


NARAYANA COLLEGE OF NURSING POWER CONSUMPTION STATEMENT FROM 2016-2021

YEAR		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	TOTAL	AVG/MONTH
2016-17	NNC TOTAL UNITS	34023	31803	37941	50136	40738	38076	41542	35229	27036	27144	33563	34164	431395	35950
	1 NARAYANA COLLEGE OF NURSING	5124	4922	5901	7899	6633	5259	7177	6098	3320	3413	4933	4933	65612	5468
	2 NURSING STUDENT HOSTEL	24399	22581	27440	37237	29455	28317	29665	24831	19516	20231	24630	25131	313433	26119
	3 NURSING WATER MOTOR	4500	4300	4600	5000	4650	4500	4700	4300	4200	3500	4000	4100	52350	4363
2017-18	NNC TOTAL UNITS	34030	41204	39431	43632	41494	50188	42005	36008	27950	24957	27740	35242	443881	36990
	1 NARAYANA COLLEGE OF NURSING	4612	7982	6341	7658	6756	8752	8775	6663	4655	4045	4126	5923	76287	6357
	2 NURSING STUDENT HOSTEL	25418	28722	28290	31074	29888	36336	28630	24945	19295	18063	20022	25195	315878	26323
	3 NURSING WATER MOTOR	4000	4500	4800	4900	4850	5100	4600	4400	4000	2849	3592	4125	51716	4310
2018-19	NNC TOTAL UNITS	39510	35631	37739	43502	47193	43324	46467	38579	30143	26032	37770	44479	470369	47035
	1 NARAYANA COLLEGE OF NURSING	6646	6309	7138	8488	9414	9194	8822	6623	5413	3888	4581	6568	83085	6924
	2 NURSING STUDENT HOSTEL	28244	24824	27120	30888	31099	30114	33052	26846	22701	17839	28655	33211	334592	27883
	3 NURSING WATER MOTOR	4620	4498	3481	4126	6680	4016	4593	5110	2029	4306	4534	4700	52692	4391
2019-20	NNC TOTAL UNITS	41660	41314	40541	47847	47341	47272	48491	47598	33391	31256	35766	27439	489915	40826
	1 NARAYANA COLLEGE OF NURSING	5656	7222	6601	6838	6070	7915	8184	6502	3690	3168	3348	3650	68843	5737
	2 NURSING STUDENT HOSTEL	33261	31900	31837	36958	37360	34181	35782	37647	26830	24180	28013	19757	377707	31476
	3 NURSING WATER MOTOR	2742	2192	2102	4051	3911	5175	4525	3449	2871	3909	4405	4032	43365	3614
2020-21	NNC TOTAL UNITS	10185	13237	23320	27055	32118	37758	39825						183499	61166
	1 NARAYANA COLLEGE OF NURSING	1409	2835	4200	5028	5232	6559	5044						30307	10102
	2 NURSING STUDENT HOSTEL	6890	8208	15239	17520	22648	26182	29793						126481	42160
	3 NURSING WATER MOTOR	1886	2195	3880	4507	4238	5017	4987						26711	8904




 Principal
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 Chinthareddypalem,
 NELLORE - 524 003.

S.NO	NAME OF THE LOAD	WATTS	NARAYANA COLLEGE OF NURSING		NURSING STUDENTS HOSTAL		TOTAL NARAYANA NURSING	
			QTY	KW	QTY	KW	QTY	KW
12	MICRO OVEN	700	1	0.7	0	0	1	0.7
13	GEYSER	2000	0	0	4	8	4	8
14	LIFT	3100	0	0	1	3.1	1	3.1
		5200	1	5.2	0	0	1	5.2
15	WATER PUMP	7500	0	0	2	15	2	15
16	RO PLANT	2200	1	2.2			1	2.2
		4100			1	4.1	1	4.1
17	LAPTOP COMPUTER	45	1	0.045	0	0	1	0.045
18	DESKTOP COMPUTER	125	36	4.5	0	0	36	4.5
19	INK JET PRINTERS	300	8	2.4	0	0	8	2.4
20	SCANNERS	200	1	0.2	0	0	1	0.2
21	CC CAMERAS	4	104	0.416	0	0	104	0.416
22	DVRs	40	9	0.36	0	0	9	0.36
				50.285		93.976	1496	144.261



