

Electricity Analysis of LED Tubelights

Maniben Nanavati Women's College							
Energy Audit							
Electricity Details April, 2016 to January, 2021							
Sr. No.	Department	Year	For the Month	Amount	No. of Units Used	Per Unit Charge	Expenses on LED
1	MNWC	2016	April	100410	10425	10	
2	MNWC	2016	May	73640	7698	10	
3	MNWC	2016	June	72890	7506	10	
4	BNCDC	2016	July	92110	9610	9.58	284.09
5	BMS	2016	August	102830	10928	9.41	275
6	PG	2016	September	93950	9889	10	NIL 280 Fixed Charges
7	BNCDC	2016	October	84710	9074	9.33	289.17

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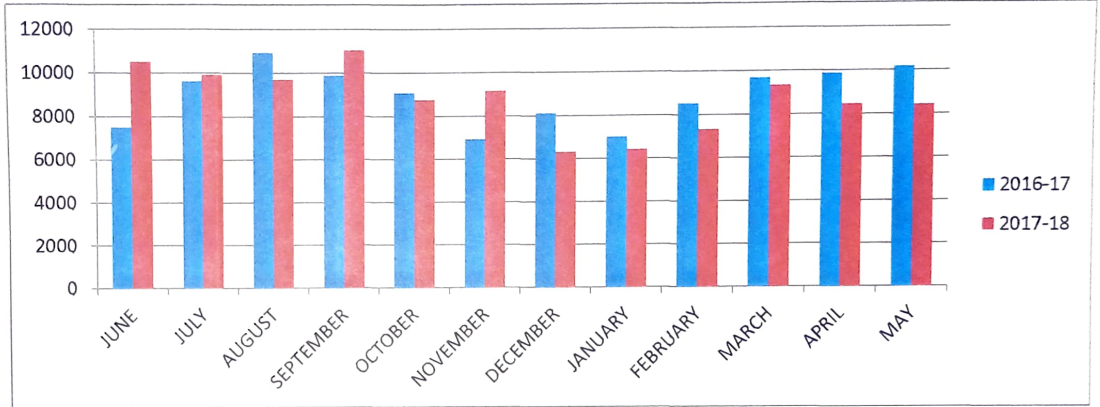
LED lights



