Electronic Data Interchange Working Group

EIC: Area codes analysis

Version 2.0
30 June 2017
Preface

• The present analysis has been undertaken in collaboration with the European Electricity TSOs.

• The presentation illustrates Area-codes (Y-Codes) representing member state, synchronized areas, control blocks, control areas, market balance areas and scheduling areas which are currently or in future in use within the European markets.

• The presentation does not display Y-Codes which are currently used in the ENTSO-E RGCE (regional group continental Europe) settlement and accounting process.

• This list of Y-Codes can be subject to further updates in the future, e.g. depending on changes in area structures at national level.
Definitions (as of October 2015)

- **Synchronous Area**: Synchronous Area means an area covered by interconnected Transmission System Operators (TSOs) with a common System Frequency in a steady state.

- **Control Block**: The composition of one or more Control Areas, working together to ensure the load frequency control on behalf of RGCE.

- **Control Area**: A coherent part of the interconnected system, operated by a single system operator and shall include connected physical loads and/or generation units if any.

- **Bidding Zone**: Bidding Zone means the largest geographical area within which Market Participants are able to exchange energy without Capacity Allocation.

- **Scheduling Area**: The Bidding Zone except if there is more than one Responsibility Area within this Bidding Zone. In the latter case, the Scheduling Area equals Responsibility Area or a group of Responsibility Areas.

- **Market Balance Area**: A geographic area consisting of one or more Metering Grid Areas with common market rules for which the settlement responsible party carries out a balance settlement and which has the same price for imbalance. A Market Balance Area may also be defined due to bottlenecks.
**Synchronous area zones**

**Synchronous Areas**
- GB
- Nordic
- Baltic
- Continental Europe
- Ireland

**Iceland and Cyprus are isolated systems currently not considered as separate Synchronous Areas**

[Map of Europe showing synchronous areas]
Control Blocks (Limited to Continental Europe)  
Part I

Control Blocks  
Coding Objective

Control Blocks

Coding Objective
Control Blocks
Coding Objective
Identification of areas by Member State
AL: Albania

- Member State
- Control Area
- Bidding Zone
- Market Balance Area: 10YAL-KESH----5

- Control Block: 10YCB-ALBANIA--1
BA: Bosnia and Herzegovina

Member State
Control Area
Bidding Zone
Scheduling Area
Market Balance Area
10YBA-JPCC-----D
BG: Bulgaria

Member State
Control Area
Scheduling Area
Bidding Zone
Market Balance Area
10YCA-BULGARIA-R
CZ: Czech Republic

- Member State
- Control Area
- Bidding Zone
- Scheduling Area
- Market Balance Area
- 10Y CZ-CEPS-----N
DK: Denmark

Member State
Scheduling Area
10Y1001A1001A65H

Market Balance Area
Bidding Zone
Control Area
10YDK-1------W

Market Balance Area
Bidding Zone
Control Area
10YDK-2-------M
Member State
10Y1001A1001A83F

Control Area

<table>
<thead>
<tr>
<th>Scheduling Area</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a 10YDE-ENBW------N</td>
<td></td>
</tr>
<tr>
<td>b 10YDE-EON--------1</td>
<td></td>
</tr>
<tr>
<td>c 10YDE-RWENET-----I</td>
<td></td>
</tr>
<tr>
<td>d 10YDE-VE---------2</td>
<td></td>
</tr>
</tbody>
</table>

Bidding Zone
10Y1001A1001A63L

Market Balance Area
10Y1001A1001A82H
EE: Estonia

- Member State
- Control Area
- Bidding Zone
- Scheduling Area
- Market Balance Area
- 10Y1001A1001A39I
ES: Spain

<table>
<thead>
<tr>
<th>Control Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bidding Zone</td>
</tr>
<tr>
<td>Scheduling Area</td>
</tr>
<tr>
<td>Market Balance Area</td>
</tr>
<tr>
<td>10YES-REE------0</td>
</tr>
</tbody>
</table>
FI: Finland

Member State
Control Area
Market Balance Area
Scheduling Area
Bidding Zone
10YFI-1-------U