A. S. Reddy
Principal
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NARAYANA COLLEGE OF NURSING

AVG LOADING BLOCK WISE

SL NO	NAME OF THE LOAD		WATTS	QTY	KW	AVG WORKING HOURS	AVG DAY CONSUMPTION	NURSING STUDENTS HOSTAL		AVG WORKING HOURS	AVG DAY CONSUMPTION
						QTY	KW	QTY	KW		
1	FANS	CELLING FAN	80	110	8.8	6	52.8	458	36.64	16	586.24
		CELLING FAN	50	9	0.45	6	2.7	48	2.4	16	38.4
		EXHAUST	50	5	0.25	6	1.5	19	0.95	16	15.2
2	TUBE LIGHT SET	CU. CHOKE	40	52	2.08	8	16.64	54	2.16	12	25.92
		ELECT. CHOKE	36	1	0.036	8	0.288	82	2.952	12	35.424
		LED	15	21	0.315	8	2.52	81	1.215	12	14.58
3	LED	LED	20	77	1.54	8	12.32	154	3.08	12	36.96
		DOWN LIGHT	15	45	0.675	6	4.05	0	0		0
			9	2	0.018	6	0.108	17	0.153	12	1.836
4	CFL		0.5	0	0		0	22	0.011	12	0.132
		1X 36W	72	2	0.144	6	0.864	0	0		0
		3X36W	108	3	0.324	6	1.944	0	0		0
5	LED STREET LIGHTS	1X18	18	19	0.342	6	2.052	0	0		0
			80		0	12	0	1	0.08	12	0.96
			50		0	12	0	4	0.2	12	2.4
6	REFRIGIRATORS		25		0	12	0	12	0.3	12	3.6
			200	2	0.4	8	3.2	4	0.8	24	19.2
			1550	2	3.1	8	24.8	2	3.1	4	12.4
7	WATER COOLER										
8	AC UNITS	SPLIT 1.5TR	1630	1	1.63	6	9.78	0	0		0



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NARAYANA COLLEGE OF NURSING

AVG LOADING TOTAL BLOCK

SLNO	NAME OF THE LOAD		WATTS/HOUR	KWH/HOUR	QTY	TOTAL KWH/HOUR	AVG WORKING HOURS	AVG DAILY KWH CONSUMPTION
1	FANS	CELLING FAN	80	0.080	613	49.0	14	667.84
		CELLING FAN	50	0.050	57	2.9	14	41.10
		EXHAUST	50	0.050	25	1.3	14	17.10
2	TUBE LIGHT SET	CU. CHOKE	40	0.040	130	5.2	10	50.24
		ELECT. CHOKE	36	0.036	85	3.1	12	36.29
		LED	15	0.015	111	1.7	11	18.18
		LED	20	0.020	248	5.0	10	52.00
3	LED	DOWN LIGHT	15	0.015	45	0.7	6	4.05
			9	0.009	20	0.2	11	2.02
			0.5	0.001	22	0.0	12	0.13
4	CFL	1X 36W	72	0.072	2	0.1	6	0.86
		3X36W	108	0.108	3	0.3	6	1.94
		1X18	18	0.018	19	0.3	6	2.05
5	LED STREET LIGHTS		80	0.080	1	0.1	12	0.96
			50	0.050	3	0.2	12	1.80
			25	0.025	14	0.4	12	4.20
6	REFRIGIRATORS		200	0.200	6	1.2	19	22.40
7	WATER COOLER		1550	1.550	4	6.2	6	37.20
8	AC UNITS	SPLIT 1.5TR	1630	1.630	1	1.6	6	9.78
		2.0 TR	2110	2.110	6	12.7	4	50.64
9	WET GRINDER		1500	1.500	6	9.0	4	31.50
10	CHAPATI MACHINE		735	0.735	1	0.7	2	1.47



A. S. Srinivasulu
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SL NO	NAME OF THE LOAD	WATTS	QTY	KW	AVG WORKING HOURS	AVG DAY CONSUMPTION	QTY	KW	AVG WORKING HOURS	AVG DAY CONSUMPTION
		2110	6	12.66	4	50.64	0	0		0
9	WET GRINDER	1500	1	1.5	1	1.5	5	7.5	4	30
10	CHAPATI MACHINE	735	0	0		0	1	0.735	2	1.47
11	CUTTING MACHINE	500	0	0		0	3	1.5	4	6
12	MICRO OVEN	700	1	0.7	1	0.7	0	0		0
13	GEYSER	2000	0	0		0	4	8	2	16
14	LIFT	3100	0	0		0	1	3.1	12	37.2
		5200	1	5.2	4	20.8	0	0		0
15	WATER PUMP	7500	0	0		0	2	15	10	150
16	RO PLANT	2200	1	2.2	4	8.8				
		4100					1	4.1	12	49.2
17	LAPTOP COMPUTER	45	1	0.045	2	0.09	0	0		0
18	DESKTOP COMPUTER	125	36	4.5	2	9	0	0		0
19	INK JET PRINTERS	300	8	2.4	1	2.4	0	0		0
20	SCANNERS	200	1	0.2	1	0.2	0	0		0
21	CC CAMERAS	4	104	0.416	24	9.984	0	0		0
22	DVRs	40	9	0.36	24	8.64	0	0		0
				50.285		248.32		93.976		1083.122



