Action plans: Overview and main characteristics

Country	TSOs	Structural congestion report		Action plan		Relevant CCA	Bidding zone borders or CNECs	Point of linear trajectory in min MACZT% (= MACZTtarget)		Remarks
		TSO report published	Date of NRA approval	Approval by Member State	Starting/end date of action plan			2020	2021	
NL	TenneT NL	Yes, annex of NRA decision [1]	15/11/2019 [2]	Yes, published December 2019 [3]	01/01/2020 - 31/12/2025	CWE	CWE CNECs	min: 20%, max: 70%, mean: 26%, median: 20%	min: 28%, max: 70%, mean: 33%, median: 28%	MACZT target defined based on average MCCC for CWE. MNCC contribution not considered
						GB-NL (NL side) (future Channel)	NL-GB	70%	70%	No linear trajectory
						DK1-NL (NL side) (future Hansa)	NL-DK1	70%	70%	No linear trajectory
						NL-NO2	NL-NO2	70%	70%	No linear trajectory
DE	TenneT DE, Amprion, TransnetBW, 50Hz	Yes, 04/07/2019 [4]	28/11/2020 [5]	Sent to ACER 18/12/2019 [6] [7]	01/01/2020 - 31/12/2025	CWE	CWE CNECs	11.5% (20% minRAM is applied in addition)	21.3%	
						DE-CZ_PL	• DE-PL • DE-CZ	11.5%	21.3%	
						DE-DK1 (DE side) (future Hansa)	DE-DK1	23.9% from linear trajectory based per CNEC [8]	31.6% from linear trajectory based per CNEC [8]	
						DE-SE4 (DE side) (future Hansa)	DE-SE4	41%	46%	

Action plans: Overview and main characteristics

Country	TSOs	Structural congestion report		Action plan		Relevant CCA	Bidding zone borders or CNECs	Point of linear trajectory in min MACZT% (= MACZTtarget)		Remarks
		TSO report published	Date of NRA approval	Approval by Member State	Starting/end date of action plan			2020	2021	
PL	PSE	No	07/08/2019 [9]	17/12/2019 [10]	01/01/2020 - 31/12/2025	PL-CZ_DE_SK	• PL- DE • PL-CZ • PL-SK	min: 0%, max: 29%	min: 12%, max: 36%	
						LT-PL (PL side) (future Baltic)	PL-LT	70%	70%	No linear trajectory
						PL-SE4 (PL side) (future Hansa)	PL-SE4	70% for SE4-PL 40% for PL-SE4	70% for SE4-PL 45% for PL-SE4	
AT	APG	Yes, HOTSPOT BERICHT on E-Control's website [11]	24/09/2020 [12]	-	01/01/2021 - 31/12/2025	CWE	CWE CNECs			ACER was informed about the intention of the AT government to have an action plan, but a decision has not yet been taken
						Italy North	APG's CNECs in Italy North			
RO	Transelectrica	Yes, as annex to NRA decision [13]	11/11/2020 [13]	-	01/01/2021 - 31/12/2025	RO borders (Core)	RO-HU	NA	33%	No further information received by ACER on the content of the action plan
						RO borders (South-East Europe, SEE)	RO-BG	NA	20%	

Notes referred to in the table:

