CBAM Monitoring Plan

Cover information

Project name	Test Renewable Electricity
Company name	Green Energy Serbia d.o.o.
CBAM sector	Electricity
Country	Serbia
Monitoring Plan level	SIMPLE
Monitoring Plan version	1.0
Issue date	21.06.2026

1. Installation description

The installation **Solar Park Banat** is located in **Pančevo**, **Serbia**.

The installation address is: **Industrial Zone North**.

The installation is a 50 MW utility-scale photovoltaic power plant located in Serbia. Electricity is generated exclusively from solar energy using photovoltaic modules and exported to the interconnected transmission system through the Pančevo grid connection point.

The installation does not use fossil fuels and does not generate direct greenhouse gas emissions. Electricity quantities exported to the grid are measured using legally controlled electricity meters installed at the grid connection point. Monitoring activities focus on the determination and verification of exported electricity quantities and supporting export evidence required for CBAM reporting.

2. CBAM goods and CN codes

The following CBAM goods are covered by this Monitoring Plan. Product identification is based on CN classification and annual production data provided by the operator.

Commercial Product Name	CBAM Product	CN Code	Annual Production	Functional Unit
Electricity	Electrical energy	27160000	85000	MWh

3. Production processes and routes

The production routes covered by this Monitoring Plan are listed below. Each route is linked to the relevant CBAM goods and describes the main process steps within the installation boundaries.

Route Name	Route Type	Products Covered	Description
Solar photovoltaic generation	Renewable electricity generation	Electrical energy / CN 27160000	Electricity is generated from solar energy using photovoltaic modules and exported to the interconnected transmission grid.

4. Measurement devices

Monitoring data are obtained using the measurement devices listed below. The operator maintains records of calibration, maintenance and performance checks where applicable.

Instrument ID	Type	Source Stream	Location	Measured Quantity	Unit	Range	Uncertainty ±%	Typical Use
MD-01	Grid export meter	Not linked to a source stream	Grid connection point	Exported electricity	MWh	0 – 100000	0.2	50000

5. Electricity export evidence

The operator maintains documentary evidence supporting the use of actual emissions for electricity exported to the European Union. This evidence includes contractual, metering, hourly matching and transmission system documentation where applicable.

PPA available	Yes

PPA reference	PPA-EU-2026-001
Physical delivery required	Yes
Hourly data available	Yes
Metering system	TSO smart metering platform
Data retention period	10 years
Explicit capacity allocation	Yes
TSO nomination reference	EMS-NOM-2026-001
Evidence repository	CBAM Evidence Repository / SharePoint
Responsible person	Energy Manager
Evidence retention period	10 years

The operator shall retain evidence demonstrating the link between electricity production, contractual delivery, hourly metering data and export documentation. Where explicit capacity allocation is applicable, TSO nomination evidence shall be retained and made available for verification.

6. QA/QC and control activities

The operator applies the following QA/QC controls to ensure completeness, consistency, accuracy and reliability of CBAM monitoring data. Controls cover measurement devices, calculation factors, laboratory analyses, supplier data, ERP records, electricity data and internal review of monitoring results where applicable.

Control ID	Control Area	Control Activity	Frequency	Responsible Role	Evidence / Record
QC-01	Measurement devices	Verification of exported electricity quantities against TSO metering reports.	Monthly	Energy Manager	TSO metering reports
QC-02	Document control	Review of export evidence and supporting documentation.	Before reporting	CBAM Coordinator	Export evidence register

7. Data flow activities

The data flow activities described below define how monitoring information is collected, processed, reviewed and transferred into the final CBAM calculations and reports.

DFA ID	Data Item	Data Source	Collection Method	Processing System	Responsible Role
DFA-01	Exported electricity quantity	Electricity export meter	Monthly meter reading	TSO metering platform	Energy Manager

Additional Data Flow Information

DFA ID	Final Record	Evidence	Control Activity
DFA-01	Electricity export register	TSO metering reports	Monthly reconciliation of meter readings and TSO reports.

8. Roles and responsibilities

Roles and responsibilities relevant to the implementation, maintenance and review of this Monitoring Plan are listed below.

Role	Department	Responsibility	Backup Role	Evidence
CBAM Coordinator	Management	Maintains the Monitoring Plan and prepares CBAM reporting information.	Energy Manager	
Energy Manager	Operations	Collects electricity export data and verifies metering records.	CBAM Coordinator	

9. Review and update procedure

This Monitoring Plan shall be reviewed whenever significant changes occur that may affect the monitoring methodology, system boundaries, production routes, CBAM goods, precursor inputs, electricity consumption data, calculation factors, measurement systems or organizational responsibilities.

The operator shall assess the impact of any such changes on the monitoring methodology and, where necessary, update the Monitoring Plan and the associated monitoring procedures.

All revisions of the Monitoring Plan shall be documented and retained as part of the CBAM monitoring records. The current version of the Monitoring Plan shall be made available to personnel responsible for CBAM monitoring and reporting activities.