Sri Lanka® Carbon Crediting Scheme

# Monitoring Report

## HPL – Rooftop Solar PV Bundle Project

Horana Plantations PLC
No.400,
Deans Road, Colombo 10.

| | |
|---|---|
| Project Title | *HPL Rooftop Solar PV Bundle Project* |
| Version | *Version 03* |
| Report ID | *SLCCS/REG/0007/MR/CI/01* |
| Report Title | *HPL Solar PV Bundle Project Monitoring Report* |
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| Project proponent/s | *Horana Plantations PLC* |
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# 1. Description of Project Activity

## 1.1. Objective of the Monitoring

The purpose of a monitoring is to have quantification the amount of actual GHG reduction for specific period and make decision to have carbon neutrality. This project developer has authority to specify the period to be monitored. Monitoring report is the supporting document to independent verification of net GHG reduction during specific period to obtain Sri Lanka Certified Emission Reduction units (SCER).

## 1.2. Summary Description of the Implementation of this Project

Horana Plantations PLC has implemented grid connected Solar PV bundle Projects with the total cumulative capacity of 717$kW_p$ in five tea estates, Alton, Stockholm, Fairlawn, Gouravilla, Mahanilu located in Up-cot, Maskeliya, Nuwara-Eliya. As per the approved Carbon Management Assessment, the bundle project activity was to consist of seven project activities, however due to unexpected price escalation of the solar technologies, the installation of two projects were delayed by the management of Horana Plantations PLC.

The electricity generated from the project activity is being exported to the national grid and sold to Ceylon Electricity Board under a Standard Power Purchase Agreement. Horana Plantation PLC has selected photovoltaic solar power systems technology for its Solar PV Power Project.

The purpose of this project was to generate solar power through installing solar PV on rooftop of five tea factories owned by Horana Plantations PLC, Up-cot, Nuwara- Eliya District, Central Province and register these projects as a renewable energy generation bundle project under Sri Lanka Carbon Crediting Scheme (SLCCS). The first solar PV system of the registered bundle project activity was commissioned on 05/01/2022. When all projects are operational, the bundle project activity is generating 1218.35 MWh of solar power annually and exports to national CEB grid.

The monitoring period considered for this monitoring report is 05/01/2022 – 31/03/2023 within which the expected and actual GHG emission reductions are 821 tCO2e and 581 tCO2e respectively.

## 1.3. Sectoral Scope and Project Type

Most of the proposed projects in CDM Sri Lanka come under small scale methodologies Type 1 Category 1.D which is renewable power generation for a grid is mostly relevant to project activity entails with renewable energy generation using the rooftop solar photovoltaic systems and applicable to be registered under SLCCS in accordance with the small scale methodologies of CDM – AMS -1.D (Version 18.0) Grid Connected renewable energy generation.

## 1.4. Project Proponent

| | |
|---|---|
| Organization Name | *Horana Plantations PLC* |
| Contact Person | *Mr. Tharindu Weerakoon* |
| Title | *Manager – Sustainability & Certifications* |
| Address | *No. 400, Deans Road, Colombo 10.* |
| Telephone | *0702128762* |
| Fax | *0112627000* |
| E-mail | *tharindu@hplnet.com* |

## 1.5. Other Entities Involved in the Project

| | |
|---|---|
| Organization Name | *Alton Estate* |
| Role in the project | *Contractor for supply, installation and commissioning of Solar PV system at Alton Estate* |
| Contact Person | *Mr. Anushka Wanniarachchi* |
| Title | *Manager* |
| Address | *Alton Estate, Upcot* |
| Telephone | *0702128726* |
| Fax | *-* |
| E-mail | *altonestate@horanaplantations.lk* |

| | |
|---|---|
| Organization Name | *Stockholm Estate* |
| Role in the project | *Contractor for supply, installation and commissioning of Solar PV system at Stockholm Estate* |
| Contact Person | *Mr. Pradeep Sudarshan* |
| Title | *Manager* |
| Address | *Stockholm Estate, Upcot* |
| Telephone | *0702128708* |
| Fax | *-* |

| | |
|---|---|
| E-mail | stockholmestate@horanaplantations.lk |

| | |
|---|---|
| Organization Name | *Fairlawn Estate* |
| Role in the project | *Contractor for supply, installation and commissioning of Solar PV system at Fairlawn Estate* |
| Contact Person | *Mr. Dinuk Fernando* |
| Title | *Manager* |
| Address | *Fairlawn Estate, Upcot* |
| Telephone | *0716448097* |
| Fax | *-* |
| E-mail | *fairlawnestate@horanaplantations.lk* |

