



WRI INDIA



Catholic Health
Association of India

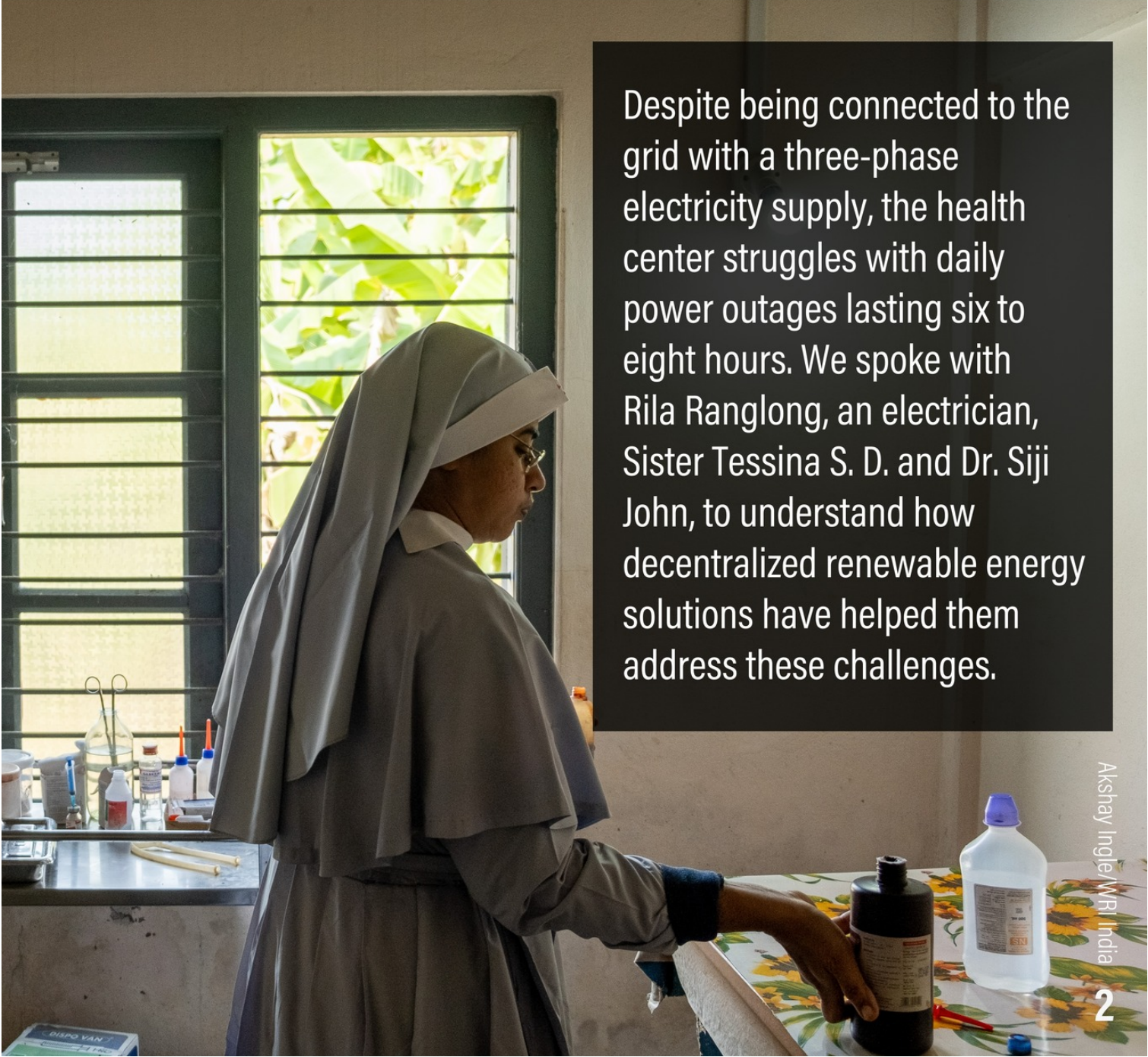


HSBC


POWERING HEALTHCARE

St. Joseph's Community Health Centre, situated in a remote area of Karimganj District, Assam, plays a vital role in providing healthcare services to 10,000 patients each month from Assam, Tripura, and Mizoram.





Despite being connected to the grid with a three-phase electricity supply, the health center struggles with daily power outages lasting six to eight hours. We spoke with Rila Ranglong, an electrician, Sister Tessina S. D. and Dr. Siji John, to understand how decentralized renewable energy solutions have helped them address these challenges.



