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GC0083 European Transparency Regulation Progress update



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Background

- The European Commission Regulation No 543/2013[1] came into force on 4th July 2013 requires publication of a common set of data related to generation, transmission and electricity consumption.

- Places obligations on primary data owners to submit information to their TSO for publication on a central European reporting platform managed by ENTSO-E.

- Mandatory go-live date of 4th January 2015

1 http://eurlex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2013:163:0001:0012:EN:PDF

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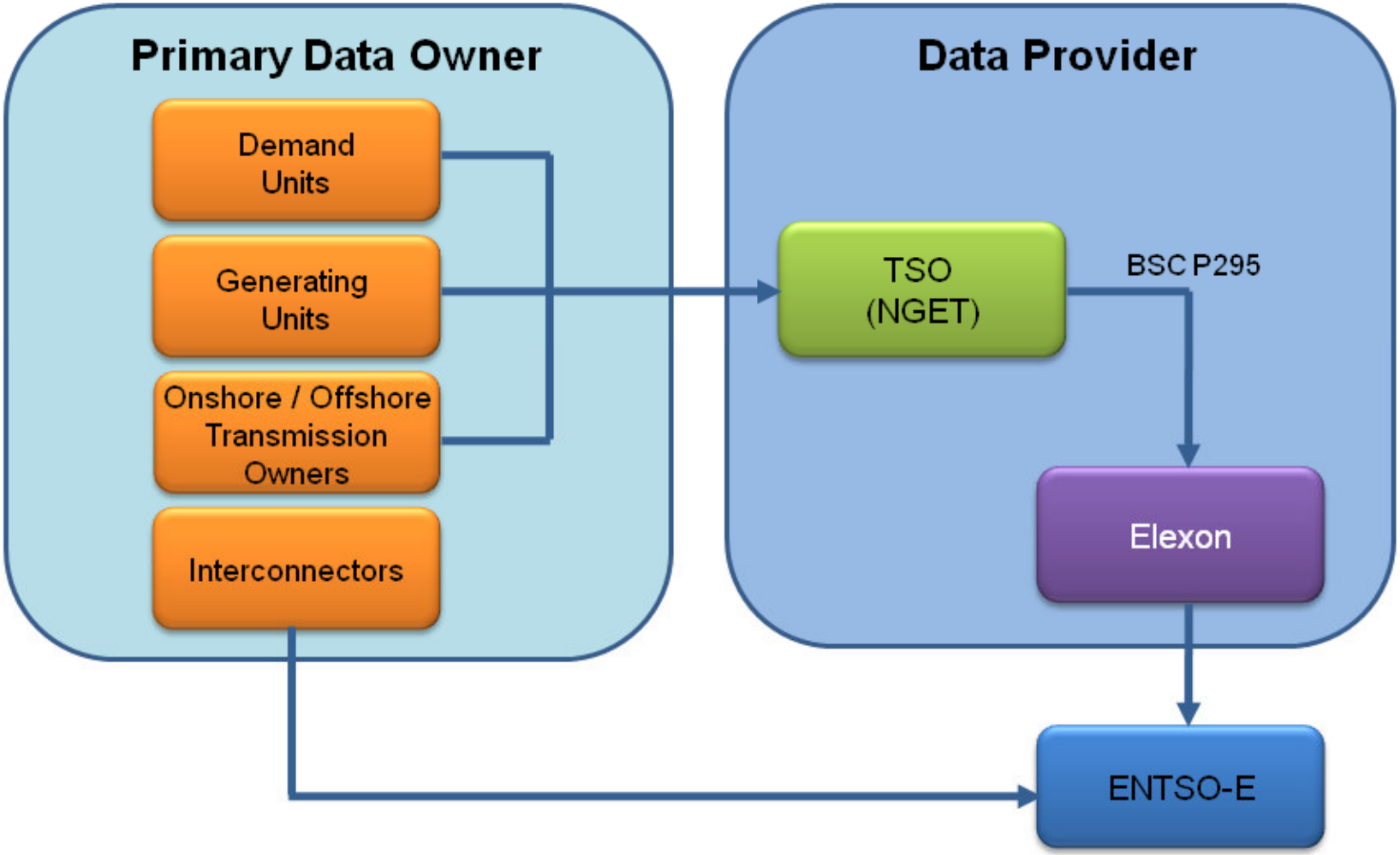
ETR Data flow



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Progress update

- Exercise conducted to map regulation articles to Grid Code sections
- **Additional data** required for:
  - Article 7 - Information relating to the unavailability of consumption units
  - Article 15 - Information relating to the unavailability of generation and production units
  - Article 14 - Forecast generation
    Some changes being progressed under GC0042 - Information on Small Embedded Power Stations and Impact on Demand
- No changes to submission frequency of existing data

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Proposed changes

- New paragraph in OC2 (i.e. OC2.4.7) to specify regulation purpose and requirements
- New table in DRC Schedule 5 – Users System Data
- Table will consist of :
  - Article number
  - Data description
  - Data provider
  - Frequency of submission
- For clarity, table will contain all ETR articles where 3rd party data is required (existing and new)
- Changes to PC.4.3.1 to align NG fuel type to ETR production type

Example of DRC Schedule 5 table

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Schedule 5 – USERS SYSTEM DATA
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European Transparency Regulation (OC2.x.x.x.x)

The data below is for the compliance of European Commission Regulation (EU) No 543/2013

