

ABSTRACT.

We can not deny that electricity is the most convenient and useful form of energy .Without it, we can not come so far in development of our country .An increasing in the power consumption in Thailand per year reflects a growing in the standard of living of people. Here in Bangkok , a very crowded city surrounded with all kind of pollution's, very warmth weather, traffic-jam everywhere, murderer, and **Dirty Rotten Filthy Stinking F*****g Rich Corruption Politicians** , has consumed a large amount of electricity everyday. The government department who take a responsibility to supply electricity in Bangkok is The **Metropolitan Electricity Authority** , **MEA** .There are a lot of new buildings being constructed in order to serve the growth demand of dwelling units in Bangkok especially in the downtown area .Most of the project are high - rise buildings such as condominium, office building which requires a lot of power for the facilities of the building. We come up with question that ;
"How do they design the electric power distribution for such a large building? to meet the all the requirements and the desire of the owner of the building and meet all safety standards". To answer this question and many mores in our mind, this project is chosen among the competitive project we have. May this project report is the worst one that you have ever read if you expect something new or excited from this kind of project , but if not you will find something .