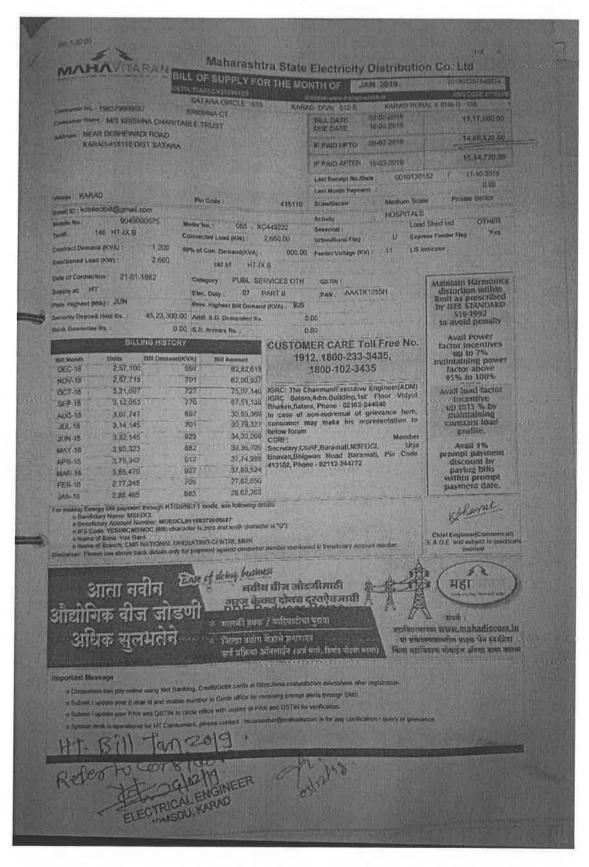
CONDITIONS

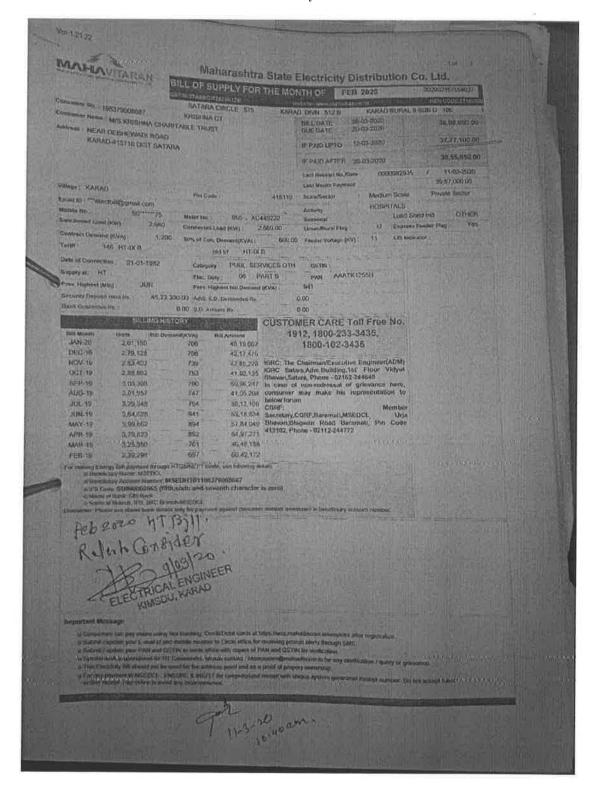
- The total bill amount of the bill may be remitted by a Creased Detect Orat/Cheque drawn in favor of "Maharanhara State Electricity Distribution Co. Utd."

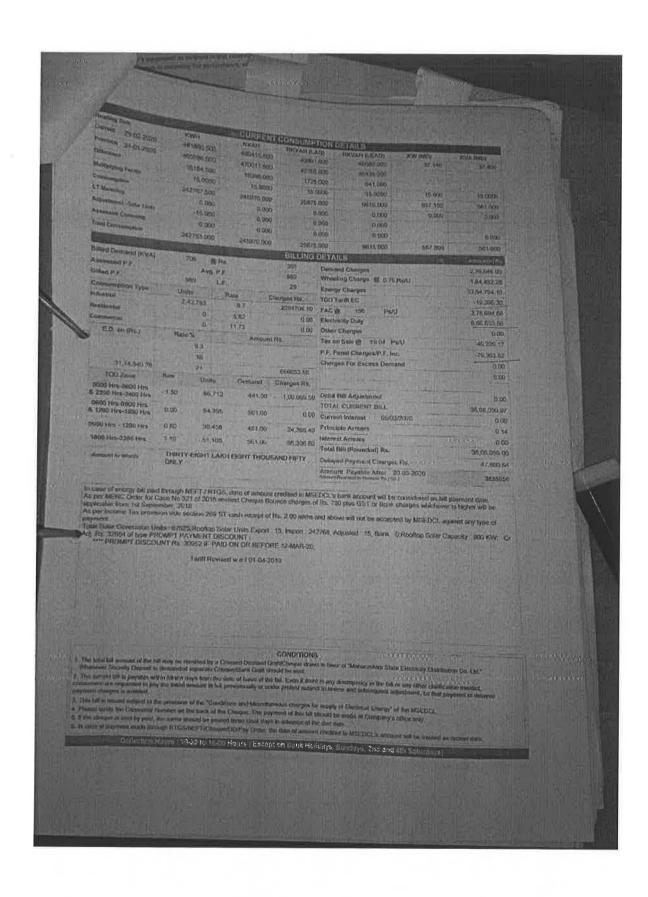
 Whenever Security Deposit is deviateded separate Cheque/Bank Druft should be sort.