| | |
|---|---|
| Organization Name | *Gouravilla Estate* |
| Role in the project | *Contractor for supply, installation and commissioning of Solar PV system at Gouravilla Estate* |
| Contact Person | *Mr. Chamilka Kirinda* |
| Title | *Manager* |
| Address | *Gouravilla Estate, Upcot* |
| Telephone | *0702128707* |
| Fax | *-* |
| E-mail | *gouravillaestate@horanaplantations.lk* |

| | |
|---|---|
| Organization Name | *Mahanilu Estate* |
| Role in the project | *Contractor for supply, installation and commissioning of Solar PV system at Mahanilu Estate* |
| Contact Person | *Mr. Dhanushka Wijayahena* |
| Title | *Manager* |
| Address | *Mahanilu Estate, Upcot* |
| Telephone | *0701361285* |
| Fax | *-* |

| | |
|---|---|
| E-mail | mahaniluestate@horanaplantations.lk |

## 1.6 Project Start Date

| Site No | Site Location | Project Start Date |
|---|---|---|
| 1 | Alton Estate | 07/08/2021 |
| 2 | Stockholm Estate | 12/08/2021 |
| 3 | Fairlawn Estate | 12/08/2021 |
| 4 | Gouravilla Estate | 14/08/2021 |
| 5 | Mahanilu Estate | 13/08/2021 |

## 1.7 Project Crediting Period

The crediting period is the period for which the credits for emission reductions are expected. A maximum of seven years from 05/01/2022 which may be renewed at most two times provided that, for each renewal, a designated operational entity recognized by SLCCS determines and informs the Executive Board that the original project baseline is still valid or has been updated taking account of new data where applicable.

## 1.8 Registration date of the project activity

The project was registered under SLCCS on 11 July 2022

## 1.9 Project track and credit use

The project activity is registered under TRACK I, since all project activities have been started newly with the objective of generating renewable energy and GHG emission reductions. The offsets achieved through the project activity is used either for internal offsetting or trading purposes.

## 1.10 Project Location

| | |
|---|---|
| Location of Project Activity | *Up-cot (Alton, Stockholm, Fairlawn, Gouravilla, Mahanilu estates)* |
| Province | *Central Province* |
| District | *Nuwara Eliya* |
| DS Division | *Ambagamuwa* |
| City/Town | *Maskeliya* |
| Community | *Up-cot* |

| | | | |
|---|---|---|---|
| Coordinates | *Alton* | $6^0$ 47'18 "N | $80^0$ 37' 12'' E |
| | *Stockholm* | $6^0$ 49'00 "N | $80^0$ 36' 03'' E |
| | *Fairlawn* | $6^0$ 51'37 "N | $80^0$ 36' 52'' E |
| | *Gouravilla* | $6^0$ 55'13 "N | $80^0$ 36' 15'' E |
| | *Gouravilla* | $6^0$ 55'13 "N | $80^0$ 36' 15'' E |

## 1.11 Title and Reference of Methodology

Title: Grid connected renewable electricity generation

Reference Methodology: CDM- AMS-1.D/Version 18.0/EB 81

## 1.12 Participation under other GHG Programs

The project activity has not been registered under any other program.

## 1.13 Other Forms of Credits

This project has not been sought or received another form of GHG – related environmental credit, including renewable energy certificates.

## 1.14 Sustainable Development

This renewable energy generation facility is able to reduce the contribution from thermal electricity generation to meet the electricity demand. Unlike in thermal power plants, this project is positively contributing to the electricity demand without compromising the ability of future generations to meet their own needs. The implementation of this project activity would contribute to the sustainable development of the region in the following ways.

**Social well being**

This project contributes an indirect impact on social wellbeing as there are no direct employment opportunities created but harnessing solar energy reduces the use of environmentally polluted petroleum products for power generation at the National level.

**Economic well-being**

No extra cost for mounting structures has been invested as Horana Plantations PLC already had the structures constructed for carbon neutral process when the Solar PV projects initiated. Therefore, extra land utilization has not been required for the project. It saves lands that can be used for other purposes in the area.

**Environmental well-being**

This project activity is to use the available solar potential in seven locations for the power generation process, which has no associated GHG emissions. The project contributes to an improvement of the local environment through reducing emissions such as SOx and NOx from thermal power plants which have to be operated to generate an equal amount of power. This certainly has a positive impact on the environment both at the local and global level.

