

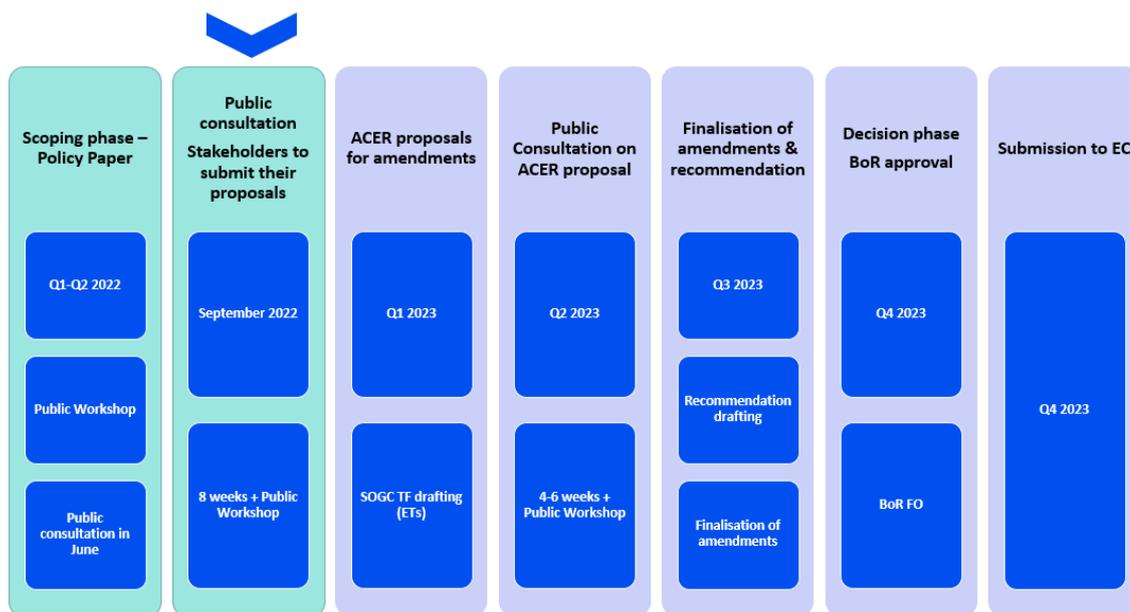
Proposals for amendments to the Requirements for Generators

Fields marked with * are mandatory.

Introduction

Important developments in the policies of decarbonisation of the European Union (EU) energy and transport sectors have taken place since the inception of the development of the first European Grid Connection Network Codes (GC NCs) in 2012.

In the framework of the Grid Connection European Stakeholder Committee (GC ESC), the European Commission proposed for ACER to initiate the process towards the amendment of the existing GC NCs in September 2022. The amendment process, as presented to the GC ESC is outlined in the Figure below:



Following the scoping phase, ACER published the Policy Paper on the revision of the network code on requirements for grid connection of generators and the network code on demand connection in September 2022. The Policy Paper aims to transparently indicate to stakeholders the key policy areas in which amendments are to be expected. Moreover, the Paper draws on the alternative policy options and provides recommendations and proposed actions for the amendment process.

[Access the ACER Policy Paper on the revision of the NC RfG and NC DC](#)

This consultation aims at gathering, from all interested stakeholders, concrete proposals for amendments to the Commission Regulation (EU) 2016/631 of 14 April 2016 establishing a **Network Code on Requirements for Grid Connection of Generators** ('NC RfG').

For amendment proposals concerning Network Code on Demand Connection, please go to the form: [NC DC](#).

Responses to this consultation should be submitted by 21 November 2022 23:59 CET.

ACER is highly committed in processing personal data in a lawful way.

Find out more how we process your data: <https://www.acer.europa.eu/the-agency/about-acer/data-protection>

* Name of the stakeholder:

Swedenergy

* Contact person:

[REDACTED]

* Contact person's email address:

[REDACTED]

* Country of the stakeholder's headquarters or main country of operation:

Sweden

* Type of the stakeholder:

- Generator (including association)
- Consumer (including association)
- Transmission system operator (including association)
- Distribution system operator (including association)
- Manufacturers (including association)
- Academia/research institution
- Regulatory authority
- Other (please, elaborate)

Please, elaborate on your answer above, if necessary:

Energy trade association, representing DSO:s and producers

* Do you consent to the publication of the stakeholder's name?

- Yes
- No

* Do you consent to the publication of provided answers?