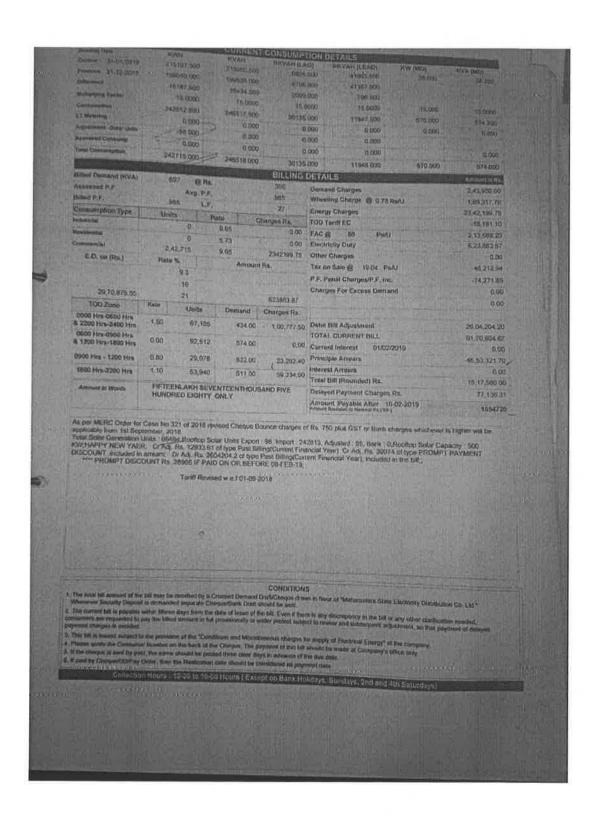
 The curves bit is anywhite worse fifther days from the date of issue of the bill. Even if there is any discrepancy in the bill or any other clarification needed, incurred bit is anywhite worse fifther days from the date of issue of the bill. Even if there is any discrepancy in the bill or any other clarification needed, incurred are represented to pay the billed amount in full provisionally or under protest subject to review and authoroperate situations, so that payment of delegations.
- 2. This bit is assign subject to the provision of the "Conditions and Miscollaneous charges for supply of Electrical Energy" of the company 4. Please quale the Consumer Number on the back of the Chagain. The payment of this bit should be made at Company's office only.
 5. If the chagae is anot by post, the same should be posted three dear days in exhance of the due date.
 6. If paid by Chiegos CYDPay Only: then the Resilication date should be considered as payment date.

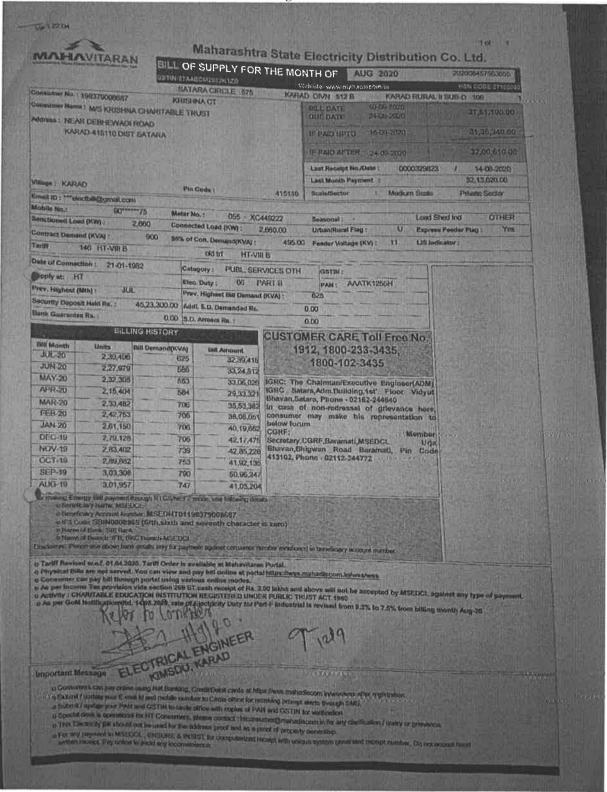
Collection Hours : 10-30 to 18-00 Hours (Except on Bank Holldays, Sundays, 2nd and 4th Saturdays











