



**Rayat Shikshan Sanstha's**  
**Karmaveer Bhaurao Patil College of Engineering, Satara**

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**Criterion 7 – Institutional Values and Best Practices**

**Key Indicator - 7.1 Institutional Values and Social Responsibilities**

**7.1.4 The percentage of annual lighting power requirements met through LED bulbs (Current year data)**

<b>Sr.No.</b>	<b>Documentary Evidences / Sample Documents</b>	<b>Page No.</b>
1	Electrical Energy consumed Units & Parameters as per MSEDCL ltd Bills	1-1
2	College Electricity Bill for the Month of SEP 2017.	2-2
3	Lightning requirement of Institute.	3-3

100

**Rayat Shikshan Sanstha's**  
**Karmaveer Bhaurao Patil College of Engineering, Satara**  
**Electrical Energy consumed Units. & Parameters as per MSEDCL Ltd. Bills- 190569007325, 2015-18**

Sr.No.	Month, & Year.	M.D. Kva.	Unit Rate	Unit consumd	P. F.	Amount Rupees	Connected Load. KW.	P.F. charges Penalty.	M.D. charg. Penalty.
1	January, 2015.	52	9.17	8182	1.00	75,080	111	-4746	0000
2	February, 2015.	39	11.40	7364	1.00	84,005	111		
3	March, 2015	59	11.44	9534	1.00	1,09,075	111		
4	April, 2015.	54	27.58	10278	0.99	1,15,320	111	-6945	1140
5	May, 2015.	59	10.58	6086	1.00	65,405	111		
6	June, 2015.	41	12.52	5228	1.00	65,455	111		
7	July, 2015.	44	12.12	7126	1.00	85,430	111	-5173	0000
8	August, 2015.	59	11.88	8316	0.90	98,825	111	0751	0000
9	September, 15.	47	12.97	6748	1.00	87,565	111		
10	October, 2015.	59	12.48	8400	1.00	104,055	111	-6393	0000
11	November, 15.	44	13.15	5040	1.00	66,320	111		
12	December, 15.	59	12.97	5469	1.00	70,810	111	-4317	0000
13	January, 2016.	44	11.81	6666	1.00	78,770	111	-4799	0000
14	February, 2016.	45	11.78	7723	1.00	91,030	111	0000	0000
15	March, 2016	63	12.20	10663	1.00	1,30,180	111	-7615	4290
16	April, 2016.	47	12.42	7263	1.00	90,230	111	-5500	0000
17	May, 2016.	47	11.61	7983	1.00	92,750	111	-6028	0000
18	June, 2016.	47	11.97	8001	1.00	95,780	111	-5836	0000
19	July, 2016.	47	11.55	8633	1.00	99,760	111		
20	August, 2016.	47	13.35	9505	1.00	1,10,103	111		
21	September, 16.	47	11.21	8243	1.00	92,480	111		
22	October, 2016.	47	11.27	8525	1.00	96,120	111	-5854	0000
23	November, 16.	47	12.94	6883	1.00	89,120	111	-5433	0000
24	December, 16.	47	13.03	6655	1.00	86,770	111	-5291	0000
25	January, 2017.	47	12.81	8066	1.00	1,03,400	111	-6304	0000
26	February, 2017.	40	12.57	3757	1.00	47,226	111		
27	March, 2017	50	12.33	9784	1.00	1,20,710	111	-7357	0000
28	April, 2017	40	10.54	9042	1.00	95,360	111	-6359	0000
29	May, 2017.	36	13.87	6522	1.00	90,510	111	-5521	0000
30	June, 2017.	28	13.40	6908	1.00	92,570	111	-5645	0000
31	July, 2017.	35	11.88	8477	1.00	1,00,730	111	-6067	0000
32	August, 2017.	45	12.86	8573	0.99	1,10,250	111	-6721	0000
33	September, 17.	56	12.83	10687	1.00	1,37,140	111	-8082	3750
34	October, 2017.	41	12.23	8062	1.00	98,660	111	-5956	0000
35	November, 17.	28	12.70	7210	1.00	91,570	111	-5583	0000
36	December, 17.	30	12.90	6753	1.00	87,120	111	-5311	0000
37	January, 2018.	35	13.00	8386	1.00	1,09,030	111	-6648	0000
38	February, 2018.	42	13.07	7995	1.00	1,04,560	111	-6376	0000
39	March, 2018.	45	12.61	10004	1.00	1,26,230	111	-7695	0000
40	April, 2018.	43	12.04	9931	1.00	1,19,650	111	-7829	0000
41	May, 2018.	36	13.68	6828	1.00	93,440	111	-5699	0000
42	June, 2018.	60	14.16	6345	1.00	89,900	111	-5413	0000







# Maharashtra State Electricity Distribution Co. Ltd.

ELECTRICITY BILL FOR THE MONTH OF SEP 2017 BILL OF SUPPLY 20170915753728

SATARA CIRCLE 575 SATARA DIVN 516 A SATARA URBAN SUB-DIV 117

Consumer No.: 190569007325 RAYAT SO.  
 Consumer Name: M/S SECRETARY RAYAT SHIKSHAN SANSTHA

