

Load Assessment Criteria

Housing Society:

1. All residential plots to be taken as Ground + 1.
2. Load Assessment of amenities and commercial plots as per criteria
3. Individual houses to be assessed as per Asaan Meter policy (reproduced below)

Sq Yd	80	120	240	300	400	500	600	800	1000	1500	2000	3000	4000
Load kW /floor	2	3	4	5	6	6	7	8	10	15	18	25	30

For plot size other than mentioned above; load of such plots shall be taken of upper nearest plot size category.
E.g. a 180 SQ Yd plot shall have 4 kW per floor.

S.NO	Class	Unit Covered Area	Upper	Middle	Lower
2	Apartments	Up to 700 SQ FT	150 W /100 SQ FT + 50% apartments with 1 AC of 1.5 kW	150 W /100 SQ FT + 25% apartments with 1 AC of 1.5 kW	125 W /100 SQ FT with no AC
		701 - 900 SQ FT	175 W /100 SQ FT + 1 AC of 1.5 kW per apartment	150 W /100 SQ FT + 50% apartment with 1 AC of 1.5 kW	150 W /100 SQ FT with no AC
		901- 1200 SQ FT	200 W /100 SQ FT + 2 AC of 1.5 kW per apartment	175 W /100 SQ FT + 1 AC of 1.5 kW per apartment	150 W /100 SQ FT + 50% apartments with 1 AC of 1.5 kW
		1201-1600 SQ FT	225 W /100 SQ FT + 3 AC of 1.5 kW per apartment	200 W /100 SQ FT + 2 AC of 1.5 kW per apartment	175 W /100 SQ FT + 1 AC of 1.5 kW per apartment
		1600 SQ FT – 2500 SQ FT	225 W /100 SQ FT + 3 AC of 2 kW per apartment	200 W /100 SQ FT + 2 AC of 2 kW per apartment	175 W /100 SQ FT + 1 AC of 2 kW per apartment
		Above 2500 SQ FT	225 W /100 SQ FT + 4 AC of 2 kW per apartment	200 W /100 SQ FT + 3 AC of 2 kW per apartment	175 W /100 SQ FT + 3 AC of 2 kW per apartment

S.NO	Class	Unit Covered Area	Upper	Middle	Lower
3	Villages	01 kW Load Per Residential Unit			
4	Shops	Any Area	1000W /100 SQ FT (AC Load Inclusive Irrespective Of AC Ducts)	900 W /100 SQ FT (AC Load Inclusive Irrespective Of AC Ducts)	800 W /100SQ FT (AC Load Inclusive Irrespective Of AC Ducts)
5	Super Market	Any Area	1000w /100 SQ FT (AC Load Inclusive)	900 W /100 SQ FT (AC Load Inclusive)	800 W /100 SQ FT (AC Load Inclusive)
6	Air Raid Shelter	Any Area	1000w /100SQ FT (AC Load Inclusive)	900 W /100 SQ FT (AC Load Inclusive)	800 W /100s SQ FT (AC Load Inclusive)
7	Offices	Any Area	1000 W /100 SQ FT (AC Load Inclusive) Irrespective Of AC Ducts	900 W /100 SQ FT (AC Load Inclusive Irrespective Of AC Ducts)	750 W /100 SQ FT (AC Load Inclusive) Irrespective Of AC Ducts
8	Corridors	Any Area Residence	40 W /100 SQ FT		
		Offices	75 W /100 SQ FT	60 W /100 SQ FT	50 W /100 SQ FT
		Shops +Other Commercial Activities	100 W /100 SQ FT	75 W /100 SQ FT	60 W /100 SQ FT

S.NO	Class	Unit Covered Area	Upper	Middle	Lower
9	Covered Go down	Any Area	50 W / 100 SQ FT (Combination Of Covered / Open To Be Catered Individually As Per Size Of Each) Or As Per Actual.		
10	Open Go down / Open Scrap Yard	Any Area	25W / 100 SQ FT (Combination Of Covered / Open To Be Catered Individually As Per Size Of Each)		
11	Parking	Any Area	60 W /100 SQ FT	60 W /100 SQ FT	50 W /100 SQ FT
12	Marriage Halls	Any Area	250 W /100 SQ FT (Minimum 25 kW /Floor) + 01 AC Of 02 Kw For Office Or As Per Actual		
13	Banquets (Marriage / Party Halls With Air Conditioning)	Any Area	1000 W /100 SQ FT Inclusive Of AC Load (Minimum 25 KW /FLOOR) (In case of partial load requirement 45% of total load as AC load contribution will be deducted.		
14	Community Hall/Centre	Any Area	250 W /100 SQ FT + 01 AC OF 02 kW OR AS PER ACTUAL		