1 https://www.acm.nl/sites/default/files/documents/goedkeuring-structurele-congestierapport-tennet-tso-def.pdf
2 https://www.acm.nl/nl/publicaties/goedkeuring-structurele-congestierapport-tennet-tso
3 https://www.government.nl/documents/publications/2019/12/20/action-plan-increasing-the-availability-of-cross-zonal-transmission-capacity-for-electricity-trade
4 https://www.bundesnetzagentur.de/DE/Service-Funktionen/Beschlusskammern/BK04/BK4_91_Weiteres/Engpassbericht/190704_4_UENB_Engpassbericht_final_BA.pdf?__blob=publicationFile&v=3
5 Bericht gemäß Artikel 14 Absatz 7 der Verordnung (EU) 2019/943 (bundesnetzagentur.de)
6 https://www.bmwi.de/Redaktion/DE/Downloads/A/aktionsplan-gebotszone.html
7 https://www.bmwi.de/Redaktion/EN/Downloads/a/action-plan-bidding-zone.pdf?__blob=publicationFile&v=6
8 In 2020 the starting point is 428 MW, but that might change with new lines. The minimum 1300 MW as "TenneT's commitment" from DG COMP applies in addition to the starting point.
9 https://www.gov.pl/web/aktywa-panstwowe/plan-dzialania-przyjety-przez-kse
10 Adopted for implementation on December 17, 2019 First page of www.gov.pl/attachment/8f1ecddb-e974-4562-8768-219f7051a8cf
11 https://www.e-control.at/documents/1785851/0/Beilage+1+-+Hotspot+Bericht+gem+Art+14+Abs+7+EU-VO.pdf/cc107b19-4ad5-2404-1521-4afe3f268f1f?t=1601447284360
12 https://www.e-control.at/documents/1785851/0/V+ELBM+03_20+Bescheid_Hot+Spot+Bericht+Art.+14_7+final+1v0+20200922.pdf/359d1d42-2441-0da0-63ba-8bd563cca3ef?t=1601447251935
13 https://www.anre.ro/ro/energie-electrica/legislatie/coduri-paneuropene1476186098/regulamentul-ue-nr-943-2019

Derogation requests for 2020: Overview and main characteristics

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				Procedural aspects of derogation				Content of derogation request						
Country	**TSOs**	**Relevant CCA**	**Respective bidding zone borders or CNECs**	**Reasons for derogation**	**Formal disagreement to the derogation request**	**NRA approval**	**Duration of derogation**	**Included minimum level of MACZT**	**Minimum level specified**	**Monitoring requirement (including frequency)**	**Includes a timeline for the adoption of the methodology**	**Includes a timeline for the projects**	**Alignment and harmonisation in Capacity Calculation Region (CCR)**	**Derogation request includes explanation why TSO cannot publish methodology**
AT	APG	CWE, AT-CZ_HU_SI (AT side)	• APG's CNECs in CWE • APG's NTC bidding zone borders in Core: AT-CZ, AT-HU, AT-SL	• Insufficient concepts and IT tools • Insufficient redispatch potential • Uncertainties due to external flows from 3rd countries • Loop flows and Phase Shifting Transformer (PST) flows • Uncertainties due to absence of common coordinated forecast process	None	Approved by E-Control. Date of decision: 13/12/2019	1 year	Yes	For NTC borders (AT/CZ, AT/HU and AT/SI): Per border and direction the values that are at least on the same level (on average per border and per direction) as in the last three years. For the Flow Based (FB) border (AT/DE): 20% of Fmax per CNEC for cross-zonal trades within the CWE region and the currently applied process of the long-term capacity inclusion.	Yes, biannually	No	Yes, for Core FB Capacity Calculation Methodology (CCM): mid 2021	No	NA
		North Italy, AT-CZ_HU_SI (AT side)	APG's CNECs in Italy North	• Insufficient concepts and IT tools • Insufficient redispatch potential • Uncertainties due to external flows from 3rd countries • Loop flows and PST flows • Uncertainties due to absence of common coordinated forecast process	None	Approved by E-Control. Date of decision: 13/12/2019	1 year	Yes	NTC values that are at least on the same level (on average per direction) as in the last three years.	Yes, biannually	No	Yes, for development of new processes and tools: end 2020	Yes	NA
BE	Elia	CWE	Elia's CNECs in CWE	• Loop flows • Lack of redispatching potential in case of planned outage for grid reinforcement • Development of new processes and tools	None	Approved by CREG. Date of decision: 05/12/2019	1 year for loop flows and lack of redispatching potential, 3 months for development of new processes and tools	Methodology	• MACZTmin = 70% - max(0; LFcalculated - LFacceptable) • LFacceptable is 30%-FRM for cross-border CNECs and 50% of (30%-FRM) for internal CNECs, all exchanges considered • Minimum 20% of Fmax in CWE	Yes, no frequency specified	Yes, 01/04/2020	Yes, for process and tools: 01/04/2020	Partially in CWE	NA
BG	ESO EAD	BG-GR (BG side), BG-RO (BG side) (future SEE)	• BG-GR • BG-RO	• Existence of physical power flows with neighbouring non-EU countries • Current inability to apply SEE CCR methodology for coordinated capacity calculation • ESO EAD has no operational experience on the technical implications of conducting a re-dispatching action to increase cross-zonal capacity • Technical limitations of cross-border power flows • Projects for long-term solution - construction of new 400kV transmission lines	None	Pending	1 year	No	NA	No	No	No	Yes	NA