Work in Progress
FR: France

Control Area
Market Balance Area
Scheduling Area
Bidding Zone
10YFR-RTE------C
**GR: Greece**

<table>
<thead>
<tr>
<th>Control Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bidding Zone</td>
</tr>
<tr>
<td>Scheduling Area</td>
</tr>
<tr>
<td>Market Balance Area</td>
</tr>
<tr>
<td><strong>10YGR-HTSO-----Y</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Control Block</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>10YCB-GREECE---2</strong></td>
</tr>
</tbody>
</table>
IE: Ireland

<table>
<thead>
<tr>
<th>Member State</th>
<th>Bidding Zone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control Area</td>
<td>Market Balance Area</td>
</tr>
<tr>
<td>Scheduling Area</td>
<td>10Y1001A1001A59C</td>
</tr>
<tr>
<td>10YIE-1001A00010</td>
<td></td>
</tr>
</tbody>
</table>

IE
LT: Lithuania

Member State
Control Area
Bidding Zone
Scheduling Area
Market Balance Area
10YLT-1001A0008Q
LU: Luxemburg

Member State
Scheduling Area
Control Area
10YLU-CEGEDEL-NQ

Bidding Zone
10Y1001A1001A63L

Market Balance Area
10Y1001A1001A82H
<table>
<thead>
<tr>
<th>LV: Latvia</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Member State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control Area</td>
</tr>
<tr>
<td>Bidding Zone</td>
</tr>
<tr>
<td>Scheduling Area</td>
</tr>
<tr>
<td>Market Balance Area</td>
</tr>
<tr>
<td>10YLV-1001A00074</td>
</tr>
</tbody>
</table>
ME: Montenegro

- Member State
- Control Area
- Bidding Zone
- Scheduling Area
- Market Balance Area
- 10YCS-CG-TSO---S

Work in Progress
MK: FYROM

Member State
Control Area
Bidding Zone
Scheduling Area
Market Balance Area
10YMK-MEPSO----8
NL: The Netherlands

- Member State
- Control Area
- Scheduling Area
- Bidding Zone
- Market Balance Area
- 10YNL--------L
NO: Norway

<table>
<thead>
<tr>
<th>Member State</th>
<th>Control Area</th>
<th>Scheduling Area</th>
<th>Market Balance Area</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>10YNO-0----------C</td>
</tr>
</tbody>
</table>

Bidding Zone

<table>
<thead>
<tr>
<th>Market Balance Area</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>NO1</td>
<td>10YNO-1-2</td>
</tr>
<tr>
<td>NO2</td>
<td>10YNO-2-T</td>
</tr>
<tr>
<td>NO3</td>
<td>10YNO-3-J</td>
</tr>
<tr>
<td>NO4</td>
<td>10YNO-4-9</td>
</tr>
<tr>
<td>NO5</td>
<td>10Y1001A1001A48H</td>
</tr>
</tbody>
</table>
PL: Poland

Member State
Control Area
Bidding Zone
Scheduling Area
Market Balance Area
10YPL-AREA-----S
RS: Serbia

Member State
Control Area
Bidding Zone
Scheduling Area
Market Balance Area
10YCS-SERBIATSOV
### Member State
SL: Slovenia

### Control Area

<table>
<thead>
<tr>
<th>Bidding Zone</th>
<th>Scheduling Area</th>
<th>Market Balance Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>10YSI-ELES----O</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Work in Progress**
SK: Slovak Republic

Member State
Control Area
Bidding Zone
Market Balance Area
10YSK-SEPS-----K
### UA: Ukraine

<table>
<thead>
<tr>
<th>Control Area</th>
<th>Scheduling Area</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Member State</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Bidding Zone</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Market Area</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Market Balance Area</strong></td>
<td></td>
</tr>
<tr>
<td>10Y1001C—00003F</td>
<td>a 10Y1001A1001A869</td>
</tr>
<tr>
<td></td>
<td>b 10Y1001C--000182</td>
</tr>
<tr>
<td></td>
<td>c 10YUA-WEPS-----0</td>
</tr>
</tbody>
</table>

![Map of Ukraine with regions labeled a, b, and c]