

The common practice in the commercial solar farms is that, solar panels connects in series mostly to make the voltage according to the input rating of inverter. While few connections made parallel as in the commercial solar farms in order to increase the current. As the current adds in parallel so little parallel connections have observed in the commercial farms. In this way, a group of series connected panels connects with other group of series connected with the help of parallel connection. We need the 69 kV of oil immersed power transformer and the inverter will provide 400 V at the output, hence the transformer will step up from 400 to 69 kV. Transmission can understand from the following figure.