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				Procedural aspects of derogation				Content of derogation request						
Country	**TSOs**	**Relevant CCA**	**Respective bidding zone borders or CNECs**	**Reasons for derogation**	**Formal disagreement to the derogation request**	**NRA approval**	**Duration of derogation**	**Included minimum level of MACZT**	**Minimum level specified**	**Monitoring requirement (including frequency)**	**Includes a timeline for the adoption of the methodology**	**Includes a timeline for the projects**	**Alignment and harmonisation in Capacity Calculation Region (CCR)**	**Derogation request includes explanation why TSO cannot publish methodology**
CZ	CEPS	CZ borders (future Core)	Not defined	• Absence of CACM-compliant CCM (cNTC or FB) • Loop flows • Development and testing of significant methodological changes in CCMs and Capacity Allocation Mechanisms (CAMs) • ACER Recommendation does not take interdependencies between bidding zone borders into account • Level of available capacity cannot be calculated	None	Approved by ERO. Date of decision: 11/12/2019	1 year	No	NA	No	No	No	No	NA
ES	REE	ES- FR (ES side) and ES-PT (ES side) until 28/01/2020, SWE from 29/01/2020 onwards	• ES-FR • ES-PT	• Development of new tools for assess in a coordinated manner and validate the potential available remedial actions (considering the already existing grid and generation assets) • Implementation of SWE CCM (go-live January 2020) • Development and implementation of monitoring tools to better calculate margin	None	Approved by CNMC. Date of decision: 17/12/2019	1 year	No	NA	Yes, quarterly	No	Yes, for development of SWE D-2 CCM: January 2020	Yes	NA
FR	RTE	CWE	RTE's CNECs in CWE	• Uncertainties due to external flows from neighbouring CCRs and 3rd countries • Development of new processes and tools	None	Approved by CRE. Date of decision: 12/12/2019	6 months (01/01/2020-30/06/2020)	Yes	20% of Fmax	Yes, every two months	No	Yes, until 30/06/2020	Partially in CWE	NA
			RTE's CNECs in CWE	The main driver for this derogation is the impact of Covid-19 into the technical roadmap targeted six months before.	None	Approved by CRE. Date of decision: 18/06/2020	6 months (01/07/2020-31/12/2020)	No	20% of Fmax	Yes, every month	No	Yes, until 01/01/2021	No	NA
		ES-FR (FR side) until 28/01/2020, SWE from 29/01/2020 onwards	FR-ES	• Development of new tools for assess in a coordinated manner and validate the potential available remedial actions (considering the already existing grid and generation assets) • Implementation of SWE CCM (go-live January 2020) • Development and implementation of monitoring tools to better calculate margin	None	Approved by CRE. Date of decision: 12/12/2019	1 year	Yes	70% in 70% of the relevant hours of the year. No specific information on the scope of the 'relevant' hours is included.	Yes, every three months	No	Yes, for development of SWE D-2 CCM: January 2020	Yes	No
		North Italy	FR-IT	• Uncertainties on external flows from outside the coordination area and from 3rd countries • Not enough experience in granting operational security with high cross border capacity and potential high request for remedial actions • Development of new processes and tools both at TSO and Regional Security Coordinator (RSC) levels	None	Approved by CRE. Date of decision: 12/12/2019	1 year	Yes	70% in 70% of the relevant hours of the year. No specific information on the scope of the 'relevant' hours is included.	Yes, every three months	No	No	Yes	No

