SOLAR POWERING HEALTHCARE

SolarAid


ABOUT US

CHARITY + BUSINESS

INNOVATION TO BRIDGE THE GAP

TO DATE : 2.2M SOLAR LIGHTS DISTRIBUTED


SOLAR POWERING HEALTHCARE

415
INSTALLATIONS

2020
COVID19 - RAPID DEPLOYMENT

PLUG AND PLAY SOLAR

LEARNINGS:

CHALLENGES + OPPORTUNITIES

TOO MANY SYSTEMS FAIL

Our own research together with Mzuzu University, Malawi (2021), showed a staggering 87.5% of health facilities had solar systems which had either failed completely or were underperforming

When a system fails:

- Who knows?
- Who trouble shoots?
- Who is responsible?
- Who pays?
- Who repairs?

CHALLENGES

MAINTENANCE

CHALLENGES

LACK OF ACCESS

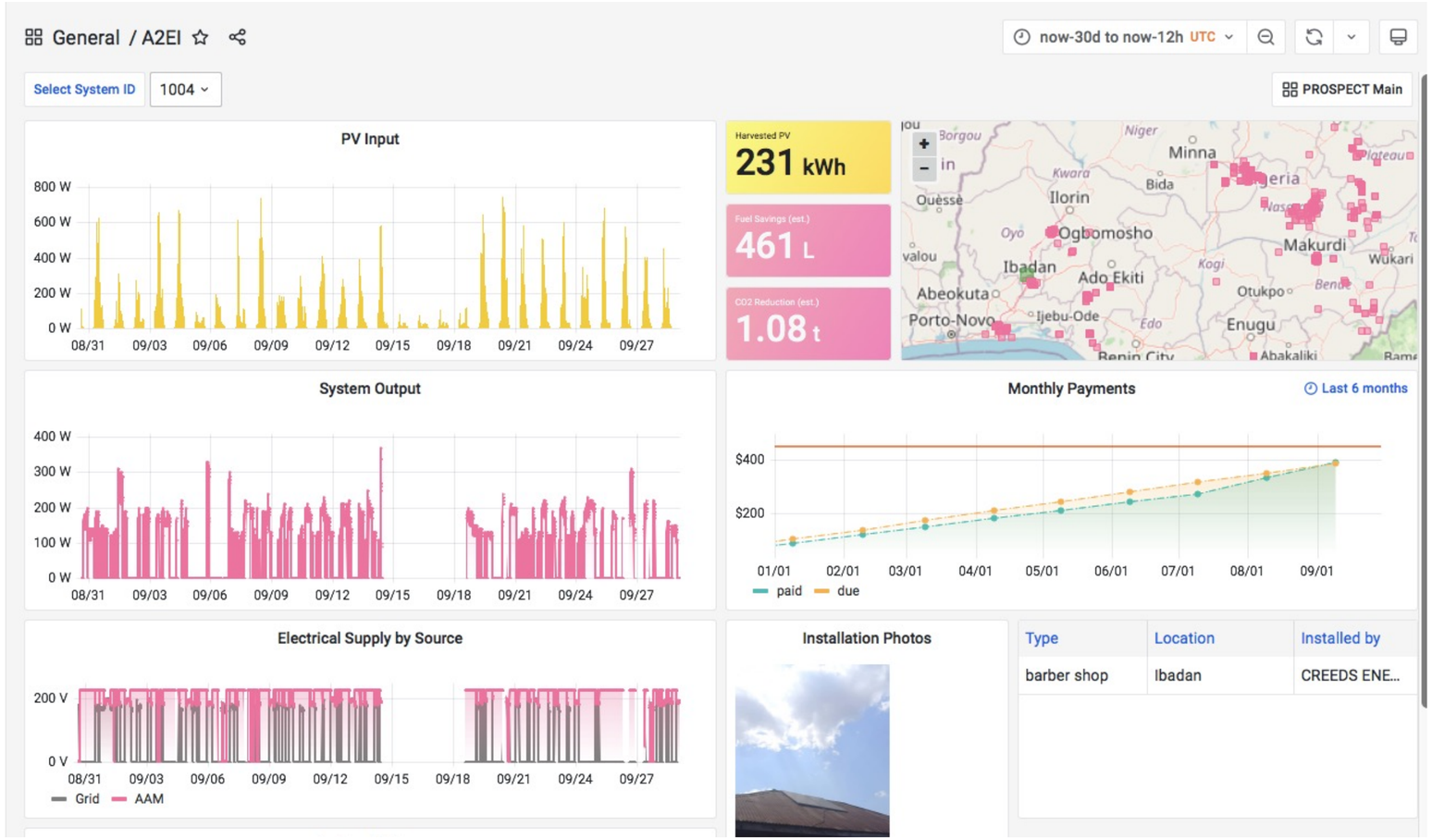
- Spare parts
- Trained technicians

CHALLENGES

RESPONSIBILITY

- Lack of coordination
- Lack of ownership

OPPORTUNITIES



ONLINE TRACKING + COORDINATION SYSTEMS

OPPORTUNITIES

UNDERSTANDING ENERGY NEEDS

OPPORTUNITIES

REMOTE MONITORING + SUPPORT

OPPORTUNITIES

PLUG AND PLAY

- Lower costs
- Energy efficient
- Rapid deployment
- Maintenance free

Possible interim solution

OPPORTUNITIES

EFFICIENT MEDICAL APPLIANCES AND LIGHTING

OPPORTUNITIES

SMART SOLAR COMPANIES NOW ACROSS AFRICA

- Maintenance / support
- Spares & repair
- Service models

OPPORTUNITIES

REFRIGERATION

Improving technology & affordability

OPPORTUNITIES

FINANCE STILL A PROBLEM, BUT…

- Business Models needed
- Energy as a service potential
- Low cost finance
- Subsidy potential

THANK YOU.

SolarAid

Get in touch:
john.keane@solar-aid.org