



**Verified Carbon
Standard**

GEZIN SOLAR POWER PROJECT



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Summary:

Verification purpose: This project activity generates clean form of electricity through Solar power source. Lahit Elektrik Üretim A.Ş. as a bundling agency has set up a 3.83 MW solar power project. The project involves installation and operation of 4 (GEZİN 3, GEZİN 4, GEZİN 5 and Solarges) solar power projects. The project activity is promoted by Lahit Elektrik Üretim A.Ş., Petrojes Elektrik Üretim A.Ş. and Solarges Elektrik Üretim A.Ş.. The project site is located in Maden district of Küçükova village, in Elazığ province of Turkey. The generated energy is fed into Gezin Distribution Center, which is connected to the grid through Hazar-1 Substation.

Start date of the project activity is 15/01/2018. This is the day on which GEZİN 3, GEZİN 4, GEZİN 5 solar power projects were commissioned. An undertaking has been submitted by PP for double counting confirming that no GHG reduction will be claimed in any other GHG mechanism for current monitoring period. Project activity undergoes continued operation and no major breakdown had taken place except routine maintenance.

This is 1st monitoring under VCS and covers this activity from 15/01/2018 to 31/08/2021 (inclusive both days). During the Current Monitoring Period the project activity has supplied 24,556 MWh of electricity to the electricity grid, and thus contributing to the GHG reductions 13,936 tCO₂e.

VCS crediting period is of 10 years. The start date of crediting period is 15/01/2018 and 14/01/2028 is the end date of the crediting period.

A risk-based approach has been followed to perform this verification activity. In the course of verification, 01 Corrective Action requests (CAR), 01 Clarification Requests (CLs) and 00 Forward action requests (FARs) were raised and successfully closed. The review of the monitoring report and additional documents related to baseline and monitoring methodology; the subsequent background investigation, follow-up interviews and PP have provided VVB with sufficient evidence to verify the fulfilment of the stated criteria of VCS.

LGAI Technological Center S.A. (Applus+ Certification) (Hereafter referred to as Applus+ Certification) has been appointed by “Life İklim ve Enerji Ltd. Şti.” to perform the 1st periodic verification of the “Gezin Solar Power Project” under VCS standard 4.1 and guideline version 4.0. The objective of this verification activity is to have an independent third party for the assessment of the project design, monitoring report and Final Verification report and to ensure a thorough assessment of the proposed project activity against the applicable CDM and VCS requirements. In particular;

- the project's baseline and monitoring plan is assessed against “Grid-connected electricity generation AMS I.D version 18.0”
- the project's compliance with, the requirements of Article 12 of the Kyoto Protocol, the CDM Modalities and Procedures as agreed in the Marrakech Accords under decision 3/CMP.1, the

annexes to this decision, subsequent decisions and guidance made by COP/MOP & CDM Executive Board and other relevant rules, including the Host Country legislation and sustainability criteria along with VCS guideline 4.0 and standard, version 4.1

- CDM Validation and Verification Standard for project activities, version 03.0
- CDM Project Standard for project activities, version 03.0
- CDM project cycle procedure for project activities, version 03.0
- VCS standard, version 4.1
- VCS guideline, version 4.0

Verification is a requirement for all VCS projects and is seen as necessary to provide assurance to stakeholders of the quality of the project and its intended generation of verified emission reductions (VERs).

The scope of the verification is the independent and objective review of the monitoring report (MR). The MR is reviewed against the relevant criteria (see above) and decisions by the CDM Executive Board and VCS executive board, including the approved baseline and monitoring methodology. The verification was based on the guidance given in the CDM Validation and Verification Standard for the project activities, version 03.0, review against registered PD and Final Validation report, CDM Project Standard for project activities, version 03.0; CDM Project Cycle Procedure for project activities, version 03.0 and VCS program guideline, version 4.0 and standard version 4.1.

The assessment team has employed a risk-based approach to assess the completeness and accuracy of the claims and conservativeness of the assumptions in the MR. The main focus of the assessment team is to identify the significant risks for the project implementation and the generation of VERs. The verification is not meant to provide any consulting towards the project participants. However, stated requests for clarifications and/or corrective actions may have provided input for improvement of the monitoring report combined.

The only purpose of the verification is its usage during the issuance process as part of the VCS project cycle. Therefore, LGAI Technological Center S.A. (Applus+ Certification) can't be held liable by any party for decisions made or not made based on the verification opinion, which will go beyond that purpose.

The verification has been planned and organized to achieve a reasonable Level of assurance as per the requirement of VCS. No sampling procedure applied for remote audit or document verifications. The entire documents checked/plant verification conducted to arrive at positive verification conclusions.

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1 INTRODUCTION

1.1 Objective

LGAİ Technological Center S.A. (Hereinafter referred as Applus+ Certification) has been appointed by “Life İklim ve Enerji Ltd. Şti.” to perform the 1st verification of the project entitled “Gezin Solar Power Project” under VCS standard version 4.1 and guideline version 4.0. The objective of this verification activity is to have an independent third party for the assessment of the project design, monitoring report and final verification report and to ensure a thorough assessment of the proposed project activity against the applicable CDM and VCS requirements. In particular;

- the project's baseline is assessed against “Grid-connected electricity generation AMS I.D, version 18.0”
- the project's monitoring plan is assessed against “Grid-connected electricity generation AMS I.D, version 18.0”
- the project's compliance with the requirements of Article 12 of the Kyoto Protocol, the CDM Modalities and Procedures as agreed in the Marrakech Accords under decision 3/CMP.1, the annexes to this decision, subsequent decisions and guidance made by COP/MOP & CDM Executive Board and other relevant rules, including the Host Country legislation and sustainability criteria along with VCS guideline, version 4.0 and standard version 4.1
- CDM Validation and Verification Standard for project activities, version 03.0
- CDM Project Standard for project activities, version 03.0
- CDM project cycle procedure for project activities, version 03.0
- VCS standard, version 4.1
- VCS guideline, version 4.0

Verification is a requirement for all VCS projects and is seen as necessary to provide assurance to stakeholders of the quality of the project and its intended generation of estimated verified emission reductions (VERs).

