Version: 3.0

Release Date: 01 October 2023







Document Control

Document ID	EC-IRE-SD01
Document Name	Evident. I-REC Code for Electricity
	SD-01: Authorised Issuing Regions
Version	3.0

Author	Evident
Owner	Evident Ev Limited
Authoriser	I-REC Standard Foundation

Release Date	01 October 2023

Copyright

This document is Copyright © Evident Ev Limited



Contents

6	1 INTRODUCTION	1
7	2 AUTHORISED REGIO	2
7	2.1 Argentina	2.1
7	2.2 Australia	2.2
7	2.3 Bangladesh	2.3
7	2.4 Brazil	2.4
7	2.5 Brunei Darussalam	2.5
8	2.6 Burkina Faso	2.6
8	2.7 Cambodia	2.7
8	2.8 Chad	2.8
8	2.9 Chile	2.9
8	2.10 China	2.10
9	2.11 Colombia	2.11
9	2.12 Costa Rica	2.12
go9	2.13 Democratic Republic of	2.13
9	2.14 Dominican Republic	2.14
9	2.15 Ecuador	2.15
9	2.16 Egypt	2.16
	2.17 El Salvador	2.17
	2.18 Ethiopia	2.18
	2.19 Ghana	2.19
	2.20 Guatemala	2.20
	2.21 Haiti	2.21
	2.22 Honduras	2.22
	2.23 India	2.23



2.24	Indonesia11
2.25	Israel 11
2.26	Japan 11
2.27	Jordan 11
2.28	Kazakhstan 12
2.29	Lao People's Democratic Republic 12
2.30	Lebanon 12
2.31	Malaysia 12
2.32	Mauritius 12
2.33	Mexico 13
2.34	Mongolia13
2.35	Morocco 13
2.36	Namibia 13
2.37	Nigeria 14
2.38	Oman14
2.39	Pakistan14
2.40	Panama 14
2.41	Peru14
2.42	Philippines 14
2.43	Russia15
2.44	Saudi Arabia 15
2.45	Singapore 15
2.46	Somalia 15
2.47	South Africa 15
2.48	South Sudan 15
2.49	Sri Lanka 16
2 50	Suriname 16



2.51	Taiwan	16
2.52	Thailand	16
2.53	Turkey	16
2.54	Uganda	16
2.55	United Arab Emirates	17
2.56	Uzbekistan	17
2.57	VietNam	17
2.58	Zambia	17
3	ISSUERS	18
3.1	GCC (The Green Certificate Company)	18
3.2	AENOR Peru S.A.C	18
3.3	CSG (Carbon Asset Management (GuangZhou) Co., Ltd)	19
3.4	Department of Energy, Abu Dhabi	20
3.5	EcoJer (Kazakhstan Assoc. of Regional Environmental Initiatives)	20
3.6	ECOSTAR Energy Solutions	21
3.7	Ecsim (The Center for Studies in Systemic Economics)	21
3.8	EGAT (Electricity Generating Authority of Thailand)	21
3.9	EPP (Energy Peace Partners)	22
3.10	Foton Energy	22
3.11	GES (Green Energy Services)	23
3.12	IRAM (Instituto Argentino de Normalización y Certificación)	23
3.13	Instituto Totum	23
3.14	LCEC (Lebanon Center for Energy Conservation)	24
3.15	Local Good	24
3.16	Ministry of Economy and Finance of the Republic of Uzbekistan	25
3.17	Normex	25
3.18	Oakley Greenwood	26



3.19	OLOLT Climate Change and Carbon Market Development Centre	. 26
3.20	Pakistan Environment Trust	. 27
3.21	Suriname Energy Centre	. 27
3.22	SCX (Santiago Climate Exchange)	. 27
3.23	Three Pillars Group	. 28
3.24	World Green Economy Organization (WGEO)	. 28



1 Introduction

This document details the regions and organisations approved for the issuing of I-REC(E) certificates under the Evident Code for I-REC(Electricity). This document is correct at the date of issue, however Issuers may alter requirements for the issuing of I-REC(E) certificates without notice where necessary for compliance with national legislation or to preserve the integrity for the I-REC(E) market.



2 Authorised Regions

2.1 Argentina

Issuer	IRAM (Instituto Argentino de Normalización y Certificación) (3.12)
Notes	No restrictions.

