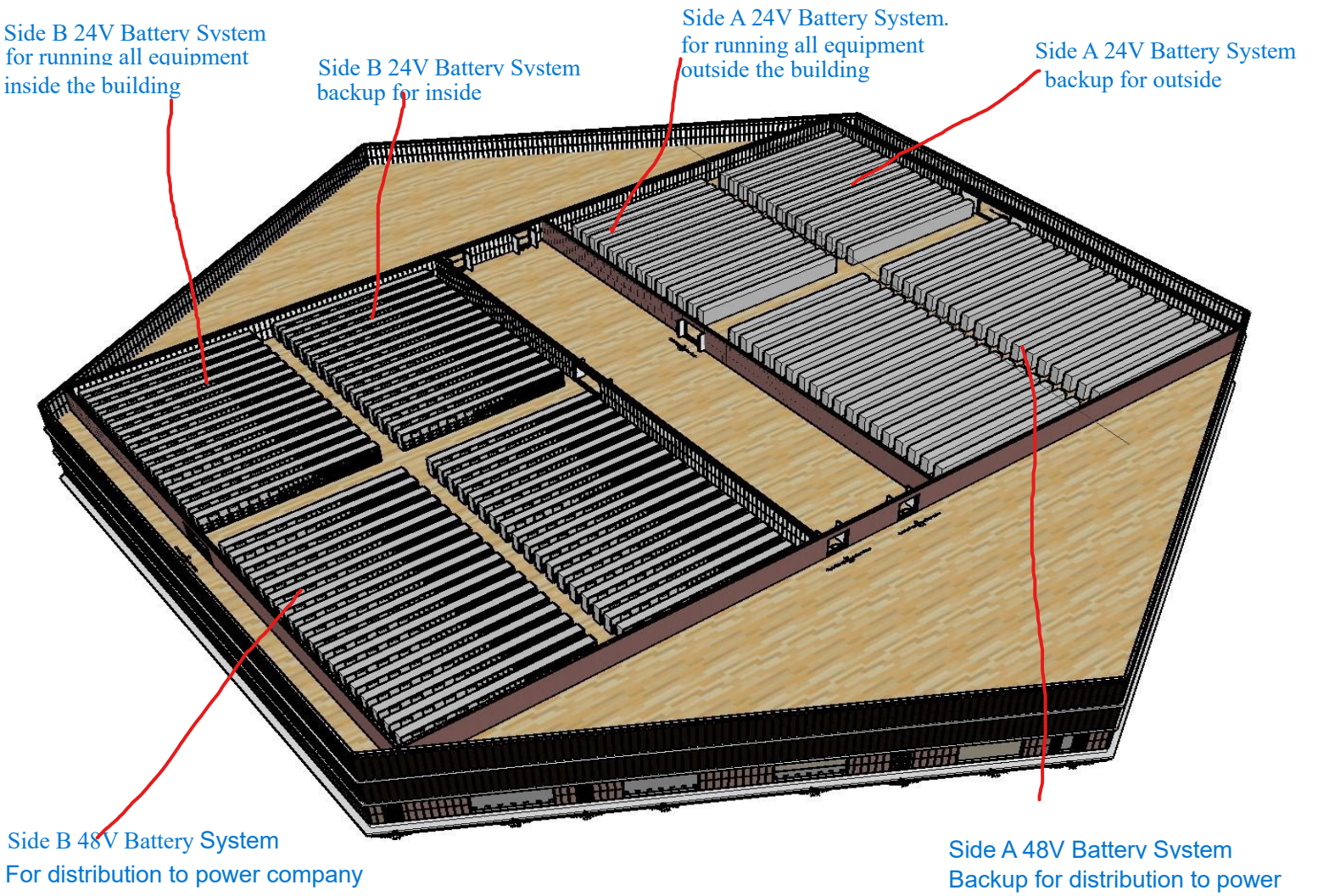
Inside Solar House

In this diagram we show the load bearing walls on the top floor for the roof in solar house, long with the doors to enter the battery Storage facility, each roll of battery represents 1000 kilowatts of power. In this instance, we have 4 separate Section on each side, 2 Section consisting of 15 rows, and the other 2 section consisting of 18 rows on side A and the same on side B.

15 rows X 1000KW = 15,000 KW = 15 MW X 2 = 30 MW
18 rows X 1000KW = 18,000 KW = 18 MW X 2 = 36 MW
30 MW + 36 MW = 66 MW X 2 = 132 MW DC Power in this facility.

The facility will guarantee 132 megawatts of power, side A is for Distribution of 132 megawatts, side B is mostly standby and backup to side A as well as to power everything within the facility, the goal is to convert all applications within the facility to DC power instead of AC power.

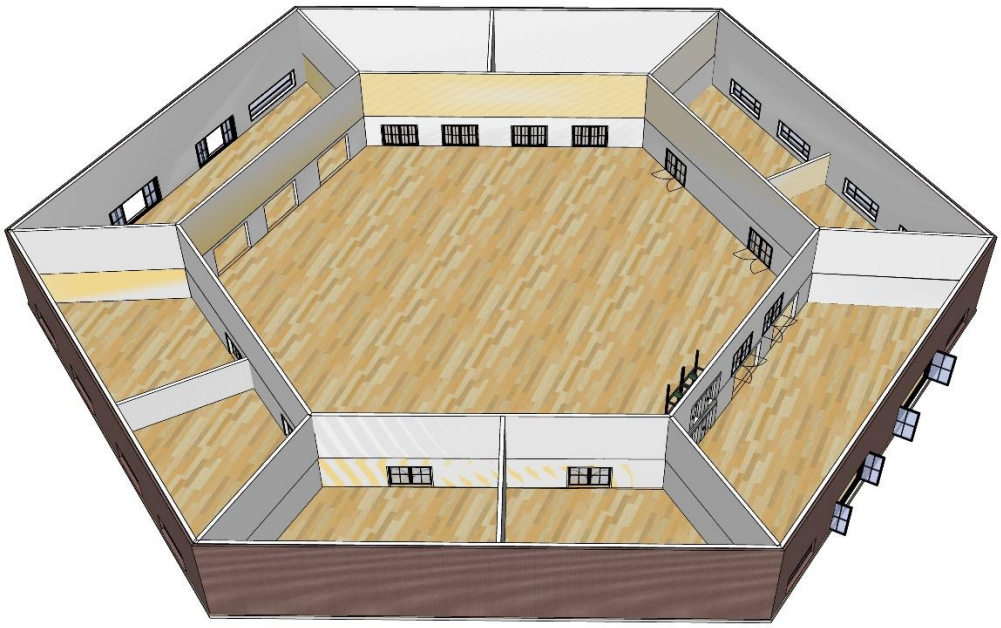


The back section on each side is designated for the charge controllers, Inverters, Transformers, and all equipment needed to export the power from the facility, all cabling will be run inside the walls and the ceiling. The batteries that will be used for this are solid state batteries designed specifically for this project. There will be Six EV stations around the property. Each station will have approximately 8 to 10 charging ports. The EV charging stations would be one of the fastest charging stations there is, simply because they are DC-to-DC charging ports.

The middle section of this diagram is reserved for the data center on one side and control room for the distribution of the renewable energy on the other.

Inside Solar House

This design shows the 1st and 2nd floor



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