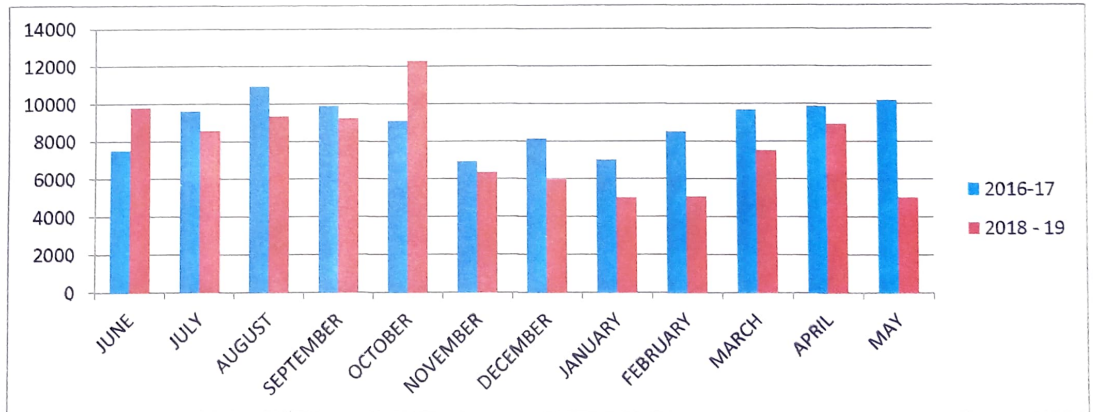
Sum

YEAR WISE COMPARISON FOR LED LIGHT UNITS CONSUMPTION

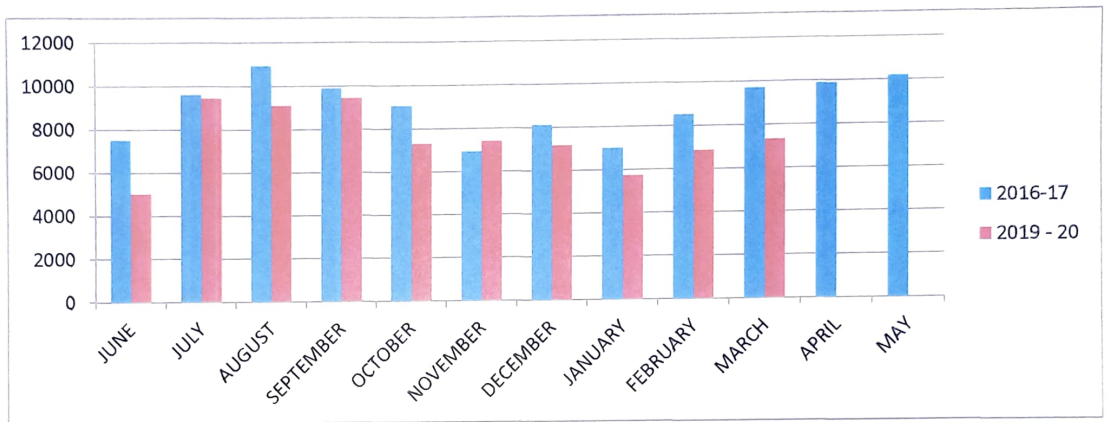
	2016-17	2017-18
JUNE	7506	10510
JULY	9610	9920
AUGUST	10928	9710
SEPTEMBER	9889	11049
OCTOBER	9074	8763
NOVEMBER	6928	9148
DECEMBER	8122	6322
JANUARY	7002	6418
FEBRUARY	8525	7335
MARCH	9688	9332
APRIL	9864	8449
MAY	10171	8408



	2016-17	2018 - 19
JUNE	7506	9780
JULY	9610	8559
AUGUST	10928	9329
SEPTEMBER	9889	9217
OCTOBER	9074	12289
NOVEMBER	6928	6356
DECEMBER	8122	5957
JANUARY	7002	4992
FEBRUARY	8525	5060
MARCH	9688	7503
APRIL	9864	8921
MAY	10171	5023



	2016-17	2019 - 20
JUNE	7506	5023
JULY	9610	9450
AUGUST	10928	9099
SEPTEMBER	9889	9450
OCTOBER	9074	7313
NOVEMBER	6928	7417
DECEMBER	8122	7167
JANUARY	7002	5741
FEBRUARY	8525	6859
MARCH	9688	7332
APRIL	9864	0
MAY	10171	0

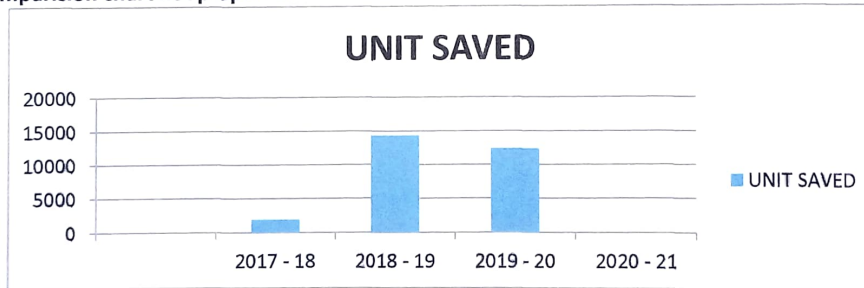


NOTE :-

1. Pandemic begins from april 2020 onwards.
2. 2020 - 21 is pandemic year hence comparison chart not prepared.

YEAR	UNIT SAVED
2017 - 18	1943
2018 - 19	14321
2019 - 20	12421
2020 - 21	0
Total	28685

