

STUDIES ON PARAMETERIZATION, OPERATION AND MAINTENANCE OF SOLAR POWER PLANT

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Abstract: Solar energy is clean, inexhaustible and environment friendly potential resource among renewable energy options. But neither a standalone solar photovoltaic system nor a wind energy system can provide a continuous supply of energy due to seasonal and periodic variations. Therefore, in order to satisfy the load demand, off grid energy systems are now being implemented that combine solar and conventional conversion units. In one minute, the sun provides enough energy to supply the world's energy needs for one year. In one day, it provides more energy than the world's population could consume in 27 years. The energy is free and supply is unlimited. All we need to be find a way to use it.

Keywords: Operation, Parameterization, Solar power plant

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