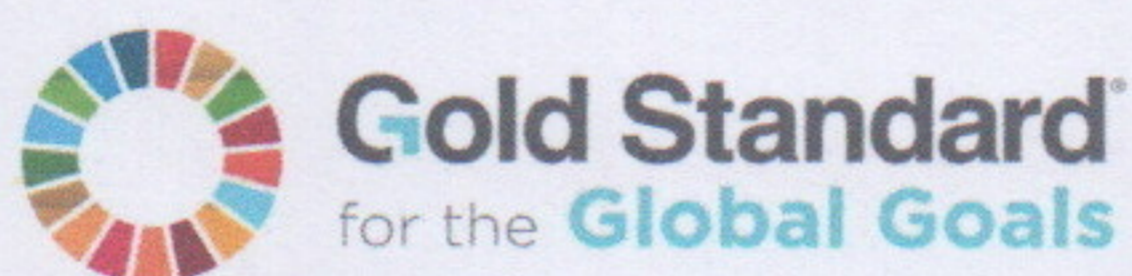


## Gold Standard for the Global Goals Annual Report



March 2018 - Version 1.1

Project Title	Çorum Solar Power Plant Project
Gold Standard ID	GS6566
Date of Annual Report	31/03/2022
Date of Design Certification	15/02/2019
Date of Transition Approval (Transition Projects only)	n.a
Date of Last Verification	01/08/2019 to 28/02/2022

**A/R Projects Only** - If the project is certified according to the Forest Stewardship Council (FSC), the Certification Status replaces the completion of this template. Please provide the FSC Audit Report and provide a reference to this supporting document in this template. In addition, please provide evidence on how the project demonstrates conformity to Gold Standard Safeguarding Principle 4.2.1 on Water (FSC Certification is not deemed as evidence that this Principle is met). For further guidance refer to the section "FSC Dual Certification" in the Land Use and Forests Activity Requirements.

Please outline how your project meets each of the following requirements, referring to any supporting documentation where necessary.

## 1 – Annual Reporting

Please include the following information

(a) a summary of the recent activities, events and actions related to the Project:

Çorum Solar Power Plant Project is invested by Galata Wind Enerji A.Ş. The 8 unlicensed project creates the Çorum SPP which is invested by Galata Wind Enerji A.Ş. The project names are Deniz SPP, Doğanay SPP, Hilalay SPP, Karagül SPP, Kızıl SPP, Maviay SPP, Portakal SPP and Şenay SPP. The projects are newly built grid-connected solar power plant project. All project capacities are same an 1 MWe and total capacity is 8 MWe AC. The project is locating in Merkez District, Tatar village of Çorum. The project started to electricity generation on 19/12/2017. Provisional acceptances are signed between TEDAŞ and 8 solar power plant legal entity.

The estimated electricity generation is 14,060 MWh per year by the project activity and actual electricity generation is 5,433.591MWh for between 01/08/2019 and 31/12/2019

The project has supplied the Turkish National Grid (hereafter referred to as „the Grid“) with zero emission energy, generated by the solar energy. Electricity currently generated by the grid is relatively carbon intensive, with a combined margin emission factor of 0.5605 /MWh. The connection point of the project activity is Çorum TM-2 TRA-DM 12/1A. Through the estimated electricity generation total emission reduction is 7,880 tCO<sub>2</sub>e per year and 39,399 tCO<sub>2</sub>e for the first crediting period. The project operational lifetime is 25 years.

The amount of annual production is 5,433.591 MWh and emission reduction are 3,045 tCO<sub>2</sub> for between 01/08/2019 and 31/12/2019

The main equipment used in the Project are Photovoltaic Modules and Invertors with the following specifications.

