


ACER

 Agency for the Cooperation
of Energy Regulators



Network Codes implementation status

MESC, Brussels, 2 July 2019

Implementation of Capacity Allocation and Congestion Management GL: Electricity (1)

EU-wide Terms and Conditions or Methodologies	Status	Actions	Problems
NEMO designation	Completed by 28.01.2016 Total delay: 45 days	<ul style="list-style-type: none"> Nasdaq as a new NEMO for DA (designated in Sweden and plans designation in France) 	Three MSs breached the legal deadline
Determination of Capacity Calculation Regions	Completed By 17.11.2016 Total delay: 3 days	<ul style="list-style-type: none"> No agreement on the first proposal by NRAs Adopted by ACER One amendment approved by NRAs Second amendment adopted by ACER 	No NRA agreement on the first proposal. ACER adopted a decision on 17.11.2016 (BoA decision of 17.3.2017, under appeal before the General Court; see below)
MCO plan	Completed By 07.07.2017 Total delay: 23 days	<ul style="list-style-type: none"> Two requests for amendment by NRAs Third proposal approved by NRAs 	Second request for amendment not foreseen in CACM Regulation
Common Grid Model methodology	Completed By 06.07.2017 Total delay: 83 days	<ul style="list-style-type: none"> One request for amendment by NRAs Second proposal approved by NRAs Plan to merge CGM in CACM+FCA+SOGL 	Delayed implementation
Generation and Load Data Provision methodology	Completed By 06.07.2017 Total delay: 204 days	<ul style="list-style-type: none"> First proposal approved by NRAs Plan to merge GLDP in CACM+FCA 	One NRA caused the whole 204 days delay
Congestion Income Distribution methodology	Completed By 14.12.2017 Total delay: 0 days	<ul style="list-style-type: none"> One request for amendment by NRAs No agreement on the second proposal by NRAs, Adopted by ACER 	
Single DA firmness deadline	Completed By 15.07.2017 Total delay: 31 days	<ul style="list-style-type: none"> First proposal approved by NRAs 	

Implementation of Capacity Allocation and Congestion Management GL: Electricity (2)

EU-wide Terms and Conditions or Methodologies	Status	Actions	Problems
ID cross-zonal gate opening and closure times	Completed By 24.04.2018 Total delay: 10 days	<ul style="list-style-type: none"> • One request for amendment by NRAs • No agreement on the second proposal by NRAs • Adopted by ACER 	
Products for single DA and ID coupling	Completed By 11.03.2019 Total delay: 435 days	<ul style="list-style-type: none"> • One request for amendment by NRAs • Second proposal approved by NRAs 	Seemingly approved by March 2018, but one NRA approved it in March 2019 and never sent RfA
Back-up methodology	Completed By 11.03.2019 Total delay: 435 days	<ul style="list-style-type: none"> • One request for amendment by NRAs • Second proposal approved by NRAs 	Seemingly approved by March 2018, but one NRA approved it in March 2019 and never sent RfA
Single DA and ID coupling algorithm	Completed By 26.07.2018 Total delay: 42 days	<ul style="list-style-type: none"> • One request for amendment by NRAs • No agreement on the second proposal by NRAs • Adopted by ACER • Will reopen in August 2019 to include ID auctions, Change Control & Monitoring methodologies 	<i>Very poor proposal, significant redrafting needed</i>
Maximum and minimum clearing prices for DA and ID coupling	Completed By 14.11.2017 Total delay: 0 days	<ul style="list-style-type: none"> • No agreement on the first proposal by NRAs • Adopted by ACER 	
Scheduled exchange methodology	Completed By 22.03.2019 Total delay: 521 days	<ul style="list-style-type: none"> • First proposal submitted only by few TSOs • NRAs rejected the first proposal and requested that all TSOs submit the methodology • Subsequently all TSOs submitted a new proposal – NRAs decision by 14 Sep. 2018 • Approved by NRAs in two steps (DA & ID) 	<i>CACM Regulation is not clear on which TSOs have the obligation</i>
Methodology for pricing intraday cross-zonal capacity	Completed By 24.01.2019	<ul style="list-style-type: none"> • No agreement on the first proposal by NRAs • Adopted by ACER 	<i>Divergent views on implementation of auctions, not clear who is responsible for running the auctions</i>