Reading Date	i Berney	THE COLUMN	CU	RREN	TCONSUMP	CO.				
Current 31-08-2020		CMH	K	HAV	RKVAH (L	TON E	ETAILS		STATE OF THE PERSON NAMED IN	
Previous 31-07-2020		73707.500			54500	DOO NW (MD)		KW (MD)	KVA (MD)	
Difference:	No.	56146,000			5334	000.	47217.000	39.700	39.960	
Multiplying Factor		15851.500			1247	000	256,000			
Consumption			A STATE OF THE OWNER,		15.	0000	15,0000	15.000		
LT Meterlog	234772.500				18705	.000	3670,000	595.500	15,0000	
Adjustment -Sola Units		0.000				0000	0.000	0.000	599,400	
Assessed Consump		-1276,000 0.000		.000	0.000		0.000			
Total Consumption		0.000	BULLETIC			0000	0.000		0.000	
	2	33497,000	234	4870.000	18705	.000	3870.000	596,000		
Billied Demand (KVA)			a de la	50 ()	BILLING D	ETAILS	The second secon	oac.cou	590,000	
Ssessed P.F.	200	599	Rs.		611	-	nd Charges	-	Amount in Rs	
Billed P.F.		Avg.	COLUMN TO STREET		.995	5 Theresander	ing Charge @ 0.57	Q=N1	2.45,189.00	
Consumption Type	STREET, SQUARE,	Toleran Co.	LF.		35		Charges		1,33,761,00	
nduntrial	Un	No. of Lot, Lot, Lot, Lot, Lot, Lot, Lot, Lot,	Rate			TOD Tariff EC		22,24,571.60 -28,690.10		
Pesidontial	10 A 2	34,670	9.48		2224671.60	FAC (E) 0 Ps/U			0.0	
Ornenergial		0	5.7		0.00	Electricity Duty			5,40,903.8	
E.D. on (Rs.)		0	11,47	11 16	0.00	Bulk Consumption Rebate			0.0	
CD. On Ires	Rate			Amoun	t Rs.	Tax on	Salo @ 19.04 Ps	N	44,457.8	
A NO.	nel jarr	7.5		1000		Increm	ental Consumption	Rebate	0.0	
25,75,732.40		16	200			The second second	os For Excess Dema		0.0	
	Rate 1	21			540903.80				0.0	
TOD Zone	PCATE	Units	Dar	mand	Charges Rs.					
0000 Hrs-0600 Hrs 2200 Hrs-2400 Hrs	- 1.50	70,2	206	388.00	- 105309.00	Debit I	Bill Adjustment		0.0	
0600 Hrs-0900 Hrs					100,000	TOTAL	CURRENT BILL		31,61,094,0	
1200 Hrs-1800 Hrs	D.00	86,6	507	589.00	0.00	Curren	t Interest 07/09/	2020	0.0	
900 Hrs - 1200 Hrs	0.80	30,7	46	599.00	24598.80	Princip	le Arrears	Section and the	28	
1800 Hrs-2200 Hrs	1,10	47.1	11	444.00	51822.10	Interes	t Arrears			
				(B11925)	2010	Total E	ill (Rounded) Rs.		31,61,100,0	
Amount in Words	HUNDE	Y-ONE LA	KH SIXTY-(ONE TH	OUSAND ONE	Delaye	d Payment Charges	Rs.	39.513.6	
	No.		TERM LIME				it Payable After 24 cunsed to Nearest Fix (10/4)			
		10/15	The Mark		100	Parisas A 10	desired to (econor; ter (sep.)	BAR TO	320061	
				00000		IIIII IN TO THE		70 61 7 61		
tal Solar Generation Un D KW; Roottop Solar in										

CONDITIONS

- The lotal bill sensor of the bill may be remaited by a Crossed Demand Dyaffichague drawn in layer of "Meterasiders State Electricity Distribution Co. Ltd."
 Whenever Security Deposit is demanded separate ChaquesBank Draff should be sent.
 This current bill is populate within filters days from the date of issue or the bill. Even if there is any discrepancy in the bill or any other chartfloation needed, resources are required to by the billed envolut in bill provisionally or under profess subject to review and subsequent adjustment, so that payment of delay symbol charges is avoided.

- This bill is assued subject to the provision of the "Conditions, and Misoethaneous charges for supply of Electrical Energy" of the MSEDICL.

 Please quote the Consumer Number on the back of the Charges. The payment of this bit should be made at Company's office only.

 If the charges is sort by prest, the same should be posted there clear days in advance of the dan radio.

