European Network of
Transmission System Operators
for Electricity

LIO ENTSO-E (10) ENERGY IDENTIFICATION CODE (EIC) MANAGEMENT

2016-06-29

VERSION 2.0

LIO ENTSO-E (10) ENERGY IDENTIFICATION CODE
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VERSION 2.0 - FINAL

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Revision History

Version	Release	Date	Paragraph	Comments
0	0	2010/04/01		Document release
1	0	2010/05/26		Version submitted to Market Committee. Approved by the Market Committee on the 9th of June 2010.
2	0	2016/06/29		New version based on the updated EIC Reference Manual. Approved by Market Committee

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1 INTRODUCTION

In 2002, ETSO established a dedicated organisation to manage the Energy Identification Coding Scheme (EIC), which was transferred to ENTSO-E in 2009. This organisation is based on a de-centralised structure, where Local Issuing Offices (LIO) across Europe issue and manage EIC codes for the identification of entities, objects and areas in the energy sector, while a Central Issuing Office (CIO) collects and publishes these codes centrally.

The Energy identification Coding Scheme is defined in the EIC Reference Manual (Section 8). The Reference Manual also describes the tasks and responsibilities of all the main actors involved in the EIC management.

As every Issuing Office, the LIO ENTSO-E has to manage its own repository, identified with the number 10. **This means that all EIC codes allocated by the LIO ENTSO-E start with the number 10.**

This repository is to be integrated in the Central Issuing Office repository that contains all the international EIC codes as defined in the EIC Reference Manual.

The purpose of this document is to describe the specific management of EIC codes that are to be allocated by the LIO ENTSO-E and to describe the request forms which are needed to apply for an EIC code from the LIO ENTSO-E.

2 ROLES

The issuance of the 10 EIC codes involves two main roles:

A. The ENTSO-E Local Issuing Office (LIO#10) manager who manages the LIO#10 repository. Currently this task is carried out by the ENTSO-E Secretariat.

B. The requester or EIC applicant of a 10 EIC code. In order to facilitate and more easily control the maintenance of the appropriate information related to TSO power systems, the majority of the requests are performed by the **ENTSO-E Transparency Platform Coordinator (TPC)** who is representing his/her TSO in the Working Group TPC and the ENTSO-E Transparency Platform (EC 543/2013). Applicants can be exceptionally accepted from other parties, if they do not participate in the WG TPC (e.g. national associations, non-EU member TSOs, etc.).

The EIC applicants can request from the LIO#10 manager one of the following actions:

- The creation of a new EIC code of type X,Y,T,Z and V;
- The update of the information related to an existing EIC code;
- The deactivation or reactivation of an EIC code.

For the above requests, the EIC applicant shall use the appropriate forms provided by ENTSO-E (Section 8) and send them to the LIO#10 manager.

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67 As the LIO#10 and the Central Issuing Office are currently both managed by the ENTSO-E
68 Secretariat, the LIO#10 is not maintaining any separate local repository. Instead, each new
69 EIC "10" is automatically published and merged with the Central repository of the CIO,
70 together with the EIC codes of all other LIOs.

71 In the next sections, we analyse the processes and forms of the creation of EIC codes,
72 based on the different EIC code type.

73 3 LIO#10 MANAGER CHECKS

74 The LIO#10 manager shall apply the rules defined in the EIC Reference Manual for the
75 generation of an EIC code, in line with the rules that apply for any other Local Issuing Office.
76 The distinction of the EIC code type is done based on the following:

77 • Type X for parties

78 • Type Y for areas

79 • Type T for lines

80 • Type Z for accounting Points

81 • Type V for locations and IT systems

82 4 EIC CODES OF TYPE X ISSUED BY LIO#10

83 EIC codes of type X, i.e. EIC codes starting from 10X, are allocated to legal entities
84 representing:

85 • Transmission System Operators in electricity

86 This involves TSO which are ENTSO-E members, ENTSO-E observer members or
87 non ENTSO-E /non EU members.

88 As most of the TSOs in Europe have received an EIC code during the first years of
89 the EIC scheme, the main task carried out by the LIO#10 manager is to manage
90 future updates of these EIC codes, following requests from the EIC applicant.
91 Updates usually concern changes on the company name, display name or contact
92 information. The EIC code as well as main national registers, such as the VAT
93 number should not be allowed to undergo update, except of certain cases, as they
94 are described in the EIC Reference Manual.