- Yes
- No (please, note that your answer, without your name and organization, may be shared with the EU institutions and national authorities, drafting team members, and other persons or entities involved in the European Grid Connection Network Codes amendment process)

Instructions

Stakeholders are invited to submit their amendment proposals to the RfG articles that they consider should be revised in a two-step process:

1. by inserting the proposed amendments in the provided Word file
2. by motivating/reasoning the proposed amendments through this online consultation form.

Both steps are mandatory for all amendment proposals.

(Where no amendment is proposed, the article text in the word file can be left unaltered and the cells in the consultation form can be left blank.)

The mandatory steps for submitting amendment proposals are detailed below. At the end of this section, you can find an example showing how to submit your proposals.

Step 1

Please include all your amendment proposals in the **Word file provided below using the Track Changes mode**. Once you edit the file and rename it with your stakeholder's name ("NC_RfG_stakeholder_name"), please upload it in the last section of this form (FILE UPLOAD)

[Download the Word file \(NC RfG\)](#)

Step 2

In addition, please use this form to motivate/reason your proposals, following the instructions:

General requirements for type B power-generating modules

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 14(1)	1	2	3
Article 14(2)			
Article 14(3)			
Article 14(4)			
Article 14(5)			

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new provisions in this section	Reasoning	Relation to other provisions
4	New provisions		

Please upload your file if necessary

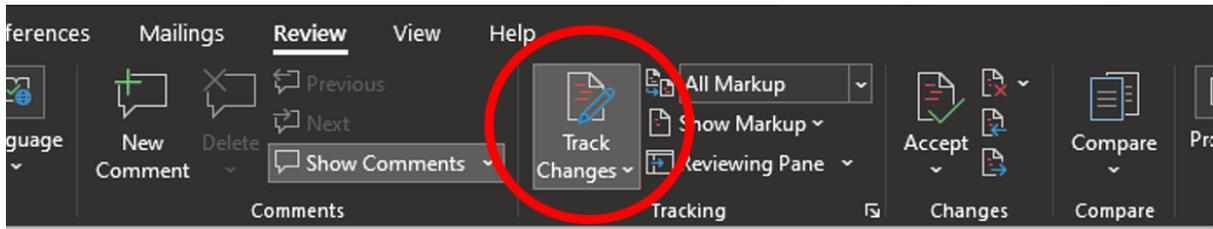
 The maximum file size is 1 MB

5

1. Propose an amended wording of the relevant provision, as you provided in the Word file.
2. Provide the motivation/reasoning behind your proposal.
3. Indicate (if any) which other provisions of the NC RfG are impacted and may need to be amended following your proposal.
4. Provide (if any) your proposals for adding new provisions to the relevant section of the Regulation, as you provided in the Word file.
5. Upload figures or tables if necessary; text inputs should be provided directly in the consultation form.

Example

Stakeholder XYZ would like to propose an amendment to Article 27 of NC RfG. In their view, the meaning of the word "respectively" in this article is not clear. Following a two-step process, the stakeholder downloads the Word file from the **Instruction** section, turns on the Track Changes mode and edits the text (first step).



Article 27

System restoration requirements applicable to AC-connected offshore power park modules

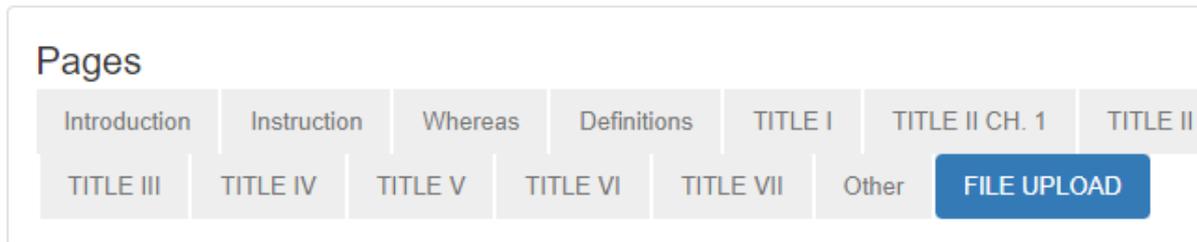
The system restoration requirements laid down respectively in Article 14(4) and Article 15(5) shall apply to AC-connected offshore power park modules types B and C, respectively.

Article 28

General system management requirements applicable to AC-connected offshore power park modules

The general system management requirements laid down in Article 14(5), Article 15(6) and Article 16(4) shall apply to AC-connected offshore power park modules.

