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| **Title:** | Amelioration of the floating solar panel with Fuzzy Logic | | |
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| **Abstract:** |  |
| This paper proposes an idea of the amelioration of solar panels with a fuzzy logic controller and their deployment on stagnant water (reservoir of hydro-electric damns). The involvement of a fuzzy logic controller improves the level of intelligence of the control system hence prioritizing between critical and non-critical loads which enables the utilization of the harnessed solar energy with greater service continuity. From the analysis, it was observed that 35% more energy is allocated for critical loads than the non-critical loads which satisfies a greater percentage of critical loads. | |