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Table 1 Technical specifications of the typical modules are as follows

Module Type	JKM320PP-72
Type of Modules	Polycrystalline
Maximum Power (Pmax)	320 Wp
Maximum Voltage (Vmp)	37.4 V
Maximum Power Current (Imp)	8.56 A
Open Circuit Voltage (Voc)	46,4 V
Short Circuit Current (Isc)	9,05 A
Module Efficiency STC (%)	16,49 %
Maximum System Voltage (V)	1000 VDC (IEC)
Power Tolerance	0 / +3%
Maximum fuse rating	15 A

Table 2 Technical specifications of the typical inverters are as follows

Model	SMA / MLX 60
Rated power at nominal voltage	60 kW
Maximum Input Voltage	1000 V
MPP voltage range	570 V to 800 V @400 Vac, 685 V to 800 V @480 Vac
Max. input voltage	565 V @400 Vac, 680 V @480 Vac
Max. DC short-circuit current	110 A / 150 A
Number of independent MPP inputs	1/1 (split up by external DC-Combiner Box)
Max. efficiency / European efficiency / CEC efficiency	98.6 % / 98.0 % / 98.0 %

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The project activity has 29,376 Photovoltaic Modules and 135 invertors.

(b) a clear statement on how stakeholders may provide inputs/grievances:

List all Inputs and Grievances which have been received via the Continuous Input and Grievance Mechanism together with their respective responses/mitigations.

This is the second year-2019 of the first crediting period and there is no input received via the Continuous Input and Grievance Mechanism Logbook at the end of 2019.

Report on any stakeholder mitigations that were agreed to be monitored.

They were agreed no SDG monitoring parameter to be monitored when the local stakeholders meeting.

No legal contest that has arisen with the project during the monitoring period. The project owner has talked with villager and headman of Tatar village continuously and checked the logbook. The Continuous Input and Grievance Mechanism logbook was given to the headman of Tatar village as agreed with villager during LSC. So, if whenever local stakeholders have a complaint or a request, they can be able to fill in the grievance book which can be located at a headman office of Tatar village.

Stakeholders can provide comments via The Continuous Input and Grievance Mechanism logbook, phone and email access. The Continuous Input and Grievance Mechanism logbook is in the headman village of Tatar village. The phone (+90 216 556 94 24 and +90 216 355 09 68 ) and email of [cagla@ruzgardanismanlik.net](mailto:cagla@ruzgardanismanlik.net) and [alig@doganenerji.com.tr](mailto:alig@doganenerji.com.tr) is provided to contact.

1) The Continuous Input and Grievance Mechanism Logbook. This logbook can find at the headman village of Tatar village. All stakeholders have access to provide feedback related with this project on this book. The contact information of Cagla Balci Eris and project owner is listed first page of the logbook. On each page that follows there is one table, incl. Date, Comment, Response from project owner and Response Date, etc. Stakeholders are allowed to make anonymous comments should they wish.

2) Telephone access. Stakeholders can also provide comments via phone. The telephone number of project owner (+90 216 556 94 24 ) and project representative

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of Cagla Balci Eris (+90 216 355 09 68) is provided to contact. Calls received are logged and recorded in the same way as the comment book mentioned above, with the date, comment and project response recorded for each call. Stakeholders are not required to give their personal information.

3) Email access. Email address of Mrs.Cagla Balci Eris of Ruzgar Danismanlik (cagla@ruzgardanismanlik.net) and project owner (alig@doganenerji.com.tr) is provided as well for stakeholders to provide comments in the internet. Emails comments received are logged and recorded in the same way in the Continuous Input and Grievance Mechanism Logbook, with the date, comment and project response recorded for each message. As with all the methods, stakeholders are not required to give their personal details when they wish to make a comment.

(c) a list of all inputs/grievances that have been received since last Annual Report together with their respective answers/actions

No comments or grievances have been received since 01/08/2019. This is the first Annual Report of the project as above explanation. The project owner has made first verification between 19/12/2017 and 31/07/2019.

See Section 2 - Inputs/Grievances Template Report

(d) any incidents or events that may impact the Outcomes/Impacts delivered to date (in terms of loss) or the ongoing Performance of the Project.

N/A. No incidents or events that may impact the Outcomes/Impacts delivered to date (in terms of loss) or the ongoing Performance of the Project occurred since 19/12/2017.

(e) any legal contest or dispute that has arisen

Provide details of any legal contest that has arisen with the project during year 2019.

(f) any updates to the Key Project Information, Project Design Document, Monitoring & Reporting Plan and any other supporting documentation

N/A. The Key Project Information, Project Design Document, Monitoring & Reporting Plan and any other supporting documentation are not changed/updated.