95 • European Organisations, such as ENTSO-E, ENTSOG, EFET etc.

96 The EIC applicants are required to provide the appropriate form with the relevant
97 information to the LIO#10 manager.

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98   ❑   Request form to be filled in: "**EIC_Form_TSO.pdf**" (Figure 1)

Field	Description	Rule
Party and Area	Name of the Transmission System Operator. The LIO#10 manager issue both the 10X and 10Y EIC codes.	Maximum 70 characters
Contact Person	Name and contact details of person to be responsible for the validity of the information provided in the form.	It is recommended to have the contact details of the TPC of this TSO.
EIC Function	One or more functions, as they are described in the List of Allowed Functions	One of the selected functions should be Transmission System Operator.

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TSO party and area EIC code request form

This form is to be addressed to the ENTSO-E LIO Manager at lio@entsoe.eu

Date (YYYY-MM-DD):	2016-03-24
Requestor Name:	John Smith
Organisation of the requestor:	ADMIE
E-mail of the requestor:	John.smith@admie.gr
Request identification:	ADMIE-REQUEST-001

Request for (select only one box):

- **Creation of EIC code:** ☒

(Both X and Y EIC codes will be issued by ENTSO-E after the acceptance of this request)

- **Update of information concerning existing EIC code(s):** ☐

EIC of the TSO (X code):	
EIC of the area controlled by the TSO (Y code):	

(List the EIC code or EIC codes to be updated - In the form, only the fields to be updated are to be filled in)

TSO related information	
TSO Name (max 70 characters)	Independent Power Transmission Operator
TSO Display Name (max 16 characters)	ADMIE
Address	Damaskou 9
Postal code	57011
City	Athens
Country	Greece
ACER number (optional)	A00012345.GR
VAT number	GR12345678
Description (optional)	This is the Greek TSO for electricity
Company Function(s) • Note: The complete list of allowed functions can be found on the ENTSO-E website.	Transmission System Operator
Area Related information	
Area Name (70 characters maximum)	Control Area Greece
Area Display Name (max 16 characters)	CA_GREECE
Area Description (optional)	The area includes the continental part of Greece.
Area function(s) • Note: The complete list of allowed functions can be found on the ENTSO-E website.	Control Area, Member State, Market Balance Area
Contact information	
Contact name	John Smith
Contact e-mail address	John.smith@admie.gr
Contact Telephone	+30210713912

- **Deactivation of EIC code(s):** ☐

(The deactivation of the EIC code will take place two months after the date of this request.)

EIC code(s) to be deactivated:	

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FIGURE 1 EXAMPLE OF THE REQUEST FORM FOR A NEW TSO

5 EIC CODES OF TYPE Y

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102 An EIC code of type Y can be used to describe different types of areas, the majority of which
103 represent a geographical or market concept.

104 • Control Area or Member State: This area describes the geographical area that is
105 under the operational activities of a single TSO or reflect a country. Usually, a Control
106 Area EIC code is allocated together with the Transmission System Operator EIC code
107 using the form "EIC_Form_TSO.pdf" (Figure 1).

108 • Market Balance Area, Bidding Zone, Synchronous Area, Border Area and any area
109 type necessary for the Network Codes: These areas describe market areas in the
110 electricity or gas market.

111 The EIC applicants are required to provide the appropriate form with the relevant information
112 to the LIO#10 manager.

113 ❑ Request form used to be filled in: "**EIC_form_Area.pdf**" (Figure 2)

Object	Rule
Area Display Name	If possible, the TPC should keep this as general as possible. If for example, the area is Portuguese Control Area but also Member state, Control Block , Bidding Zone etc, it is more convenient to mention "Area Portugal"
Contact Person	It is recommended to have the contact details of the TPC in this field.
Function	Market Balance Area, Control Area, Control Block, etc.