Implementation of Capacity Allocation and Congestion Management GL: Electricity (3)

Regional-wide Terms and Conditions or Methodologies	Status	Actions	Problems
Complementary regional ID auctions (CRIDA) (any group of TSOs and NEMOs)	On-going: IT North Completed ES-PT by 13.04.2018 GRIT by 19.04.2019 Delay: 240 days	<ul style="list-style-type: none"> Proposals for ES-PT border and Italy North and GRIT CCR One late approval for the ES-PT 3 requests for amendment for Italy North and GRIT, plus requests for 6 months extensions granted by ACER. GRIT and ES-PT approved by NRAs 	<i>Negative impact on single intraday coupling, 3 requests for amendment in Italy</i>
Fall-back procedures (All TSOs from each CCR)	Completed By 27.09.2018 Delay: 350 days	<ul style="list-style-type: none"> Amendments requested in all CCRs but HANSA, GRIT, IU, CHANNEL Approved in all CCRs but CORE (no agreement) and SEE (amendments but not agreement) Adopted by ACER 	<i>CORE fall-back procedure is a collection of 4 existing procedures for different borders</i>
Capacity calculation methodology (All TSOs from each CCR)	On-going: IT North Completed: 9 CCRs By 11.04.2019 Max delay: 270 days	<ul style="list-style-type: none"> All methodologies went through an amendment process All CCRs approved by NRAs (except for CORE); SWE, Channel and SEE requested 2nd amendment HANSA and BALTIC requested ACER for extending the deadline CORE adopted by ACER 	<i>Generally poor initial proposals</i>
Coordination of redispatching and countertrading (All TSOs from each CCR)	On-going: 5 CCRs Completed: 5 CCRs By 21.02.2019 Max delay: 33 days	<ul style="list-style-type: none"> All CCRs submitted proposals and requested amendment (CORE proposed a year late, no action yet from NRAs) 5 CCRs approved by NRAs; SEE pending ACER decision 11.08.2019; 4 CCRs ongoing amendment procedure 	<i>Alignment with SOGL 75/76 in Q4 2019</i>
Redispatching and countertrading cost sharing (All TSOs from each CCR)	On-going: 5 CCRs Completed: 5 CCRs By 22.02.2019 Max delay: 33 days	<ul style="list-style-type: none"> All CCRs submitted proposals and 7 requested amendment (CORE proposed a year late, no action yet from NRAs; Baltic & GRIT approved without amendments) 5 CCRs approved by NRAs; IT North failed to submit amended proposal; 4 CCRs ongoing amendment procedure IU & SWE requested 2nd amendment 	<i>Unanimous decision making Way forward to be defined in IT North Alignment with SOGL 75/76 in Q4 2019</i>

Implementation of Forward Capacity Allocation: Electricity (1)