**Technological well-being**

The project activity has used the reliable and proven technology available locally to ensure that an environmentally safe technology is only being implemented in this project activity.

# 2. Implementation Status

## 2.1 Implementation Status of the Project Activity

As per the SLCCS approved CMA dated 11July 2022, it was planned to install rooftop solar PV systems at seven (07) facilities owned by Horana Plantation PLC in Up-cot, Nuwara-Eliya District, Central Province in Sri Lanka. The total cumulative capacity of these project was 967.19 KWp. However, due to unexpectedly delayed approval process from CEB, the management made a decision to postpone the installation of a couple of solar systems that were initially approved for installation at Bambrakelly Estate and Eildon Hall Estate facilities. The supporting evidence for this management decision is provided in the attached Annex. 01.

| No | Location | Capacity (KWp) | Implementation Status |
|---|---|---|---|
| 1 | Fairlawn Estate | 143.38 $KW_p$ | Operational |
| 2 | Gouravilla Estate | 143.40 $KW_p$ | Operational |
| 3 | Mahanillu Estate | 143.64 $KW_p$ | Operational |
| 4 | Alton Estate | 143.38 $KW_p$ | Operational |
| 5 | Stockholm Estate | 143.38 $KW_p$ | Operational |
| 6 | Bambrakelly Estate | 125 $KW_p$ | Pending |
| 7 | Eildon Hall Estate | 125 $KW_p$ | Pending |
| | Total Capacity (Tc) | 967.19 $KW_p$ | |

Project activity produces electricity from the solar radiation. Hence it eliminates the generation of carbon dioxide which was happening earlier due to the fossil fuel burning from thermal power plants sites in the National Grid. Thus, the technology eliminates use of fossil fuel for generation of electricity, uses solar radiation and helps in

avoidance of CO2 emissions. The estimated annual power generation output of this bundle project is MWh which is exported to the national electricity grid of Ceylon Electricity Board. This replaces an equal amount of fossil fuel dominated power in the National Grid. Once all project are commissioned and operational, the total annual energy generation was estimated to be 1218.35 MWh. The total emission reduction corresponding to the annual energy generation is 902 tCO2e.

Prior to this project activity, there were no solar power projects belonging to project participant in the aforesaid locations. Emission reductions due to the project activity are considered to be equivalent to the emissions avoided in the baseline scenario by displacing the grid electricity. Emission reductions are related to the electricity exported by the project and the actual generation mix in the grid system. Leakage Management is not applicable for HPL Solar PV Bundle project developed by Horana Plantations PLC.

## 2.2 Deviations

### 2.2.1 Methodology Deviations

No change in methodology and Methodology AMS-I.D Version 18.0 is further applicable.

### 2.2.2 Project Description Deviations

No any changes

# 3. Safeguards

## 3.1 No Net Harm

As the project has been carried out in already constructed structures and all the structures have been constructed under approvals for all prevailing terms and regulations govern in Sri Lanka, especially for solar PV project does not require the analysis of environmental impact assessment. Therefore, under prevailing regulations in Sri Lanka, the project has been implemented.

## 3.2 Local Stakeholder Consultation

The project activities are not implemented in the community-owned or related premises, the facilities are fully owned by Horana Plantations PLC. Thus, projects do not lead to community issues and therefore the stakeholder consultation process was not executed as a part of the project activities.

## 3.3 AFOLU-Specific Safeguards

Not Applicable

# 4. Data and Parameters

## 4.1 Data and Parameters Available at Validation

| | |
|---|---|
| Data / Parameter | Grid emission factor (EFy) |
| Data unit | CO2/ MWh |
| Description | Grid emission factor calculated using methodological tool to calculate the emission factor for an electricity system. |
| Source of data | Table 9.4 and Figure 9.1: Grid Emission Factors of Sri Lanka by Energy balance 2019 published by Sustainable Energy Authority (See annex 02) |
| Value applied | 0.7404 tCO2e/MWh |
| Justification of choice of data or description of measurement methods and procedures applied | Baseline emission factor is calculated as combined margin, consisting of a combination of operating margin (OM) and build margin (BM) factors. |
| Purpose of Data | Calculate the emission reduction |
| Comments | |