A. S. Reddy
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NARAYANA COLLEGE OF NURSING

LOAD DETAILS

S.NO	NAME OF THE LOAD		NARAYANA COLLEGE OF NURSING			NURSING STUDENTS HOSTAL		TOTAL NARAYANA NURSING	
			WATTS	QTY	KW	QTY	KW	QTY	KW
1	FANS	CELLING FAN	80	110	8.8	458	36.64	568	45.44
		CELLING FAN	50	9	0.45	48	2.4	57	2.85
		EXHAUST	50	5	0.25	19	0.95	24	1.2
2	TUBE LIGHT SET	CU. CHOKE	40	52	2.08	54	2.16	106	4.24
		ELECT. CHOKE	36	1	0.036	82	2.952	83	2.988
		LED	15	21	0.315	81	1.215	102	1.53
3	LED	DOWN LIGHT	20	77	1.54	154	3.08	231	4.62
			15	45	0.675	0	0	45	0.675
			9	2	0.018	17	0.153	19	0.171
4	CFL		0.5	0	0	22	0.011	22	0.011
		1X 36W	72	2	0.144	0	0	2	0.144
		3X36W	108	3	0.324	0	0	3	0.324
5	LED STREET LIGHTS	1X18	18	19	0.342	0	0	19	0.342
			80		0	1	0.08	1	0.08
			50		0	3	0.15	3	0.15
6	REFRIGIRATORS		25		0	14	0.35	14	0.35
			200	2	0.4	4	0.8	6	1.2
			1550	2	3.1	2	3.1	4	6.2
7	WATER COOLER								
			1630	1	1.63	0	0	1	1.63
8	AC UNITS	SPLIT 1.5TR	2110	6	12.66	0	0	6	12.66
		2.0 TR	1500	1	1.5	5	7.5	6	9
9	WET GRINDERS		735	0	0	1	0.735	1	0.735
10	CHAPATI MACHINE		500	0	0		1.5	3	1.5
11	CUTTING MACHINE								



A. J. J. J.
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			QTY	KW	QTY	KW	QTY	KW
12	MICRO OVEN	700	1	0.7	0	0	1	0.7
13	GEYSER	2000	0	0	4	8	4	8
14	LIFT	3100	0	0	1	3.1	1	3.1
		5200	1	5.2	0	0	1	5.2
15	WATER PUMP	7500	0	0	2	15	2	15
16	RO PLANT	2200	1	2.2			1	2.2
		4100			1	4.1	1	4.1
17	LAPTOP COMPUTER	45	1	0.045	0	0	1	0.045
18	DESKTOP COMPUTER	125	36	4.5	0	0	36	4.5
19	INK JET PRINTERS	300	8	2.4	0	0	8	2.4
20	SCANNERS	200	1	0.2	0	0	1	0.2
21	CC CAMERAS	4	104	0.416	0	0	104	0.416
22	DVRs	40	9	0.36	0	0	9	0.36
				50.285		93.976	1496	144.261



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LOAD DETAILS

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		CELLING FAN	50	9	0.45	48	2.4	57	2.85
		EXHAUST	50	5	0.25	19	0.95	24	1.2
2	TUBE LIGHT SET	CU. CHOKE	40	52	2.08	54	2.16	106	4.24
		ELECT. CHOKE	36	1	0.036	82	2.952	83	2.988
		LED	15	21	0.315	81	1.215	102	1.53
		LED	20	77	1.54	154	3.08	231	4.62
3	LED	DOWN LIGHT	15	45	0.675	0	0	45	0.675
			9	2	0.018	17	0.153	19	0.171
			0.5	0	0	22	0.011	22	0.011
4	CFL	1X 36W	72	2	0.144	0	0	2	0.144
		3X36W	108	3	0.324	0	0	3	0.324
		1X18	18	19	0.342	0	0	19	0.342
5	LED STREET LIGHTS		80		0	1	0.08	1	0.08
			50		0	3	0.15	3	0.15
			25		0	14	0.35	14	0.35
6	REFRIGIRATORS		200	2	0.4	4	0.8	6	1.2
7	WATER COOLER		1550	2	3.1	2	3.1	4	6.2
8	AC UNITS	SPLIT 1.5TR	1630	1	1.63	0	0	1	1.63
		2.0 TR	2110	6	12.66	0	0	6	12.66
9	WET GRINDERS		1500	1	1.5	5	7.5	6	9
10	CHAPATI MACHINE		735	0	0	1	0.735	1	0.735
11	CUTTING MACHINE		500	0	0	3	1.5	3	1.5



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