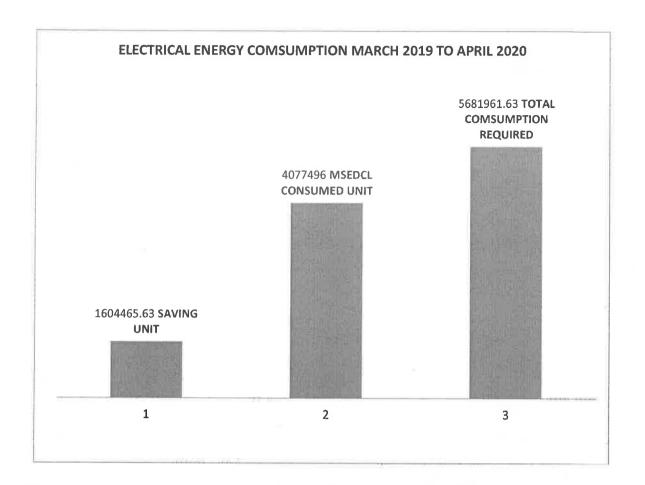
 In case of payment made through RTGS/NEFT(Chequatital/Pay Quoter, the data of services creates to MSEDICI's account will be treated as receipt data.

Collection House: 19-36 to 15-50 Hours (Except on Bank Holldays, Sundays, 2nd and 4th Saturdays

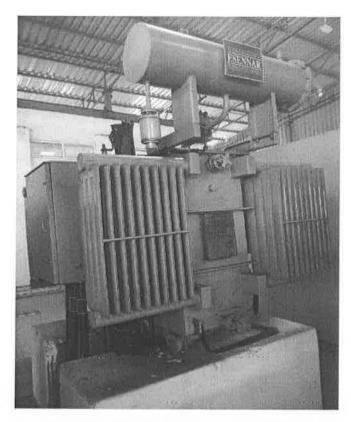
Renewable Energy and Green Growth in KIMSDU, Karad. April 2019 To March 2020

Achievement of Energy Saving In Year April 2019 To March 2020 at KIMSDU Karad.

	Energy Saving in April 2019 To March 20	20
Sr. No	Description	Consumption / Kwh/ Saving
1	Total Solar Unit Generation / Saving	728280
2	39 Watt LED Light, Qty - 21 From Sept 2015, Saving	130962
3	Solar System 10 Kwp Unit Generation / Saving	14167
4	Energy Efficient 750 Kva trans, Install, May 2016 Saving	21900
5	Installation of APFC Panel, Saving	190943.1
6	Hybrid solar System 35Out put Kw-Input 10Kw, Saving from May 2017	39087.85
7	International Hostel Led Lights, Total 7 Kw, 0.4 D. F x 6 Hours, May 2017 saving 80%	4435
8	VRV System 148 HP, Saving 20% against regular AC ((Kw 110x Df 0.4 x 300) x 20%)	13248
9	Inverter Ac installation Tr-saving 10% of regular AC 61 +17 AC (Year 105600unit consumption - saving 10%)	10560
10	Tube Light (4500 Nos) X 40 = 180000 Watt, ie. 180 Kwh/ hr X 10 Hr	24522
	TOTAL Electrical Energy SAVING UNIT	1178104.98
	MSEDCL USED UNIT	4077496
	Unit Consumption Requirment	5255600.98
	Saved Carbon (Co2) in Environment-	1000211.12
	0.849 Kg / 1 Unit ie. Co2 emmision	



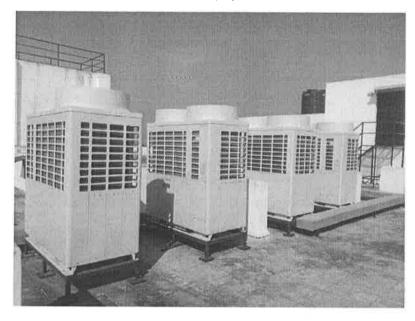
750 KVA Energy Efficient Transformer – May 2016



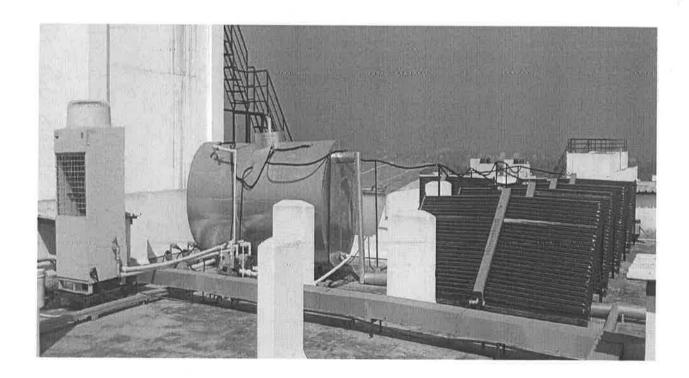
Installation of APFC Panel, May 2016



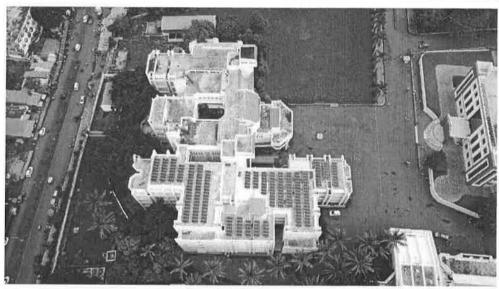
Internal VRV (AC) System..148 HP.