Derogation requests for 2020: Overview and main characteristics

				Procedural aspects of derogation				Content of derogation request						
Country	**TSOs**	**Relevant CCA**	**Respective bidding zone borders or CNECs**	**Reasons for derogation**	**Formal disagreement to the derogation request**	**NRA approval**	**Duration of derogation**	**Included minimum level of MACZT**	**Minimum level specified**	**Monitoring requirement (including frequency)**	**Includes a timeline for the adoption of the methodology**	**Includes a timeline for the projects**	**Alignment and harmonisation in Capacity Calculation Region (CCR)**	**Derogation request includes explanation why TSO cannot publish methodology**
GR	ADMIE (IPTO)	GR northern borders (future SEE)	GR-BG	• Absence of coordinated capacity calculation in SEE CCR • Uncertainties in the capacity calculation process related to non-coordinated areas • Insufficient redispatch potential to guarantee the 70% capacity criterion • Insufficient IT-tools for capacity calculation and validation • Absence of consideration of flows of 3rd countries in the capacity calculation	None	Approved by RAE. Date of decision: 15/10/2020	1 year	No	NA	Yes, no frequency specified	No	Yes, SEE D-2 CCM to be implemented by the end of 2020	Yes	NA
HR	HOPS	HR-HU (HR side), HR-SI (HR side) (future Core)	• HR - SI • HR - HU • All critical elements of the transmission network	• Absence of CACM-compliant CCM (cNTC or FB) • Insufficient redispatch potential • Lack of redispatching potential in case of planned outage for grid reinforcement	None	Approved by HERA. Date of decision: 17/12/2019	1 year	No	NA	No	No	No	No	NA
HU	MAVIR	HU-RO (HU side), HU-SK (HU side), AT-HU (HU side), HR-HU (HU side) (future Core)	• HU-HR • HU-AT • HU-RO • HU-SK	• Absence of CACM-compliant CCM (cNTC or FB) • Consideration of cross-zonal trade over non-EU borders • Absence of CACM-compliant redispatching & countertrading (+ cost sharing) methodologies • Absence of regional impact	None	Approved by MEKH. Date of decision: 11/12/2019	1 year	No	NA	Yes, 6 weeks after end of quarter	No	No	No	NA
IT	Terna	North Italy	All Italy North borders	• Uncertainties on external flows from outside the coordination area and from 3rd countries • Not enough experience in granting operational security with high cross border capacity and potential high request for remedial actions • Development of new processes and tools both at TSO and RSC levels	None	Approved by ARERA. Date of decision: 19/12/2019	1 year	No	NA	Yes, quarterly	No	No	Yes	NA
		IT internal borders	• NORD-CNORD • CNORD - CSUD • CSUD - SUD • SUD - ROSN • ROSN-SICI • CNORD - SARD • SARD - CSUD	• Alignment with new Bidding-Zone Review (BZR) configuration entering into force in 2021 • Implementation of proper CCM foreseen in 2020	None	Partially approved by ARERA for current constraints only. Date of decision: 28/01/2020	1 year	No	NA	Yes, periodically	No	Yes, updated CCM foreseen in the course of 2020	No	NA

