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The Study of Installation and Commissioning of Solar Dual Pump

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Abstract: *Water is a fundamental need. Houses and local communities are affected by the lack of safe access to drinking water. Given that families, especially women and young girls, have no access to drinking water at home and are compelled to consume a lot of my energy every day to carry water into their homes. State governments and municipal governments adopt emergency steps in scarcity to supply water by tankers, railways, etc. By taking several measures towards improved 'living comfort' with the Government, people now anticipate the delivery of tap water in their houses. A highly essential and hard issue is the provision of drinking water and household supplies in rural regions. The Solar Dual Pump Installation and Installation Project in the Talukan village of Banpada – Nashik is the creative effort of the Deputy Engineer, Zilha Parishad Nachik, mechanical engineers, to provide all households of the Banpada with taped water. The utilisation of solar energy to raise water through the usage of AC/DC submersible pump plays an important role for the supply of drinking water in highland locations where power is not accessible. The DC pump is filled into the borehole with a depth of 50 m. Electricity is produced and provided to the pump by controller with the assistance of the Solar panel.*

Keywords: Solar, Pump, Water supply, Dual pump

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