EU-wide Terms and Conditions or Methodologies	Status	Actions	Problems
Harmonised Allocation Rules	Completed by 02.10.2017 Total delay: 0 days	<ul style="list-style-type: none"> No agreement on the first proposal by NRAs Adopted by ACER New proposal for amendment is currently open for TSO consultation The new set of rules to be adopted by the Agency directly (expected in late July 2019) 	6 late submissions by TSOs
Requirements for the Single Allocation platform	Completed by 14.12.2017 Total delay: 54 days	<ul style="list-style-type: none"> First proposal approved by NRAs 	4 late submissions by TSOs
Cost of establishing, developing and operating the single allocation platform	Completed by 14.12.2017 Total delay: 54 days	<ul style="list-style-type: none"> First proposal approved by NRAs 	4 late submissions by TSOs
Generation and Load Data Provision	Completed by 16.03.2018 Total delay: 0 days	<ul style="list-style-type: none"> First proposal approved by NRAs 	11 days to late approval by last NRA
Common Grid Model	Completed by 28.07.2018 Total delay: 0 days	<ul style="list-style-type: none"> One request for amendment by NRAs Second proposal approved by NRAs 	Implementation delayed
Congestion Income Distribution	Completed by 07.06.2019	<ul style="list-style-type: none"> One request for amendment by NRAs Second proposal approved by NRAs 	Waiting for additional NRA approval notifications
Methodology for sharing costs incurred to ensure firmness and remuneration of LTTRs	Not started yet Deadline: 03.12.2019	<ul style="list-style-type: none"> Waiting for first proposals 	

Implementation of Forward Capacity Allocation: Electricity (2)

Regional Terms and Conditions or Methodologies	Status	Actions	Problems
Regional requirements/annex to the harmonised allocation rules	On-going/completed Latest deadline by 16.09.2019	<ul style="list-style-type: none"> • 9 CCRs approved annexes • CCR SEE referred the case to ACER • ACER adopted a decision for SEE CCR • 7 approved annexes amended (6 approved, SEE open) 	<i>Significant deviations from harmonised allocation rules and FCA Regulation</i>
Decision on the hedging instruments	Completed by 17.11.2017	<ul style="list-style-type: none"> • LTTR on all borders except, CCRs NORDIC, BALTIC (LV-EE, PL-LT), HANSA (PL-SE4) and GRIT (except IT-GR) 	<i>No harmonised assessment on the needs for LTTRs</i>
Regional design of long-term transmission rights	On-going/completed Latest deadline by 23.10.2019	<ul style="list-style-type: none"> • Proposals in CCR CHANNEL, IU, SWE, SEE, ITALY NORTH and GRIT • First proposal approved in CORE, IU, SWE, ITALY NORTH and GRIT, • First proposal amended in CHANNEL and SEE • Second proposal approved by CHANNEL, SEE and Core • Third proposal up for Core NRA's approval 	
Capacity calculation methodology	On-going First deadline: 16.07.2019	<ul style="list-style-type: none"> • Ongoing approval process for proposals from GRIT, UI • Nordic CCM referred to ACER • TSOs failed to submit Channel CCM 	
Methodology for splitting long-term cross-zonal capacity	On-going First deadline: 16.07.2019	<ul style="list-style-type: none"> • Ongoing approval process for proposals from Nordic (only for DK1-DK2), GRIT (only for IT-GR), UI • Channel TSOs failed to submit (linked to CCM submission) 	
Nomination rules for electricity exchange schedules between BZs	Completed	<ul style="list-style-type: none"> • 26 Bidding Zone Border decisions 	

Implementation of System Operation GL (1)