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(g) a brief descriptive summary of all monitoring information collected during the year

Two electricity meters are adopted in the monitoring system of the per project which means 16 electricity meters are adopted in this project. The meters have been installed at the interconnection point to the grid for monitoring the electricity delivered to the grid.

According to the Turkish Law and Regulations, the methods of monitoring the net electricity fed to the grid and quality control and assures are explained below:

The main and spare meter readings are recorded monthly and cross-checked whether calibration is required. The project has been connected to Corum 2 TM that has 31,5 kV medium voltage, the accuracy class for power meters have been defined in the Communiqué for Power Meters as 0.5 s class. The calibration is implemented in accordance with the related standard procedures. The periodical maintenance is under the responsibility of YEDAŞ and has been fixed as once in 10 years. It is under the responsibility of YEDAŞ. Since YEDAŞ meters are sealed by YEDAŞ, the project proponent cannot intervene with the devices. The net electricity export/supplied to a grid is the difference between the measured quantities of the grid electricity export and the import. Data measured by meters are crosschecked with the YEDAS records.

Data is stored electronically, during the crediting period and at least two years after the last issuance of credits for the solar power project activity in the concerning crediting period. The Project Participant is responsible for storage of data received from the measuring devices.

Since 01/08/2019, electricity meters readings are as follows (unit: KWh):

Month	EG (ID 8) Net electricity supplied to the grid [kWh]
August 2019	1,556,530
September 2019	1,356,924
October 2019	1,159,425
November 2019	923,246
December 2019	437,466
TOTAL	5,433,591

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Continuous measurement and at least monthly recording. (Remote automatic meter reading system-OSOS).

Information of the meters are listed as followed:

Doğanay SPP	Electricity Meter	Electricity Meter (Secondary)
Manufacturer	MAKEL	MAKEL
Model	C510.AMT.5851	C510.AMT.5851
Serial number	65001349	65003325
Date of installation	12/12/2017	14/12/2017
Date of initial calibration	07/09/2016	31/10/2017

Portakal SPP	Electricity Meter	Electricity Meter (Secondary)
Manufacturer	MAKEL	MAKEL
Model	C510.AMT.5851	C510.AMT.5851
Serial number	65001148	65003416
Date of installation	13/12/2017	14/12/2017
Date of initial calibration	08/09/2016	31/10/2017

Hilalay SPP	Electricity Meter	Electricity Meter (Secondary)
Manufacturer	MAKEL	MAKEL
Model	C510.AMT.5851	C510.AMT.5851
Serial number	65001374	65003370
Date of installation	13/12/2017	14/12/2017
Date of initial calibration	08/09/2016	31/10/2017

Şenay SPP	Electricity Meter	Electricity Meter (Secondary)
Manufacturer	MAKEL	MAKEL
Model	C510.AMT.5851	C510.AMT.5851
Serial number	65001237	65003389
Date of	13/12/2017	14/12/2017

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installation		
Date of initial calibration	07/09/2016	31/10/2017

Deniz SPP	Electricity Meter	Electricity Meter (Secondary)
Manufacturer	MAKEL	MAKEL
Model	C510.AMT.5851	C510.AMT.5851
Serial number	65001094	65003361
Date of installation	13/12/2017	14/12/2017
Date of initial calibration	08/09/2016	31/10/2017

Maviay SPP	Electricity Meter	Electricity Meter (Secondary)
Manufacturer	MAKEL	MAKEL
Model	C510.AMT.5851	C510.AMT.5851
Serial number	65001333	65003363
Date of installation	12/12/2017	14/12/2017
Date of initial calibration	07/09/2016	31/10/2017

Kızıl SPP	Electricity Meter	Electricity Meter (Secondary)
Manufacturer	MAKEL	MAKEL
Model	C510.AMT.5851	C510.AMT.5851
Serial number	65001047	65003339
Date of installation	08/09/2021	14/12/2017
Date of initial calibration	07/09/2016	31/10/2017

Karagül SPP	Electricity Meter	Electricity Meter (Secondary)
Manufacturer	MAKEL	MAKEL
Model	C510.AMT.5851	C510.AMT.5851
Serial number	65000979	6503351

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Date of installation	12/12/2017	14/12/2017
Date of initial calibration	15/05/2016	31/10/2017

(h) list of stakeholders (with contact details) who will receive the 'Annual Report'

The annual report will be put together with Continuous Input and Grievance Mechanism Comment Book on the headman village of Tatar village, stakeholders can review it and give comments, if any.