ETR ARTICLE	DATA DESCRIPTION	DATA PROVIDER	FREQUENCY OF SUBMISSION
7.1a	Planned Unavailability greater or equal than 100MW lasting at least one settlement period (OC2.x.x.x.x) - Available capacity during the event (MW) - Estimated start date and time (dd.mm.yy hh:mm) - Estimated end date and time (dd.mm.yy hh:mm) - Reason for unavailability: . Maintenance . Shutdown . Other	Customers Connected to the NETS	As soon as possible but no later than 30 minutes after the decision regarding the planned unavailability is made
7.1b	Changes In Actual Availability Of Consumption Units greater or equal than 100MW lasting at least one settlement period (OC2.x.x.x.x) - Available capacity during the event (MW) - Start date and time (dd.mm.yy hh:mm) - Estimated end date and time (dd.mm.yy hh:mm) - Reason for unavailability: . Maintenance . Failure . Shutdown . Other	Customers Connected to the NETS	As soon as possible but no later than 30 minutes after the change in actual availability
8.1	Year Ahead Forecast Margin OC2.4.1.2.2 - Output Usable	Generators	In accordance with Grid Code OC2.4.1.2.2

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Next steps

- Finalise Legal text
- Circulate industry consultation for comments:
  - DECC
  - Ofgem
  - Grid Code Panel members
- Aspiration is to publish industry consultation before next GCRP

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Questions?

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Appendix

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Production types

Type Number	ENTSO-E description	NG Code	NG Title
1	Biomass	OTHER	Undefined
2	Fossil Brown coal/Lignite	COAL	Coal Plant
3	Fossil Coal-derived gas	CCGT/ OCGT	Combined Cycle Gas Turbine/ Open Cycle Gas Turbine Plan
4	Fossil Gas	CCGT/ OCGT	Combined Cycle Gas Turbine/ Open Cycle Gas Turbine Plan
5	Fossil Hard coal	COAL	Coal Plant
6	Fossil Oil	OIL	Oil Plant
7	Fossil Oil shale	OIL	Oil Plant
8	Fossil Peat	COAL	Coal Plant
9	Geothermal	OTHER	Undefined
10	Hydro Pumped Storage	PS	Pumped Storage Plant
11	Hydro Run-of-river and poundage	NPSHYD	Non Pumped Storage Hydro Plant
12	Hydro Water Reservoir	NPSHYD	Non Pumped Storage Hydro Plant
13	Marine	OTHER	Undefined
14	Nuclear	NUCLEAR	Nuclear Plant
15	Other renewable	OTHER	Undefined
16	Solar	OTHER	Undefined
17	Waste	OTHER	Undefined
18	Wind Offshore	WIND	Power Park Modules metered by the Transmission Operator
19	Wind Onshore	WIND	Power Park Modules metered by the Transmission Operator
20	Other	OTHER	Undefined

Example of DRC Schedule 5 table

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Schedule 5 – USERS SYSTEM DATA
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European Transparency Regulation (OC2.x.x.x.x)

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7.1b	Changes In Actual Availability Of Consumption Units greater or equal than 100MW lasting at least one settlement period (OC2.x.x.x.x) - Available capacity during the event (MW) - Start date and time (dd.mm.yy hh:mm) - Estimated end date and time (dd.mm.yy hh:mm) - Reason for unavailability: . Maintenance . Failure . Shutdown . Other	Customers Connected to the NETS	As soon as possible but no later than 30 minutes after the change in actual availability
8.1	Year Ahead Forecast Margin OC2.4.1.2.2 - Output Usable	Generators	In accordance with Grid Code OC2.4.1.2.2

ETR ARTICLE	DATA DESCRIPTION	DATA PROVIDER	FREQUENCY OF SUBMISSION
14.1a	Annual Generation Capacity for units with greater than 1 MW registered capacity (PC.A.3.1.4*, PC.4.3.1) - Total generation registered capacity (MW) - Production type	Generators	Week 24
14.1b	Annual Capacity for unit with equal or greater than 100 MW registered capacity (PC.4.3.1) - Power Station name - Location - Production type - Voltage connection levels - Total registered capacity (MW)	Generators	Week 24
14.1c	Total estimated schedule generation per settlement period of the following day (BC1.4.2) - Physical Notifications	Generators	11:00 am each day for each settlement period of the next following operational date

* Grid Code modification GC0042. Industry consultation published on 25 February 2014

ETR ARTICLE	DATA DESCRIPTION	DATA PROVIDER	FREQUENCY OF SUBMISSION
15.1a	Planned Unavailability greater or equal than 100MW lasting at least one settlement period up to three years ahead (OC2. x.x.x.x) - Power Station name - Generating Unit name - Location - Registered Capacity (MW) - Production type - Available capacity during the event (MW) - Start date and time (dd.mm.yy hh:mm) - Estimated end date and time (dd.mm.yy hh:mm) - Reason for unavailability: . Maintenance . Shutdown . Other	Generators	As soon as possible but no later than 30 minutes after the decision regarding the planned unavailability is made
15.1b	Changes In Actual Availability greater or equal than 100MW lasting at least one settlement period (OC2. x.x.x.x) - Power Station name - Generating Unit name - Location - Registered Capacity (MW) - Production type - Available capacity during the event (MW) - Start date and time (dd.mm.yy hh:mm) - Estimated end date and time (dd.mm.yy hh:mm) - Reason for unavailability: . Maintenance . Shutdown . Other	Generators	As soon as possible but no later than 30 minutes after the change in actual availability
15.1c	Planned unavailability of a production unit of 200MW or more including changes of 100MW or more in the planned unavailability of that production unit, but not published in accordance with article 15.1a lasting at least one settlement period up to three years ahead (OC2. x.x.x.x) - Power Station name - Location - Registered Capacity (MW) - Production type (i.e. fuel type) - Available capacity during the event (MW) - Start date and time (dd.mm.yy hh:mm) - Estimated end date and time (dd.mm.yy hh:mm) - Reason for unavailability: . Maintenance . Shutdown . Other	Generators	As soon as possible but no later than 30 minutes after the decision regarding the planned unavailability is made