1.2 Scope and Criteria

The scope is defined as an independent and objective review of the Monitoring report (MR) prepared as per the registered PD and registered approved methodology Grid-connected electricity generation AMS I.D version 18.0. The MR is reviewed against the criteria stated in Article 12 of the Kyoto Protocol, the CDM modalities and procedures as agreed in the Marrakech Accords and the relevant decisions by the CDM Executive Board and VCS standard, version 4.1 and guideline version 4.0, including the approved baseline and monitoring methodology Grid-connected electricity generation AMS I.D, version 18.0. The verification was based on the requirements in the CDM validation and verification standard for project activities, version 03.0, CDM Project Standard for project activities, version 03.0, CDM project

cycle procedure for project activities, version 03.0 and VCS program guideline, version 4.0 and standard version 4.1

The verification is not meant to provide any consulting towards the project participants. However, stated requests for clarifications and/or corrective actions may have provided input for improvement of the Monitoring report. In line with Guidelines for Application of materiality in verifications, the verification team has conducted a complete verification of all the information presented in the monitoring report and data monitored as presented in the emission reduction calculation spread sheet. It follows the paper trail back to the raw data such as meter reading records and invoices. There are no material errors, overestimation of ER, omission or misstatement. The verification team has reviewed all the documents like commissioning certificates, Joint Balance Sheet, invoices etc.

1.3 Level of Assurance

The verification has been planned and organized to achieve a Reasonable Level of assurance as per the requirement of VCS. The entire documents checked/Power plant verification conducted to arrive at positive verification conclusions

1.4 Summary Description of the Project

The main purpose of this project activity is to generate clean form of electricity through Solar power source. Lahit Elektrik Üretim A.Ş., Petrojes Elektrik Üretim A.Ş. and Solarges Elektrik Üretim A.Ş. invested into a new Solar Power Project called Gezin Solar Power Project with capacity of 3.83 MW of solar power project in Maden district of Küçükova village, in Elazığ province of Turkey. The electricity generated from the project activity is fed into Gezin Distribution Center, which is connected to the grid through Hazar-1 Substation. The commissioning dates and geographic location is mentioned in section 4.1.

The Project activity is a Solar power plant, a renewable energy generation. The project will therefore displace an equivalent amount of electricity which would have otherwise been generated by fossil fuel dominant electricity grid.

During the Current Monitoring Period from 15/01/2018 to 31/08/2021 (First and last date included) the project activity has supplied 24,556 MWh of electricity, and thus contributing to the GHG reductions 13,936 tCO₂e.

2 VERIFICATION PROCESS

2.1 Method and Criteria

Verification Process: The project assessment is based on the Clean Development Mechanism Validation and Verification Standard for project activities, version 03.0 and VCS standard 4.1 and guideline, version 4.0 and is conducted using standard auditing techniques to assess the correctness of the information provided by the project participants. Before the assessment begins, members of the team covering the technical scope(s), sectoral scope(s), and relevant host country experience for evaluating the VCS project activity are appointed.

Once the project is received by the assessment team, the members of the assessment team carried out:

- I. A desk review of the monitoring Report against the registered PD;
- II. Follow-up interviews with project participant;
- III. The resolution of outstanding issues and the issuance of the final verification report and opinion.

The prepared verification report and other supporting documents then undergo an internal quality control at the HQ (Accredited office) before being submitted to the VCS executive board.

In order to ensure transparency, assumptions must be clear and stated explicitly and background material must also be referenced. LGAI Technological Center, S.A. (Applus+ Certification) has developed a specific checklist customized for the project. The checklist demonstrates, in a transparent manner, the project criteria (requirements), discussion on each criterion by the assessment team, and the results from verifying the identified criteria.

Appointment of the assessment team:

According to the sectoral scope / technical area and experience in the sectoral or national business environment, LGAI Technological Center S.A. (Applus+ Certification) has composed a project assessment team in accordance with the appointment rules in the internal Quality Management System of LGAI Technological Center S.A. (Applus+ Certification).

The composition of audit team shall be approved by the LGAI Technological Center S.A. (Applus+ Certification) ensuring that the required skills are covered by the team.

The four qualification levels for team members that are assigned by formal appointment rules are as presented below:

- Lead Auditor (LA).
- Auditor (A) / Auditor in Training (AiT).
- Technical Expert (TE).

- Technical Reviewer (TR).

The sectoral scope / technical area knowledge linked to the applied methodology/ies shall be covered by the assessment team.

Name	Role	SS Coverage	TA Coverage	Financial aspect	Host country experience
Pankaj Kumar	LA/TE	YES	YES	NA	YES
Mr. Simon Shen	TR	YES	YES	NA	NA

The complete list of CVs is included as Appendix 3 of this report.

Document review

The Monitoring Report version 1 submitted by the PP was reviewed against the approved methodology, registered PD, final validation report and other relevant criteria to verify the correctness, credibility, and interpretation of the presented information. Furthermore, a cross-check between information provided and information from other sources has been done. A complete list of all documents and evidence material reviewed is included in this report below in appendix 1.

Follow-up interviews

A remote audit was conducted by LGAI Technological Center S.A. (Applus+ Certification) who performed interviews, telephone conferences with project stakeholders to confirm selected information and to resolve issues identified in the document review. The detail is provided in this report in the below sections.

Resolution of Clarification and Corrective Action Request

The objective of this phase of the Verification was to resolve the requests for corrective actions and clarification and any other outstanding issues which need to be clarified for Applus+ Certification positive conclusion on the Monitoring report. The Corrective Action Requests and Clarification Requests raised by Applus+ Certification were resolved during communications between the Client and Applus+ Certification to guarantee the transparency of the verification process, the concerns raised and responses given are summarized below in the Appendix 2.

The final MR Version 02 submitted by PP on 07/10/2021 serves as the basis for the final assessment presented. Additional changes to the project during the verification process are not considered to be significant with respect to the main CDM/VCS objectives. The two CDM/VCS main objectives are the reduction of anthropogenic GHG emissions and the contribution of sustainable development to the host country

Internal quality control

As final step of a verification of the final documentation including the final verification report and the checklist have to undergo an internal quality control by the technical review committee, i.e. each report has to be finally approved either by the head of the technical review committee or the deputy. In case one of these two persons is part of the assessment team approval can only be given by the other one to avoid any conflict of Interest.

After confirmation of the project owners the positive verification opinion and relevant documents are submitted to the VCS secretariat through the VCS web-platform.

2.2 Document Review

The details of the document observed during the verification process are listed below in appendix 1 of this report.