## 4.2 Data and Parameters Monitored

| | |
|---|---|
| Data / Parameter | Average Energy Output (EGy) |
| Data unit | MWh/year |
| Description | Quantity of net electricity export to the grid as a result of the implementation of the proposed projects activity in the year y for five project activities. |
| Source of data | This parameter was continuously monitored and recorded. Monthly electricity export voucher issued by CEB/LECO or available real time monitoring software can use to recheck. |
| Description of measurement methods and procedures to be applied | Net electricity supplied to the grid would be calculated based on export & import data (Net electricity supplied to grid = Export electricity – Import electricity) when net plus connection is available all the generated electricity will be export to the Grid where Net Plus connections are available. The export or/and import energy are measured continuously using Main meter when Net Plus system available and Real Time software will use at Net plus system available sites and readings of meters/portal shall be taken on monthly |

| | |
|---|---|
| | basis at appointed day and hour (time) by authorized officer and recorded in log book on monthly basis. |
| Frequency of monitoring/recording | Monthly |
| Value applied | 593.0 MWh/year for year 2022<br>192.3 MWh/year from year 2023 |
| Monitoring equipment | Energy meter Accuracy class of the meter class 01. |
| QA/QC procedures to be applied | The meter is properly calibrated and maintained in order to ensure accuracy. Testing/Calibration interval: Annually by CEB; Cross checking of the data with the cheque received from CEB for exported electricity to the grid. |
| Purpose of data | Calculate baseline emission |
| Calculation method | Direct observation |
| Comments | |

## 4.3 Description of the Monitoring Plan

The inverters of HPL Solar PV Bundle Project which was installed by Hayleys Feltons (Pvt) are SMA make; they have provided access to the online portal of SMA for real-time monitoring of the system. Monthly production details are monitored and the performance changes are identified and informed to the CEB to be rectified.

In regional sites, Estate Managers are responsible for maintaining the data records, ensuring completeness of data and reliability of data (calibration of equipment), recording for all the parameters as well as communicating with the General Manager (CA) through regional General Manager. Required technical trainings and knowledge sharing sessions have conducted at the initial stage and plan to have more session's correspondingly.to uplift the solar power generation and its basic technical knowledge.

Bill of the Ginigathhena DE Office system where other Net plus system is installed issued by CEB Ginigathhena and these records are recorded in a log book by Electrical Engineer (Ginigathhena) before making the payment which is made by Manager (O&MGinigathhena) with EE recommendation. Also, these details will be cross checked with online portal in the future. If an error or reduction in production is identified against the monthly production records taken from the online portal/ frequent generate details, Electrical Engineer will be notified to M/s. Hayleys Feltons Pvt (Ltd) or CEB to take corrective actions accordingly.

Regarding the document control, the following procedures are followed:

- Documents should be stored either electronically or physically in a location with controlled access.

- Only authorized people should be able to view or modify the documentation. A log book of all the modifications should be kept. As a best practice, such a log book should contain.

- All records and payments should strictly follow the rules and regulation issued by Horana Plantations PLC.

As a monitoring tool Horana Plantation PLC has created an online WhatsApp platform to record daily solar meter readings via online web portal. The access is given to CEO and managers of each estate and authorized personnel and Head office Business Analyst is the coordinator of the Solar group and responsible for online records monitoring. If there is any error, deviation or misreading of meter values are found directly contact through the engineers and take immediate actions to correct and continual of normal proceedings.

# 5. Quantification of GHG Emission Reductions and Removals

## 5.1 Baseline Emissions

As per applied methodology, the baseline emission is the product of electrical energy baseline expressed in MWh of electricity produced by the renewable generating unit multiplied by the grid emission factor.

A baseline emission factor is calculated as combined margin, consisting of a combination of operating margin (OM) and build margin (BM) factors are extracted by Table 9.4 and Figure 9.1: Grid Emission Factors of Sri Lanka by Energy balance 2019 published by Sri Lanka Sustainable Energy Authority.

$$BE_y = EG_y \times EF$$

Where,

BEy= Baseline Emissions in year y (t CO2)

EGy = Quantity of net electricity supplied to the grid as a result of the implementation of the Clean Development Mechanism (CDM) project activity in year y (MWh).