Hybrid solar System Output 35 Kw- Input 10Kw, from May 2017





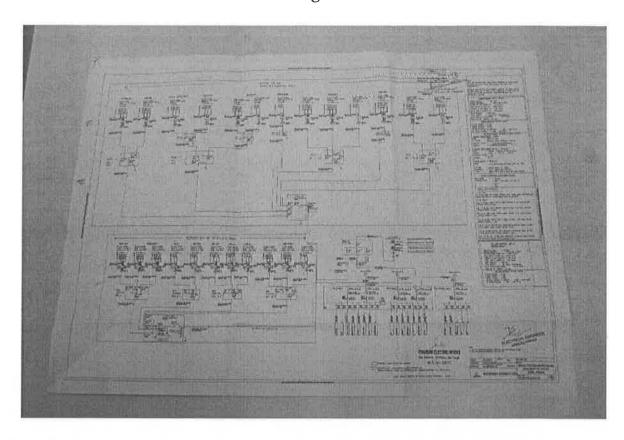








2. Wheeling to the Grid



MAHARASHTRA STATE ELECTRICITY DISTRIBUTION Co. Ltd.



O & M CIRCLE, SATARA

Superintending Engineer

Vidyut Bhavan, Administrative Bldg. Krishna-nagar, Satara Phone: (02162) 244640(0), 246015 (P) ; Fax: 245541,Email-sesutara@ymail.com

No. SE/STRC/T/HTC-0868/Addl Load/Case No. 24(15-16)/ 1 1 8 4 0

Dat 21: 6"OCT 2015

To, M/s . Krishna Charatable Trust Gat No. 261/2C/12, Dhebewadi Road Malkapur,

End olde 26 April 2016

Tal-Karad, Dist-Satara

Sub: Sauction of additional load HT power supply to the extent of 2660 KW Connected Load with 1200 KVA Contract Demand on existing 11 KV voltage level , HTC- 198379008687.

Ref: - 1) Your application for additional of load submitted to this office vide letter No.1366, dt.10 Sep 15 2) EE/KRD/T/8659, dated 30 Sept 2015.

3) SE/TQA/HTC/AEEII/No. 01263, dated 07 Oct 2015.

Dear Sir,

Please refer your application mentioned above, wherein you have requested for additional power supply to the extent of 1200 KVA Contract Demand for your unit situated at Gat No. 261/2C/12, Dhebewadi Road ,Malkapur ,Tal- Karad, Dist- Satara_HTC- 198379008687.

In exercise of the powers delegated to company as per Electricity Act 2003, we are pleased to sanction additional power supply 1110 KW as Connected load with Contract Demand of 300 KVA (Totaling 2660 KW Connected Load with 1200 KVA Contract Demand).

The load sanctioned is as follows:

1	Connected Load(KW)	Contract Demand(KVA)	Purpose
Existing Load	1550 KW	900 KVA,	
Additional Load	1110 KW	300 KVA	Hospital
Total	2660 KW	1200 KVA	

The Competent Authority has accorded approval for the sanction of power supply as above to the following subject to the following conditions and shall be released after compliance of the said conditions, wherever processes. wherever necessary.

1) General condition:

- a) As per your request, the Competent Authority has approved additional load of 300 KVA Contract Demand (totaling 1200 KVA C.D.) on 11 KV voltage level .
- 0 48 b) The CT ratio of Main metering and Check Metering shall be commensurate to the sanctioned load (if applicable).
- A Check meter shall be provided in series with the Main meter at your premises with separate CT's & PT's. The cost of the Check Meter along with CT's & PT's will be borne by MSEDCL. The drawing and the location of C.T. & P.T. and Check Meter shall be decided by S.E. (TQA), Pune in consultation with S.E.Satara Circle, MSEDCL. In case of urgency MSEDCL can ask you to provide the same & give the refund at MSEDCL's normative rates (if applicable).
- d) You shall pay the Service Connection Charges, Additional Security Deposit etc. as may be payable in accordance with existing provisions, prior to release of the additional load.
- e) All statuary clearances/approval as may be necessary shall be obtained by you from difference concerned Authorities, Including the Chief Engineer (Electrical), P.W. Department, and Government of Maharashtra before release of new / additional load.
- f) You shall also abide to pay any other charges as may be leviable for this sanction (including the S.L.C.) as may be decided by the Competent Quasi Judicial/ Judicial or any other Statutory Authority.
- g) Any increase or any additional expenditure if any, for any reason will be borne totally by you (consumer).
- h). All the statutory permission, NOC etc will have to be arranged by you (Consumer) prior to release of this new / additional load.

