

## PERFORMANCE COMPARISON OF SOLAR PV AND PVT SYSTEMS

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The Solar Photovoltaic and Thermal (SPVT) is advanced technology in solar power generation. The SPVT system can be used where we need both electricity and hot water. It is known that temperature reduces the efficiency of the solar cell, we can increase the efficiency if we reduce the panel temperature, same thing will happens in SPVT. Cold water enters into pipes extracts the heat from panels comes out as hot water that can be store in storage tank. Thereby efficiency of solar panel is increased and dual generation is achieved.