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Area EIC code request form

This form is to be addressed to the ENTSO-E LIO Manager at cio-admin@entsoe.eu.

Date (YYYY-MM-DD):	*2016-03-24*
In order to facilitate the maintenance of the appropriate information related to TSO power systems, the ENTSO-E Transparency Platform Coordinator (TPC) is the requester for an Area EIC code (10Y code).	
Submittor Name:	*John Smith*
Organisation:	*ADMIE*
E-mail:	*John.smith@admie.gr*
Request identification:	*ADMIE-0001*

Request for (select only one box):

• **Creation of EIC code:**	☒
(All the information is to be provided – this form is to be used for the creation of cross-border area)	
Area Display Name (16 characters maximum)	*CB_GREECE*
Area EIC Name (70 characters maximum)	*Control Block Greece*
Contact name	*John Smith*
Contact name e-mail address	*John.smith@admie.gr*
EIC code of Responsible Party *(optional)*	*10X1001A1001A043R*
Function	*Control Block, Member State*
Desction (optional)	*This is an area that includes the greek islands*
Reason for the request (optional) (e.g. EIC being required either according to the national legislation, market rules or by a majority of the market participants)	*Required for the Transparency Platform*

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116
FIGURE 2 EXAMPLE OF THE REQUEST FORM FOR AN AREA

117 # 6 EIC CODES OF TYPE T AND Z

118 The physical networks operated by System Operators are connected through dedicated
119 links, either DC or AC, called interconnectors.

120 The correct way to handle the information related to these interconnectors is to identify them
121 through two EIC codes of type T and Z:

122 • 10T codes: for the identification of the interconnector itself as the physical link
123 between two areas in order to publish the information related to planned or forced
124 outages on the ENTSO-E Transparency Platform (regulation EC 543/2013);

125 • 10Z codes: for the identification of the accounting points, i.e. the point used for the
126 Settlement of Interconnection Management and also for the Continental European
127 Accounting and Settlement process.

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128 The 10T EIC codes can be of interest in other sections of the ENTSO-E business activities,
129 such as the Common Grid Model, the ENTSO-E Statistical portal etc.

130 As the interconnection concerns more than one TSO, the request form for the EIC code
131 should be sent to the LIO#10 manager by the TPC members of both concerned TSOs.

132 ❑ Request form used to be filled in: "**EIC_form_Interconnection.pdf**" (Figure 3)

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Field	Rule
EIC code	For historical reasons, there has been a common agreement to accept that the following rule is applied in the construction of a 10T and 10Z code: Between the first characters "10T" and the last one (check digit), the ISO country codes of the member states that are involved in the interconnector are to be added. The ISO country codes will be separated by the symbols "-" and they will be followed by an increment number, as there are often more than one interconnector between two countries. Example: For the interconnector between the substations Elk BIS (Poland) and Alytus (Lithuania) the EIC code is 10T-LT-PT-00001B.
EIC Name	Proposed structure:<substation 1> - <substation 2> Examples: Bisamberg-Sokolnice 1, Bisamberg-Sokolnice 2, Portile de Fier-Djerdap
Display Name	Proposed structure: "L_"<SUBSTATION1>-<SUBSTATION2> for the 10T EIC; "M_"<SUBSTATION1>-<SUBSTATION2> for the 10Z EIC. If there are more than two EIC codes for the same connection, the above structure is followed by an increment number (e.g. "L_ALBERT-RONDIS1" and "L_ALBERT-RONDIS2").
Contact Person	It is recommended to have the contact details of the TPC of this TSO.
EIC Function	The CIO will apply the functions "Tieline" and "Accounting point" for the EIC codes of type 10T and 10Z respectively.

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Interconnector EIC code request form

This form is to be addressed to the ENTSO-E LIO Manager at cio-admin@entsoe.eu.