EFy= CO2 Emission factor of the grid in the year 2019 (tCO2/ MWh)

Note: t CO2 is a ton of Carbon Dioxide emission

## 5.2 Project Emissions

Project emission may include the emissions associated with the project installation, operation and maintenance. As per the methodology applied, these emissions are not significant and attributable to the project activity, hence project emissions are reported as zero.

$$PEy = 0.$$

## 5.3 Leakage

Leakage occurs due to transfer of equipment from another activity. The equipment installed in the project activity is not transferred from any other activity. Hence leakage for this part is zero.

$$LEy = 0$$

## 5.4 Net of GHG Emission Reductions and Removals

The emission reduction achieved by the project activity is the difference between the baseline emission and the sum of the project emission and leakage.

$$ERy = BEy – PEy - LEy$$

Since LEy = 0;

PEy = 0; ERy = BEy

Therefore,

Emission reduction = Baseline Emissions in year y (t CO2)

| Year | Baseline emissions or removals ($tCO_2e$) | Project emissions or removals ($tCO_2e$) | Leakage emissions ($tCO_2e$) | Net GHG emission reductions or removals ($tCO_2e$) |
|---|---|---|---|---|
| 2022 (January to December) | *439.073* | *0* | *0* | *439.073* |
| 2023 (January to March) | *142.379* | *0* | *0* | *142.379* |
| Total | *581.452* | *0* | *0* | *581.452* |

## 5.5 Comparison of actual emission reductions with estimates in the CMA

| Item | Ex-ante Emission reduction Calculation for the monitoring period | Actual values reached during the monitoring period |
|---|---|---|
| Emission reductions ($tCO_2e$) (January 2022 to March 2023) | 821 | 581 |

## 5.6 Remarks on difference from estimated value in the CMA

The actual emission reduction has not exceeded the ex-ante emission reduction calculation provided in the approved CMA. Therefore, providing a justification is not essential.

# 06. Annexures

## Annex 01

Grid Emission Factor Calculation - SLSEA Energy Balance Report - 2019

**Calculation of Operating Margin**

| | 2016 | 2017 | 2018 | 2019 |
|---|---|---|---|---|
| Emissions from Power Plants (t-$CO_2$) | 3,114,853.6 | 3,438,963.6 | 2,529,709.6 | 3,552,816.2 |
| Net Electricity Generation (GWh) excluding low-cost must run power plants | 4,460.6 | 4,854.9 | 3,579.2 | 5,006.7 |
| Operating margin $CO_2$ emission factor (t-$CO_2$/MWh) | | | | |
| Three-year generation based weighted average | 0.6987 | 0.6993 | 0.7044 | 0.7084 |

**Calculation of Build Margin**

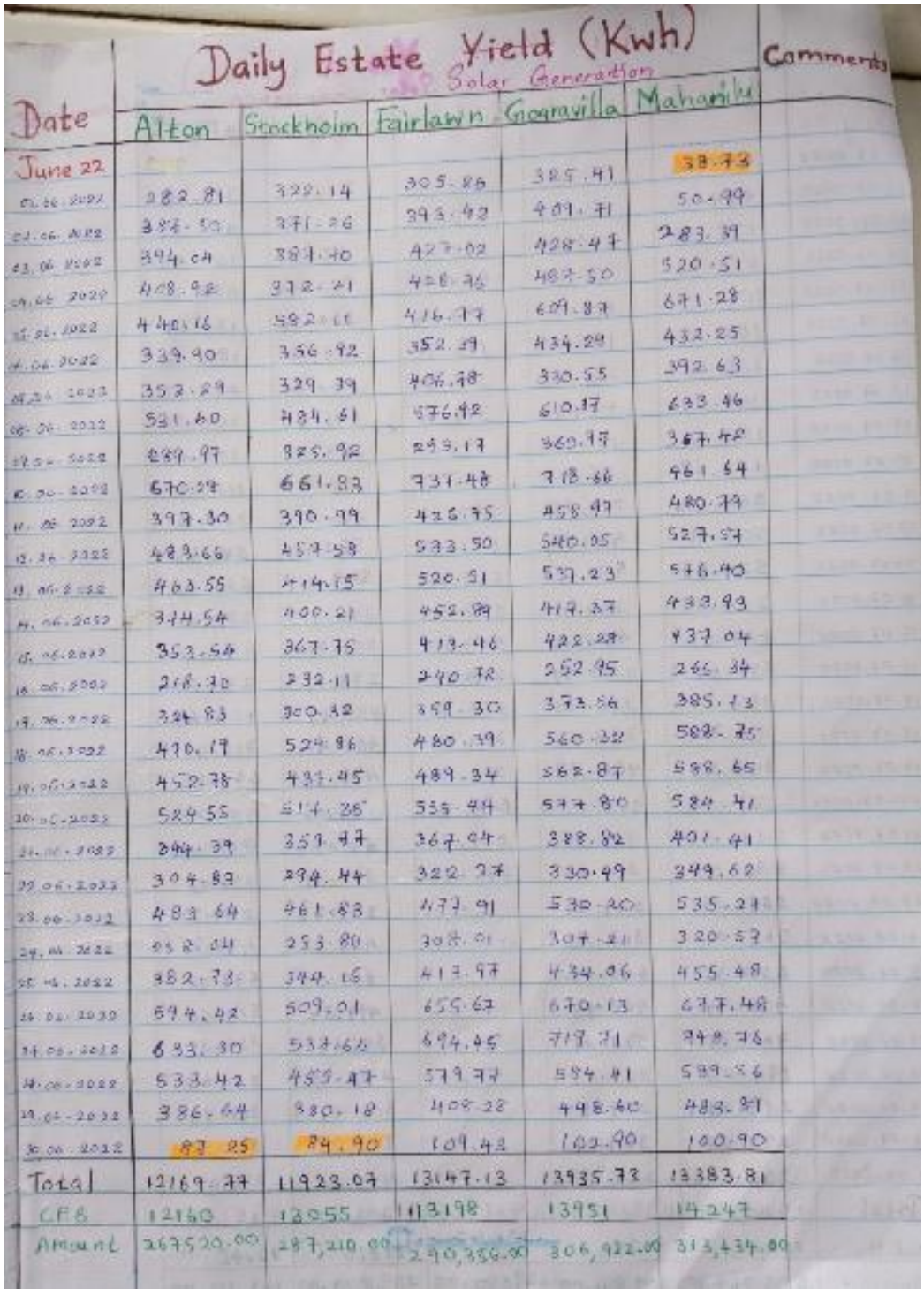
| | Unit | 2016 | 2017 | 2018 | 2019 |
|---|---|---|---|---|---|
| Emissions of power plants considered for the BM | tonnes of $CO_2$ | 4,203,018.6 | 3,595,191.6 | 3,508,911.2 | 4,266,621.5 |
| Generation of power plants considered for the BM | GWh | 4,467.1 | 3,897.9 | 4,208.8 | 5,101.3 |
| Build margin emission factor | t-$CO_2$/MWh | 0.9409 | 0.9224 | 0.8337 | 0.8364 |