(i) any update of the 'Project Participants & Secured Titles' (in case of changes)

N/A. The Project Participants & Secured Titles is not changed/updated.

### 2 – Inputs/Grievances Template Report

Date	Comment	Action requested from project owner	Response from project owner	Person designated with responsibility by project owner	Issue resolved?
01/01/2018	Explanation of problem or comment.	What would the stakeholder like to see change/stay the same.	Explanation from the project of what they will do in response to the comment. This may be an explanation as to why the project is unable to respond/does not see the problem as necessary to address.	Identification of who will take responsibility for responding AND monitoring of the issue.	This could be confirmation from the person who made the complaint, or the project.



## ÇORUM GÜNEŞ ENERJİ SANTRALİ PROJESİ BİLGİ VE ŞİKAYET TAKİP KİTAPÇIĞI

20 HAZİRAN 2018

Bilgi kütüğüne girilenler "Şikayet Takip Mekanizması" ile 20 Haziran 2018 günü yapılan paydaşlar toplantısı sonrasında sizlerin de katılımıyla seçilen bir jüri tarafından oluşturulan şikayet bildirim formunu, gerekli olan teklifler sunumlarına ve sorulara adreslerine bakılarak ulaşılabilecek pozitif veya olumsuz bir geri bildirimdir.

### PROJE HAKKINDA BİLGİ

Galata Wind Enerji A.Ş., Çorum İli Merkezi İlçesinde 9 MW kapasiteli güneş ve rüzgar yatağına sahip toplam 14 milyon kWh elektrik üreten bir güneş enerjisi santralidir.

Çorum güneş enerjisi santrali Aralık 2017'de tam kapasite devreye girerek işletmeye başlanmıştır. Çorum Güneş Enerjisi Santrali'nin yılda yaklaşık 14 milyon kWh elektrik üretmesi ve Çorum 2 trafosu arasındaki 110/33 kV arası gerilim bağlantı noktasında oluşan arızalara enerji kesintisi yaklaşık 7500 saat içinde karbon ayak izi azaltılmasına katkı sağlamıştır.

İLETİŞİM BİLGİLERİ

GALATA WIND ENERJİ ANONİM ŞİRKETİ

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E-Mail: [alig@doganenerji.com.tr](mailto:alig@doganenerji.com.tr) / [oguzbalci@doganenerji.com.tr](mailto:oguzbalci@doganenerji.com.tr)

GOLD STANDARD KURULUŞU

E-Mail: [cs@gsstandards.org](mailto:cs@gsstandards.org)

Tarih	Yorum Şikayet	Firma'dan Beklenen Aksiyon	Firma'nın Cevabı	İlgili Kişi	Sorum Çözülme Mi?

### 3 - Declaration of correct project information

Project Owner Organization	Galata Wind Enerji A.Ş.
Registration number with relevant authority	648259 - 0
Full Address (including Country)	BURHANIYE MAHALLESİ KISIKLI CADDESİ NO:65 ÜSKÜDAR İSTANBUL TURKEY
Website	<a href="https://galatawindenerji.com">https://galatawindenerji.com</a>
Email address	<a href="mailto:alig@doganenerji.com.tr">alig@doganenerji.com.tr</a>

I hereby certify and declare that, to the best of my knowledge, the project complies with the project information submitted to The Gold Standard.

First name	Çağla
Last name	Balcı Eriş
Position	Project Representative-Consultant
Place, Date and Signature	İstanbul, TURKEY 31/03/2022  RÜZGAR DANIŞMANLIK ÇAĞLA BALCI ERİŞ Göztepe Mah. Tütüncü Mehmet Efendi Cad. Avcı Sok. Nispetiye Apt. No 1 D.22 Tel: 0216 355 09 68 Göztepe V.D. 4474 345 8414