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				Procedural aspects of derogation				Content of derogation request						
Country	**TSOs**	**Relevant CCA**	**Respective bidding zone borders or CNECs**	**Reasons for derogation**	**Formal disagreement to the derogation request**	**NRA approval**	**Duration of derogation**	**Included minimum level of MACZT**	**Minimum level specified**	**Monitoring requirement (including frequency)**	**Includes a timeline for the adoption of the methodology**	**Includes a timeline for the projects**	**Alignment and harmonisation in Capacity Calculation Region (CCR)**	**Derogation request includes explanation why TSO cannot publish methodology**
NL	TenneT NL	CWE	TenneT's CNECs in CWE	• Loop flows • Lack of redispatching potential in case of planned outage for grid reinforcement • Development of new processes and tools	None	Approved by ACM. Date of decision: 19/12/2019	1 year	Methodology	• MACZTmin = MACZTtarget - max(0; LFcalculated - LFacceptable) • LFacceptable is 30%-FRM for cross-border CNECs and 50% of (30%-FRM) for internal CNECs, only CWE exchanges considered • Minimum 20% of Fmax in CWE • MACZTtarget is 70% or action plan levels per CNEC	Yes, monthly	Yes, 01/04/2020	Yes, for development of new processes and tools: 01/04/2020 and a report detailing methodologies and projects: 01/07/2020	Partially in CWE	NA
PL	PSE	PL-CZ_DE_SK (future Core)	• PL-DE • PL-CZ • PL-SK	• Development of new processes and tools • Loop flows • Uncertainties due to transit flows from cross-zonal trade outside of PL	None	Approved by URE. Date of decision: 30/12/2019	• Development of new processes and tools - 6 months (01/01/20 - 30/06/20) • Loop flows & uncertainties due to transit flows from cross-zonal trade outside of PL - 1 year	Methodology	• MACZTmin is 70% or action plan levels per CNEC • LFacceptable is (100%-MACZTmin)*Fmax -FRM for cross-border CNECs and 10% of (100%-MACZTmin)*Fmax -FRM for internal CNECs • MNCC is equal to $MNCC_{CGM}$ + $MNCC_{margin}$, where $MNCC_{margin}$ is accounting for uncertainties	No	NA	Yes, for development of new processes and tools: 30/06/2020	No	No
		PL-SE4 (PL side) (future Hansa)	PL-SE4	Development of new processes and tools	None	Approved by URE. Date of decision: 30/12/2019	6 months (01/01/2020-30/06/2020)	No	NA	No	NA	Yes, for development of new processes and tools: 30/06/2020	No	NA
PT	REN	ES-PT (PT side) until 28/01/2020, SWE from 29/01/2020 onwards	PT-ES	• Development of new tools for assess in a coordinated manner and validate the potential available remedial actions (considering the already existing grid and generation assets) • Implementation of SWE CCM (go-live January 2020) • Development and implementation of monitoring tools to better calculate margin	None	Approved by ERSE. Date of decision: 19/12/2019	1 year	No	NA	No	No	Yes, for development of SWE D-2 CCM: January 2020	Yes	NA
RO	Transelectrica	RO borders (future Core)	RO-HU	• Absence of CACM-compliant CCM (cNTC or FB) • Consideration of cross-zonal trade over non-EU borders • Lack of operational experience and software tools for applying redispatch to increase cross-zonal capacity	None	Approved by ANRE. Date of decision: 20/12/2019	1 year	No	NA	No	No	No	No	No
		RO borders (future SEE)	RO-BG											

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				Procedural aspects of derogation				Content of derogation request						
Country	**TSOs**	**Relevant CCA**	**Respective bidding zone borders or CNECs**	**Reasons for derogation**	**Formal disagreement to the derogation request**	**NRA approval**	**Duration of derogation**	**Included minimum level of MACZT**	**Minimum level specified**	**Monitoring requirement (including frequency)**	**Includes a timeline for the adoption of the methodology**	**Includes a timeline for the projects**	**Alignment and harmonisation in Capacity Calculation Region (CCR)**	**Derogation request includes explanation why TSO cannot publish methodology**
SE	SvK	DK1-SE3 (SE side), DK2-SE4 (SE side), NO1-SE3 (SE side) (future Nordic)	• SE3-NO1 • SE3-DK1 • SE4-DK2	• Structural congestion at the West Coast Corridor • Currently using the NTC capacity calculation approach, which does not efficiently and precisely define the limiting network elements as only a FB representation of the network can achieve. Data that can be utilised for defining the starting point of a linear tractor in a future action plan, to reach CEP 70% requirement, is not in hand yet • Lack of downregulation volumes makes SvK unable to meet the CEP 70% requirement from 2020 without endangering operational security in a N-1 situation.	None	Approved by Ei. Date of decision: 19/12/2019	1 year	No	NA	Yes, no later than five days after the interconnection capacity for a single hour has been less than 70% on any of the interconnections	No	No	No	NA
		DE-SE4 (SE side), PL-SE4 (SE side) (future Hansa)	• SE4-DE • SE4 -PL											
		LT-SE4 (SE side) (future Baltic)	SE4-LT											
SK	SEPS	CZ-SK (SK side), HU-SK (SK side), PL-SK (SK side) (future Core)	Not defined	Absence of CACM-compliant CCM (cNTC or FB)	None	Approved by URSO. Date of decision: 20/12/2019	1 year	No	NA	No	No	No	No	NA