After saving the edited file on their device under the name "NC_RfG_Stakeholder_XYZ", the stakeholder uploads it in the **FILE UPLOAD** section.



FILE UPLOAD

Please upload the Word file (downloaded from the *Instruction* section) containing all your amendments
The maximum file size is 1 MB
NC_RfG_Stakeholder_XYZ.docx
Select file to upload

Previous Submit

The stakeholder proceeds to motivate/reason their proposal. As they would like to propose an amendment to Article 27 of NC RfG, they enter **TITLE II CHAPTER 4** Section and insert the proposed amended wording and the reasoning (second step). As the proposed amendment of Article 27 does not affect other provisions, they leave the last column blank.

Pages

Introduction	Instruction	Whereas	Definitions	TITLE I	TITLE II CH. 1	TITLE II CH. 2	TITLE II CH. 3	TITLE II CH. 4
TITLE III	TITLE IV	TITLE V	TITLE VI	TITLE VII	Other	FILE UPLOAD		

TITLE II CHAPTER 4 - Requirements for offshore power park modules

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 23	//	//	//
Article 24	//	//	//
Article 25	//	//	//
Article 26	//	//	//
Article 27	The system restoration requirements laid down in Article 14(4) and Article 15(5) shall apply to AC-connected offshore power park modules types B and C, respectively.	The current wording of Article 27 refers to the provisions of Articles 14(4) and 15(5). However, it is unclear from the legal text how the respective application should be understood. Indicating that the requirements of Article 14(4) shall apply to offshore PPMs type B and requirements of Article 15(5) shall apply to offshore PPMs type C follows the internal logic of the NC RfG and corresponds with the capabilities of the units in question.	//
Article 28	//	//	//

As the survey is long,

1. you have the possibility to edit your answer after submission. When clicking on "submit", you will be given a contribution ID, which you can then use to access your contribution here. This allows you to proceed in steps.
2. we kindly suggest that you download the entire survey as .pdf (link on the right), prepare your answers and then upload them at once in the EU Survey Tool, to avoid a session timeout on submission.

The maximum length of each cell is 5000 characters. This is the maximum technical limit set by the EUsurvey tool, which cannot be increased.

Whereas Section

Please write your amendment proposal and the reasoning in the table below.

Numbers in the first column correspond with the recitals of the NC RfG Whereas section

	Amendment proposal	Reasoning	Relation to other provisions
(1)			
(2)			
(3)			
(4)			
(5)			
(6)			
(7)			
(8)			
(9)			
(10)			
(11)			
(12)			
(13)			
(14)			
(15)			
(16)			
(17)			
(18)			
(19)			
(20)			
(21)			
(22)			
(23)			
(24)			
(25)			

(26)			
(27)			
(28)			
(29)			
(30)			
(31)			

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new recitals	Reasoning	Relation to other provisions
New recitals			

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 2(1)			
Article 2(2)			
Article 2(3)			
Article 2(4)			
Article 2(5)			
Article 2(6)			
Article 2(7)			
Article 2(8)			
Article 2(9)			
Article 2(10)			
Article 2(11)			
Article 2(12)			
Article 2(13)			
Article 2(14)			
Article 2(15)			
		<p>Pmax constitute dimensioning factor for several capacities and characteristics of the PGM:</p> <ul style="list-style-type: none"> - PGM type (type A-D) - Frequency response (FSM) - Reactive power management - Fault-ride-through (t_clear) - Damping of power oscillations (PSS) <p>High Pmax means high capacity to contribute to the national power balance at demanding situations, but it also means higher costs for</p>	

Article 2(16)	(16)'maximum capacity' or 'Pmax' means the maximum continuous active power which a power-generating module can produce at least 90% of the time,	the PGM owner to meet all related requirements above. However, the possibility for the PGM to deliver at Pmax is most often restricted due to physical constrains such as reservoir levels and simultaneous power production in adjacent units (hydropower) and cooling water temperature (thermal plants). The very highest power outputs can only be delivered a few hours per year, but they are expensive to make available since the related requirements drive costs. In current implementation of RfG, producers might limit their Pmax to avoid these higher costs. However, these highest power capacities may have high societal value that today may be lost. Thus, we propose a new definition of Pmax that caps the few hours per year of the highest possible power capacities.	
Article 2(17)			
Article 2(18)			
Article 2(19)			
Article 2(20)			
Article 2(21)			
Article 2(22)			