10 months



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8	MNWC	2016	November	65580	6928	9.47		
9	JR-UNAIDED	2016	December	76920	8122	9	NIL	280 Fixed Charges
10	SCWNI	2017	January	59690	7002	9	NIL	280 Fixed Charges
11	JR UNAIDED	2017	February	79860	8525	9	NIL	280 Fixed Charges
12	SCNWI	2017	March	68440	9688	7	NIL	280 Fixed Charges
13	MNWC	2017	April	90130	9864	9.14		
14	MNWC	2017	May	93570	10171	9.2		
			Total	1154730	125430	130.13		
15	MNWC	2017	June	88500	10510	8.42	BMS : Vender Name -Bright Agencies, Description-18W LED Back LITD/WH SQ,Quantity-32,Rate 1085, Amount - 36,803.00/-	
16	MNWC	2017	July	86590	9920	8.73	SCNWI : Vender Name -Shri Sagar Traders, Description-18W Master LEDT 4FT 2100 Lumens Tube,Quantity-326,Rate 425, Amount -146863/-	
17	PG	2017	August	84360	9710	9	NIL	
18	PG	2017	September	95450	11049	9	NIL	290 Fixed Charges
19	BNCDC	2017	October	76220	8763	8.69		298.64 290 fx chrgs
20	BNCDC	2017	November	83940	9148	9.17		298.64 290 fx chrgs
21	JR UNAIDED	2017	December	56670	6322	9	NIL	280 Fixed Charges
22	SCNWI	2018	January	57120	6418	9	NIL	300 Fixed Charges
23	SCNWI	2018	February	65940	7335	9	NIL	300 Fixed Charges
24	SCNWI	2018	March	74730	9332	8	NIL	300 Fixed Charges
25	MNWC	2018	April	86110	8449	10.19		

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26	SCNWI	2018	May	73830	8408	9	NIL	330 Fixed Charges
			Total	929460	105364	107.20		
27	MNWC	2018	June	75770	9780	7.75		
28	MNWC	2018	July	77130	8559	9.01		
29	BMS	2018	August	81190	9329	8.7		300
30	BMS	2018	September	86580	9217	9.35		330
31	BNCDC	2018	October	110680	12289	9		
32	BNCDC	2018	November	59850	6356	9.41		
33	SCNWI	2018	December	55070	5957	9	NIL	330 Fixed Charges
34	SCNWI	2019	January	47180	4992	9		330 Fixed Charges
35	SCNWI	2019	February	47410	5060	9		330 Fixed Charges
36	SCNWI	2019	March	61800	7503	8		330 Fixed Charges
37	SCNWI	2019	April	83010	8921	9		330 Fixed Charges
38	MNWC	2019	May	88085	5023	17.54		
			Total	873755	92986	114.76		
39	MNWC	2019	June	88085	5023	17.54		
40	MNWC	2019	July	86080	9450	9.11		
41	MNWC	2019	August	84560	9099	9.29		
42	PG	2019	September	80020	9450			
43	BNCDC	2019	October	66630	7313	9.2		365 FIXED CHARG ES
44	BNCDC	2019	November	68310	7417	9.29		365 FIXED CHARG ES
45	SCNWI	2019	December	66050	7167	9		365 FIXED CHARG ES
46	SCNWI	2020	January	52440	5741	9		365 FIXED CHARG ES
47	SCNWI	2020	February	63774	6859	9		365 FIXED

Green Audit Report, MNWC, Mumbai

							CHARGES
48	SCNWI	2020	March	60187	7332	8	385 FIXED CHARGES
49		2020	April	0	0	0	385 FIXED CHARGES
50		2020	May	0	0	0	385 FIXED CHARGES
			Total	716136	74851	89.43	
51	MNWC	2020	June	151040	6517	23.18	385 FIXED CHARGES
52	SCNWI	2020	July	1485	0	0	385 FIXED CHARGES
53	SCNWI	2020	August	385	0	0	385 FIXED CHARGES
54		2020	September	0	0	0	385 FIXED CHARGES
55	BNCDC	2020	October	780	0	0	385 FIXED CHARGES
56	BNCDC	2020	November	1160	0	0	385 FIXED CHARGES
57		2020	December	0	0	0	
58		2021	January	0	0	0	
			Total	154850	6517	23.18	