

Energy Identification Coding Scheme (EIC): ENTSOG Local Issuing Office Procedures

1. INTRODUCTION

The Energy Identification Coding scheme (EIC) is standardized and maintained by ENTSO-E who acts as “Central Issuing Office” (CIO). EIC codes provide a unique identification of the market participants and other entities active within the Energy Internal European Market (IEM). It is widely used in the Electronic Document Interchange.

The EIC is based on fixed length alphanumeric codes which can be broken down as follows:

- > A 2-character number that identifies the Local Issuing Office (LIO identification). This number is assigned by ENTSO-E. The LIO ID of ENTSOG is 21.
- > One Character identifying the object type that the code represents (see further X, Y, Z, W, T and V types).
- > 12 digits, uppercase characters or minus signs allocated by the issuing office
- > 1 control character to check the code validity.

Valid characters of an EIC code are A-Z, 0-9 and “-”.

For further information please refer to: ENTSO-E’s “THE ENERGY IDENTIFICATION CODING SCHEME (EIC) REFERENCE MANUAL”.

2. ENTSOG LOCAL ISSUING OFFICE

As of 1 March 2013, the European Association for the Streamlining of Energy Exchange, EASEE-gas, has relinquished its responsibilities as an EIC LIO in favour of the European Network of Transmission System Operators for Gas, ENTSOG. This transfer of responsibilities included transfer of all existing codes issued by EASEE-gas.

The ENTSOG Local Issuing Office (LIO) is authorized by ENTSO-E to assign EIC codes according to the rules defined by ENTSO-E⁽¹⁾. ENTSOG is responsible for the allocation and maintenance of the codes it issues or that have been issued under LIO code 21. ENTSOG shall publish a list of all

> ¹ https://www.entsoe.eu/fileadmin/user_upload/edi/library/downloads/EIC_Reference_Manual.pdf

issued codes and standard data identified by the code in its local Registry and shall ensure that the allocated codes are stable over time. This implies that the significance of a code should always remain constant:

- > For organizations: A code shall be allocated to identify an organization. A code defines explicitly the organization in question. The organization should be reflected in the text describing the company and it may be indicated in the name. Consequently, if the organization merely changes its name, its code will not be modified.
- > All allocated codes must respect the rules for establishing EIC codes as described in ENTSO-E's "THE ENERGY IDENTIFICATION CODING SCHEME (EIC) REFERENCE MANUAL".

ENTSOG LIO issues only international codes related to the gas industry.

ENTSOG LIO ensures that the codes under its responsibility remain current and respect the rules laid down by ENTSO-E. Errors reported by the Central Issuing Office or other Local Issuing Offices shall be corrected.

ENTSOG LIO ensures to the best of its ability that the parties, to whom it has allocated codes, will inform it of any changes in the registration.

ENTSOG LIO shall take all the measures possible to correct any anomaly reported to it and shall ensure that the anomaly is rectified in the shortest possible delay.

ENTSOG LIO provides the following services:

- > A web page which provides the necessary services including:
 - Inquiry for a new code, modification or suspension of an existing code
 - Download facility for codes issued by LIO 21 in compliance with the ENTSO-E XML schema
- > Management of the codes already issued or that will be issued by LIO 21
- > The supply of all international assigned codes to the Central Issuing Office containing the standard participant information and their allocated EI codes.
- > The submission of a deactivation request to the Central Issuing Office in the case where an EIC is no longer in use.
- > The verification in the central Registry that a code has not already been allocated for the party in question. If a code has already been allocated, the requestor of the code shall be informed of the code in question.
- > The supply, to a request from an energy partner, of all the standard details concerning a

party.

- > The submission of any updates of participant information provided by the parties.

3. OBJECT TYPES and ENTSOG rules

Currently the following types of object have been identified in the coding scheme, other types of EIC code may be added with the agreement of ENTSO-E. Note that ENTSOG will allocate codes for international use only.

3.1. PARTY (EIC OBJECT TYPE X):

The EIC X code is used to identify parties unambiguously. The code shall be linked to a unique “Display name” and “Company name” based on the unique VAT code of the company (Party) that requests the code.

The EIC X code is generally used to identify a Party in a data interchange. However having an EIC code does not grant a party to participate in any energy market. To ensure this, the party has necessarily to be registered according to local national market rules.

The allocation of “X”-EIC codes for Parties shall be subjected to a series of checks, including a unique VAT code, unique party name, address and display name, validated against the existing codes in the ENTSO-E database. In case of ambiguity, additional verification may be required before a code is assigned.

ENTSOG rules for EIC-X codes:

ENTSOG LIO issues party codes for gas transmission system operators.

In cases that relevant applications are not handled by national LIOs, ENTSOG LIO may also issue party codes for the following parties: LNG system operators, storage system operators, gas HUB operators, producers.

3.2. AREA (EIC OBJECT TYPE Y):

An Area consists of a group of injection points (supply points) and offtake points (gas consumers) that are managed by one party. Typically, it describes a delimited region where gas is supplied with gas at a number of supply points and that is delivering gas to a group of gas consumers.

