

POWERING HEALTHCARE



Seva Nivas Hospital

Seva Nivas Hospital in Dhekiajuli, Assam, serves over 5,000 patients each month. Situated amidst tea gardens, it primarily caters to workers from nearby tea plantations.


SEVA NIVAS HOSPITAL

Despite being connected to the grid via a three-phase system, the hospital faces daily power outages lasting an hour or two. To mitigate this, they installed a 20 kVA diesel generator, incurring a monthly fuel cost of Rs. 4,000.


We spoke with Sebestain Nag, an electrician and Sisters Reena Edakara and Alphonsa Augustine from the hospital about their experiences and challenges with powering healthcare services.

“ Until recently, we did not have a generator or inverters, so we would use lanterns in the hospital during power cuts at night.

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The hospital now has a reliable power supply from a 15 kWp solar PV system with 54 kWh of battery storage. The system was installed with support from WRI India in collaboration with HSBC India and the Catholic Health Association of India.



“ The grid connection is not sufficient because it is unreliable and diesel generators or invertors come at a cost. Now, we are hoping to connect more appliances to solar. ”



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The good part (about solar power) is that we have electricity all the time. We can power our computers, medicine storage, male ward and testing laboratory with solar.

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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.