Derogation requests for 2021: Overview and main characteristics

				Procedural aspects of derogation				Content of derogation request						
Country	**TSOs**	**Relevant CCA**	**Respective bidding zone borders or CNECs**	**Reasons for derogation**	**Formal disagreement to the derogation request**	**NRA approval**	**Duration of derogation**	**Included minimum level of MACZT**	**Minimum level specified**	**Monitoring requirement (including frequency)**	**Includes a timeline for the adoption of the methodology**	**Includes a timeline for the projects**	**Alignment and harmonisation in CCR**	**Derogation request includes explanation why TSO cannot publish methodology**
AT	APG	CWE, AT-CZ_HU_SI (AT side)	• APG's CNECs in CWE • APG's NTC bidding zone borders in Core: AT-CZ, AT-HU, AT-SI	• Ongoing work on IT concepts and implementation • Secondly systematic issues (e.g. loop flows and PST flows, margin for uncoordinated transits and absence of 3rd country flows in the CCM)	None		1 year (2021)	Methodology	• MACZTmin = MACZTtarget - max(0; LFcalculated - LFacceptable) • LFacceptable is 30%-FRM for cross-border CNECs and 30% of (30%-FRM) for internal CNECs, all exchanges considered • Minimum 20% of Fmax in CWE • MNCC is equal to $MNCC_{CGM} + MNCC_{margin}$, where $MNCC_{margin}$ is accounting for uncertainties	Yes, report deviations, no frequency	Yes, Q2 2021	Yes, Q2 2021 for IT tools	Partially with BE & PL	NA
		North Italy, AT-CZ_HU_SI (AT side)	APG's CNECs in Italy North	• Not finished development and testing of the necessary IT-Tools for the calculation of the MACZTmin criterion (defined in the action plan) in the capacity calculation area • Not finished development and testing of the necessary IT-Tools for the validation of the calculated capacities under consideration of the MACZTmin criterion (defined in the action plan)			6 months (01/01/2021 - 30/06/2021)	Yes	Minimum level is specified as the same level (on average per direction) as in the last 3 years.	No	No	Yes, end of Q2 2021	Yes	NA
BE	Elia	CWE	Elia's CNECs in CWE	Loop flows	None		1 year (2021)	Methodology	• MACZTmin = 70% - max(0; LFcalculated - LFacceptable) • LFacceptable is 30%-FRM for cross-border CNECs and 50% of (30%-FRM) for internal CNECs, all exchanges considered • Minimum 20% of Fmax in CWE	Daily, reporting deviations on loopflow derogation every trimester	NA	Yes, 01/07/2021 Report detailing methodologies and projects	Partially with NL	NA
CZ	CEPS	CZ borders (future Core)	Not defined	• Reliability margins to cover uncertainties and inaccuracies, loop flows and internal flows exceed 30% of the transmission capacity; • Inexistent regional coordinated calculation and transmission capacity allocation; • Inexistent operational agreements with the neighbouring transmission system operators; • Transmission capacity calculation cannot be additionally improved for further transmission capacity increases.	None		1 year (2021)	Yes	• In export direction – at least 60% of the transmission capacity during no less than 90% of business hours; • In import direction – at least 40% of the transmission capacity during no less than 90% of business hours.	No	No	No	No	No