2.3 Interviews

A remote audit was conducted for the project activity on 24/09/2021. Remote audit was conducted due to ongoing COVID-19 pandemic situation in India. Taking into account the rules of relevant national and local authorities (local to the DOE offices as well as to locality of the site visits), World Health Organization (WHO) recommendations, policies of the DOE and other relevant travel restrictions and guidance (for example, a requirement to self-isolate upon return). Moreover, The VCS Program does not explicitly mandate site visits as part of the validation and verification process, only that VVBs must achieve a reasonable level of assurance on all validations and verifications (per Section 4.1.2 of the VCS Standard, v4.1.

The VVB has taken alternative measures to reach reasonable level of assurance and conducted remote audit through Skype/Telephone with site personal & consultant (refer section 2.3) with the PP representative. This is also in line with the COVID-19 travel guidance for projects of VERRA.

Technical details & metering/monitoring arrangement verified through onsite photographs/name plates and calibration certificates shared by PP. All the documents were cross checked to ensure conservative estimation of emission reduction.

During the remote audit, the PP representatives were questioned about the implementation of the project activity. Several topics like the verification of commissioning date of meters, the generation, recording, and monitoring of the data and the error accountability were discussed. To cross check the information provided by PP, various documents like technical specifications, commissioning certificates, PPA, JMR sheets, invoice, calibration certificates, s, etc. were also verified. The names of the persons interviewed during remote audit through skype & telephonic interview is given below;

Organization	Name of Persons/Designation	Topics discussed	Team Member
Life İklim ve Enerji Ltd. Şti.	Mr. Kerem Aslan	Project activity implementation Operation, Calibration, O&M practices, JMR etc. LSC mechanism Mechanical maintenance Electrical maintenance Project description Invoicing practices	Pankaj Kumar
Lahit Elektrik Üretim A.Ş.	Mr. Ramazan Aslan	MR, ER calculations etc.	
Local Expert	Mr. Muhammed Hamza Sayginel	Project activity implementation Operation, Calibration, O&M practices, JMR etc. LSC mechanism Mechanical maintenance Electrical maintenance Project description Invoicing practices	
Local Stakeholder	Mr. Serhan Bozkurt	Grievance mechanism	

During the remote audit, the PP representatives/ O & M personal were questioned about the implementation of the project activity. Several topics like the verification of commissioning date of meters, the generation, recording, and monitoring of the data and the error accountability were discussed. Various documents like the JMR sheets, invoices, on-site Photographs includes solar PV panels name plates, meter specifications, key technical specifications of the major

equipment like panel etc. provided to assessment team were verified on skype video call to establish the current status and the implementation of the Project Activity.

2.4 Site Inspections

Duration of Remote Audit: 24/09/2021				
No.	Activity performed on-site	Site location	Date	Team member
1.	Assessment team checked the implementation of the project, Baseline emission, Emission reduction calculation, technical description of the project and Monitoring. Assessment team also checked that whether the monitoring plan as described in the VCS PD is actually practised onsite. Also assessment team checked any change in host country criteria which may affect the baseline of the project activity.	Küçükova village Maden district, Elazığ province, Turkey	24/09/2021	Pankaj Kumar

2.5 Resolution of Findings

The objective of this phase of the verification was to resolve the requests for corrective actions and clarification and any other outstanding issues which need to be clarified for LGAI Technological Center S.A. (Applus+ Certification)'s positive conclusion on the project design and Monitoring report. The Corrective Action Requests and Clarification Requests raised by LGAI Technological Center S.A. (Applus+ Certification) were resolved during communications between the Client and LGAI Technological Center S.A. (Applus+ Certification) to guarantee the transparency of the validation process, the concerns raised and responses given are summarized below in the appendix 2.

The final MR version 03 submitted by project owners on 07/10/2021 serves as the basis for the final assessment presented. Additional changes to the project during the verification process are not considered to be significant with respect to the main CDM/VCS objectives. The two CDM/VCS main objectives are the reduction of anthropogenic GHG emissions and the contribution of sustainable development to the host country.

Areas of verification findings	No. of CL	No. of CAR	No. of FAR
Project design document and Monitoring report	00	01	00
Description of project activity	00	00	00
Application of selected baseline and monitoring methodology and selected standardized baseline			
- Applicability of methodology and standardized baseline	00	00	00
- Deviation from methodology	00	00	00
- Clarification on applicability of methodology, tool and/or standardized baseline	00	00	00
Project boundary	00	00	00
Establishment and description of baseline scenario	00	00	00
Demonstration of additionality	00	00	00
Emission reductions	01	00	00
Calibration details	00	00	
Monitoring plan	00	00	00
No Net harm assessment	00	00	
Local stakeholder consultation	00	00	
Others (please specify)	00	00	00
Total	01	01	00

The list of findings and their resolution is presented in appendix 2 of this report.

2.5.1 Forward Action Requests

This is 1st periodic verification of the project activity and no FAR was raised during validation and this verification process.

2.6 Eligibility for Validation Activities

This section is not applicable for present verification, as Applus+ Certification holds the accreditation for Validation of projects under this Sectoral Scope.

3 VALIDATION FINDINGS

3.1 Participation under Other GHG Programs

The project activity is registered under VERRA (<https://registry.terra.org/app/projectDetail/VCS/1870>). As per MR and undertaking provided, PP would not consider the credit from any other mechanism for the current monitoring plan. The undertaking is provided to confirm that there is no any double accounting for current monitoring period. Further, Assessment team confirms that the project activity is not participating in any other form of environmental credits.

3.2 Methodology Deviations

The project activity used Grid-connected electricity generation from renewable source AMS I.D, version 18.0 which is as per the registered VCS PD and thus no deviation is sought regarding the methodology. The project complies with all the requirement of the methodology and thus deviation to the methodology is not a requirement for the present project activity.

3.3 Project Description Deviations

This is 1st monitoring period and no deviation in project description applicable for current monitoring period as checked from VERRA website

(<https://registry.terra.org/app/projectDetail/VCS/1870>)

3.4 Grouped Project

The project do not involve any addition of new project activity and thus the project do not falls under grouped project.

4 VERIFICATION FINDINGS

4.1 Project Implementation Status

During the remote audit, it was concluded through skype call that the project is implemented as per the instruction of the VCS PD and this is verified from the commissioning certificate. During the current monitoring period it was observed that no unforeseen situation evolved which can impact the operation of the project activity. The same was verified through the breakdown summary sheet of the project activity. Scheduled maintenance was carried out as per the instruction of the manufacturer and the same is acceptable to the assessment team.