You will have to give an undertaking /affidavit on Rs.200/- stamp paper for the above conditions before release of power supply.

Page 2/6

2) VALIDITY:

The sanction as above shall be valid for a period of six months from the date of Issue of this letter. You should ensure to make all necessary payments within one month and should also make all other arrangement, to receive power within the validity period.

You will have to avail the supply within three months on the Intimation about Company's readiness to give power supply to you, failing which you shall be liable to pay charges as per rule.

The Company reserves the right to revalidate the power sanction subject to the conditions prevailing at the time of revalidation.

3) PAYMENTS:

The various payments, as follows will have to be made by you.

Sr. No.	Particular	Amount Payable(Rs.)	1
1	Service Connection charges	41500/-	
2	Application Processing	1700/-	1
3	1.3% supervision charges	4855/-	1
4	Security deposit [Addl]	12,14,400/-	(
5	Cost of stamped agreement forms	440/-	
6	Testing charges for CT/PT&Transformer/(Misc.)	41040/-	_
v	TOTAL Rs.	13,03,935/-	
			ij

Rs.Thirteen Lakhs Three Thousand Nine Hundred & Thirty Five Only.

Please note that the payment against above are payable by you by way of RTGS/NEFT only.

Bank Details are as follows:-Account Name- MSEDCL Satara.

Name Of Bank-Bank Of India , Powai Naka, Satara

Bank A/C No. 130820100000199

IFSC Code — BKID0001308, A/C Type- CD & you must send RTGS/NEFT details through SMS on cell No. 7875768531.

[SMS details- 1)Name of the consumer 2)Sanction Order No & Date 3) Amount Paidagainst New Conn/Add Load.]

- 4) SUPPLY VOLTAGE: This additional load of 1110 KW Connected load with 300 KVA Contract Demand alongwith existing load will be supplied on existing 11 KV voltage level.
- 5) INSTALLATION: The installation/drawing arrangement for power supply shall be subject to the approval of concerned Electrical Inspector, Public Works Department, Government of Maharashtra.

Page 3/6

- SUBMISSION OF DOCUMENTS: You shall submit following permissions /no Objection
- certificates/other documents (as per applicability) before release of supply: (As applicable from following).
 - Clearance/NOC from MIDC
 - NOC/Consent of MPCB
 - NOC from Environment Department, Government of Maharashtra.
 - Power of Attorney by way of a Resolution passed by the Board of Directors for putting Common Seal of the Company & Signature of the Director.
 - Manufacturer's test certificate of equipments.
 - Test Report of Electrical Contractors, along with list of machinery.
 - Permission from the concerned Electrical Inspector, Government of Maharashtra.
 - Authorisation for signing documents on behalf of the Company.
 - Any Such other documents/Certificate/permission as may be directed by Chief Engineer Baramati zone, MSEDCL, Baramati,/ S.E. Satara, MSEDCL, Satara.

00

- 7) METERING: The metering shall be according to the specification as below [Main & Check] Compact KIOSK type of approved make 3ph , 4 wire(AMR compatible having RS 232 port) indoor type with CT 11 KV, 75/5A, 0.2s Class, 10VA, single core single ratio & PT 11 KV/110V, 0.2 Class, 50 VA Burden ,single core single ratio.
- 8) POWER FACTOR: You shall maintain the power factor of your load within the limits as prescribed by the MSEDCL in conditions of supply, as may be applicable from time to time and you shall be liable for penalty for violation of the said provisions in accordance with the provision of tariff as may be determine by MERC.
- 9) HARMONICS CONTROL: You shall ensure that total harmonics generated and injected in MSETCL/MSEDCL system by your load shall not be more than 3% and individual harmonics shall not be more than 1%. Any default on your part shall be corrected immediately . You will have to submit the harmonics analysis report within 3 (three) month from the date of release of additional load.
- 10) VOLTAGE VARIATION CONTROL: You shall provide necessary static 'VAR SOURCES' of fast response to avoid voltage flickering due to your load and shall maintain voltage variation within +/- 1%,
- 11) AGREEMENT: You will have to enter into agreement with MSEDCL.
- 12) CONDITIONS OF SUPPLY AND TARIFF: The power supply shall be governed by the prevailing provisions of the MSEDCL's Conditions of supply & prevailing tariff as may be applicable in this regard and shall further be subject to such other provisions as may be prescribed by the MSEDCL from time to time.

