Communication on Connection Network Codes Monitoring activities

Date: 27 March 2020

To:

EU National Energy Regulatory Authorities (NRAs)

EU Transmission System Operators (TSOs)

EU Distribution System Operators (DSOs)

Subject: ***NC RfG and NC HVDC monitoring requirements for ACER***

To whom it may concern,

Article 30(5)[1] of Regulation (EU) 2019/943, Article 59(2)[1] of Regulation (EU) 2016/631 (NC RfG) and Article 76(2)[2] of Regulation (EU) 2016/1447 (NC HVDC) provide a legal basis for the Agency for the Cooperation of Energy Regulators (the Agency) to request ENTSO-E to provide the Agency with the information required to monitor the implementation of both NC RfG and NC HVDC. For this purpose, the Agency drew up a list of required information and submitted a request to ENTSO-E within 12 months of the entry into force of both NC RfG and NC HVDC, respectively.

In response to ACER's requests[3] to ENTSO-E, ENTSO-E has prepared summary tables for each Member State (refer to Annex A of this letter), clarifying the type of information that need to be collected by the TSOs and DSOs e.g. depending on the Type of generation that is connected to their systems as this is defined by the national implementation of Article 5 of the NC RfG. The information will then be aggregated by the TSOs, submitted to ENTSO-E that needs to consequently collate and deliver it to ACER by June 30th each year.

Data provided by each TSO should reflect the status of all Power Generating Modules[4] (PGMs), High Voltage Direct Current[5] (HVDC) systems and Direct Current connected Power Park Modules[6] (DC-connected PPMs) connected to relevant Member State electricity system as at December 31st of preceding year.

[1] https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32019R0943&from=EN
[2] https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=OJ:JOL_2016_112_R_0001#d1e7497-1-1
[2] https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32016R1447#d1e4650-1-1
[3] For NC RfG received on 14 March 2017 and for NC HVDC on 28 September 2017.
[4] Article 2(5) of the NC RfG.
[5] Article 2(1) of the NC HVDC.
[6] Article 2(2) of the NC HVDC.

This letter is to ascertain that all responsible parties will communicate the necessary information on time and in the requested quality, i.e. the DSOs upon request of the regulatory authority as mentioned in Article 59(3) of the NC RfG and Article 76(3) of the NC HVDC to the TSOs, and the TSOs to ENTSO-E.

ENTSO-E should receive all inputs by April 30th of each year. Each Member State can organize the collection of information at will respecting the deadline of April 30th.

Annex A includes clarifications on the data request.

Thank you in advance for your cooperation and support.

Yours sincerely,

Secretary-General

ENTSO-E

Annex A

It is recommended to the data providers to take into account the following points when classifying PGMs as compliant or non-compliant according to the NC RfG:

- Compliant with NC RfG:
  - When PGMs are connected to the system under Operational Notification (ON)[7] ON without any derogation[8];
  - When PGMs are connected to the system under Operational Notification (ON) ON with derogation(s);
  - When PGMs are modernized[9] and therefore they are partially or fully compliant with NC RfG.
- Non-compliant with NC RfG:
  - All the existing;
  - New PGMs connected to the system and ON has not been issued.

In accordance with Article 4(2)(b) of the NC RfG, a PGM shall be considered existing also if the relevant power-generating facility owner has concluded a final and binding contract for the purchase of the main generating plant by two years after the entry into force of NC RfG. The power-generating facility owner must notify the relevant system operator and relevant TSO of conclusion of the contract within 30 months after the entry into force of NC RfG. Therefore, the day of connection to the system is not a definite criterion for recognition of new or existing PGMs. The main criterion is the issue of operational notification according to the relevant articles of NC RfG. The ON is issued after the compliance is proved Article 29(1).

[7] In accordance with TITLE III of the NC RfG.
[8] In accordance with TITLE V of the NC RfG.
[9] In accordance with Article 4(1)(a)(i)-(ii) of the NC RfG concerning type C or type D PGMs.

TABLE 1 FORMAT OF TABLE FOR COLLECTION OF RFG DATA ACCORDING TO ACER REQUEST

			(Name of the Member State)				
			New			Existing PGMs	Any Remarks*)
			PGMs compliant with NC RfG (ON* issued) – without any derogations	PGMs compliant with NC RfG (ON+) issued) – with derogations	PGMs modernized - partially-compliant with NC RfG		
PGM	Type A	Installed generation capacity [MW]					
	Type B	Installed generation capacity [MW]					
	Type C	Installed generation capacity [MW]					
	Type D	Installed generation capacity [MW]					

**) Remarks: Please use this column to provide any additional information, e.g. if data has not been provided yet / at all or is missing. Also use remark column to give advice why certain requested data is not available or applicable.*

+) In case of PGMs of type D as the ON*- Operational Notification shall be considered only FON*- Final Operational Notification

Regarding the HVDC systems and DC-PPMs the following aspects shall be take into consideration in case of classification the compliant or the non-compliant facilities with NC HVDC:

- Compliant with NC HVDC:
  - When HVDC systems or DC-PPMs are connected to the system under a FON[10] without any derogation[11];
  - When HVDC systems or DC-PPMs are connected to the system under a FON with derogation(s);
  - When HVDC systems or DC-PPMs are modernized[12] and therefore they are partially or fully compliant with NC HVDC.
- Non-compliant with NC HVDC:
  - All the existing HVDC systems or DC-PPMs connected to the system;
  - New HVDC systems or DC-PPMs connected to the system and FON has not been issued.

For identification of new or existing HVDC system and DC-PPMs is applied similar approach as for PGMs in the NC RfG.

[10] In accordance with Article 58 of the NC HVDC for HVDC systems and Article 63 of the NC HVDC for DC-connected PPMs.
[11] In accordance with TITLE VII of the NC HVDC.
[12] In accordance with Article 4(1)(a)(i)-(ii) of the NC HVDC.

TABLE 2 FORMAT OF TABLE FOR COLLECTION OF HVDC DATA ACCORDING TO ACER REQUEST

		(Name of Member State)				
		New			Existing HVDC	Any Remarks**)
		HVDC compliant with NC HVDC (FON issued) – without any derogations	HVDC compliant with NC HVDC (FON issued) – with derogations	HVDC modernized - partially-compliant with NC HVDC		
HVDC systems connecting synch. or contr. areas	Installed capacity of converter stations [MW]					
embedded TC-HVDC in one control area	Installed capacity of converter stations [MW]					
embedded DC-HVDC with cross border impact	Installed capacity of converter stations [MW]					
DC-PPMs	Installed capacity of DC-PPM [MW]					

***) Remarks: Please use this column to provide any additional information, e.g. if data has not been provided yet / at all or is missing. Also use remark column to give advice why certain requested data is not available or applicable.*