

Direction of the current at the negative electrode of the photovoltaic panel

The photon-to-electron flow process explained previously can be modeled as a current source, I_{ph} , where the generated current depends on the intensity of the light hitting the cell. The p-n semiconductor junction is modeled as a diode, D ...

Fig. 2 shows an example of a negative electrode-earth measurement where the positive electrode has an earth fault. In this case, the direction of the measured current and PV generated current becomes the opposite. As a result, the ...

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