Project location is confirmed by the assessment team through interview with PP by skype call during remote audit and assessment of monitoring report. Assessment team also checked the technical details of the project site containing latitude and longitude of the project site and confirmed that the details as mentioned in the registered PD are correct. The latitude and longitude of the project activity is given below;

Corner number of the Plant	Latitude (N)	Longitude (E)
GEZİN 3		
K1	38° 31' 57.3708"	39° 32' 51.5027"
K2	38° 31' 58.2852"	39° 32' 51.7527"
K3	38° 31' 58.8216"	39° 32' 51.9272"
K4	38° 31' 59.0196"	39° 32' 51.8946"
K5	38° 31' 59.5056"	39° 32' 51.8158"
K6	38° 31' 59.9736"	39° 32' 51.8816"
K7	38° 32' 00.1140"	39° 32' 51.8739"
K8	38° 32' 01.2660"	39° 32' 51.9450"
K9	38° 32' 01.7628"	39° 32' 53.1402"
K10	38° 32' 02.2560"	39° 32' 54.1220"
K11	38° 32' 00.6216"	39° 32' 55.5139"
K12	38° 31' 59.0556"	39° 32' 57.3363"
K13	38° 31' 57.3456"	39° 32' 59.1667"
K14	38° 31' 57.3492"	39° 32' 58.3217"
GEZİN 4		
K1	38° 32' 02.2632"	39° 32' 54.1324"
K2	38° 32' 02.6916"	39° 32' 56.4855"
K3	38° 32' 03.5052"	39° 32' 58.2243"
K4	38° 32' 03.9948"	39° 32' 59.5120"
K5	38° 32' 03.3468"	39° 33' 00.1368"
K6	38° 32' 02.1696"	39° 33' 00.7175"
K7	38° 32' 00.6684"	39° 32' 57.8645"
K8	38° 32' 00.2940"	39° 32' 58.1895"
K9	38° 31' 59.3184"	39° 32' 59.3529"
K10	38° 31' 58.0152"	39° 33' 00.6714"
K11	38° 31' 56.9424"	39° 33' 02.4266"
K12	38° 31' 56.3448"	39° 33' 00.2553"
K13	38° 31' 57.3456"	39° 32' 59.1829"
K14	38° 31' 59.0628"	39° 32' 57.3456"
K15	38° 32' 00.6252"	39° 32' 55.5237"

GEZİN 5		
K1	38° 32' 00.6648"	39° 32' 57.8818"
K2	38° 32' 02.1624"	39° 33' 00.7220"
K3	38° 32' 01.1328"	39° 33' 01.7995"
K4	38° 31' 58.4544"	39° 33' 06.2204"
K5	38° 31' 57.9036"	39° 33' 06.2273"
K6	38° 31' 57.8712"	39° 33' 06.4395"
K7	38° 31' 57.7200"	39° 33' 06.5667"
K8	38° 31' 56.7768"	39° 33' 02.7171"
K9	38° 31' 56.9460"	39° 33' 02.4406"
K10	38° 31' 58.0224"	39° 33' 00.6802"
K11	38° 31' 59.3256"	39° 32' 59.3623"
K12	38° 32' 00.3012"	39° 32' 58.1992"
SOLARGES		
K1	38° 31' 57.3708"	39° 32' 51.5027"
K2	38° 31' 57.3492"	39° 32' 58.3217"
K3	38° 31' 56.8920"	39° 32' 58.3505"
K4	38° 31' 56.8884"	39° 32' 59.2943"
K5	38° 31' 56.0784"	39° 33' 00.1625"
K6	38° 31' 56.6904"	39° 33' 02.3876"
K7	38° 31' 56.3880"	39° 33' 02.9315"
K8	38° 31' 55.9092"	39° 33' 02.7992"
K9	38° 31' 52.7988"	39° 33' 02.5574"
K10	38° 31' 52.8060"	39° 33' 01.2849"
K11	38° 31' 54.7932"	39° 33' 00.5817"
K12	38° 31' 55.7508"	39° 33' 00.2636"
K13	38° 31' 55.6104"	39° 32' 59.0844"
K14	38° 31' 55.9488"	39° 32' 57.7892"
K15	38° 31' 55.9812"	39° 32' 56.3804"
K16	38° 31' 55.7616"	39° 32' 54.9905"
K17	38° 31' 55.5168"	39° 32' 53.6271"
K18	38° 31' 55.4016"	39° 32' 52.5720"
K19	38° 31' 55.7148"	39° 32' 52.4068"
K20	38° 31' 56.1720"	39° 32' 51.9382"
K21	38° 31' 57.1548"	39° 32' 51.4430"

The technical specifications have been verified during remote audit as well as with the technical specifications of solar PV and also cross checked from the technical manual of the Manufactures.

The start date of the project activity (date on which the 1.98 MW Solar PV project was commissioned by Petrojes Elektrik Üretim A.Ş. and 0.99 MW Solar PV project was commissioned by Lahit Elektrik Üretim A.Ş.) is 15/01/2018. Assessment team checked the commissioning certificate of all units and confirms that the commissioning dates are correct.

The assessment team confirmed through interview with O & M personal during remote audit that there are no changes in to the project design during this monitoring period. It was found that the monitoring plan was implemented as per the requirement of the VCS PD & approved monitoring Plan and applied methodology - Grid-connected electricity generation, AMS I.D, version 18.0. The organisational role and responsibility as mentioned in the registered VCS PD is followed onsite. The calibration of energy meter is done as per the required frequency

mentioned in the VCS PD. All the emergency preparedness as mentioned in the registered VCS PD is followed onsite and no discrepancies were found regarding the same.

