



CGMM-v2 (Common Grid Model Methodology)

GLDPM-v2 (Generation and Load Data Provision Methodology)

PT CGM WP-1
Common Grid Model Programme
Webinar
(as part of public
consultation)

27 March 2017 – 13:00h-15:00h

Welcome

- Common Grid Model: prerequisite for a number of TSO processes such as capacity calculation and security analysis
- In parallel with the drafting of the CGM-related Methodologies by PT CGM WP-1, four additional work packages are implementing various elements of the Common Grid Model process:
 - CGMES data format (CGMES: Common Grid Model Exchange Standard)
 - Operational Planning Data Environment (the “information platform” referred to in the CGMM)
 - European Merging Function (merging individual grid models into the Common Grid Model)
 - CGMA (Common Grid Model Alignment – establishment of a set of balanced net positions as the starting point for the CGM process when schedules are not available)
- (IT) implementation needs to be consistent with the requirements set out in the Methodologies → all five work packages closely linked within the overall Common Grid Model Programme

Welcome

- Today's webinar: third stakeholder event in connection with the CGM-related methodologies:
 - 26 October 2015: Introductory workshop
 - 18 February 2016: Full-day workshop on the CGMM-v1 and GLDPM-v1 (both prepared under Regulation 2015/1222; i.e., the CACM Regulation)
- Focus today: revised methodologies pursuant to Regulation 2016/1719 (“FCA Guideline”); i.e., CGMM-v2 and GLDPM-v2

Agenda

13:00h – Welcome

- Dennis Stufkens, CGM Programme Director

13:05h – Progress update on CGM-related Methodologies; Agenda

- Benoît Jeanson, Convenor of PT CGM WP-1

13:15h – Principal changes in CGMM-v2

- Bruno Lemetayer, PT CGM WP-1

13:25h – Principal changes in GLDPM-v2

- Paweł Rodo, PT CGM WP-1

13:30h – Q&A

- Wim Ivens, ENTSO-E (Moderator)

Agenda (continued)

13:30h – Q&A

- Questions on CGMM-v2 and GLDPM-v2
 - Questions submitted prior to the meeting
 - Questions submitted during the presentation
- General questions on CGMM and GLDPM (incl. *-v1)
 - Questions submitted prior to the meeting
 - Questions submitted during the presentation

Max. 14:45h – Practicalities of commenting & next steps

- Knut Eggenberger, PT CGM WP-1

Max. 14:55h – Wrap-up

- Benoît Jeanson, Convenor of PT CGM WP-1

Practical information: raising questions during the webinar

- Large number of participants → default setting is “muted” for everyone
- If you want to raise a question please signal this to the organiser (“User ENTSO-E”) via the GoToWebinar chat function
- The organiser will then unmute you at a convenient time

Progress update: Methodologies

- CGMM-v1 (under CACM) / GLDPM-v1 (under CACM)
 - Many thanks for the stakeholder comments provided last year!
 - CGMM-v1: NRAs have requested three minor amendments
 - Delegation of implementation / administration of “information platform”: do not mention ENTSO-E
 - “Agreed measures” should primarily be covered in the separate methodologies pursuant to Articles 25 and 35 of Regulation 2015/1222
 - Remove deadlines in Article describing the CGM process
 - Amended CGMM-v1 (“CGMM-v1-plus”) approved by “All TSOs” and submitted to NRAs by 11 March 2017; NRA decision expected for 11 May 2017
 - GLDPM-v1 approved without changes on 11 January 2017 (reference date)
 - Implementation has begun (cf. publication at the end of October 2016; publication of GLDPM-related data on 10 March)
- CGMM-v2 (under FCA) / GLDPM-v2 (under FCA)
 - Current consultation – topic of today’s webinar
 - Target date for submission to NRAs: 11 July 2017

Principal changes in CGMM-v2

- Amendment of CGMM-v1 (under CACM) → “CGMM-v1-plus”
- Assumption in preparing CGMM-v2: Changes made will be acceptable for NRAs and CGMM-v1-plus will be approved
- Amended CGMM (CGMM-v1-plus) provided along with the consultation version (CGMM-v2) for reference
 - with “tracked changes”
 - with all changes accepted
- Consultation version of CGMM-v2 prepared as a “DELTA” version: changes relative to CGMM-v1-plus marked as “tracked changes”
- → CGMM-v2 combines requirements set out in both Regulation 2015/1222 (CACM) and Regulation 2016/1719 (FCA) in a single document

Principal changes in CGMM-v2

- Legal references updated (primarily in “Whereas”)
- Hashtags for clarifying links with GLDPM
- Revisions related to (M-1) and (Y-1) time-frames
 - NB: CGM not mandatory at pan-European level; CGM is required by those CCRs applying security analysis based on multiple scenarios pursuant to Article 10 of Reg. 2016/1719
 - Art. 19 of Reg. 2016/1719 requires the TSOs within each such CCR (if any) to develop a common set of scenarios – however, the CGM requires IGMs from all TSOs, not just those in the CCR
 - ➔ CGMM-v2 obliges all TSOs to define scenarios and describes default scenarios as a fallback solution; it obliges all TSOs to provide IGMs for the scenarios defined by all TSOs (or the default scenarios, respectively)
 - If a CGM is not required for long-term timeframes, no TSO is required to provide an IGM
 - If a (Y-1) CGM is required, each TSO needs to provide a (Y-1) IGM
 - If a (M-1) CGM is required, each TSO needs to provide a (M-1) IGM unless a (Y-1) IGM is available (which can be used as a substitute)

