<u>Clarification-II against the queries raised by Prospective Participants for the EoI for Renewable Energy (RE) based Solutions/System requirements in remote areas (HAA) of Himalayas, India</u>

- Load Requirement: As per the Clarification – I; essential load to be taken as 3.3 kW
- Per day generation from RE source: 100 units (Annual Average)
- Battery Size: 50 kWh (backup of 8-10 hours for 4-5 kW load)
- Present Source of electricity: 1x5.5 kVA, 1x7.5 kVA DG. Each of these runs alternately for 4 hours from 0400 hrs to 2200 hrs.
- The system should have adequate switchgear and capability to synchronise with the existing DGs
- It has to be indicated in the response to the EoI whether the system is modular with scope of future extension or not.
- Energy management system with at least 4 feeders with auto connect and disconnect facility be provided. This should be an intelligent one, monitoring battery WH, time of day, normal load pattern and give alarms as well as disconnections.