Article 2(23)	(23)'droop' means the ratio of a steady-state change of frequency to the resulting steady-state change in active power output or controlled quantity, expressed in percentage terms. The change in frequency is expressed as a ratio to nominal frequency and the change in active power or controlled quantity expressed as a ratio to maximum capacity or actual active power or controlled quantity at the moment the relevant threshold is reached;	Allows guide vane opening feedback, see proposed article 13 (8).	13(8)
Article 2(24)	'minimum regulating level' means the minimum active power or controlled quantity, as specified in the connection agreement or as agreed between the relevant system operator and the power-generating facility owner, down to which the power-generating module can control active power;	Allows guide vane opening feedback, see proposed article 13 (8).	13(8)
Article 2(25)			
Article 2(26)			
Article 2(27)			
Article 2(28)			
Article 2(29)			
Article 2(30)			
Article 2(31)			

Article 2(32)			
Article 2(33)			
Article 2(34)			
Article 2(35)			
Article 2(36)			
Article 2(37)			
Article 2(38)			
Article 2(39)			
Article 2(40)			
Article 2(41)			
Article 2(42)			
Article 2(43)			
Article 2(44)			
Article 2(45)			
Article 2(46)			
Article 2(47)			
Article 2(48)			
Article 2(49)			
Article 2(50)	(50)'minimum stable operating level' means the minimum active power or controlled quantity, as specified in the connection agreement or as agreed between the relevant system operator and the power-generating facility owner, at which the power-generating module can be operated stably for an unlimited time;	Allows guide vane opening feedback, see proposed article 13 (8).	13(8)

Article 2(51)			
Article 2(52)			
Article 2(53)			
Article 2(54)			
Article 2(55)			
Article 2(56)			
Article 2(57)			
Article 2(58)			
Article 2(59)			
Article 2(60)			
Article 2(61)			
Article 2(62)			
Article 2(63)			
Article 2(64)			
Article 2(65)			

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new definitions	Reasoning	Relation to other provisions
New definitions	<p>Definition 66: 'controlled quantity' means the quantity that is used as feedback in the control scheme used to adjust the active power;</p> <p>Definition 67: 'active power setpoint' means the target value for the active power, or for power generating modules covered by [proposed amendment] 13(8) the target value for the controlled quantity;</p>	<p>Allows guide vane opening feedback, see proposed article 13 (8).</p>	<p>13(8)</p>

Please upload figures or tables if necessary

The maximum file size is 1 MB

d8c63c2d-ffc-40fe-8039-f1b4d5439f19/Pmax_availability.png

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

TITLE I - General provisions

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 1			
Article 3			
Article 4	4.1: Amendment proposal in accordance with proposal presented in the final report by the EG CSM of the ESC 2022-02-11.	<p>Criteria for significant modernization of PGMs are unclear and should be specified. Swedenergy supports the conclusions of the relevant Expert Group in the ESC.</p> <p>It is important that the RfG specifies an interval for each characteristic change required for a production facility to be covered by the RfG. It should be possible to adapt to national needs, but there must also be a specified minimum level of change to avoid too big differences.</p> <p>Swedenergy suggests that only the modernized part of the facility must fulfil the criteria of RfG. Moreover, the modernization as such may not disqualify future modernizations from meeting the criteria of RfG. RfG should provide guidance to the NRA on what articles in RfG that should be applied in relation to the extent of the modernization.</p>	

Article 5	5.2, amendment: (110 kV should be used unless the regulatory authority decides something else)	The voltage of 110 kV is not suitable in all member states, so it should be possible for the regulatory authority to specify a different voltage level that indicates which production facilities are to be counted as type D regardless of size. Or as an alternative, remove the voltage criterion.	
Article 6			
Article 7			
Article 8			
Article 9			
Article 10			
Article 11			
Article 12			

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new articles in this section	Reasoning	Relation to other provisions
New articles			

Please upload figures or tables if necessary

The maximum file size is 1 MB

TITLE II CHAPTER 1 - General Requirements

General requirements for type A power-generating modules

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 13(1)			
Article 13(2)	Figure 1: 'Pref' refers to either 'Maximum capacity' or 'maximal value of the controlled quantity' and ' ΔP ' to either the change in active power or controlled quantity.	Allows guide vane opening feedback, see proposed article 13 (8).	13(8)
Article 13(3)	The power-generating module shall be capable of maintaining constant output, i.e. constant active power or constant controlled quantity, at its target active power value regardless	Allows guide vane opening feedback, see proposed article 13 (8).	13(8)
Article 13(4)	admissible active power or controlled quantity reduction from maximum output or controlled quantity...	Allows guide vane opening feedback, see proposed article 13 (8).	13(8)
Article 13(5)	admissible active power or controlled quantity reduction from maximum output or controlled quantity...	Allows guide vane opening feedback, see proposed article 13 (8).	13(8)
Article 13(6)			
Article 13(7)			

