

Synopsis of check sheets and logbooks for PV system installed at Community Hall in Nyabiheke, Rwanda: July 2019 to March 2020*

This report provides a summary of the check sheets and logbooks completed by the field personnel in Nyabiheke, Rwanda, with regards to the usage of PV systems installed at the Community Hall. The report outlines the key issues identified as well as the energy usage pattern at the Hall for each month. The key feedback from users is also included.

I. Summary of check sheets

Month	Report
Aug 2019	<ol style="list-style-type: none"> 1. Check sheets were available for the week of 19th and 26th Aug. 2. No major issues were reported either week. All switches were not up on power houses' circuit protection trip switches. These were pulled up. 3. Some questions were unanswered.
Sep 2019	<ol style="list-style-type: none"> 1. Check sheets were available only for the weeks starting on 10th and 17th Sep. 2. In the week of 10th Sep, one light was not working. All switches were not up on power houses' circuit protection trip switches. These were pulled up. 3. The report from the week of 17th Sep was not translated.
Oct 2019	
Nov 2019	<ol style="list-style-type: none"> 1. Only 1 check sheet was available from 25th Nov to 9th Dec. Of the 2 pages, only 1 page was shared. All was reportedly ok.
Dec 2019	
Jan 2020	<ol style="list-style-type: none"> 1. In week 1,2 and 3, all was reportedly ok. 2. Week 4 check sheet was not available.
Feb 2020	<ol style="list-style-type: none"> 1. All was reportedly ok in all 4 weeks
Mar 2020	<ol style="list-style-type: none"> 1. All was reportedly ok in all 4 weeks

* This report serves as supplementary material for the paper titled 'Community-based solar energy interventions: lessons from two Rwandan refugee camps' by J.D. Nixon, K. Bhargava and E. Gaura

II. Summary of logbooks

Month	Users	Activities/Usage	Feedback
Aug 2019	Users included the youth and older men and women from the camp as well as the host community, and staff from local organizations	<ol style="list-style-type: none"> 1. Charging of phones, torch, radio, lamps, 2. Entertainment 3. Karate practice 4. PA and solar lantern beneficiary meetings 5. BBOX and PA meetings 6. Personal Studies 	<ol style="list-style-type: none"> 1. Logbooks were available from 19-31st Aug, 2019 2. The community was appreciative of the energy provision 3. They have requested for more sockets 4. Children used the hall to study
Sep 2019			<ol style="list-style-type: none"> 1. Logbooks were recorded in the local language between 10-23 Sep but not translated
Oct 2019	Users included students, youth and older men and women from the camp, youth from the host community, and Practical Action and BBOX staff	<ol style="list-style-type: none"> 1. Charging phones 2. Charging Radio, Torchlight, power bank, 3. Entertainment 4. Karate Practice 	<ol style="list-style-type: none"> 1. They have requested for more sockets 2. They were thankful for the light that enabled refugees to entertain themselves 3. They have requested for support in securing more chairs for use at the hall
Nov 2019	Users included students, youth and older men and women from the camp and youth from the host community and karate group	<ol style="list-style-type: none"> 1. Charging phones, radio, torch 2. Heating water with electric kettle 3. Watching TV 4. Karate practice 5. Business training for refugees 6. Refugees attending inkomoko training programme 	<ol style="list-style-type: none"> 1. Refugees used the hall to watch several TV programs. 2. They have requested for more sockets 3. They have requested for chairs at the hall
Dec 2019	Users included students, youth and older men and women from the camp, youth from the	<ol style="list-style-type: none"> 1. Watching TV 2. Training of refugees on soft loan usage by 'Inkomoko' 3. Employees workshop 	<ol style="list-style-type: none"> 1. Logbooks were not available between 17th-31st Dec 2. Refugees have requested for more sockets 3. They have requested for more chairs

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	host community, karate group, Humanity and Inclusion staff, and Plan International staff	<ol style="list-style-type: none"> 4. Wedding ceremonies 5. Charging phone and torches 6. Use of electric water heater 7. Karate practice 	
Jan 2020	Users included children, youth and older men and women from the camp	<ol style="list-style-type: none"> 1. Watching TV news, movies and football 2. Charging radio and batteries 3. Charging phone 4. Charging torch 5. Karate practice 	<ol style="list-style-type: none"> 1. Logbooks were not available between 21st-31st Jan 2. Refugees have requested for more sockets 3. They have requested for an improved sound system
Feb 2020		<ol style="list-style-type: none"> 1. Watching TV 2. Charging phone, radio, torch, 3. Inkomoko Training 4. Karate practice 	<ol style="list-style-type: none"> 1. Refugees have requested for more sockets
Mar 2020	Users included children, youth and older men and women from the camp, and UNCHR and ARC staff	<ol style="list-style-type: none"> 1. Inkomoko training 2. Charging of phone, torch, radio 3. Wedding ceremony 4. Watching TV 5. Meetings of MINEMA 6. Karate Practice 7. Outpatients waiting for medicine from ARC 	<ol style="list-style-type: none"> 1. Refugees have requested for more sockets

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