2.2 Australia

Issuer	Oakley Greenwood (3.18)
Notes	I-REC(E) may only be issued for below baseline generation in accordance with the relevant baseline specified by the Clean Energy Regulator (CER).

2.3 Bangladesh

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.4 Brazil

Issuer	Instituto Totum (3.13)
Notes	Biofuel plants in Brazil that adhere to Renovabio Program are eligible to
	issue I-RECs only for the portion of energy exported to the grid.

2.5 Brunei Darussalam

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.



2.6 Burkina Faso

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.7 Cambodia

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.8 Chad

Issuer	EPP (Energy Peace Partners) (3.9)
Notes	No restrictions.

2.9 Chile

Issuer	SCX (Santiago Climate Exchange) (3.22)
Notes	No restrictions.

2.10 China

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	Production Facilities that receive a FiT are ineligible for I-REC(E).

Issuer	CSG (Carbon Asset Management (GuangZhou) Co., Ltd) (3.3)
Notes	Production Facilities that receive a FiT are ineligible for I-REC(E). Production Facilities that are in the following provinces must register with CSG. Guangdong, Guangxi, Yunnan, Guizhou, Hainan, Hong Kong SAR & Macau SAR.



2.11 Colombia

Issuer	Ecsim (The Center for Studies in Systemic Economics) (3.7)
Notes	No restrictions.

2.12 Costa Rica

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.13 Democratic Republic of the Congo

Issuer	EPP (Energy Peace Partners) (3.9)
Notes	No restrictions.

2.14 Dominican Republic

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.15 Ecuador

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.16 Egypt

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.



2.17 El Salvador

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.18 Ethiopia

Issuer	EPP (Energy Peace Partners) (3.9)
Notes	No restrictions.

2.19 Ghana

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.20 Guatemala

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.21 Haiti

Issuer	EPP (Energy Peace Partners) (3.9)
Notes	No restrictions.

2.22 Honduras

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.



2.23 India

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	I-REC(E) issuance is not possible for output that falls under a long-term PPA under the Renewable Purchase Obligation (RPO) or the domestic REC system. The project does not avail any concessional Open Access benefits for the period for which IRECs are claimed.

2.24 Indonesia

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.25 Israel

Issuer	GES (Green Energy Services) (3.11)
Notes	No restrictions.

2.26 Japan

Issuer	Local Good (3.15)
Notes	Restrictions apply; please contact Local Good or the I-REC Standard Foundation for more information (secretariat@irecstandard.org).

2.27 Jordan

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.



2.28 Kazakhstan

Issuer	EcoJer (Kazakhstan Assoc. of Regional Environmental Initiatives) (3.5)
Notes	No restrictions.

2.29 Lao People's Democratic Republic

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.30 Lebanon

Issuer	LCEC (Lebanon Center for Energy Conservation) (3.14)
Notes	No restrictions.

2.31 Malaysia

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	Possible restrictions on FiT devices pending regulations from SEDA. Issuance Large Scale Solar 1 and Large Scale Solar 2 Projects are not eligible for I-REC Issuance.

2.32 Mauritius

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.



2.33 Mexico

Issuer	Normex (3.16)
Notes	Issuance will only be authorised from production devices that do not obtain CELs (Certificados de Energía Limpia). According to national regulation, devices allowed to receive CELs are:
	Clean production devices permitted after August 11, 2014.
	Legacy production devices permitted before August 11, 2014, provided they have increased their "clean" production.
	Clean production: Currently there are no restrictions to issuance. Devices that have been excluded from a Legacy interconnection contract with the purpose to include them in a standard interconnection contract.
	Generation from distributed production devices.

2.34 Mongolia

Issuer	OLOLT Climate Change and Carbon Market Development Centre (3.19)
Notes	No restrictions.

2.35 Morocco

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.36 Namibia

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.



2.37 Nigeria

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.38 Oman

Issuer	Three Pillars Group (3.23)
Notes	No restrictions.

2.39 Pakistan

Issuer	Pakistan Environment Trust (3.19)
Notes	No restrictions.

2.40 Panama

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.41 Peru

Issuer	AENOR Peru S.A.C (3.2)
Notes	No restrictions.

2.42 Philippines

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	I-RECs cannot be issued for Production Facilities receiving the national FiT. Devices in the Philippines that were commissioned after 31 December 2008 are not eligible for Registration.



2.43 Russia

Issuer	None
Notes	Issuing suspended February 2022.

