

b. The best energy efficiency for the same aspect ratio is when oriented the building to west direction for aspect ratio(1:1,1:2) and to east direction for aspect ratio(1:1.25,1:1.5) as shown in figure(15)

c. The saving annual ratio for consume of energy is about 10% when the aspect ratio of building is(1:1) at west direction compared with peak annual load shown in fig(16) for aspect ratio (1:2) in north direction .

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