Principal changes in GLDPM-v2

- Like the CGMM-v2, GLDPM-v2 prepared as a “DELTA” version: changes relative to GLDPM-v1 marked as “tracked changes”
- → GLDPM-v2 combines requirements set out in both Regulation 2015/1222 (CACM) and Regulation 2016/1719 (FCA) in a single document
- Legal references updated (primarily in “Whereas”)
- Hashtags for clarifying links with CGMM
- However, the CGMM-v2 revisions related to (M-1) and (Y-1) time-frames do not require substantive changes to the GLDPM

Q&A

Questions on CGMM-v2 and GLDPM-v2 submitted beforehand

- (...)

Q&A

Any additional questions on CGMM-v2 and GLDPM-v2?

- (...)

Q&A

General questions on CGMM and GLDPM (incl. *-v1) submitted beforehand - CGMM

- How is it ensured that TSOs get no conflict of interest when they get on the one hand marginal costs of all generation and consumption units for building a complete merit order for Europe and dispatch reserve power plants on the other at the same time? How can market abuse in such cases be avoided?
- How should marginal costs be calculated in case of pump storage plants by the operator day ahead and 2 days ahead? Wouldn't it be better that TSOs calculate this price for themselves? The generation costs depend significantly from the exact time and market price for pumping the needed amount of water into the reservoir. This maybe month or minutes before usage and is only in seldom cases predictable 1 or 2 days ahead because of the usage in the balancing market. The same question is for other types of storage relevant, too.
- In case of renewable energies the single data Provision 1 and 2 days ahead is due to the volatile wind and sunshine probably insufficient without further short-term data updates. Why is this data sampled, knowing that the data quality in many cases is very bad?

Q&A

General questions on CGMM and GLDPM (incl. *-v1) submitted beforehand - GLDPM

- Line 25; Article 8(7): Article 8 introduces the term "aggeregator" for the first time. In 2016/1719 and 2015/1222 the term "third party" is used to describe a similar role. Consider replacing occurances of "aggregator" with "third party" if the terms both describe the same entity, or else define exactly what an aggregator is in Article 2.

Q&A

Any other general questions on the CGMM and GLDPM (incl. *-v1)?

- (...)

Practicalities of commenting & next steps

- Deadline for providing comments is THU 06 April 2017; 18:00h CEST
- As part of the processing of comments, commentators will be contacted with the aim of agreeing on how a comment should be taken into account
- All comments and TSOs' responses will be summarised in the "Response to Consultation Comments" – to be published in parallel with the CGMM-v2 and GLDPM-v2 to be submitted to NRAs by 11 July 2017
- Please use the web form for providing comments (cf. next slide)

Practicalities of commenting & next steps

Sample
comment
form for
public
consultation

Public consultation on the CGMM-v2 - comments form - Smartsheet.com - Google Chrome
Smartsheet.com, Inc. [US] | https://app.smartsheet.com/b/form?EQBCT=0ce862386966485a98650b1afd3227d1

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Public consultation on the CGMM-v2 - comments form

Dear Reviewer,

many thanks for taking part in the public consultation on the Common Grid Model Methodology pursuant to Article 18 of Regulation 2016/1719 ("CGMM-v2"). Please use this web form to submit your comments on the CGMM-v2. The deadline is Thursday, 06 April 2017, 18:00h CEST.

The first time you enter a comment, please fill in your name and affiliation as well. For all subsequent comments, it is sufficient to state your email address.

Many thanks!
The PT CGM WP-1 drafting team

P.S.: We are contactable at CGM.WP1@entsoe.eu but are asking all reviewers to submit their comments via the web form and not by email. Thank you for your understanding!

Line number
Please state the line number to the left or just above the passage that your comment refers to.

Article
Please state the Article number that your comment refers to:

Paragraph
Please state the paragraph number that your comment refers to:

Comment / Suggestion *
Please enter your comment in this field, describing in as specific a manner as possible how you would like the document to be modified:

Windows taskbar: 100% zoom, 12:43, 2017-02-27

Wrap-up

- One deliverable still outstanding: CGMM-v3 (required by the System Operation Guideline; expected to enter into force in the summer)
- Completion of CGMM-v3 will bring the work of the Methodologies drafting team to a close in around mid-2018:

CGM ROADMAP																			
2017												2018							
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
WP1	CGMM-v1-plus (amendment)			Review by NRAs		CGMM-v1-plus & GLDPM-v1 implementation by TSOs												WP1	
	GLDPM-v2 & CGMM-v2 (based on GL FCA)					Review of GLDPM-v2 & CGMM-v2 by NRAs						GLDPM-v2 & CGMM-v2 implementation by TSOs							
	CGMM-v3 (based on SO GL)												Review of CGMM-v3 by NRAs						

- There will be one additional stakeholder event as part of the public consultation on the CGMM-v3 (probably around September 2017): We will keep you posted!

Thank you for your attention



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