**Calculation of Combined Margin**

| | 2016 | 2017 | 2018 | 2019 |
|---|---|---|---|---|
| For solar, wind Projects | 0.7593 | 0.7550 | 0.7368 | 0.7404 |
| All other Projects; 1st crediting period | 0.8199 | 0.8108 | 0.7691 | 0.7724 |
| All other Projects; 2nd - 3rd crediting period | 0.8803 | 0.8666 | 0.8014 | 0.8044 |

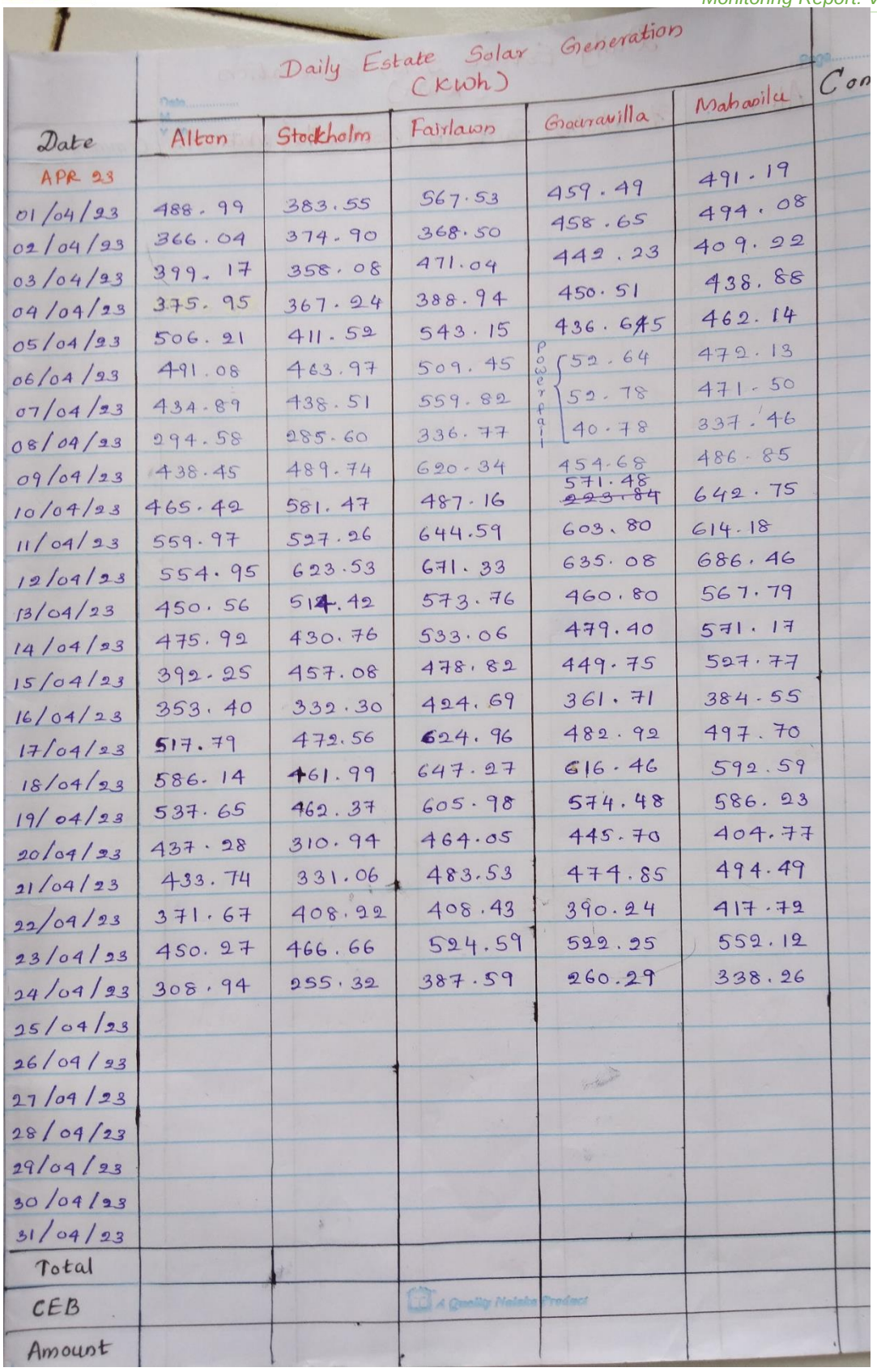
# Annex 02

Manually recorded facility level energy export data



Daily Estate Yield (Kwh)
Solar Generation

| Date | Alton | Stockholm | Fairlawn | Gramvilla | Mahamilu | Comments |
|---|---|---|---|---|---|---|
| June 22 | | | | | 38.73 | |
| 02.06.2022 | 282.81 | 329.14 | 305.86 | 385.41 | 50.99 | |
| 02.06.2022 | 388.50 | 371.26 | 393.42 | 409.31 | 283.39 | |
| 03.06.2022 | 394.04 | 381.40 | 427.02 | 428.47 | 520.51 | |
| 04.06.2022 | 408.92 | 372.21 | 428.76 | 487.50 | 671.28 | |
| 05.06.2022 | 440.16 | 492.66 | 416.77 | 609.89 | 432.25 | |
| 06.06.2022 | 339.90 | 356.92 | 352.29 | 434.29 | 392.63 | |
| 07.06.2022 | 353.29 | 329.39 | 406.78 | 330.55 | 633.46 | |
| 08.06.2022 | 531.60 | 484.61 | 576.42 | 610.17 | 367.42 | |
| 09.06.2022 | 289.97 | 325.92 | 293.17 | 360.19 | 461.64 | |
| 10.06.2022 | 670.29 | 661.83 | 731.48 | 718.66 | 480.79 | |
| 11.06.2022 | 397.30 | 390.79 | 426.75 | 458.97 | 527.57 | |
| 12.06.2022 | 483.66 | 457.58 | 533.50 | 540.05 | 576.40 | |
