Project Completion Report (PCR)

Project Title: A Path to Sustainable Growth
Implementation Period: December 2024 – 31st March 2025

Implementing Organization: Akhil Gramin Yuva Vikash Samiti
Supported by: IIFL Samasta Finance Ltd.
Project Location: Kanti & Marwan blocks of Muzaffarpur, District
Report Submission Date: 14-04-2025
Prepared by: Satya Prakash, Head of Operations

1. Executive Summary

The project **"A Path to Sustainable Growth"**, implemented by **Akhil Gramin Yuva Vikash Samiti** with generous support from **IIFL Samasta Finance Ltd.**, aimed to improve access to clean energy in rural Bihar. From **December 2024 to March 31st, 2025**, the project successfully installed **solar-powered infrastructure** in **government schools** and **government public health centers/sub-centers** to ensure uninterrupted education and healthcare services. In addition, solar street lighting improved public safety and mobility in the communities. This initiative aligns with national goals of sustainable development and clean energy adoption.

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2. Project Objectives

- Improve educational quality through solar-powered digital learning in government schools.
- Enhance healthcare delivery by ensuring uninterrupted electricity in public health centers.
- Promote renewable energy as a sustainable development tool in underserved areas.
- Build local capacity for system maintenance and foster community ownership.

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3. Key Activities Undertaken

- **Solar Street Lighting:**
  Installed **100 solar street lights** in strategic village locations, improving safety, visibility, and promoting extended evening activities.
- **Solar-Powered Education Support:**
  Installed **05 solar-powered digital education panels** in **government schools**, helping students access interactive and curriculum-based e-learning content.
- **Health Infrastructure Support:**
  Installed **10 solar-based inverter systems** in **government public health centers and sub-centers**, ensuring 24x7 electricity for critical services like maternity care, emergency treatments, and cold-chain maintenance for vaccines.
- **Capacity Building & Community Engagement:**
  Trained school and health center staff along with selected community youth in basic maintenance and system care. Conducted awareness sessions to build local engagement and responsibility.

Direct Beneficiaries of the Project

Program	Village / Center / School Name	Block Name	Panchayat Name	Direct Beneficiaries
Solar Street Light Coverage (100 Solar Street Lights)	Godai Phulkahan	Kanti	Godai Phulkahan	3,365
	Maniphlulkahan East	Kanti	Maniphlulkahan	1,031
	Maniphlulkahan West	Kanti	–	1,031
	Sherukahi	Kanti	Sherukahi	2,647
	Manikpur Narottam	Kanti	Manikpur Narottam	2,072
	Sirsiya	Kanti	–	635
	Badkagaon South	Marwan	Basatpur	8,263
	Badkagaon North	Marwan	Badkagaon	8,045
	Kalwari	Kanti	Ramnath Dhauli	2,264
	Harchanda	Kanti	Harchanda	6,458
Subtotal (Solar Lights)				**36,811**
Solar-Powered Smart Classes (5 Government Schools)	Rajkiya Middle School – Maniphlulkahan	Kanti	Maniphlulkahan	225
	Rajkiya Middle School – Chhitarpatti	Kanti	Godai Phulkahan	184
	Rajkiya Middle School – Kalwari	Kanti	Ramnath Dhauli	403
	Rajkiya Middle School – Mubarakpur	Kanti	Sherukahi	244
	Rajkiya Middle School – Bastpur Sherna	Kanti	Manikpur Narottam	309
Subtotal (Smart Classes)				**1,365**
Solar Power Inverters (Health & Wellness Centers)	HWC – Godai Phulkahan	Kanti	Godai Phulkahan	3

	HWC – Singar Phulkahan	Kanti	Maniphlulkahan	3
	HWC – Sherukahi	Kanti	Sherukahi	3
	HWC – Bhatauna	Marwan	Bhatauna	2
	HWC – Wariarpur	Kanti	Manikpur Narottam	2
	HWC – Raksa	Marwan	Raksa	3
	HWC – Badkagaon	Marwan	Badkagaon	3
	HWC – Kalwari	Kanti	Ramnath Dhauli	2
	HWC – Rautinia	Marwan	Mahammadpur Sube	3
	HWC – Harchanda	Kanti	Harchanda	3
Subtotal (Health Centers)				**28**
Total Project Beneficiaries				**37,203**

