



SELCO Foundation

ENERGY FOR HEALTH

Quarterly Milestones & Updates

APRIL – JUNE 2026



Nagaland Goes Climate-Smart

The Department of Health and Family Welfare, Government of Nagaland, in partnership with SELCO Foundation (SF), hosted “Climate-Smart Nagaland: Advancing Health and Livelihood Resilience” on 28 May 2026 in Kohima. The event brought together stakeholders to review progress, strengthen partnerships, and advance climate-resilient development.

A key highlight was the deployment of renewable energy solutions in 325 health facilities, improving healthcare access in remote areas. Deputy Chief Minister Shri T.R. Zeliang, present on the occasion, emphasized the need for cross-departmental collaboration, while Dr. Harish Hande (SF) highlighted energy access as vital for equitable healthcare.

The event reaffirmed Nagaland’s commitment to decentralized clean energy solutions for resilient healthcare and rural livelihoods.

E4H Assam Takes Next Leap with Landmark MoU

On May 26, 2026, National Health Mission (NHM), Assam and SF signed an MoU to strengthen the Energy for Health (E4H) initiative, formalized by Dr. Lakshmanan S. (Managing Director, NHM Assam) and Huda Jaffer (Director, SF) in the presence of state representatives.

The next phase focuses on transferring 1,108 decentralized solar assets to public health facilities through a structured process ensuring ownership and accountability. It includes real-time monitoring systems, a vendor management framework, and a robust O&M strategy, alongside formal directives for asset registration and mechanisms to address non-warranty risks like theft and vandalism.



Manipur

Four training sessions on the basics of operations and maintenance (O&M), covering 141 health facilities, have been completed.

O&M issues at four facilities have been resolved through convergence and support from the government. These include Khurai Heigrumakhong HWC, Komlathabi PHC, Selon PHC, and Patpuihmun PHC.

Arunachal Pradesh

Solar installation has been completed across all 393 health centres in the state. RMS units have been installed at 318 facilities, with the remaining installations currently in progress.

The SF team, in coordination with NHM and the District Health Department, Arunachal Pradesh, organised O&M training for healthcare staff. To date, the training has been successfully completed in three districts: Papum Pare, Pakke Kessang, and Siang.



Sikkim

District Dental Surgeons have been appointed as the district points of contact for the maintenance of 156 solar installations across PHCs and sub-centres.

Meghalaya

Asset acceptance was formalised through a letter issued by Meghalayan Medical Drugs and Services Limited (MMDSL) on 10th April 2026.

A total of 188 Anganwadi Centres (AWCs) have solar installations. In the current year, 1,312 additional AWCs will be strengthened through reliable energy across the state

Odisha

214 sub centres in Koraput have been solarised.

Maharashtra

Installation has been completed for three model health centres at Nandurbar. An MoU has been signed with the district administration to support Positive Labour Rooms and the solarisation of 500 Anganwadi Centres (AWCs)

Installation of new solar systems is underway at 17 health centres, along with rectification of existing solar systems at 68 health centres.

Karnataka

A meeting was held with the Secretary, Women and Child Department, Government of Karnataka, to discuss the upgradation of AWCs to decentralised renewable energy (DRE) systems. A total of 1,900 AWCs in the state are planned to be upgraded with DRE.

In response to the LPG crisis arising from the current geopolitical situation, as per government request, induction stoves, rice cookers, and vessels have been distributed to 100 AWCs across five districts in Karnataka. The same solution has also been extended to 40 Nutrition Rehabilitation Centres

O&M Training in Karnataka

A three-day O&M training on Solar PV Systems and the Saura eMitra application was held in Mandya District from 12–14 May 2026 across 114 health facilities including Taluk Hospitals (THs), PHCs, and Health and Wellness Centres (HWCs). Conducted in three batches, it covered system functioning, maintenance, and digital monitoring. Participation was strong, with hands-on sessions improving staff capacity for system upkeep.

Field insights revealed several facilities incur monthly electricity costs of ₹1–1.3 lakh, driving demand to operationalize solar systems for cost savings and reliable power.

Discussions with district stakeholders including the District Health Officer, DPDO, and DHWC representatives underscored the importance of Saura eMitra and Remote Monitoring Systems in enhancing performance, enabling proactive maintenance, and ensuring uninterrupted energy access.



From the *Field*



MC4 Connector Issue Resolved in Odisha: Electricity Bill Reduced to ₹95

In Odisha's Koraput district, 214 health sub-centres have been solarized in partnership with the Health Department. One such facility is the Panchada Sub-centre in Laxmipur block.

The solar system initially performed well. However, a few weeks after installation, the Community Health Officer (CHO) reported a sharp rise in electricity bills—from an average of ₹400–₹600 per month to over ₹2,100. The technical team conducted a site visit. The inspection revealed that the photovoltaic (PV) input was not being detected due to a faulty MC4 connector. The system configuration included a 3.5 KVA inverter and a 4.8 kWh battery bank.

Due to the faulty connector, solar generation was interrupted.