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new provisions in this section	Reasoning	Relation to other provisions
New provisions	<p>New provision 13(8) Existing power generating modules that have traditionally utilized another measured quantity than active power as feedback in the main control scheme, such as the turbine governor control loop, are allowed to continue that practice.</p>	<p>The majority of the large Swedish hydro power units are built with guide vane opening as feedback to the turbine governor. The possibility to switch to active power as feedback has been investigated as that construction became feasible but with the result that guide vane feedback should be preserved. One important reason is that many of the underground hydropower plants are built without respect to the Thoma criterion for surge tank area. Hence, these plants risk self-excitation of surge tank water level, and hence in active power output, if operated with active power feedback.</p> <p>Another risk is that if active power control is incorporated, the water way dynamics will affect the control loop, which will affect the grid in a negative way. This is eliminated by using guide vane opening as feedback.</p>	<p>These added and modified definitions are intended to affect e.g. the following articles:</p> <ul style="list-style-type: none"> • 13.2 LFSM-O • 15.2.a Active power controllability and control range • 15.2.c LFSM-U • 15.2.d FSM • 44.2 LFSM-O compliance test • 45.2 LFSM-U compliance test • 45.3 FSM compliance test

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

General requirements for type B power-generating modules

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 14(1)			
Article 14(2)			
Article 14(3)	0,14-0,15 (or 0,14-0,25 if system protection and secure operation so require for specific PGMs)	<p>In Sweden, t_{clear} has been chosen outside the interval of 0,14-0,15 s and applied to all PGMs. RfG indicates that this can be done only under certain conditions, whereas the Swedish national criteria defines this as a general criteria. It should be clearly specified in RfG that a value outside the default interval may only be required under certain conditions for specific PGMs.</p> <p>In Sweden a general criterion of $t_{clear} = 0,20$ s has been chosen. This causes difficulties for existing PGMs to fulfil after significant modernizations. RfG should clearly state that the interval 0,14-015 s is a general requirement, but other values may be required under certain conditions for specific PGMs. In those cases, this must be well motivated by the TSO.</p>	16(3)
Article 14(4)			
Article 14(5)			

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new provisions in this section	Reasoning	Relation to other provisions
New provisions			

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

General requirements for type C power-generating modules

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 15(1)			
Article 15(2)	<p>Figure 4 and 5: 'Pref' refers to either 'Maximum capacity' or 'maximal value of the controlled quantity' and 'ΔP' to either the change in active power or controlled quantity.</p> <p>...the tolerance for the active power or controlled quantity;</p> <p>Table 4: Parameters for active power or controlled quantity</p> <p>Table 5: Parameters for active power or controlled quantity</p>	<p>Allows guide vane opening feedback, see proposed article 13 (8).</p>	13(8)
Article 15(3)			
Article 15(4)	<p>b. ...operating without power reduction, or reduction of the controlled quantity,...</p>	<p>Allows guide vane opening feedback, see proposed article 13 (8).</p>	13(8)
Article 15(5)			
Article 15(6)	<p>e. ... minimum and maximum limits on rates of change of active power output or controlled quantity...</p>	<p>Allows guide vane opening feedback, see proposed article 13 (8).</p>	13(8)

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new provisions in this section	Reasoning	Relation to other provisions
New provisions			

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

General requirements for type D power-generating modules

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 16(1)			
Article 16(2)	Table 6.1: Nordic, 0,90 – 0,95, 60 min (time limitation)	Production at 400 kV [ref. voltage] x 0.9 =360 kV should be limited in time. Since the voltage normally is around 412-415kV in the northern parts of Sweden. This extreme production situation [360 kV] will appear extremely seldom, if maybe newer. To allow a limitation in time for this production situation shouldn't be very problematic. If the time is unlimited the cost will be unnecessarily high, which from a socioeconomic perspective would be unfortunate.	