All areas involved in inter System Operator data interchange must be identified on a central basis. In some countries it is possible for a party to have several accounts for its imbalance settlement. These are called balance groups. Such Balance groups are to be identified by an EIC Y-code. Examples: 10YDK-BALANCE-WM for the western balance area in Denmark.

ENTSOG rules for EIC-Y codes:

ENTSOG LIO issues area codes of international interest only. National/local codes are to be handled by the responsible national LIO(s).

3.3. MEASUREMENT POINT (EIC OBJECT TYPE Z):

A measurement point identifies a physical or logical point that is used to identify an object where the measurement of energy takes place. In gas sector specifically, EIC Z codes are used to identify a physical or logical connection points or interconnection points that can be used to exchange or transfer gas and where gas quantities can be metered.

ENTSOG rules for EIC-Z codes:

ENTSOG LIO issues measurement point codes for points or aggregated (virtual) points connecting a gas transmission system with another transmission system operator, a LNG system operator or a storage system operator. All other types should be handled by the responsible national LIO(s).

3.4. RESOURCE OBJECT (EIC OBJECT TYPE W):

EIC W codes are used to identify different resource objects, such as gas storage facilities and LNG terminal plants.

ENTSOG rules for EIC-W codes:

ENTSOG LIO issues resource object codes for storage facilities and LNG terminal plants that are directly connected to gas transmission systems.

3.5. TIE-LINE (EIC OBJECT TYPE T)

EIC T codes are used to identify the physical lines that connect two Market Balance Areas to closely follow interconnection capabilities.

ENTSOG rules for EIC-T codes:

ENTSOG LIO does not issue tie-line codes. Relevant applications are to be handled by the responsible national LIO(s).

3.6. LOCATION (EIC OBJECT TYPE V):

EIC V codes are used to identify a location, which means a physical or logical place where a party or an IT system of a party is or could be located. A location has necessarily an EIC Responsible Party associated with it.

ENTSOG rules for EIC-V codes:

ENTSOG LIO issues location codes for the ENTSOG Members.

4. EIC CODE INFORMATION REQUIREMENTS

The following basic information is required in order to enable the allocation, change or delete an EIC code:

- > EIC code: The existing EIC code in case of a change or deletion.
- > EIC name: The official name assigned to the EIC code. For a Party code it shall identify the name of the party. For an Area code it shall identify the name of the area, etc.
- > Display name: A short name to be used for display on screen and verbal communication. Within each category (Party, area, metering point, etc.) the Display name shall be unique.
- > EIC parent: In case of a subsidiary or a sub-area, the EIC code of the owner.
- > VAT code: This is only provided for Party codes and identifies the European VAT code of the party in question.
- > Function: The functional use of the code, e.g., "Connection point", to be selected from a pre-defined list.
- > The roles names identified as functions are: Connection Point, LNG plant operator, etc, to be selected from a pre-defined list.
- > Contact details: Contact details of the requester.

LIO ENTSOG may ask for additional information or copies of official documents in order to validate the request e.g. ownership of VAT code etc.

In case the requested EIC code is shared (owned) by multiple parties, a confirmation by all parties may be required e.g. by e-mail. This is typically the case for EIC codes for (inter)connection points between transmission system operators or transmission system operators and other system operators.

5. DISCLAIMER:

By applying for and being allocated an EIC code to LIO 21 of ENTSOG, the EIC Participant (EIC code requesting party) agrees with the terms and conditions expressed in the EIC reference manual² issued by CIO ENTSO-E and the LIO 21 - ENTSOG provisions described in this document. An EIC Participant is responsible for the accuracy and completeness of the information it submits when applying for an EIC code. Once an EIC code is issued, the EIC Participant becomes responsible for the information provided in the EIC code and shall inform the LIO that issued the EIC Code of any changes in the EIC information.

When an EIC Participant is in material breach of this reference manual, the LIO ENTSOG and/or the CIO have the right to suspend the EIC code as described in the EIC reference manual.

ENTSOG rejects all responsibility for any damage resulting to the use of EIC codes or any fraudulent request for EIC codes.

6. Websites and useful links

The following links will be made available on the ENTSOG website. It will guide users to other websites for additional information:

- > ENTSO-E CIO website: <https://www.entsoe.eu/data/energy-identification-codes-eic/Pages/default.aspx>
- > ENTSO-E reference manual: https://www.entsoe.eu/fileadmin/user_upload/edi/library/downloads/EIC_Reference_Manual.pdf
- >
- > ENTSOG EIC code list: <https://www.entsog.eu/eic-codes/downloads>
- > ENTSOG request forms for EIC codes: <https://www.entsog.eu/eic-codes/eic-location-codes-v-request>
- > EFET European Federation of Energy Traders: <http://www.efet.org/>
- > List of the websites of all LIOS: <https://www.entsoe.eu/data/energy-identification-codes->

² https://www.entsoe.eu/fileadmin/user_upload/edi/library/downloads/EIC_Reference_Manual.pdf

[eic/eic-lio-websites/](#)

- > EU VAT code check: http://ec.europa.eu/taxation_customs/vies/?locale=en
- > Swiss VAT code check: <https://www.uid.admin.ch/Search.aspx>
- > Norwegian VAT code check: <https://w2.brreg.no/ebr/>