Date (YYYY-MM-DD):	*2016-03-24*
In order to facilitate the maintenance of the appropriate information related to TSO power systems, the ENTSO-E Transparency Platform Coordinator (TPC) is the requester for an Interconnectior EIC code (10T and 10Z codes).	
Submittor Name:	*John Smith*
Organisation:	*ADMIE*
E-mail:	*John.smith@admie.gr*
Request identification:	*ADMIE-0002*

Request for (select only <u>one box</u>):

• **Creation of EIC codes 10T and 10Z:** ☐	
(Both the T and Z EIC codes will be generated - All the information is to be provided)	
Display Name for the Interconnector (max. 15 characters) *e.g. L_locationA-LocationB*	*L_BISTRI-MOURTOS*
Display Name for the Accounting Point (max. 15 characters) *e.g. M_locationA-LocationB*	*M_BISTRI-MOURTOS*
EIC Name (70 characters maximum)	*Bistrica-Mourtos*
First country (ISO two character Country Code)	*GR*
Second country (ISO two character Country Code)	*AL*
Contact name	*John Smith*
Contact name e-mail address	*John.smith@admie.gr*
Telephone	*+302310713102*
Description (optional)	
Reason for the request (e.g. EIC being required either according to the national legislation, market rules or by a majority of the market participants)	*Required for the Transparency Platform and the statistical portal*

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136   FIGURE 3 EXAMPLE OF THE REQUEST FORM FOR AN INTERCONNECTION

7 EIC CODES OF TYPE V

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138 EIC codes of type V are considered for IT systems and locations. These codes are in
139 principle local and are issued by local LIOs. However, certain cases require that a V code is
140 issued by the LIO ENTSO-E. Possible scenario is when there is a need to identify an IT
141 platform, which is common to several TSOs and that there is not an identified company
142 running this platform (e.g. TSCNET, ENTSO-E verification platform).

143 The EIC applicants are required to provide the appropriate form with the relevant information
144 to the LIO#10 manager.

145 ❑ Request form to be filled in: "**EIC_Request_form_Location.pdf**"
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Location and IT System EIC code request form

This form is to be addressed to the ENTSO-E LIO Manager at cio-admin@entsoe.eu

Date (YYYY-MM-DD):	2016-03-24
Requestor Name:	John Smith
Organisation of the requestor:	ADMIE
E-mail of the requestor:	John.smith@admie.gr
Request identification:	ADMIE-REQUEST-001

Request for (select only one box):

- **Creation of EIC code:** ☒

(Both X and Y EIC codes will be issued by ENTSO-E after the acceptance of this request)

- **Update of information concerning existing EIC code(s):** ☐

EIC of the TSO (V code):	

(List the EIC code or EIC codes to be updated - In the form, only the fields to be updated are to be filled in)

Location related information	
Location Name (max 70 characters)	ECP Transparency Platform Endpoint
Location Display Name (max 16 characters)	CCS_RL
Responsible Party (EIC code)	10X123456123456R
EIC Parent (EIC code) (optional)	
Address (optional)	
City (optional)	
Country (optional)	
Description (optional)	
Location Function(s) • Note: The complete list of allowed functions can be found on the ENTSO-E website.	IT System
Contact information	
Contact name	John Smith
Contact e-mail address	John.smith@admie.gr
Contact Telephone	+30210713912
or by a majority of the market participants)	

- **Deactivation of EIC code(s):** ☐

(The deactivation of the EIC code will take place two months after the date of this request.)

EIC code(s) to be deactivated:	

- **Reactivation of the deactivated EIC code(s):** ☐

EIC code(s) to be reactivated:	

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FIGURE 4 EXAMPLE OF THE REQUEST FORM FOR A LOCATION

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149 **8 REFERENCES**

150   1. EIC Reference Manual

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

152   2. List of Allowed EIC functions

153   https://www.entsoe.eu/fileadmin/user_upload/edi/library/downloads/List_of_allowed_functions.pdf

154   3. ENTSO-E LIO Request forms

155   https://www.entsoe.eu/fileadmin/user_upload/edi/library/downloads/CIO_Code_Request_Forms.zip

156   4. CIO Repository

157   https://www.entsoe.eu/fileadmin/user_upload/edi/library/eic/ars/area.htm