

**BOARD RESOLUTION REGARDING
LOAD CRITERIA FOR
ELECTRIFICATION OF COMMERCIAL
PLAZAS / HIGH RISE BUILDINGS**

July, 2018

HESCO HYDERABAD ELECTRIC SUPPLY COMPANY

OFFICE OF THE COMPANY SECRETARY HESCO HYDERABAD
ROOM NO.132 WAPDA OFFICES COMPLEX HUSSAINABAD HYDERABAD

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No.HESCO/BOD/CS/8571

Date 15-07-2018

BOARD RESOLUTION

Reference 45th HESCO BOD Meeting held on 12.7.2018 & minutes circulated vide this office letter No.HESCO/CS/Min-145th BOD/meet./8517-36 dated 15.7.2018.

Decision. The BOD accorded approval of Agenda No.9 as per load calculation sheet / contents of the item note.


COMPANY SECRETARY
HESCO HYDERABAD

Copy to:

- ✓ Chairman/Members of the Board of Directors HESCO.
- ✓ Chief Operating Officer HESCO Hyderabad.
- ✓ Chief Engineer (Dev) PMU HESCO Hyderabad.
- ✓ Chief Engineer (P&E) HESCO Hyderabad.
- ✓ Chief Commercial Officer HESCO Hyderabad.
- ✓ Chief Technical Officer HESCO Hyderabad.
- ✓ Chief Financial Officer HESCO.
- ✓ Chief Internal Audit HESCO Hyderabad.
- ✓ PSO to CEO HESCO Hyderabad.

HESCO HQ
CHIEF ENGINEER (P&E) HESCO Hyderabad
C. Eng. No. _____
Dated: _____
Dir: (MD) _____
Dir: SAP (MTL) _____
D.M (PPP) _____
D.M (T&B) _____
D.M (USAID) _____
ADMIN: _____
APS: _____

Load Assessment Criteria for Apartment / flats in Commercial Buildings

The existing criteria approved vide Board Resolution No. HESCO/BOD/CS/8571 dated 15.07.2018 for flats/ apartments within the commercial / multi storey buildings remain intact as it is, whereas all other previous policies/circulars are silent in this regard. The criteria is given in detailed as under

Shops

S. No.	Description	Load Criteria
1	For Covered area upto 100Sq. ft	1.5kW
2	For Covered area upto 200Sq. ft	3.0kW
3	For Covered area upto 300Sq. ft	4.5kW
4	For Covered area upto 600Sq. Ft	6.0kW

Office

S. No.	Description	Load Criteria
1	For Covered area upto 100Sq. ft	$1.0+1.5=2.5\text{kW}$
2	For Covered area upto 200Sq. ft	$1.5+1.5=3.0\text{kW}$
3	For Covered area upto 300Sq. ft	$3.0+1.5=4.5\text{kW}$
4	For Covered area upto 600Sq. Ft	$4.0+3.0=7.0\text{kW}$

Flats/Apartments


S. No.	Description	Load Criteria
1	For Covered area upto 675Sq. ft	$1.5+1.5=3.0\text{kW}$
2	For Covered area upto 676-1125Sq. ft	$2.0+3.0=5.0\text{kW}$
3	For Covered area upto 1126-2250Sq. ft	$3.0+3.0=6.0\text{kW}$
4	For Covered area over 2250Sq. Ft, the load may assessed using above criteria except for general load which may work out more according to the expected facilities/actual ground specifications of the connected equipments and accessories	

Big Halls

S. No.	Description	Load Criteria
1	General Load is being calculated as 1kW per 200Sq. Ft covered area	Area in Sq ft/200*1kW
	AC Load is being calculated as 2.5kW per 400Sq. Ft covered area	Area in Sq ft/400*2.5kW

Note:

- Keeping in view the present developments in technology and lifestyle the Big Malls are being constructed, in such type of Big malls & Commercial Centers, the load will be assessed on actual ground specifications of the connected equipments and accessories as well as machinery like Chiller Plants, Accelerators, Capsule Lifts, Cargo Lifts, Passenger Lifts, Theme Parks, Children's Play Area, Food Courts, Cinepax, Conference Rooms & Lobbies etc.

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- Out of total No. of shops, offices, flats and apartments, 30% AC Load has already been added in each Flats/Shops/offices and apartments, however same shall be included as per actual load of A.C installed at site.
 - The above instructions for load assessment need to be followed for the buildings located in the posh area of Hyderabad City, main cities of other district 100%, but can be made by application of 80% for suburbs like District for Tehsil/Sub Tehsil level etc on the load assessed observing the above criteria.
 - The Developer/Builder/Sponsor shall be responsible for replacement of Transformer in case of damage at any stage.
 - The Developer/Builder/Sponsor shall submit an undertaking that if at any stage the load of the building developed beyond the assessed he/she shall get the additional transformer of appropriate capacity installed at his own expenses through HESCO.