EU-wide/Regional Terms and Conditions or Methodologies	Status	Actions	Problems
Key organisational requirements, roles and responsibilities in relation to data exchange	Completed by 23.1.2019	<ul style="list-style-type: none"> • 6.4.2018 last TSO 1st proposal (3 weeks delay) • 4.9.2018 last NRA sent RfA • 20.11.2018 last TSO 2nd proposal • 23.1.2019 last NRA approval 	<i>Minor delays</i>
Common Grid Model	Completed by 12.07.2018	<ul style="list-style-type: none"> • 6.4.2018 last TSO 1st proposal (3 weeks delay) • 18.10.2018 latest NRA approval (2 weeks delay) 	<i>Minor delays</i>
Methodologies for coordinating operational security analysis and assessing the relevance of assets for outage coordination	On-going Next deadline (ACER): 21.06.2019	<ul style="list-style-type: none"> • TSOs submitted the proposals within deadline • NRAs referred to ACER both methodologies on 21.12.2018 • ACER adopted 2 decisions on 21.06.2019 	
Assumptions and methodology for a cost-benefit analysis (CE and Nordic SAs)	On-going Next deadline (NRAs): 20.4.2019	<ul style="list-style-type: none"> • 4.4.2018 last TSO 1st proposal (1 month delay) • 30.7.2018 last NRA sent RfA • 20.2.2019 last TSO 2nd proposal (2 months delay) 	<i>Late submissions by TSOs</i>
Common proposal regarding the determination of the LFC blocks (per SA)	Completed by 31.10.2018	<ul style="list-style-type: none"> • Nordic SA: 7.5.2018 last TSO proposal, 7.9.2018 last NRA approval • CE SA: 28.2.2018 last TSO 1st proposal, 15.5.2018 last NRA RfA, 9.8.2018 last TSO 2nd proposal • 31.10.2018 last NRA approval • GB SA: 17.1.2018 last TSO 1st proposal, 11.7.2018 2nd TSOs proposal, NRA approval missing info • IE/Ni SA: 12.1.2018 last TSOs 1st proposal, 27.6.2018 last NRAs RfA, last TSOs 2nd proposal, 20.11.2018 last NRA approval 	<p>Nordic SA: 4.5 months delay by TSOs</p> <p>CE SA: minor delays</p> <p>GB SA: NRA approval?</p> <p>IE/Ni SA: 1 month delay by NRAs</p>
Methodologies and conditions included in the synchronous area operational agreements (per SA)	On-going Next deadline (NRAs): TSO+6m	<ul style="list-style-type: none"> • Nordic SA: 14.9.2018 last TSO proposal • CE SA: 2.10.2018 last TSO proposal • GB SA: 14.3.2019 • IE/Ni SA: 27.6.2018 last NRA sent RfA 	

Implementation of Balancing GL: Electricity (1)

EU-wide Terms and Conditions or Methodologies	Status	Actions	Problems
Implementation framework for European platform for IN	On-going Deadline: 19.05.2019 (19.07.2019 if extended)	<ul style="list-style-type: none"> One request for amendment by NRAs Request for 2 months extension to be decided by ACER. 	<i>Request for advice from LEN regarding the entities operating the platforms</i>
Implementation framework for European platform for aFRR	On-going Deadline: 11.08.2019	<ul style="list-style-type: none"> Assessment of first proposal 	<i>Approx. 2 months delay in TSO submission</i>
Implementation framework for European platform for mFRR	On-going Deadline: 11.08.2019	<ul style="list-style-type: none"> Assessment of first proposal 	<i>Approx. 2 months delay in TSO submission</i>
Classification methodology for the activation purposes of balancing energy bids	On-going Deadline: 11.08.2019	<ul style="list-style-type: none"> Assessment of first proposal 	<i>Approx. 2 months delay in TSO submission</i>
Methodology for balancing energy prices from bid activation for FRR and RR, and price for cross-zonal capacity for balancing energy exchanges and IN	On-going Deadline: 11.08.2019	<ul style="list-style-type: none"> Assessment of first proposal 	<i>Approx. 2 months delay in TSO submission</i>
Harmonisation of main features of imbalance settlement	On-going Deadline: 11.08.2019	<ul style="list-style-type: none"> Assessment of first proposal 	<i>Approx. 2 months delay in TSO submission</i>
TSO-TSO settlement rules for all intended exchanges of energy (RR, mFRR, aFRR, IN)	On-going Deadline: 11.08.2019	<ul style="list-style-type: none"> Assessment of first proposal 	<i>Approx. 2 months delay in TSO submission</i>

Implementation of Balancing GL: Electricity (2)