All loads, along with battery charging, were supported solely by the grid. This resulted in the electricity bill increasing to ₹2,115. The technical team replaced the faulty MC4 connector and ensured proper male-female connections, restoring normal PV input. Following the fix, solar generation resumed normally, grid dependency dropped significantly, and the subsequent monthly electricity bill reduced to ₹95.

Key Learning:

There is a strong need for reliable, remote-friendly monitoring solutions to ensure timely maintenance of solar installations in off-grid regions.



Strengthening Healthcare Reliability at **Assam's** **Kamakhya State Dispensary**

Kamakhya State Dispensary, near the famous Kamakhya Temple in Assam, serves 70–100 patients daily, with numbers rising above 300 during the Ambubachi Mela at the temple. It provides essential services including outpatient care, maternal and child health support, immunization, and emergency treatment, making reliable operations critical. Frequent power outages—especially during monsoons—previously disrupted services, compromised vaccine storage, and limited emergency response during peak demand.

To address this, SF installed a 6 kWp solar system, ensuring uninterrupted power, stable equipment operation, and consistent cold chain maintenance. This has strengthened the facility's ability to manage routine and surge patient loads effectively.

A key success factor has been strong staff ownership. After O&M training, healthcare workers actively maintain the system, even installing protective measures to safeguard it—demonstrating accountability and commitment.

Today, reliable solar power has eliminated service disruptions, enhanced emergency preparedness, and improved working conditions. The dispensary now sustains high-quality care even during peak periods, emerging as a model for resilient, decentralized energy solutions in public healthcare.



Ensuring Inclusive Development: **Reaching the Last Mile in Mizoram**

SF's inclusive approach to development, guided by the principle of ensuring that no one is left behind, is reflected in its work in Pangkhau, a remote village located at the foothills of Phawngpui Tlang, Mizoram's highest peak.

Context: Pangkhau Village

Pangkhau is a small, geographically isolated settlement characterized by basic housing structures with weathered tin roofs. The village faces persistent infrastructural challenges, including severe road inaccessibility during the monsoon season, frequent and prolonged power outages, and limited access to advanced healthcare facilities.

Due to these constraints, the community relies heavily on a single Health and Wellness Centre (HWC) for primary healthcare services.

Pangkhua Health and Wellness Centre: Service Profile

The Pangkhua HWC plays a critical role in meeting the healthcare needs of the local population. Key service indicators include:

- Catchment Population: 1,538
- Maternal Care (Annual Births): Approximately 10
- Outpatient Visits (OPD): Approximately 200 annually
- Immunizations Delivered: 436 annually



Role and Significance:

Given the difficult terrain and the distance to the nearest PHC or hospital, the Pangkhua HWC serves as the primary point of access for healthcare.

Its functionality is therefore essential to the well-being of the community.

The solarization of the facility has significantly enhanced its operational capacity by ensuring a reliable power supply. This intervention has enabled uninterrupted healthcare delivery, improved service quality, and strengthened the resilience of the local health system.

As noted by H. Lalhminghlui, a representative of the Pangkhua Health and Wellness Centre:

"The solarization of our HWC by the SELCO Foundation has established a critical lifeline for the community. Reliable electricity now allows us to provide uninterrupted and effective healthcare services."





Saura e Mitra – Updates

01. Geographic Expansion – Arunachal Pradesh and Meghalaya

Saura-eMitra has been launched in Arunachal Pradesh and Anganwadis under the ECD Mission in Meghalaya.

02. Launch of Field Assist App

SF has launched the Field Assist App to digitalize the entire installation process, from scheduling through vendor updates, installation review, to completion report approval. This provides centralized visibility of project progress across all installations happening this year. The last 17 installations in Karnataka and the installations in Maharashtra have been documented using the app by vendor technicians. Feedback from vendors has been positive.

03. AMC Digitalization – Annual Maintenance Management

The complete monitoring of annual maintenance contract (AMC) process is now digitalized. Vendors can view scheduled AMCs with centre details, complete maintenance checks, report readings, and obtain approval from Health staff via OTP-based authentication.

Vendors are currently undergoing training on the Field Assist App, and once deployment is complete, all AMCs across all states where the E4H platform operates will be managed through the app.

04. CO2 Emission Reduction Dashboard

SF has launched the CO2 Emission Reduction Dashboard to track centre-level emissions data with filtering capabilities for deeper analysis. It is currently deployed across 25 centres, with plans to scale to 100 centres in the next quarter.

05. RMS Auto Ticket Generation – Multi-State Rollout

Auto ticket creation from centres through RMS for various parameters is now enabled across selected centres in all states. This eliminates manual reporting—RMS will automatically alert Saura-eMitra to issues as they occur. Following successful completion of pilot phase 2, all centres with RMS installed will transition to auto ticket generation mode.





स्वास्थ्य एवं
परिवार कल्याण मंत्रालय
MINISTRY OF
HEALTH AND
FAMILY WELFARE



SELCO Foundation



IKEA Foundation



WAVERLEY ST FOUNDATION



Deloitte.



A CSR Initiative of



SONY

COMMUNICATIONS PARTNER

