

EEPE6359 - Renewable Energy Systems and Distributed Power Generation Systems

[EEPE 6359](#) Renewable Energy Systems and Distributed Power Generation Systems (3 semester credit hours) Fundamentals of energy and sustainability. Interconnection of energy and environment. Renewable energy sources and availability: wind, solar, and fuel cell systems. Converters and controllers for integration of renewable energy sources. Solar and wind energy system design. Hybrid power generation systems. Smart grid system. Prerequisite: [EEPE 6354](#). (3-0)

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