2.44 Saudi Arabia

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.45 Singapore

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.46 Somalia

Issuer	EPP (Energy Peace Partners) (3.9)
Notes	No restritions.

2.47 South Africa

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.48 South Sudan

Issuer	EPP (Energy Peace Partners) (3.9)
Notes	No restrictions.



2.49 Sri Lanka

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.50 Suriname

Issuer	Suriname Energy Centre (3.21)
Notes	No restrictions.

2.51 Taiwan

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	Wind and solar Production Devices are not eligible for I-REC(E) issuance due to potential interactions with the Taiwanese Green Purchase Program and domestic REC scheme.

2.52 Thailand

Issuer	EGAT (Electricity Generating Authority of Thailand) (3.8)
Notes	Generators within the group ownership of EGAT must be registered by GCC (The Green Certificate Company) (3.1).

2.53 Turkey

Issuer	Foton Energy (3.10)
Notes	No restrictions.

2.54 Uganda

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.



2.55 United Arab Emirates

2.55.1 Abu Dhabi

Issuer	Department of Energy, Abu Dhabi (3.4)
Notes	I-REC(E) Certificates issued in Abu Dhabi may only be redeemed within the Emirate of Abu Dhabi.

2.55.2 Dubai

Issuer	World Green Economy Organization (WGEO) (3.24)
Notes	No restrictions.

2.55.3 All other Emirates

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.56 Uzbekistan

Issuer	Ministry of Economy and Finance of the Republic of Uzbekistan (3.16)
Notes	No restrictions.

2.57 VietNam

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.

2.58 Zambia

Issuer	GCC (The Green Certificate Company) (3.1)
Notes	No restrictions.



3 Issuers

3.1 GCC (The Green Certificate Company)

	From its base in Sheffield, GCC has grown to be one of the world's foremost attribute certificate experts and is responsible for issuing I-RECs in over 20 regions.
Contact Details	GCC 400 Springvale Road Sheffield S10 1LP United Kingdom https://gcc.re helpdesk@gcc.re

GCC is designated as the Central Issuer and is permitted to provide Services in any region in which the Evident Service is available, with the exception of those where another Issuer has been exclusively designated under relevant national legislation or otherwise defined by the Foundation. Where an Issuer has recently been appointed GCC may continue to provide Services during any transition period to that other Issuer.

3.2 AENOR Peru S.A.C

	 AENOR Internacional SAU (AENOR) is a leading certification body in both quality management systems and environmental management systems. AENOR has a permanent presence in 12 countries including Peru where it operates through AENOR Peru S.A.C., its Peruvian subsidiary. Please see their website for contact details.
Contact Details	AENOR Peru S.A.C Av. Coronel Andrés Reyes Piso 5 San Isidro Lima
	Perú https://www.aenorperu.com/contacto trosas@aenor.com



3.3 CSG (Carbon Asset Management (GuangZhou) Co., Ltd)

	CSGCM is a wholly owned subsidiary of CSG (China Southern Power Grid Co., Ltd.), which is responsible for carbon assets, REC, and other related businesses, and has rich business experience in GEC, I-REC, and other fields.
	CSGCM will be the first official, Accredited Issuer of I-REC in China covering the provinces of Guangdong, Guangxi, Yunnan, Guizhou, and Hainan, as well as Hong Kong SAR and Macau. This cooperation will enable all generators in these regions, and all energy end users in China, to use the internationally recognized I- RECs for their energy and carbon reporting and synchronize with the expanding requirements of global trade. CSGCM will integrate this into its infrastructure and user base, seamlessly providing market participants the opportunity to use domestic or international reporting systems for energy tracking. Please see their website for contact details.
Contact Details	CSG (Carbon Asset Management (GuangZhou) Co., Ltd) No.6 Huasui Road Tianhe District Guangzhou City Guangdong Province China <u>csgcm_helpdesk@163.com</u> <u>成员单位 (csg.cn)</u>



3.4 Department of Energy, Abu Dhabi

	The Abu Dhabi Department of Energy (DoE) has issued a Regulatory Policy for Clean Energy Certificates, under the I-REC Standard, as part of its commitment to drive the transition to a sustainable decarbonized energy sector. Please see their website for contact details.
Contact Details	Abu Dhabi Department of Energy Al Sila Tower 8 Floors 18 & 19 Abu Dhabi Global Market Street First Abu Dhabi 22646 United Arab Emirates
	https://www.doe.gov.ae/en/E-Services