Derogation requests for 2021: Overview and main characteristics

				Procedural aspects of derogation				Content of derogation request						
Country	**TSOs**	**Relevant CCA**	**Respective bidding zone borders or CNECs**	**Reasons for derogation**	**Formal disagreement to the derogation request**	**NRA approval**	**Duration of derogation**	**Included minimum level of MACZT**	**Minimum level specified**	**Monitoring requirement (including frequency)**	**Includes a timeline for the adoption of the methodology**	**Includes a timeline for the projects**	**Alignment and harmonisation in CCR**	**Derogation request includes explanation why TSO cannot publish methodology**
ES	REE	SWE	• ES-FR • ES-PT	The temporary lack of a remedial action validation tool			1 year (2021)	Yes	Yes, 70% capacity for 70% of the relevant hours	Yes, regularly	No	No	Yes	No
FR	RTE	SWE	FR-ES	The temporary lack of a remedial action validation tool			1 year (2021)	Yes	Yes, 70% capacity for 80% of the relevant hours. No specific information on the scope of the 'relevant' hours is included.	Yes, monthly	No	No	Yes	No
HR	HOPS	HR-HU (HR side), HR-SI (HR side) (future Core)	• HU-HR • HR-SI	• Time necessary to build the required tools to adequately take into account power flows within and outside the Core CCR; • Limited redispatching activation potential; • Long-term planned network element disconnections.	None	Approved by HERA. Date of decision: 24/11/2020	1 year (2021)	Yes	20% of Fmax	Yes, no frequency specified	Yes, 30/04/2021	Yes, 30/04/2021	No	No
HU	MAVIR	HU-RO (HU side), HU-SK (HU side), AT-HU (HU side), HR-HU (HU side) (future Core)	• HU-HR • HU-AT • HU-RO • HU-SK • HU-SI (from end 2021)	• Absence of CACM-compliant CCM (cNTC or FB) • Consideration of cross-zonal trade over non-EU borders • Absence of CACM-compliant redispatching & countertrading (+ cost sharing) methodologies • Absence of regional impact • Operational security problems coming from uncertainties and assumptions in the coordinated (mostly bilateral) CC	None		1 year (2021)	Yes	75% of hours, including 3rd country flows: • SK-HU border/import direction: 10% • AT-HU border/import direction: 25% • HR-HU border/import direction: 10%	No	No	No	No	No
IT	Terna	North Italy	All Italy North borders	• Ongoing work on IT concepts to compute margins and adjust the minimum capacity accordingly • The presence of allocation constraints related to voltage and stability constraints for the Italian system			1 year (2021)	No	NA	Yes, daily (on a centralized web-platform) and quarterly (directly)	No	Yes, for development of new processes and tools: March 2021 Dedicated study for allocation constraints: June 2021		NA