“ We did not even have a road until 2007 and no electricity. The location is so remote that we would go out and stand on the main road to take calls because there was no network. ”

“ During the rainy season, uprooted trees often disrupt the grid lines, leading to power outages lasting up to three to four days, and occasionally up to a week. During these periods, we would rely on candles and torches to carry out our work. ”



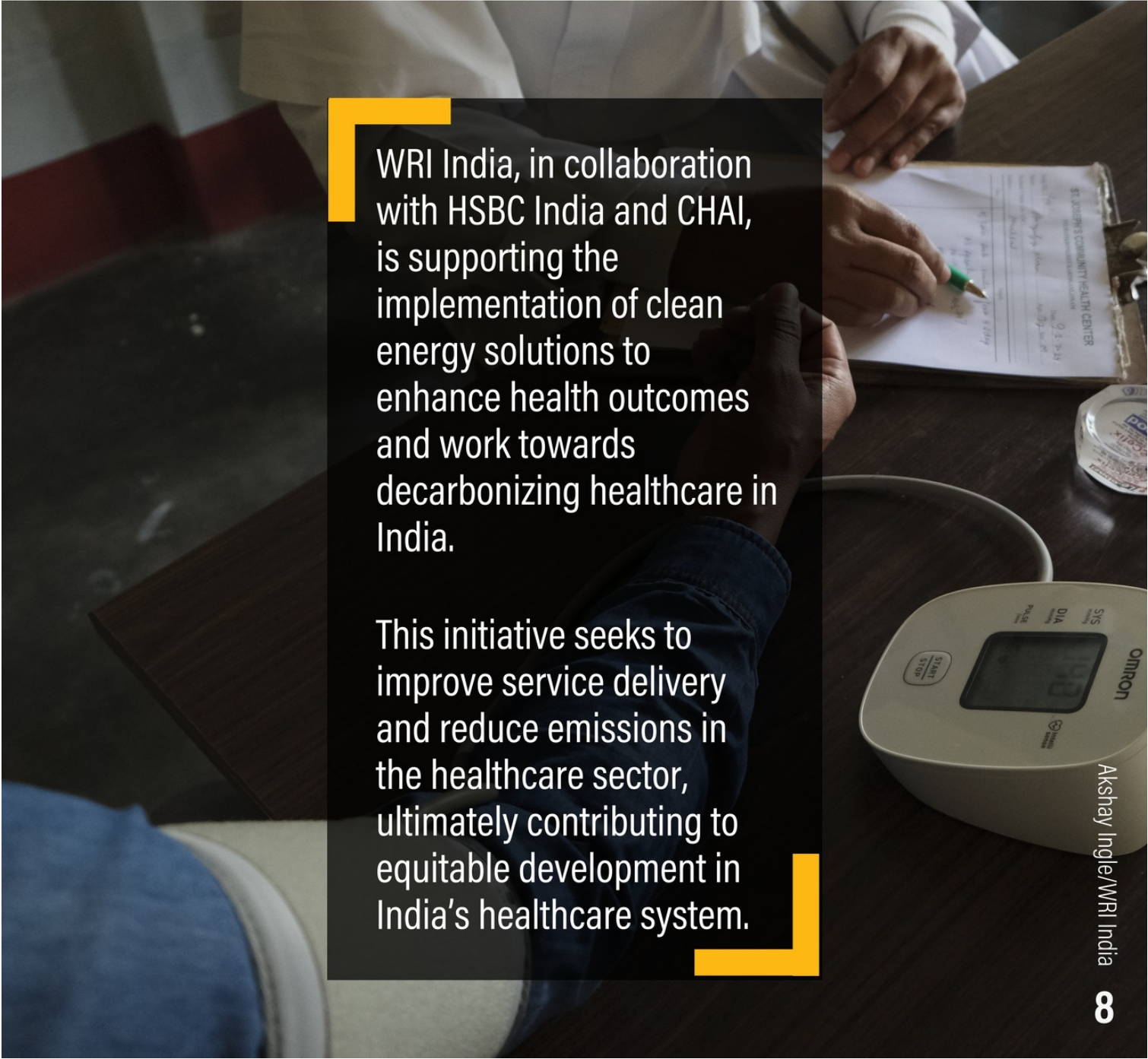
The health center now has reliable power supply through a three-phase 5 kWp solar PV system with 18 kWh battery storage. The system was installed with support from WRI India, in collaboration with HSBC India and the Catholic Health Association of India (CHAI).



“ Now, we don't even realize when we have a power cut. We realize it only when we go back home. ”

“ With the newly installed gel batteries, the need for adding distilled water every few months is eliminated. This will significantly reduce our maintenance efforts moving forward. ”





WRI India, in collaboration with HSBC India and CHAI, is supporting the implementation of clean energy solutions to enhance health outcomes and work towards decarbonizing healthcare in India.

This initiative seeks to improve service delivery and reduce emissions in the healthcare sector, ultimately contributing to equitable development in India's healthcare system.