The Project participant contribution from the project activity towards sustainable development in accordance to host country as explained below:

Economic well-being:

- The project activity generates employment in the local areas.
- The project activity leads to investment to a developing regions which otherwise would not have happened in the absence of project activity. The generated electricity will be fed into grid, thereby improving the grid frequency and availability of electricity that will provide new opportunities for industries and economic activities for greater local employment and development. The project activity also leads to diversification of the national energy supply, which is dominated by conventional fuel based generating units.
- Use of renewable energy source (solar power) also helps in conservation of natural resources (like coal) in the country & thus less GHG emissions in the atmosphere
- The project contributes to the economic sustainability around the plant sites, which is promotion of decentralization of economic power

Social well-being:

- The plant sites are isolated rural areas, which are the victims of unemployment, poverty and other social backwardness. The project would lead to the development of these regions.
- The proposed project would enhance availability of power to the local industries, agriculture and commercial activities approximately the project area by augmenting power supply to the national grid, thereby improving quality of power supplied to various users by stabilizing the grid.
- During civil works, a lot of construction work took place, which generated employment for local people around the plant site.
- Other than these, there are various kinds of mechanical work, which would generate employment opportunity on regular and permanent basis
- Frequency of visits by skilled, technical personnel and industrialists will increase due to installation / site visit / operation and maintenance work related to solar projects. This directly and indirectly positively effects the social behaviour & economy of villages and nearby area.

Environmental well-being:

- The Solar power is one of the cleanest renewable energy powers and does not involve any fossil fuel. There are no GHG emissions.

- There is no impact on land, water, air and soil due to the installation of solar projects. Thus, the project activity contributes to environmental well-being without causing any negative impact on the surrounding environment.

Technological well-being:

- The project activity is step forward in harnessing the untapped solar potential and further diffusion of the technology in the region.
- The project activity leads to the promotion of solar projects and demonstrates the success of this technology in region, which further motivate more investors to invest in solar power projects. Similarly, the project helps in promoting more solar power projects. Hence, the project activity leads to technological well-being.

The project is not involved in any other form of GHG emission program and VERs generated from this verification will not be used for other trading program to avoid any kind of double counting. The same is confirmed by the PP during the verification remote audit. Assessment team also conducted independent review regarding the same and found that the statement of the PP is accurate and project is not involved in any other kind of GHG trading for the present verifications/monitoring period.

Finding: CAR 01 and CL 01 were raised and successfully closed. The details are provided in Appendix 2.

The assessment team observed that the project is in line with the registered PD and applied methodology and thus no clarification/deviation is sought.

Assessment team confirms following during the verification remote audit:

1. Start date of the project is 15/01/2018 (as per VCS PD).
2. An undertaking letter dated 11/05/2021 has been submitted by PP for double counting with any other GHG program. PP also has given a written declaration that project has not claimed other form of GHG credit for the concerned monitoring period.
3. Assessment team confirms that this is the 1st monitoring under VCS and covers the activity from 15/01/2018 to 31/08/2021 (inclusive of both dates). VCS crediting period is of 10 years and 15/01/2018 is the start date and crediting period ends on 14/01/2028 The GHG credits from 15/01/2018 to 31/08/2021 will be claimed under VCS only. At any point of time during the crediting period, the project proponent will abide by the “Double Counting”.
4. Assessment team checked and found that the Project proponent of the project activity is as below for the current monitoring period:

Organization name	Lahit Elektrik Üretim A.Ş.
Contact person	Ramazan Aslan
Title	Company Executive

Address	Oğuzlar Mah. 1377 Sk. No: 19/9 Balgat, Çankaya/Ankara, Turkey
Telephone	+90 312 481 21 42
Email	ramazan.aslan@lifeenerji.com

5. The quantified emission reduction calculation for the monitoring period is correct and conservative. Assessment team also compared actual VER with the estimated VER and found that the actual VER is 13,936 tCO₂e which is 3% less than the estimated emission reductions 14,346 tCO₂e during this monitoring period.

4.2 Safeguards

4.2.1 No Net Harm

No potential environment or socio-economic matter was found during the discussion with PP during remote audit. The project is renewable energy project and thus no negative impact observed onsite as confirmed by PP during remote audit.

However, assessment team still conducted the No net harm assessment for some of the parameters and the result is described below:

SL. NO	Indicator	Assessment team opinion
1	Water quality and quantity	The project generates clean energy which replaces the fossil fuel intensive electricity generation. During remote audit it was confirmed that no wastewater is generated due to the Project Activity and domestic waste water was collected and sent to sewage system which is recorded at the site. This was confirmed by the local stakeholders. Therefore, it is validated that mitigation measures were robustly implemented on ground for water quality issues project will have a positive impact on water quality.

4.2.2 Local Stakeholder Consultation

All the stakeholders are happy with the implementation and operation of the project activity and no negative comments envisaged for the project activity. There was no change in project description from the VCS PD. Complaint/suggestion/feedback register is maintained at site as a part of on-going communication with stakeholders in line with clause 3.16.17 of VCS

Standard, ver. 4.1 and appropriate actions taken time to time by PP. Assessment team confirmed the same during the remote audit and document review i.e. grievance register etc.

4.3 AFOLU-Specific Safeguards

Not applicable

4.4 Accuracy of GHG Emission Reduction and Removal Calculations

Means of verification	The verification team assessed whether the data and calculations of GHG emission reductions achieved resulting from the MR. The verification team has checked whether calculations of baseline GHG emissions, project GHG emissions and leakage GHG emissions have been carried out in accordance with the formulae and methods described in the monitoring plan of the VCS PD and MR.
Findings	No findings was raised.
Conclusion	<u>Baseline emission:</u> The baseline Emissions for a given year is calculated by multiplying the energy baseline (EB) with the regional grid emission factor of the grid. Formula Used:- $BE_y = (EG_y - EG_{baseline}) * EF_{grid,CM,y}$ Where: BE_y: Baseline emissions in year y (tCO₂e/yr) EG_y: Electricity supplied by the project activity to the grid (MWh) EG_{baseline}: Baseline electricity supplied to the grid in the case of modified or retrofit facilities (MWh). For new power plants this value is taken as zero. EF_{grid,CM,y}: Combined margin CO₂ emission factor for grid connected power generation in year y calculated using the latest version of the “Tool to calculate the emission factor for an electricity system” (tCO₂e/MWh) Ex-ante parameters” The Ex-ante parameters which are sourced from the registered VCS PD are provided below: EG_y : Net electricity generated by power plant/unit m, k or n (or in the project electricity system in case of EG_y) in year y or hour h. The value monitored is Turkish Electricity Transmission Company (TEİAŞ), Annual Development of Turkey's Gross Electricity Generation by Primary Energy Sources (2000-2017) TEİAŞ HV_{i,y} : Heating Values of fuels consumed for electricity generation in the years of 2015, 2016 and 2017. The value monitored is from Heating Values Of Fuels Consumed In Thermal Power Plants In Turkey By The Electric Utilities, TEİAŞ FC_{i,y}: Amount of fuel type i consumed in the project electricity system in year y. The value monitored is from Heating Values Of Fuels Consumed In Thermal Power Plants In Turkey By The Electric Utilities, TEİAŞ