Article 16(3)	0,14-0,15 (or 0,14-0,25 if system protection and secure operation so require for specific PGMs)	<p>In Sweden, t_{clear} has been chosen outside the interval of 0,14-0,15 s and applied to all PGMs. RfG indicates that this can be done only under certain conditions, whereas the Swedish national criteria defines this as a general criteria. It should be clearly specified in RfG that a value outside the default interval may only be required under certain conditions for specific PGMs. In Sweden a general criterion of $t_{clear} = 0,20$ s has been chosen. This causes difficulties for existing PGMs to fulfil after significant modernizations. RfG should clearly state that the interval 0,14-015 s is a general requirement, but other values may be required under certain conditions for specific PGMs. In those cases, this must be well motivated by the TSO.</p>	14(3)
Article 16(4)			

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new provisions in this section	Reasoning	Relation to other provisions
New provisions			

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

TITLE II CHAPTER 2 - Requirements for synchronous power-generating modules

Requirements for type B synchronous power-generating modules

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 17(1)			
Article 17(2)			
Article 17(3)			

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new provisions in this section	Reasoning	Relation to other provisions
New provisions			

Please upload figures or tables if necessary

The maximum file size is 1 MB

Requirements for type C synchronous power-generating modules

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 18(1)			
Article 18(2)			

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new provisions in this section	Reasoning	Relation to other provisions
New provisions			

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

Requirements for type D synchronous power-generating modules

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 19(1)			
Article 19(2)			
Article 19(3)			

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new provisions in this section	Reasoning	Relation to other provisions
New provisions			

Please upload figures or tables if necessary

The maximum file size is 1 MB

TITLE II CHAPTER 3 - Requirements for power park modules

Requirements for type B power park modules

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 20(1)			
Article 20(2)			
Article 20(3)			

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new provisions in this section	Reasoning	Relation to other provisions
New provisions			

Please upload figures or tables if necessary

The maximum file size is 1 MB

Requirements for type C power park modules

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 21(1)			
Article 21(2)			
Article 21(3)	Another point than connection point may be utilized upon approval from regulatory authority.	According to Article 21, the regulation point should always be at the connection point when connecting power park modules. It should however be possible for the regulatory authority to grant exceptions if it provides a better solution for the system to measure in another point.	

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new provisions in this section	Reasoning	Relation to other provisions
New provisions			

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

Requirements for type D power park modules

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 22			

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new provisions in this section	Reasoning	Relation to other provisions
New provisions			

Please upload figures or tables if necessary

The maximum file size is 1 MB

TITLE II CHAPTER 4 - Requirements for offshore power park modules

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 23			
Article 24			
Article 25			
Article 26			
Article 27			
Article 28			

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new articles in this section	Reasoning	Relation to other provisions
New articles			

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

TITLE III - Operational notification procedure for connection

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 29			
Article 30			
Article 31			
Article 32			
Article 33			
Article 34			
Article 35			
Article 36			
Article 37			
Article 38			
Article 39			

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new articles in this section	Reasoning	Relation to other provisions
New articles			

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

TITLE IV - Compliance

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 40			
Article 41			
Article 42			
Article 43			
Article 44			
Article 45			
Article 46			
Article 47			
Article 48			
Article 49			
Article 50			
Article 51			
Article 52			
Article 53			
Article 54			
Article 55			
Article 56			
Article 57			
Article 58			
Article 59			

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new articles in this section	Reasoning	Relation to other provisions
New articles			

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

TITLE V - Derogations

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 60			
Article 61			
Article 62			
Article 63			
Article 64			
Article 65			

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new articles in this section	Reasoning	Relation to other provisions
New articles			

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

TITLE VI - Transitional arrangements for emerging technologies

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 66			
Article 67			
Article 68			
Article 69			
Article 70			

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new articles in this section	Reasoning	Relation to other provisions
New articles			

Please upload figures or tables if necessary

The maximum file size is 1 MB

TITLE VII - Final provisions

Please write your amendment proposal and the reasoning in the table below.

	Amendment proposal	Reasoning	Relation to other provisions
Article 71			
Article 72			

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new articles in this section	Reasoning	Relation to other provisions
New articles			

Please upload figures or tables if necessary

The maximum file size is 1 MB

Other additional provisions

Please write your amendment proposal and the reasoning in the table below.

	Proposal for new provisions	Reasoning	Relation to other provisions
Other new provisions			

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

Please upload figures or tables if necessary

The maximum file size is 1 MB

FILE UPLOAD

Please upload the Word file (downloaded from the **Instruction** section) containing all your amendment proposals in the Track Changes mode.

The maximum file size is 1 MB

5d4eea48-ae42-414a-95e4-102185bae620/NC_RfG_Swedenergy.docx

Contact

[Contact Form](#)

