

Rural Development of North East India through Mini-Grids – Our Flagship Project

Hamara Grid is working with rural communities on a project to trigger rapid economic development through the 24*7 clean electricity in villages in North-East India. The Mon district in Nagaland, the home of the Konyak people, has been selected as the area to initiate this development project in partnership with the village communities and the government. The project has commenced to electrify all villages of Mon district in a phased manner over a four year period, impacting 237,600 people. The project is being implemented in 50 villages in the first phase, 25 villages in the second phase, and the remaining villages in the third phase. A not-for-profit company, the 'Mithun Rural Development Foundation', has been floated by Hamara Grid promoters to work on the soft aspects of the Mon Project. The project launched on the 21 September, 2021 has covered twenty six villages as in August 2025. Over 400 productive loads (PUE) have been powered to energize the local economy, as well as stimulate demand for clean energy.

The first solar mini grid was inaugurated at Totok Chingha village on 22nd February 2022. Until September 2025, a total of 26 mini grids have been operational in Mon district, Nagaland with an installed capacity of 935 kWp serving a rural Konyak population of 5076 and powering over 460 productive loads (mix of agri machines and non-agri loads like vehicle servicing units, welding, wood work, tailoring units, village salons etc) and 15 anchor loads in the operational villages (9 telecom towers, 3 rural banks, 2 fuel stations and 1 village water supply system). The success of this project is measured in terms of the sustainable and inclusive impact that it creates within the ecosystem in terms of increase in local incomes, growth of village GDP, low carbon growth, health and education outcomes.

Project Impact and key learnings until September 2025

Most meaningful Impact 1 – Promoting Rural entrepreneurship across remote and rural Mon villages. A total 163 productive loads incubated across the 26 operational villages in Mon, out of which 87 are women run and operated. A total of 104 new jobs created across the 26 operational villages in Mon. This project is powering rural bank branches like Canara Bank in Angphang village, Indian Overseas Bank in Changlangshu, Yes Bank in Ukha etc in the operational villages and hence strengthening financial inclusion and banking outreach. This project has started to power the telecom towers in the operational villages.

Most meaningful Impact 2 – All the 26 operational solar mini grids are performing very well and there has been an increase in demand for this project in Mon district, Nagaland, India All 26 MRDF mini grids are operational and performing well in Mon, Nagaland. The average overall utilisation of the mini grids is around 40% and growing. All mini grids have achieved a breakeven at the unit economics level. The Mon District Administration and the local Village Councils are providing active support to Team Hamara Grid towards the smooth execution of this project

Most meaningful Impact 3 - The Mon Rural Development project powered by solar mini grids has strengthened the PPPP (Private-Public-Peoples Partnership) model of inclusive growth in the State of Nagaland This project not only demonstrates the success of the PPPP model but also brings out the importance of scaling this PPPP based partnerships and good governance in project across North- East India. Elected peoples' representatives have been contributing from their annual discretionary developmental funds for the upfront fees on behalf of the villages. This has been a truly remarkable development.

Training Centre in Mon

Presently, a Training Center is under construction in our operational village of Totok Chingnyu in Mon, district to build the capacities of local entrepreneurs, Self-Help Group members, local stakeholders on productive use of energy and incubating and managing local businesses, powered by distributed renewable energy.