Page 4/6

- 13) G-7 FORM: You shall maintain necessary information regarding energy consumption, Maximum Demand recorded etc on a day to day basis in the format as prescribed by the MSEDCL and shall produce the same on demand/shall handover to every month to authorized representative of the MSEDCL at the time of meter reading.
 - 14) POWER RESTRICTION: The power supply shall be governed by the load restrictions orders as may be prescribed by MERC/ Government of Maharashtra from time to time. You shall also observe & follow the staggering Holiday/Load Shedding day as informed to you.
 - 15) The Transformer capacity should commensurate with your Contract Demand of 1200 KVA and capacity should not exceed 1500 KVA and it is to be got tested from our Exe. Engg. Testing at manufacturer's premise before dispatch to site.
 - 16) This load sanction is subject to work completion by you as per itemwise estimate sanctioned along with this load sanction order.
 - 17) ACCEPTANCE: You shall submit your acceptance in writing to the above terms & conditions of power supply and acceptance letter, to this office, in case of any doubt/difficulty, or if any clarification is required, you may contact to this office on any working day during working hour.

You are requested to note the requirements/formalities carefully and arrange to comply, deficiencles, if any, before making payment in your own interest so as to avoid any inconvenience/delay at the time of release of power supply to you and ensure prompt payment to enable MSEDCL to proceed further.

Thanking you,

Yours faithfully,

[Suresh L. Gineshkar]
Superintending Engineer
O&M Circle SATARA.

Copy Swrsto-

W

The Chief Engineer,
MSEDCL Zone Office, Baramati

.....For Information please,

Copy f.w.c.to

The Superintending Engineer

T.Q.A. Ganesh Khind , Pune

.....For information please.

Page 5/6

3. Use of LED bulbs/ power efficient equipment



KRISHNA INSTITUTE OF MEDICAL SCIENCES "DEEMED TO BE UNIVERSITY", KARAD DECAMERIUM 3 of UCC Act. 1936 and a Notification No. 6,9 15/2001 U.3 of the Ministry of Human Resource Development. Governor Science 20, 2016 (Augustian Science 20, 2016). Solorio (Mahapushira Stota) Pin: 415 (10 fel: 02)64 -241555-8 Fox: 02164 (242170/241410 Websife: www.klmsdeamad.university.in

KIMSDU/CMS/ 505/2018

Date. 01/11/2018

Purchase Order No.505

To, Alien Energy Pvt. Ltd. A-16/6,Omsai Complex, Srte IV Industrial Area, Sahibabad (Delhi-NCR), Ghaziabad (U.P.) -201010

Sub: - Purchase Order for the Supply of Alien T8/18W LED Tube. Ref.: Your Quotation No.AE/STI/2018-19/585 Date.10/10/2018.

Sir,

We are pleased to place herewith our Purchase order for the supply of Alien T8/18 W LED Tube as per details given below:

S. N.	Description	Alien Model No.	QTY	Rate	Amount
1	Alien T8/18W LED Tube and External Driver installed & wired inside white powder coated M.S. box fitting Product HSN Code-9405	AELED- TSBX118	4500 Nos	636.912	28,66,104/-
	Total Rs. Including of Freight Charges, GST and Commissioning Supervision etc.				28,66,104/-
	Additional:- 1)Driver 2)Led Tube		50Nos 25Nos		Free of Cost

Terms & Conditions:-

Payment - 50% advance along with purchase order,35% against dispatch of Materials &15% Balance on Commissioning of total Lights.

2) Delivery - Within 4-6 Weeks.

3) Warranty- Three years from the date of Invoice.

Thanking You,

C.C. Finance Officer Electrical Dept. C.M. Store

poJadhur

Yours Sincerely,

TP.D.JOHN)
FINANCE OFFICER
KRISHNA INSTITUTE OF MEDICAL SCIENCES
DEBLID UNIVERSITY,

KAHAD

Name Of Work - Dismentling of Old Tube & Fixing of New LED Tube (Make - Alien Energy Pvt. Ltd.)

IN KIMSDU, MALAKAPUR, KARAD.