	NCV_{i,y}: Net Calorific Value of fuel types in the years of 2015, 2016 and 2017. The value monitored is calculated by using HV_{i,y} to FC_{i,y} as Net Calorific Values of fuel types are not directly available in Turkey Sample Group for BM emission factor: It is the most recent power plants which compromise 20% of total capacity. The value monitored is Table 12 of ample Group for BM in the validated ER calculations Excel spreadsheet. EF_{CO2,i,y}: CO₂ emission factor of fuel type i used in year y. The value monitored is IPCC default values at the lower limit of the uncertainty at a 95% confidence interval as provided in table 1.4 of Chapter1 of Vol. 2 (Energy) of the IPCC Guidelines on National GHG Inventories. η_{m,y}: Average energy conversion efficiency of power unit m in year y. The value monitored is as per Appendix - Default efficiency factors, Table 2 of the “Determining the baseline efficiency of thermal or electric energy generation systems” (v.02) Monitored parameter: EG_{facility,y} : Quantity of net electricity generation supplied to the grid in year y. The value monitored is 24,556 MWh. The verification team has checked the entire Electricity generation data provided monthly by Firat EPSAŞ for the monitoring period as per the project activity applied for verifications and found the monitoring parameters are monitored and recorded as per the monitoring plan in the registered VCS PD. Electricity supplied to the grid by the project activity during the year y (EG_{facility,y}) by the project activity during the current monitoring period 24,556 MWh. The net electricity supplied by project activity to grid is calculated by subtracting total electricity imported by project from grid from total electricity delivered by project to grid. The verification team has crosschecked the emission reduction sheet and monitoring report. The electricity generation data is cross checked with sales invoices and found all the values are matching. <u>Leakage</u>: As per registered PDD the leakage is zero. Thus, Emission Reductions are: The emission reductions (ER_y) by the Project activity during a given year y is the difference between baseline emissions (BE_y), project activity emissions (PE_y) and leakage, as follows $ER_y = BE_y - PE_y - L_y$ $ER_y = 13,936 - 0 - 0$ $ER_y = 13,936 \text{ tCO}_2\text{e}$ The verification team confirms that GHG reductions and removals have been quantified correctly and in line with monitoring procedure in VCS PD and applied methodology.
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4.5 Quality of Evidence to Determine GHG Emission Reductions and Removals

Means of verification	The verification team checked the break down log for the monitoring period. During the verification of remote audit, the energy meters are also checked. The Calibration details of the monitoring meters are also checked with calibration certificates.
Findings	No findings raised.
Conclusion	The project activity has installed 8 meters in total: 4 main meters and 4 back-up meters for Gezin 3, Gezin 4, Gezin 5 and Solarges. These meters are sealed by Firat EDAŞ and intervention by project proponent is not possible. The generation data is monitored via above installed meters. There are 8 meters in total for the projects. Meters are remotely read (via OSOS system) by distribution company (Firat EDAŞ) monthly. Yearly electricity generation is calculated by summing up monthly meter reading records. In the event of failure of main meter, the check meter will be used in monitoring the electricity data. Calibration of all the meters is done as per the VCS PD. Assessment team has checked the calibration certificate and found that meters are calibrated as per calibration frequency mentioned in VCS PD. Hence assessment team confirmed that the value of net electricity exported to the grid as used in emission reduction calculation is correct. It is reported that data monitored will be kept in electronic form and hard copy until the end of second year after the end of crediting period. The responsibilities and authorities of project management, data handling and recording, measurement methods and QA/QC procedure have been systematically established and formalized and the same was verified during the remote audit. Remote audit and interview with site personnel through skype also confirms that the operational and organizational chart as mentioned in VCS PD is as per the remote audit practice and thus assessment team confirms that the details are correct. The break down log is checked and found that the plant undergone scheduled maintenance and break down. The verification team checked the breakdown and routine maintenance log book which is also provided in appendix 1 of MR and confirmed that it does not have any impact on project design and monitoring procedures. No unforced error observed. The verification team confirmed that data/ information used for determining GHG reduction and removal is sufficient in quantity and of appropriate quality. Calibration

	certificates of meters/ QA/QC procedure checked and found to be appropriate.
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4.6 Non-Permanence Risk Analysis

No.	Risk that could lead to material errors, omissions or misstatements	Assessment of the risk		Response to the risk in the verification plan and/or sampling plan
		Risk level	Justification	
1.	Not applicable	Not applicable	Not applicable	Not applicable

5 VERIFICATION CONCLUSIONS

Applus+ Certification has been engaged by Life İklim ve Enerji Ltd. Şti. to perform the verification of the “Gezin Solar Power Project”.

The management of the project participants/bundling agency is responsible for the preparation of the GHG emissions data and the reported/estimated GHG emissions reductions on the basis set out within the project’s Monitoring Plan in the VCS PD and MR and the approved methodology - Grid-connected electricity generation, AMS I.D, version 18.0

Our Verification approach was based on the requirements as defined under the Kyoto Protocol, Marrakesh accord, as well as those defined by the CDM Executive Board and VCS Standard version 4.1. Our approach is risk-based, drawing on an understanding of the risks associated with reporting GHG emissions data and the controls in place to mitigate these. The verification can confirm that:

- the project is operated as planned and described in the project document;
- the monitoring plan is as per the applied methodology;
- the monitoring process in Monitoring Report is as per the PD
- the development and maintenance of records and reporting procedures are in accordance with the monitoring plan
- the monitoring system is in place and generates GHG emission reductions data;
- the GHG emission reductions are calculated without material misstatements.
- A reasonable level of assurance was achieved during the verification.
- No limitation observed for the present verification

Verification period: From 15/01/2018 to 31/08/2021 (first and last date included).

Verified GHG emission reductions and removals in the above verification period:

Year	Baseline emissions removals (tCO ₂ e)	or	Project emissions or removals (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net emission reductions or removals (tCO ₂ e)	GHG
2018	2,982		0	0	2,982	
2019	3,714		0	0	3,714	
2020	4,155		0	0	4,155	
2021	3,085		0	0	3,085	
Total	13,936		0	0	13,936	

The estimated emission reduction achieved from the project activity for the current monitoring period is 14,346 tCO₂e, whereas actual emission reductions achieved are 13,936 tCO₂e, which is 3% less than the estimated emission reductions.