Address: K B P COLLEGE OF ENGG  
 POLYTECHANIC SADARBAZAR

Village: CAMP SATARA  
 Connected Load (KW): 111.00 Sanctioned Load (KW): 111.00  
 Contract Demand (KVA): 50 Sanctioned Demand (KVA): 50.00  
 50% of Con. Demand (KVA): 25.00 Meter No.: 076 00308903  
 Date of Connection: 24-12-1993 Tariff: 146 HT-IX B  
 Supply at: HT Prev. Highest (Mth) MAR Bill Demand (KVA) 50 Elec. Duty 07

BILL DATE	02-10-2017	
DUE DATE	16-10-2017	1,37,140.00
IF PAID UPTO	09-10-2017	1,36,030.00
IF PAID AFTER	16-10-2017	1,38,860.00
Last Receipt No./Date	2455449 / 15-09-2017	
Last Month Payment		1,10,250.00
D.G. Set (KVA)		
Scale / Sector	Medium Scale	Public Sector
Activity	COLLEGE & UNVRSITIES	
Seasonal	Load Shed Ind	MIDC
Urban/Rural Flag :-	U	Express Feeder Flag :- No
Feeder Voltage (KV) :-	22	LIS Indicator :-
Email ID	str_kbpsatar@sancharnet.in	

DTC	old trf	HT-IX B	PART B	KWH	KVAH	RKVAH (LAG)	KW (MD)	KVA (MD)
Reading Date								
Current	30-09-2017	228331.200	228817.000	3139.500	27.800	29.760		
Previous	31-08-2017	222387.400	223459.000	2984.200				
Difference		5343.800	5358.000	155.300				
Multiplying Factor		2.0000	2.0000	2.0000	2.000	2.0000		
Consumption		10687.600	10716.000	310.600	55.600	59.520		
Add if L. T. Metering		0.000	0.000	0.000	0.000	0.000		
Adjustment		0.000	0.000	0.000	0.000	0.000		
Assessed Consumption		0.000	0.000	0.000	0.000	0.000		
Total Consumption		10688.000	10716.000	311.000	56.000	60.000		

Billed Demand (KVA)	60	@ Rs.	250
Assessed P.F.		Avg. P.F.	1.000
Billed P.F.	1.000	L.F.	30
Consumption Type	Units	Rate	Charges Rs.
Industrial	0	9.1	0.00
Residential	0	5.82	0.00
Commercial	10,688	9.1	97260.80
E.D. on (Rs.)	Rate %	Amount Rs.	
	9.3		
	16		
	1,19,220.92	21	25036.39
Zone	Units	Demand	Charges Rs.
'A' Zone	1,858	13.00	2,787.00
'B' Zone	5,903	60.00	0.00
'C' Zone	1,070	34.00	856.00
'D' Zone	1,856	50.00	2,041.60
(In words) Rupees	ONE LAKH THIRTY-SEVEN THOUSAND ONE HUNDRED FORTY ONLY		

Demand Charges	15,000.00
Wheeling Charges	8,871.04
Energy Charges @ 0.83	97,260.80
TOD Tariff EC	110.60
FAC @ 54 Ps/U	5,771.52
Electricity Duty	25,036.39
Other Charges	0.00
Tax on Sale @ 9.04 Ps/U	966.20
P.F. Penal Charges / P.F. Incentive	8,082.96
Charges For Excess Demand	3,750.00
Debit Bill Adjustment	0.00
TOTAL CURRENT BILL	1,37,140.55
Current Interest	28/09/2017 0.00
Principal Arrears	1.02
Interest Arrears	0.00
Total Bill Amount (Rounded) Rs.	1,37,140.00
Delayed Payment Charges Rs.	1,714.26
Amount (Rounded) Payable After 16-10-2017	138860
Amount Rounded to Nearest Rs. (10/-)	

Security Deposit Held Rs.	1,04,400.00
Addl. S.D. Demanded Rs.	0.00
S. D. Arrears Rs.	0.00

CUSTOMER CARE  
 Toll Free No. : 1800-233-3435  
 1800-200-3435

BILL MONTH	AUG-17	JUL-17	JUN-17	MAY-17	APR-17	MAR-17
UNITS	8,573	8,477	6,908	6,522	9,042	9,784
BILL AMOUNT	1,10,247	99,581	92,568	90,512	1,04,387	1,20,710

### HSN Code 27160000 & GSTIN of MSEDCL 27AAECM2933K1ZB  
 Consumers can pay online using Netbanking, Credit, Debit Cards at <https://wss.mahadiscom.in/wss/wss> after registration.  
 \*\*\* PROMPT DISCOUNT Rs. 1111 IF PAID ON OR BEFORE 09-OCT-17  
 \*\*\* IF PAID BY CHEQUE/DD/PAY ORDER, THEN REALIZATION DATE WILL BE CONSIDERED AS PAYMENT DATE.  
 \*\*\* A Special desk is operational for HT Consumers. For any clarification contact: htconsumer@mahadiscom.in for any Clarification/Query or Grievance.  
 For CGRF and IGRC details refer www.mahadiscom.in  
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 Maharashtra State Electricity Distribution Co  
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### Lightning requirement of Institute:-

Sr. No.	No. of Tubes	Wattage	Hours	Days	Total Energy	Units
1	1100	40	8	1	3,52,000	352 kwh
50% Tubes are Switch "ON"						
2	550	40	8	1	1,76,000	176 kwh
3	Energy Required per year					$176 \times 365 = 64,240$ kwh