Sr. No.	Date		New Fitting	old Fitting	Remark
1	11/02/2019		32	32	
2	12/02/2019	And the second s	24	24	
3	13/02/19	Canser	16	16	
4		Admin Office & Area	33	33	
5	15/02/19	Admin Office & Area ICU+Passege	42	42	
6	16/02/19	Passege & Cashire Opp.& No.24	50	50	
7	18/02/19	Passage, ward No 15, 16	65	65	Î
8		Ward no. 16, 17, 18. & Passge	85	85	ľ
9	21/02/19	Ward No. 5, 4, 32	70	70	
10		Ward No. 6, 10, Opp	59	59	
11		Ward No.9, 17, 18, 10 8	78	78	
12		Ward NO. 11, 7	49	49	
13		Ward No.	10	10	
14	THE PERSON NAMED IN COLUMN TWO	Ward No. 10 & Passge	42	42	
15		Ward No. 19, 20, 14	65	. 65	
16		Boys Hostel III	40	40	
17	04/03/2019	Boys Hostel III	50	50	
18	06/03/2019	Boys Hostel	70	70	
19	07/03/2019	Woomen Hostel	79	79	
20	09/03/2019	Woomen Hostel No. IV	37	37	
21	10/03/2019	Woomen Hostel No. IV	51	51	
22	11/03/2019	Woomen Hastel No. V	49	49	
23		Woomen Hostel No. V	42	42	17
24	14/3/19	Woomen Hostel No. V	23	23	Removed
25	15/3/19	Woomen Hostel No. V	87	87	old and
26	19/3/2019	KIMS Library	32	32	Installed
27		KIMS Library	48	48	New Alien
28		KIMS Library	21	21	Energy 18
29		KIMS Library	47	47	Watt Led
30	23/3/2019	KIMS Library	29	29	Tube Light
31	24/3/2019	KIMS Library Narsing Hostel	43	43	Tuoc Light
32		KIMS Library Narsing Hostel	52	52	
33		Dental Collage	45	45	
34		Dental Collage	34	34	
35		Farmacy Collage	66	66	
36		Farmacy Collage	40	40	
37		Physiotheraphy Collage	11	11	1:
38		Anx. Building	51	51	
39		Anx. Building	67	67	
40		Anx. Building	30	30	
41		Pharmacy Collage (Lab)	4	4	
42	05/04/2019	Anx. Building	35	35	4
43		Ladies Hostel No. 3 (3rd floore)	50	50	1

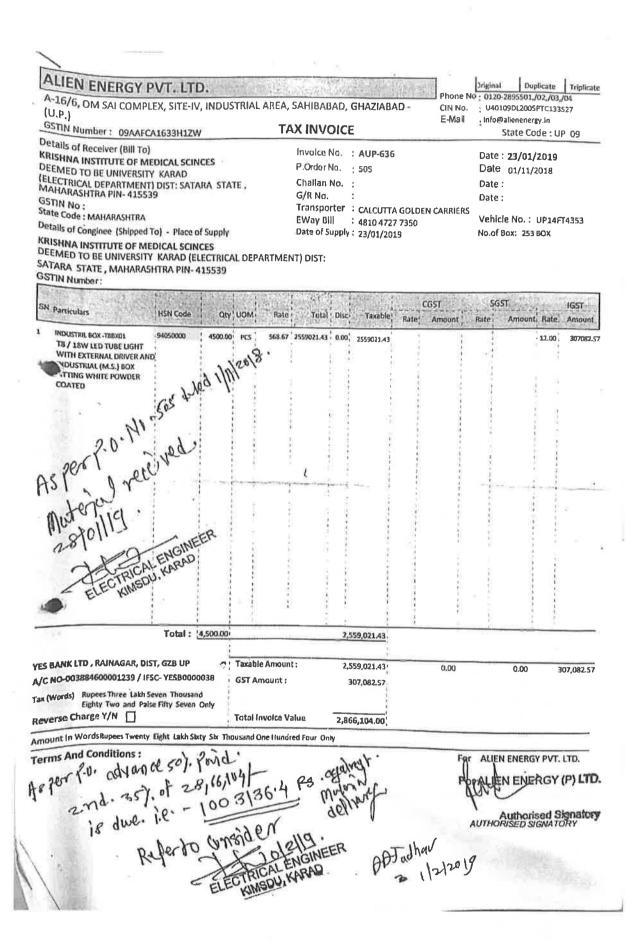
		Total	4111	4111
52	30/03/2019 To 02/052019	Analesis, Londry & Medical College	1400	1400
51		B Type Quarter	59	59
50	_	NIR Hostel	54	54
49		IHR Hostel	155	15!
48	_	Dental Hostel	134	134
47	29/03/2019	Ladies Hostel Near Dental Collage	60	60
46	03/03/2019 to	Nurssing Collage	176	176
45		Ladles Hostel No. 4	70	70
44	_	Ladies Hostel No. 3 (4th floore)	50	50

DONN DONNILLY

NOT LONG TO CONTINEER

ELECTRICAL ENGINEER

KIMSDU, KARAD



2017 - 2018 Status & future planning of Energy Saving at KIMSDU Karad. Date - June 2018

Sr. No	Electrical Load	_	nsumption In wh	Yearly Avg. Rs/Kwh	Cost/Day	Cost /Year
1	Tube Light (4500 Nos) 4500 X 40 = 180000 Watt ie. 180 Kwh/ hr X 10 Hr	Daily	1800	10	18000.00	6570000.00

WEST IN A STRUME			After			
For Energy Saving	Capacity	Saving Unit Kwh	Saving Rate/ Kwh	Cost saving /Day	Çost saving /Year	Remark
LED 18 watt Tube Light.18 X 4500 = 81000 Watt	Consumption per day 810 kwh	990	10	9900	3613500	New Requirement of 18 Watt Led Tube Lights Qty – 4500.

auto

REGISTRAR

Krishna Institute of Medical Sciences
"Deemed To Be University", Karad