Derogation requests for 2021: Overview and main characteristics

				Procedural aspects of derogation				Content of derogation request						
Country	TSOs	Relevant CCA	Respective bidding zone borders or CNECs	Reasons for derogation	Formal disagreement to the derogation request	NRA approval	Duration of derogation	Included minimum level of MACZT	Minimum level specified	Monitoring requirement (including frequency)	Includes a timeline for the adoption of the methodology	Includes a timeline for the projects	Alignment and harmonisation in CCR	Derogation request includes explanation why TSO cannot publish methodology
NL	TenneT NL	CWE	TenneT's CNECs in CWE	• Loop flows • Lack of redispatching potential in case of (i) unplanned outages and (ii) planned outages for grid reinforcement	None	Approved by ACM. Date of decision: 16/11/2020	1 year (2021)	Methodology	• MACZTmin = MACZTtarget - max(0; LFcalculated - LFacceptable) • LFacceptable is 30%-FRM for cross-border CNECs and 50% of (30%-FRM) for internal CNECs, only CWE exchanges considered • Minimum 20% of Fmax in CWE • MACZTtarget are action plan levels per CNEC	Daily, reporting deviations on loop flows derogation, monthly	NA	Yes, 01/07/2021 Report detailing methodologies and projects	Partially with BE	NA
		GB-NL (NL side) (future Channel)	NL-GB	Lack of redispatching potential in case of (i) unplanned outages and (ii) planned outages for grid reinforcement	None	Approved by ACM. Date of decision: 16/11/2020	1 year (2021)	No	No	Yes, monthly in case of reduction	No	No	No	NA
		DK1-NL (NL side) (future Hansa)	NL-DK1	Lack of redispatching potential in case of (i) unplanned outages and (ii) planned outages for grid reinforcement	None	Approved by ACM. Date of decision: 16/11/2020	1 year (2021)	No	No	Yes, monthly in case of reduction	No	No	No	NA
PL	PSE	PL-CZ_DE_SK (future Core)	• PL-DE • PL-CZ • PL-SK	• Loop flows • Uncertainties of the non-coordinated transit flows	None		1 year (2021)	Methodology	• MACZTmin is 70% or Action Plan levels per CNEC • LFacceptable is (100%-MACZTmin)*Fmax -FRM for cross-border CNECs and 10% of (100%-MACZTmin)*Fmax -FRM for internal CNECs • MNCC is equal to MNC_{CCGM} + $MNCC_{margin}$, where $MNCC_{margin}$ is accounting for uncertainties	No	NA	No	Partially with AT	NA
PT	REN	SWE	ES-PT	The temporary lack of a remedial action validation tool			1 year (2021)	Yes	Yes, 70% capacity for 70% of the relevant hours. No specific information on the scope of the 'relevant' hours is included.	Yes, regularly	No	No	Yes	No

Derogation requests for 2021: Overview and main characteristics

				Procedural aspects of derogation				Content of derogation request						
Country	**TSOs**	**Relevant CCA**	**Respective bidding zone borders or CNECs**	**Reasons for derogation**	**Formal disagreement to the derogation request**	**NRA approval**	**Duration of derogation**	**Included minimum level of MACZT**	**Minimum level specified**	**Monitoring requirement (including frequency)**	**Includes a timeline for the adoption of the methodology**	**Includes a timeline for the projects**	**Alignment and harmonisation in CCR**	**Derogation request includes explanation why TSO cannot publish methodology**
SE	SvK	DK1-SE3 (SE side), DK2-SE4 (SE side), NO1-SE3 (SE side) (future Nordic)	• SE3-NO1 • SE3-DK1 • SE4-DK2	• Operational security • Congestion in the West Coast Corridor, inside bidding zone SE3, in combination with the lack of downregulation volumes makes SvK unable to meet the CEP 70% requirement in 2021 without endangering operational security in a N-1 situation.	None	Approved by Ei. Date of decision: 01/07/2020	1 year (2021)	No	NA	Yes, no frequency specified	No	Yes, Q4 2021 - Q1 2022 for Nordic FB	No	NA
		DE-SE4 (SE side), PL-SE4 (SE side) (future Hansa)	• SE4-DE • SE4 -PL		None	Approved by Ei. Date of decision: 01/07/2020	1 year (2021)	No	NA	Yes, no frequency specified	No	Yes, between 2021 and 2023	No	NA
		LT-SE4 (SE side) (future Baltic)	SE4-LT											
SK	SEPS	CZ-SK (SK side), HU-SK (SK side), PL-SK (SK side) (future Core)	• SK-CZ • SK-PL • SK-HU • SK-UA (3rd country)	Operational security of the connected systems	None		1 year (2021)	Yes	• 30 % for CZ-SK import • 30 % for SK-CZ export • 30 % for PL-SK import • 30 % for SK-PL export • 30 % for HU-SK import • 30 % for SK-HU export of transmission capacities no less than in 80 % of hours	No	No	No	No	No