3.5 EcoJer (Kazakhstan Assoc . of Regional Environmental Initiatives)

	EcoJer's goal is to consolidate business and civil society to represent and protect common interests, assist in environmental protection activities; taking a balanced approach between the government's environmental policy, the public interest in improving environmental quality, and the need to develop the economic potential of the business community.
Contact Details	EcoJer 10 Kunayev Street Nur-Sulktan City 010000 Kazakstan https://ecojer.kz/ info@ecojer.kz



3.6 ECOSTAR Energy Solutions

	Ecostar Energy Solutions has been approved as the local I-REC(E) Issuer in Zambia, having been supported by the Ministry of Energy (MOE) of Zambia.
Contact Details	Please make initial contact via the GCC helpdesk.
	https://gcc.re
	helpdesk@gcc.re

3.7 Ecsim (The Center for Studies in Systemic Economics)

	ECSIM is a non-profit organisation focused on green solutions for societal and environmental struggles, as well as the local I-REC Issuer in Colombia.
Contact Details	ECSIM Cra 10 # 19 SUR 196 C39. Medellín Colombia
	https://www.fundacionecsim.org/ administracion@fundacionecsim.org

3.8 EGAT (Electricity Generating Authority of Thailand)

	EGAT is Thailand's leading state-owned power utility under the Ministry of Energy.
Contact Details	Business Development Division Electricity Generating Authority of Thailand 53 m.2 Charansanitwong rd. Bangkruai Bangkruai District Nonthaburi 11130 Thailand https://irecissuer.egat.co.th/ irecissuer@egat.co.th



3.9 EPP (Energy Peace Partners)

	Energy Peace Partners leverages climate and finance solutions to promote peace in the world's most fragile regions and issues Peace Renewable Energy Credits (P-RECs), a labelled I-REC certificate.
Contact Details	Energy Peace Partners 3030 Bridgeway Suite 220 Sausalito CA 94965 United States <u>https://www.energypeacepartners.com/</u> info@energypeacepartners.com

3.10 Foton Energy

	Foton are an energy-transition specialist, acting as I-REC Issuer in Turkey and promoting the use of I-RECs for sustainability reporting throughout the region.
Contact Details	Foton Akat Mah. Ebulula Mardin Cad. No: 8 Mermerler Sitesi D Blok Kat:3 İç Kapı No: 8 Beşiktaş İstanbul Turkey https://fotonplatform.com/ admin@foton.energy



3.11 GES (Green Energy Services)

	Green Energy Services act as I-REC Issuer in Israel and promote the use of I-RECs for sustainability reporting throughout the region.
Contact Details	Please contact via email at:
	issuer@greenenergyservices.co.il

3.12 IRAM (Instituto Argentino de Normalización y Certificación)

	IRAM is an independent, not-for-profit association that has experience in ISO and other standardisation processes.
Contact Details	IRAM Perú 552/6 C1068AAB / Buenos Aires Argentina
	https://www.iram.org.ar iram-iso@iram.org.ar

3.13 Instituto Totum

	Instituto Totum provides Brazilian companies, associations, and business with modern certification solutions.
Contact Details	Instituto Totum Avenida Paulista, 2439 - cj. 132 Bela Vista CEP 01311-300 São Paulo / SP Brazil https://www.institutototum.com.br/ totum@institutototum.com.br/



3.14 LCEC (Lebanon Center for Energy Conservation)

	The LCEC was created by the Ministry of Energy and Water (MEW) and the United Nations Development Program (UNDP) as an independent, not-for-profit organisation within the Ministry of Energy and Water in 2011. The LCEC is driven to expand Lebanon's development of efficient, renewable energy sources and to increase energy security and de-carbonisation levels.
Contact Details	LCEC 1st Floor, Room 303 Ministry of Energy and Water Corniche du Fleuve Beirut Lebanon <u>https://www.lcec.org.lb</u> <u>energy@lcec.org.lb</u>

3.15 Local Good

	Local Good supports the establishment and operation of regional new electric power companies that contribute to the promotion of regional economic circulation and regional decarbonization, and are currently the largest regional new power organization in Japan. Please see their website for contact details.
Contact Details	Local Good Senbai building 6F 5-26-30 Shiba Minato-ku Tokyo
	Japan https://localgood.or.jp/