| 13.06.2022 | 463.55 | 414.15 | 520.51 | 537.23 | 433.93 | |
| 14.06.2022 | 374.54 | 400.21 | 452.89 | 417.37 | 437.04 | |
| 15.06.2022 | 353.54 | 367.76 | 413.46 | 422.28 | 266.34 | |
| 16.06.2022 | 218.30 | 232.11 | 240.78 | 252.95 | 385.13 | |
| 17.06.2022 | 324.83 | 300.32 | 359.30 | 373.56 | 508.75 | |
| 18.06.2022 | 490.19 | 524.86 | 480.39 | 560.32 | 598.65 | |
| 19.06.2022 | 452.78 | 437.45 | 489.34 | 562.87 | 584.41 | |
| 20.06.2022 | 524.55 | 514.26 | 555.44 | 577.80 | 401.41 | |
| 21.06.2022 | 344.39 | 359.47 | 367.04 | 388.82 | 349.62 | |
| 22.06.2022 | 304.89 | 294.44 | 322.27 | 330.99 | 535.24 | |
| 23.06.2022 | 483.64 | 461.83 | 477.91 | 530.20 | 320.57 | |
| 24.06.2022 | 252.04 | 253.80 | 308.01 | 307.21 | 455.48 | |
| 25.06.2022 | 382.73 | 344.16 | 417.97 | 434.06 | 477.48 | |
| 26.06.2022 | 594.42 | 509.01 | 655.67 | 670.13 | 448.76 | |
| 27.06.2022 | 693.30 | 538.62 | 694.45 | 719.71 | 589.56 | |
| 28.06.2022 | 533.42 | 459.47 | 579.77 | 554.41 | 483.91 | |
| 29.06.2022 | 386.64 | 380.18 | 409.28 | 448.60 | 100.90 | |
| 30.06.2022 | 83.25 | 84.90 | 109.43 | 102.90 | | |
| Total | 12169.77 | 11923.07 | 13147.13 | 13935.73 | 13383.81 | |
| CF8 | 12160 | 12055 | 13198 | 13951 | 14247 | |
| Amount | 267520.00 | 265,210.00 | 290,356.00 | 306,922.00 | 315,434.00 | |