APPENDIX I: DOCUMENTS REVIEWED DURING VERIFICATION

No.	Author	Title	References to the document	Provider
1.	NA	Commissioning certificate	Commissioning of the solar plants	Project participant
2.	NA	Contract of the other entity with the DOE	Contract of the other entity with the DOE	Project participant
3.	NA	Technical specifications	Technical specifications of Solar Power projects manufactured	Project participant
4.	NA	Power Purchase agreement for the project activity	PPAs	Project participant
5.	NA	VCS PD Version 05	30/09/2019	Project participant
6.	NA	Initial Monitoring report Final Monitoring report	Version 01, dated 17/09/2021 Version 03, dated 07/10/2021	Project participant
7.	NA	Emission Calculation sheet	Version 1, dated 17/09/2021	Project participant
8.	NA	Emission Calculation sheet	Version 03, dated 07/10/2021	Project participant
9.	NA	Tools/ guidelines used in the project activity - UNFCCC Methodology: AMS I.D, version 18.0 - VCS verification report template Version 4.0 - VCS Standard, version 4.1	UNFCCC CDM web site VERRA website	UNFCCC & VERRA
10.	NA	Calibration details of the project activity undergoing verification	Calibration certificates	Project participant
11.	NA	Electricity generation reports + Invoices for the complete monitoring period	Electricity generation reports and Sales Invoices for the complete Monitoring period	Project participant
12.	NA	PPA Agreements	Power purchase Agreement between Project proponent and respective utilities	Project participant
13.	NA	Break down details of the complete monitoring period	Log Sheet	Project participant
14.	NA	VCS Declaration	Declaration dated 07/10/2021 from PP for Participation under Other GHG Programs	Project participant

APPENDIX 2: CORRECTIVE ACTION REQUESTS, CLARIFICATION REQUESTS AND FORWARD ACTION REQUESTS (CAR/CL/FAR)

CAR ID	01	Section no.	Title page	Date: 07/10/2021
Description of CAR				
1. Following corrections are sought in line with VCS Monitoring Report template version 4.0 A. Provide date in correct format B. Point 2.3 from 'content' page is missing C. Summary description shall not be more than one page in section 1.1. D. Provide sectoral scope and version of methodology applicable in section 1.2 and remove unnecessary information in line with the template guidelines. E. Consistency in date format in section 1.5 is required F. Section 2.2 does not provide ongoing communication with locals stakeholders. Further PP is requested to correct the language as LSC at the time of validation is over. G. Section 2.3 – AFOLU-Specific-Safeguards is not presented in the MR H. Specify Purpose of data for parameters under section 4.1 in line with template guidelines I. Section 5.4 is not line with template guidelines				
Project participant response				Date: 07/10/2021
1. A. <i>Date has been revised in the cover page in line with the VCS Monitoring Report template version 4.0 (Hereinafter referred to as "current template")</i> B. <i>In the current template stated as "For non-AFOLU projects, this section is not required." for section 2.3. The relevant section has been added to the monitoring report and the necessary explanation has been made.</i> C. <i>Summary description has been shortened in section 1.1.</i> D. <i>Necessary information has been provided in section 1.2 and unnecessary information has been removed in the section.</i> E. <i>All dates in the MR have been revised as (DD-MM-YYYY) format in line with the current template.</i> F. <i>Ongoing communication regarding the remote audit, now has been provided in the section 2.2. In addition, the language used to describe the actions taken for ongoing communications -which are determined during the validation</i>				

process- have been revised. G. In the current template stated as "For non-AFOLU projects, this section is not required." for section 2.3. The relevant section has been added to the monitoring report and the necessary explanation has been made. H. Purposes of parameters have been revised and provided for all parameters in line with the current template section 4.1 I. All dates in the MR have been revised as (DD-MM-YYYY) format in line with the current template.	
Documentation provided by project participant	
DOE assessment	Date: 05/10/2021
A. Date is now corrected in table on 1st page in line with the template requirement and in the rest of MR, date format DD-MM-YYYY format is now consistent which is checked and accepted. B. Revision in 'content' page is not allowed and it shall be adhered with. This part of CAR is OPEN. C. Summary description in section 1.1 is now in line with template guideline which is checked and accepted. D. PP has revised section 1.2 to provide sectoral scope and version of methodology applicable which is checked and confirmed. Unnecessary information is removed, which is checked and accepted. E. Date format is now made consistent as DD-MM-YYYY which is checked and accepted. F. Section 2.2 is now revised to include on-going communication with local stakeholders which is checked and accepted. G. The current project is Non_AFOLU being Solar power project and hence section 2.3 is not applicable which is now presented by PP in the concerned section which is checked and accepted. H. PP has revised section 4.1 to provide purpose of data for parameters in line with template guidelines which is checked and accepted. I. PP has not carried out necessary changes as required. PP to refer description under section 5.4 – "Quantify the net GHG emission reductions and removals, summarizing the key results using the table below....." and provide revised MR. This part of CAR is OPEN. J. PP to adhere MR template guideline especially – "....please complete all sections using Arial or Franklin Gothic Book 10.5 point, black, regular (non-italic) font. Where a section is not applicable, explain why the section is not applicable (i.e., do not delete the section from the final document and do not only write "not applicable")" and make appropriate revisions in the submitted MR.	
Project participant response	Date : 05/10/2021
B. Revision has been made adhered with the template guidelines. I. Necessary information has been added to 5.4 section.	

DOE Assessment	Date : 06/10/2021
B. Revised MR is now in line with template guidelines which is checked and confirmed. i. Section 5.4 of revised MR is now consistent with the template filling guidelines which is checked and confirmed. CAR is closed.	