EU-wide Terms and Conditions or Methodologies	Status	Actions	Problems
Standard capacity products for FRR and RR	Not started yet Deadline: 18.12.2019	<ul style="list-style-type: none"> • Waiting for first proposals 	
Co-optimised allocation process for CZC for exchange of balancing capacity or sharing of reserves	Not started yet Deadline: 18.12.2019	<ul style="list-style-type: none"> • Waiting for first proposals 	
Harmonisation of the allocation process of CZC for exchange of balancing capacity or sharing of reserves	Not started yet Deadline: 18.12.2022	<ul style="list-style-type: none"> • Waiting for first proposals 	
Regional Terms and Conditions or Methodologies	Status	Actions	Problems
Implementation framework for European platform for RR	Completed by 15 January 2019	<ul style="list-style-type: none"> • First proposal approved by TERRE NRAs 	
Common rules for exchange and procurement of balancing capacity	Completed for FCR Cooperation by 31 December 2018 On-going for Nordics Deadline: 15.10.2019	<ul style="list-style-type: none"> • One request for amendment by FCR Cooperation NRAs • Second proposal approved by FCR Cooperation NRAs • Assessment of first proposal for Nordic NRAs 	
Exemption from the obligation to allow BSPs to transfer their balancing capacity obligations	Completed for FCR Cooperation by 31 December 2018 On-going for Nordics Deadline: 15.10.2019	<ul style="list-style-type: none"> • One request for amendment by FCR Cooperation NRAs • Second proposal approved by FCR Cooperation NRAs • Assessment of first proposal for Nordic NRAs 	
Market-based cross-zonal capacity allocation for the exchange of balancing capacity or sharing of reserves	On going Deadline: 15.10.2019	<ul style="list-style-type: none"> • Assessment of first proposal by Nordic NRAs 	

Implementation of Balancing GL: Electricity (3)

Regional Terms and Conditions or Methodologies	Status	Actions	Problems
TSO-TSO settlement rules for all intended exchanges of energy on FCR exchange & ramping within each SA	Not started yet Deadline: 18.06.2019	<ul style="list-style-type: none"> • Waiting for first proposals 	
TSO-TSO settlement rules for all intended exchanges of energy on FCR exchange & ramping between SAs	Not started yet Deadline: 18.06.2019	<ul style="list-style-type: none"> • Waiting for first proposal 	
TSO-TSO settlement rules for all unintended exchanges of energy within each SA	Not started yet Deadline: 18.06.2019	<ul style="list-style-type: none"> • Waiting for first proposals 	
TSO-TSO settlement rules for all unintended exchanges of energy between SAs	Not started yet Deadline: 18.06.2019	<ul style="list-style-type: none"> • Waiting for first proposal 	
CZC calculation within the balancing timeframe for the exchange of balancing energy or for IN	Not started yet Deadline: 18.12.2022	<ul style="list-style-type: none"> • Waiting for first proposal 	

In EB GL 'regional' can be used to indicate a proposal:

- (a) per CCR,
- (b) per synchronous area (SA), or
- (c) any other geographical area defined by a group of interacting TSOs, in accordance to the respective provisions.

In EB GL there are many provisions for conditional obligation in proposal submission with or without deadline; therefore, there maybe additional proposals depending on the TSOs' initiatives.

Number of decisions on “terms and conditions or methodologies” due for approval by NRAs

		2016	2017	2018	2019	2020	2021	2022	2023
CACM GL	All NRAs	1	8	7	0	0	0	0	0
	Regional NRAs	0	6	39	0	0	0	0	0
FCA GL	All NRAs	0	3	2	2	1	0	0	0
	Regional NRAs	0	15	8+26	18	6	0	0	0
SO GL	All NRAs	0	0	2	1	0	0	0	0
	Regional NRAs	0	0	4	25	0	0	0	0
EB GL	All NRAs	0	0	0	7	2	0	0	1
	Regional NRAs	0	0	2	16	0	0	0	10
Total by year		1	32	91	57	2	0	0	11
Grand Total		194							
Referred to the Agency		1	5	3	8	>20*	0	0	?

* These TCMs will be referred to the Agency in 2019 but the related Decisions will be issued in 2020

**Thank you for
your attention!**

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