



RESEARCH PAPER

Modification and performance evaluation of pico-hydro power generation unit

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Abstract : The pelton turbine was developed at College of Agril. Engineering and Technology, Dapoli. It was connected to permanent magnet direct current motor acting as generator by using belt and pulley arrangement. The developed pico hydro electric generator was used to generate electricity from 1 lps discharge and 1 m head. It was found working satisfactory with development of 42 W power.

Key Words : : Modification, Performance evaluation, Pico-hydro power, Generation unit

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