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A Case Study on Power Generation through Grid Connected PV System

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Abstract: Today's large dependency on fossil fuel moving the world towards global warming, rise in earth temperature, decreasing fossil fuel from earth surface and many more. To avoid this all issue we have to move towards the maximum use of green energy. This paper gives the brief information about how Grid tie PV System works the components used in it. Also we had discuss a case study of roof top 20 kW Grid tie PV system, which is mounted in GGSF campus on GGCOE building. Future power demand and extension required in system to fulfil the upcoming demand.

Keywords: Fossil fuel, global warming, green energy, PV Grid tie System

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