Management of loads in residential buildings installed with PV system under intermittent solar irradiation using mixed integer linear programming

## Management of loads in residential buildings installed with PV system under intermittent solar irradiation using mixed integer linear programming

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## **Abstract-**

One of the challenges of utilizing solar PV in residential buildings is the management of load in accordance to the intermittent nature of solar resource. In this paper,

Index Terms- Load managementPV systemBattery state of chargeLoad following capabilityMixed integer linear programing

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