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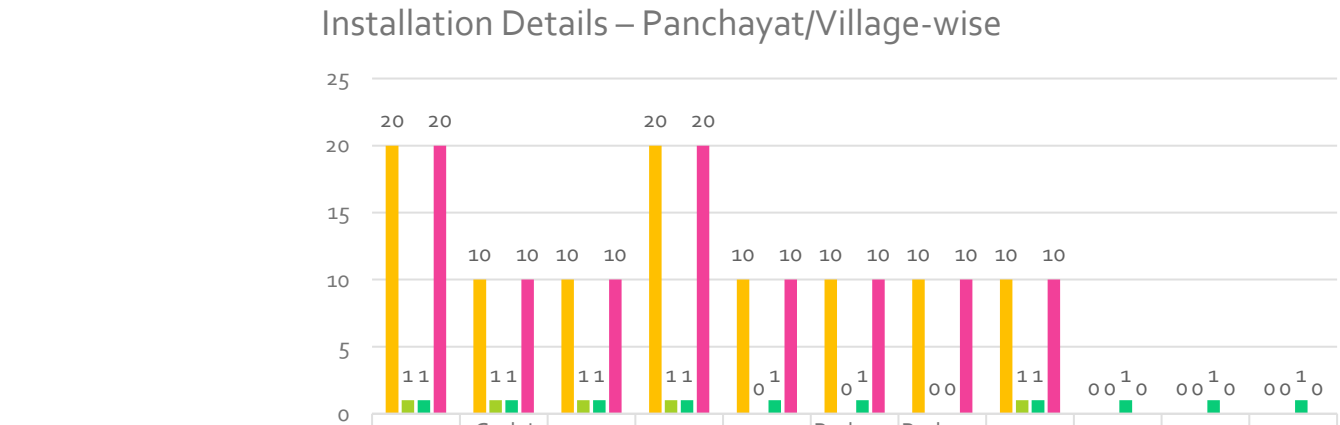
4. Achievements & Outcomes

- **100 solar street lights** now functional, improving mobility, safety, and reducing dependence on kerosene and other non-renewable sources.
- **05 government schools** equipped with solar-powered digital learning setups, benefitting over **1750** rural students with quality education resources.
- **10 government PHCs/Sub-centers** are now powered by reliable solar inverter systems, ensuring uninterrupted and safer health service delivery.
- Community sensitization has increased the understanding and acceptance of solar solutions.

- Reduced carbon footprint and environmental impact in the implementation areas.



	Manifulkahan	Godai Fulkahan	Sherna	Manikpur	Harchand	Barkagaon North	Barkagaon South	Kalvari	Bhatauna	Rauteniya	Raksha
Solar Light	20	10	10	20	10	10	10	10	0	0	0
DEP	1	1	1	1	0	0	0	1	0	0	0
PHC	1	1	1	1	1	1	0	1	1	1	1
Solar Light installed by Panchayat	20	10	10	20	10	10	10	10	0	0	0

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5. Challenges Faced

- Delayed access to remote installation sites due to weather and infrastructure constraints.
- Initial resistance to adopting unfamiliar technologies among staff.
- Minor technical glitches during post-installation testing.

Mitigation Measures:
Engaging local leaders, conducting live demonstrations, and offering timely technical support helped overcome these challenges effectively.

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6. Learnings & Best Practices

- Government institutions welcome sustainable energy solutions when trained and equipped appropriately.
- Digital learning is more impactful when technology is combined with teacher involvement.
- Involving local youth in system maintenance leads to long-term sustainability and cost-effectiveness.

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7. Sustainability

All systems have been handed over to the respective **government schools and health centers,** with user manuals and contact details for support. The local community is now equipped to manage basic troubleshooting.

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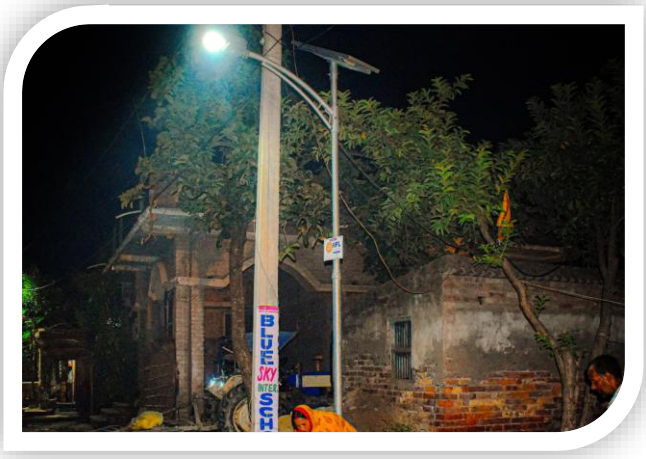
8. Annexures

- Annexure 1: Installation Photos




सोलर स्ट्रीट लाइट
IIFL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