3.16 Ministry of Economy and Finance of the Republic of Uzbekistan

	The I-REC Standard Foundation has recently received a resolution of appointment as the highest form of authorization in the Republic of Uzbekistan for implementation of I-REC adherent issuer in the country. In accordance with this resolution and other supporting documents, the I-REC Standard Foundation Board has approved the Republic of Uzbekistan as an I-REC(E) Issuing country and confirmed the Ministry of Economy and Finance of the Republic of Uzbekistan as the local I-REC(E) Issuer.
Contact Details	Ministry of Economy and Finance of the Republic of Uzbekistan Istiqlol 29 Tashkent City Uzbekistan Shokhzod Islamov - <u>shoxzod.islamov@imv.uz</u> - +998 90 176 76 91 <u>www.imv.uz</u>

3.17 Normex

	Normex is accredited by the Mexican Accreditation Entity AC (ema) and approved by the Ministry of Economy to carry out standards, audits, inspections, and laboratory tests, under the requirements of national and international standards.
Contact Details	Normex Av. San Antonio 256 Piso 7 Ampliación Nápoles C.P. 03840 Benito Juárez Ciudad de México Mexico
	https://normex.com.mx/ aclientes@normex.com.mx



3.18 Oakley Greenwood

	Oakley Greenwood specialises in providing services to the gas industry, electricity sector, water & waste water services, regulators and governance bodies, and consumers.
Contact Details	Oakley Greenwood PO Box 125 Margate Beach Queensland Australia 4019 https://oakleygreenwood.com.au/ info@oakleygreenwood.com.au

3.19 OLOLT Climate Change and Carbon Market Development Centre

	The OLOLT Climate Change and Carbon Market Development
	Center (OLOLT Center) has been Accredited as Mongolia's I-REC(E)
	Issuer. The OLOLT Center is a national climate-oriented non-
	governmental organization, dedicated to empowering and bridging
	the public and private stakeholders for accelerating resource
	mobilization and climate actions through the facilitation of market
	and non-market instruments. As a team of local experts with
	unique experience and qualifications, OLOLT Center has
	participated and contributed to a number of national projects.
Contact Details	OLOLT Climate Change and Carbon Market Development Center
	Suite # 414-67, Bayanmongol Khoroolol
	BZD, Ulaanbaatar
	Mongolia
	13311
	Anand Tsog <u>contact@cccmdc.mn</u>
	Chuluunkhuu Baatar - contact@cccmdc.mn +97699017900



3.20 Pakistan Environment Trust

	The Pakistan Environment Trust (PET) is a non-profit organisation mobilising global capital and expertise towards tackling Pakistan's toughest environmental challenges.
Contact Details	https://pakenvironment.org/ info@pakenvironment.org

3.21 Suriname Energy Centre

	The SEC acts as the national platform for information, training, and events for the energy sector in the country. They focus on the collaboration between the private and public sectors and are therefore highly well-connected and well-informed about the market.
Contact Details	Suriname Energy Chamber Henk Arronstraat 18 / hoek Wulfingstraat (Ondernemers gebouw) Paramaribo Suriname Peter Donk - <u>surinameenergychamber@gmail.com</u> - +597 8732116 www.surinameenergychamber.com

3.22 SCX (Santiago Climate Exchange)

	SCX is a private organisation focused on tracking the reduction of greenhouse gas emissions.
Contact Details	SCX Av. Presidente Errázuriz 3949 Las Condes Santiago Chile
	https://www.scx.cl/ info@scx.cl



3.23 Three Pillars Group

	Three Pillars Group Consulting specialises in various environmental assessments including the renewable energy sector.
Contact Details	Three Pillars Consulting Al Noor Plaza (Building 2118) Unit 107 Al Bashair Street Madinat Sultan Qaboos Muscat Oman Postal Code 116 https://threepillarsgroup.com/ contact@threepillarsgroup.com

3.24 World Green Economy Organization (WGEO)

	The World Green Economy Organization (WGEO) is a comprehensive response to calls by the international community for a holistic approach to spur progress on how and why a green economy is the world's best route towards a safe and prosperous future. WGEO is the official issuer in Dubai for the I-REC international standard for renewable energy certificates.
Contact Details	WGEO Headquarters Dubai UAE https://worldgreeneconomy.org/i-recs/ info@worldgreeneconomy.org



Evident.

400 Springvale Road, Sheffield S10 1LP, UK https://evident.global