S.NO	Class	Unit Covered Area	Upper	Middle	Lower
15	Petrol Pump	ANY AREA	As Applied (Minimum 25 kW) + Tuck Shop Load If Any		
16	Hotel With Accommodation	Below 3 Star Or Medium Class Accommodation	500 W/100 SQ FT Per Room + 50% Rooms With 01 AC 2kW Or Centralised Ac Plants As Per Applied Load, Restaurant & Health Club Etc 01 Kw /100 SQ FT, Corridors 200 W/100 SQ FT Plus Lift As Per Actual Or Its Criteria And Parking As Per Actual Or Its Criteria		
		3-Star Or Above Or High Class Accommodation	500 W/100 SQ FT Per Room + 100% Rooms With 01 AC 2kw Or Centralised Ac Plants As Per Applied Load Restaurant & Health Club Etc. 01 Kw /100 SQ FT, Corridors 200 W/100 SQ FT Plus Lift As Per Actual Or Its Criteria And Parking As Per Actual Or Its Criteria		
17	Restaurants	Any Area	1000 W/ 100 SQ FT (AC Load Inclusive Irrespective Of AC Ducts)	900 W/100 SQ FT (AC Load Inclusive Irrespective Of AC Ducts)	800 W/100 SQ FT (AC Load Inclusive) Irrespective Of AC Ducts
18	Open Air Restaurants	ANY AREA	250W / 100 SQFT	250 W / 100 SQFT	200W / 100 SQFT
19	Hospital	ANY AREA	Load To Be Taken On The List Of Hospital Equipment With Lightning Load / Applied Load Which Ever Is Higher		
20	Clinic	ANY AREA	Same Criteria As Shops		
21	Children Play Area (Covered/Within Boundary)	Any Area	150 W /100 SQ FT		
22	Health Club /Recreation Club	Any Area	500 W / 100SQ FT (AC Load Inclusive Irrespective Of AC Ducts)	350 W /100 SQ FT (AC Load Inclusive Irrespective Of AC Ducts)	200 W /100 SQ FT (AC Load Inclusive) Irrespective Of AC Ducts

23	Schools/Colleges/ University/Coaching Centre/It Institutes	Any Area	250 W /100 SQ FT For Constructed Area With 01 No. 02 KW For Per Office Or Applied Load Or Actual Which Ever Is Higher	200 W /100 SQ FT For Constructed Area With 01 No. 02 KW For Per Office Or Applied Load Or Actual Which Ever Is Higher	150 W /100 SQ FT For Constructed Area (With No AC Or Applied Load Which Ever Is Higher)
			In case an educational institute has spaces other than classrooms (like gymnasium, auditorium, offices, mosques) these are to be assessed on their separate LAC, if available, otherwise the mentioned criteria is to be used.		
24	Parks	Any Area	As Per List Of Equipment Given With Minimum Load Of 5kW.		
25	Madarsa	Any Area	150 W /100 SQ FT For Constructed Area And Load Of Shops To Be Taken As Per Assessment Criteria.		
26	Places Of Worship	Any Area	150 W /100 SQ FT For Constructed Area Or Minimum 5 KW And Load Of Shops To Be Taken As Per Assessment Criteria		
27	Hostel	Any Area	125w /100 SQ FT (AC Load To Be Taken As Per Actual/Applied Separately)		
28	Library	Any Area	400 W /100 SQ FT (AC Load Inclusive)		
29	Snooker Club	Any Area	500 W /100 SQ FT (AC Load Inclusive Irrespective AC Ducts)	500 W / 100 SQ FT (AC Load Inclusive Irrespective AC Ducts	200 W /100 SQ FT (With No AC Load Irrespective AC Ducts)

30	Industry /Ice Cold Storage	Any Area	Load To Be Taken As Per Applied And List Of Machines To Be Installed. AC Load To Be Taken As Per Applied. Office Load As Per Actual.
31	Lift	Any Area	Residential Project = 15hp / 11 KW Per Lift Commercial Project = 20 Hp/ 15 KW Per Lift Cargo Lift =30hp / 22 KW Per Lift Or As Per Actual Installed Lift
32	Water Pump	Any Area	5 HP/3.7 kW Up to G+4floors Per Block Irrespective Of Size Of Plots 10 HP/7.5 kW Up to G+8floor Per Block Irrespective Of Size Of Plots 15 HP/11 kW Above G+8floors Per Block Irrespective Of Size Of Plots Or As Per Actual Installed Pumps
33	Sports Complex / Stadiums / Sports Grounds	Any Area	Applied Load Or As Per Actual
34	Cattle Pens / Poultry Farms / Breeding Farms	Any Area	Applied Load (Min 5kW) Or As Per Actual
35	Agriculture	Any Area	Applied Load
36	Farms Houses/Picnic Spots	Any Area	Same As Individual Houses + Restaurants (As Per Usage) In Middle Class Category As Per Constructed Area/ Plan Provided.
37	Plant Nursery	Any Area	Fixed 4.9kW Load With Single Phase Meter
39	Swimming Pool	Any Area	5kW In Case Load Detail Is Not Available.
40	Street Lighting	Any Area	Applied Load Including Wattage, Quantity And Distance Determination (For Government Cases) And 250 W Lamp/Pole Every 150ft Of Street Length (For Other Cases)