CL ID	01	Section no.	1.2 / 2.2 /3.2	Date: 07/10/2021
Description of CL				
1. In section 1.2, total no. of project participants are mentioned as 4 nos. however, in following sentence only 3 project participant names are mentioned. Please clarify 2. Clarify the significance of highlighted date format in section 2.2 3. In section 3.2, PP has mentioned that there is a project deviation however same is not presented under section 3.2.2 4. Provide actual value applied for the parameter under section 4.1				
Project participant response				Date: 07/10/2021
1. Section 1.2 has been revised for the correction of CAR 1.D. Related information to clarify is lied on the section 3.3 in the new version of MR, which is named as "Gezin SPP_MR_v2_300921". Project has already finished the validation procedure in line with the bundled requirement which are accessible via link: https://cdm.unfccc.int/EB/021/eb21repan21.pdf. In addition, in the validated PD, It's stated as "Lahit is the bundling agency of this project.". This sentence has been added to section 3.3 for the sufficient clarification. 2. Inaccurate date was highlighted before determination and implementation of the teleconference date of the remote audit. From now on, accurate date has been revised and available on the new version of MR, which is named as "Gezin SPP_MR_v2_300921". 3. It is mistyped. Section 3.2 has been revised. Because there is no deviation in this monitoring period. 4. Actual values have been provided as picture under section 4.1. For sample group parameter, should be observe the Final ER calculations.				
Documentation provided by project participant				
1. Final_ER calculations_495 Gezin solar_v03_15-03-2019 (for sample group)				
DOE assessment				Date: 05/10/2021
1. PP has revised section 1.2 and removed the additional information which is checked and accepted. However, addition of same information under section 3.3 is not in line with template guideline as this is additional information not required under concerned section. This part of CL is OPEN. 2. PP has revised section 2.2 to remove highlighted part which is checked and accepted. 3. Revised section 3.2.2 now does not mention project deviation which is checked and				

confirmed.	
4. Provide actual value applied for the parameter – 'Sample Group for BM emission factor' under section 4.1 in line with MR template guideline. This part of CL is OPEN.	
5. Remove blank table from section 1.1 if not required.	
Project participant response	Date : 05/10/2021
1. Section 3.3 has been revised and unnecessary information has been removed in the section 3.3.	
4. There is no full value to provide directly. Parameter name is also "Sample Group", and there are a lot of value for calculation of BM factor. In addition, sentence in the value line is same as in the PD and, PD is already approved by Verra.	
Documentation provided by project participant	
DOE Assessment	Date : 06/10/2021
1. Section 3.3 of revised MR is corrected which is checked and confirmed.	
4. PP's response is accepted and no change is required in the revised MR.	
CL is closed.	

APPENDIX 3: COMPETENCE OF TEAM MEMBERS AND TECHNICAL REVIEWERS

Verification team member

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)	Involvement in			
						Desk review	On-site inspection	Interview(s)	Verification findings
1.	Lead Auditor/Technical Expert	OR	Kumar	Pankaj	TQC-Outsourced entity	Yes	No	Yes	Yes

Technical reviewer and approver of the verification and certification report

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)
1.	Technical reviewer (TR)	EI	Shen	Simon	Applus+ Certification
2.	Approver	IR	Calle de Miguel	Agustin	Applus+ Certification

Short CVs of the Team:

1. **Pankaj Kumar** worked as team leader – Bihar for South Asia Climate Proofing and Growth Development (CPGD) – Climate Change Innovation Programme (CCIP) supported by DFID that seeks to mainstream climate change resilience into planning and budgeting at the national and sub-national level in India, Pakistan, Nepal, and Afghanistan. Pankaj Kumar has worked previously with IL&FS Infrastructure Development Corporation and BUIDCO (Bihar Urban Infrastructure Development Corporation), Govt. Of Bihar as Environmental Specialist for WB & ADB funded projects. Prior to this, he worked with Carbon Check (UNFCCC accredited DoE), Johannesburg, RSA as Team Leader for validation, verification of around 100 GHG projects in Asia, Africa, USA, Asia Pacific & Americas. Pankaj is accredited Lead Auditor, Validator, Verifier and Technical Expert for Sectoral Scope/Technical Area – 1.1, 1.2, 3.1 & 13.1 by UNFCCC DoE (Designated Operational Entity), APPLUS, Spain. He is

also member of task force on climate change & human health, Health Department, GoB and on roster of UNICEF's WASH experts.

He is an experienced, qualified and result oriented Environment Professional having more than 14 yrs. Of relevant experience in Climate Change (Mitigation & Adaptation), Environmental Due Diligence, Disaster Risk Reduction, Validation and Verification of GHG project under CDM, Verified Carbon Standard, Gold Standard & Social Carbon Standard, Brazil. He provides technical support for environmental investigative, consultative and remedial projects involving air, water and soil, Waste management, EIA, Environmental Compliance, ISO 14001, OHSAS 18001, GHG accounting (ISO 14064) and Carbon foot printing

Pankaj Kumar is Masters in Environment Management from Forest Research Institute (University), I.C.F.R.E, Dehradun, which is Centre of Excellence in South East Asia for Forestry education & research and PGDEL from National Law School of India University, Bangalore (India).

2. **Mr. Simon Shen** (Master's Degree in Thermal Energy Engineering, Bachelor's Degree in Environmental Engineering) is an Auditor appointed by Applus+ LGAI for the GHG project assessment, auditing and technical review. He has more than 6 years of work experience in CDM/GS4GG/VCS project assessment and review with Applus+, apart from the years of experience working as GHG Auditor and ISO 9001/14001 in TUV SUD for 5 years before he joined Applus+. Mr. Simon Shen has extensive experience also as former Applus+ Shanghai CDM Technical Manager.

APPENDIX 4: ABBREVIATIONS

Abbreviations	Full texts
BM	Build Margin
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CER	Certified Emission Reduction(s)
CL	Clarification request
CM	Combined Margin
CMS	Central Monitoring system
CO ₂	Carbon dioxide
CO ₂ e	Carbon dioxide equivalent
DNA	Designated National Authority
DOE	Designated Operational Entity
DR	Document Review
EF	Emission Factor
EIA	Environmental Impact Assessment
ER	Emission Reductions
FAR	Forward Action Request
GHG	Greenhouse gas(es)
GWP	Global Warming potential
PP	Project Participant

APPENDIX 5: CALIBRATION DETAILS

	Gezin 3		Gezin 4		Gezin 5		Solarges	
	Main Meter	Back-Up Meter	Main Meter	Back-Up Meter	Main Meter	Back-Up Meter	Main Meter	Back-Up Meter
Type	MAKEL C510.AMT.5851						MAKEL C520 AMT 2556	
Production Standard and Class	C							
Serial Numbers	65002578	65002507	65002640	65003077	65002425	65002695	80223926	80244924
Accuracy Class	0.5S							
Calibration Dates	25-08-2017	24-08-2017	24-08-2017	24-08-2017	25-08-2017	25-08-2017	08-10-2018	18-01-2019