

Future Renewable energy source from lighting strokes, use charge battery and also safe building

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ABSTRACT

We know lighting stroke is very power full source of high voltage. If we know how can produce electricity from lighting stroke then we easily handle high voltage form of lighting stroke. This research paper about to how can safe building from lighting stroke and produce electricity by the help of lighting strokes. This is renewable source of future era.....

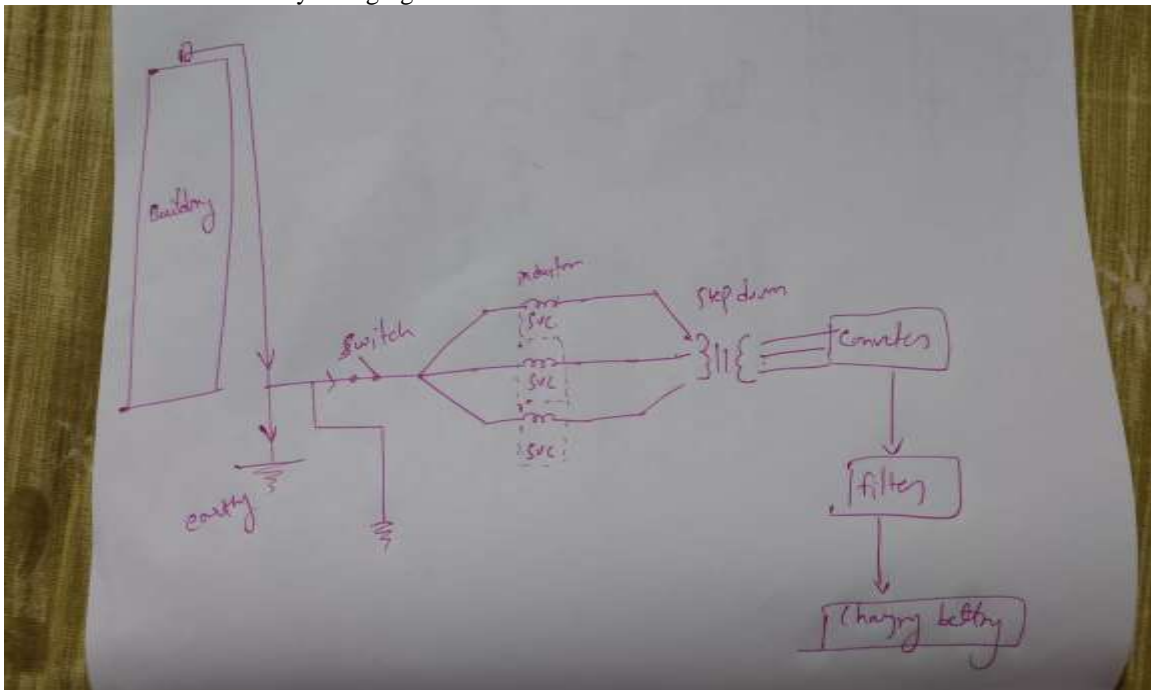
say this ckt one and two both are connected and part one earthling and part two are produce electricity and battery charging.

I. INTRODUCTION

Here lighting stroke helps we produce electricity and safe building. we use lighting arrestor or surge arrestor for high voltage and we also use conductor for battery charging . we can

II. METHEDOLOGY

When the lighting stroke occurs in sky then lighting arrestor or surge arrestor will be activate and high voltage it take and flow to earthling and other circuit by division rule . here conductor ckt design to inductor and inductor connected static var compensator in parallel . Inductor should be rating high . inductor are connected to step down transformer . Then it connected converter and filter and battery .



III. CONCLUSION

High voltage flow in earthling and circuit . This help we charge battery and safe building from any distortion.

REFERENCE

- [1]. Power system stability and control book by prabha kundur mc graw hill education.
- [2]. Circuit theory analysis and synthesis book by abhijit chakrabarti.