Daily Estate Solar Generation (KWh)

| Date | Alton | Stockholm | Fairlawn | Gouravilla | Mahavilu |
|---|---|---|---|---|---|
| APR 23 | | | | | |
| 01/04/23 | 488.99 | 383.55 | 567.53 | 459.49 | 491.19 |
| 02/04/23 | 366.04 | 374.90 | 368.50 | 458.65 | 494.08 |
| 03/04/23 | 399.17 | 358.08 | 471.04 | 442.23 | 409.22 |
| 04/04/23 | 375.95 | 367.24 | 388.94 | 450.51 | 438.88 |
| 05/04/23 | 506.21 | 411.52 | 543.15 | 436.645 | 462.14 |
| 06/04/23 | 491.08 | 463.97 | 509.45 | Power fail 52.64 | 472.13 |
| 07/04/23 | 434.89 | 438.51 | 559.82 | Power fail 52.78 | 471.50 |
| 08/04/23 | 294.58 | 285.60 | 336.77 | Power fail 40.78 | 337.46 |
| 09/04/23 | 438.45 | 489.74 | 620.34 | 454.68 | 486.85 |
| 10/04/23 | 465.42 | 581.47 | 487.16 | 571.48 ~~223.84~~ | 642.75 |
| 11/04/23 | 559.97 | 527.26 | 644.59 | 603.80 | 614.18 |
| 12/04/23 | 554.95 | 623.53 | 671.33 | 635.08 | 686.46 |
| 13/04/23 | 450.56 | 514.42 | 573.76 | 460.80 | 567.79 |
| 14/04/23 | 475.92 | 430.76 | 533.06 | 479.40 | 571.17 |
| 15/04/23 | 392.25 | 457.08 | 478.82 | 449.75 | 527.77 |
| 16/04/23 | 353.40 | 332.30 | 424.69 | 361.71 | 384.55 |
| 17/04/23 | 517.79 | 472.56 | 624.96 | 482.92 | 497.70 |
| 18/04/23 | 586.14 | 461.99 | 647.27 | 616.46 | 592.59 |
| 19/04/23 | 537.65 | 462.37 | 605.98 | 574.48 | 586.23 |
| 20/04/23 | 437.28 | 310.94 | 464.05 | 445.70 | 404.77 |
| 21/04/23 | 433.74 | 331.06 | 483.53 | 474.85 | 494.49 |
| 22/04/23 | 371.67 | 408.92 | 408.43 | 390.24 | 417.72 |
| 23/04/23 | 450.27 | 466.66 | 524.59 | 522.25 | 552.12 |
| 24/04/23 | 308.94 | 255.32 | 387.59 | 260.29 | 338.26 |
| 25/04/23 | | | | | |
| 26/04/23 | | | | | |
| 27/04/23 | | | | | |
| 28/04/23 | | | | | |
| 29/04/23 | | | | | |
| 30/04/23 | | | | | |
| 31/04/23 | | | | | |
| Total | | | | | |
| CEB | | | | | |
| Amount | | | | | |

## Document Information

| Title of document | Monitoring Report |
|---|---|
| Document No | SLCCS-MON-FRM |
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## Revisions

| *Version* | *Date* | *Description* |
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| 01.0 | 21-08-2019 | Initial issuance |
| 02.0 | 20-10-2019 | Editorial changes |
| 03.0 | 02-02-2021 | Editorial changes |