

Minutes Market Coupling Steering Committee Meeting

07/04/2022, conference call

Present SDAC and/or SIDC parties

50Hertz	CROPEX	EXAA	Nasdaq	RTE	Transnet BW
Admie	Eirgrid (TSO)	Fingrid	Nord Pool EMCO	SEPS	TTG
Amprion	Eirgrid (SEMO PX)	GME	OKTE	SONI (TSO)	TTN
APG	Elering	HEnEx	OMIE	SONI (SEMO PX)	
AST	ELES	HOPS	OPCOM	Statnett	
Baltic Cable	Elia	HUPX	OTE	Svk	
BSP	Energinet	IBEX	PSE	Terna	
ČEPS	EPEX Spot	Litgrid	REE	TGE	
Creos	ESO	MAVIR	REN	Transelectrica	

3rd parties

ARIGA	Artelys	BEA	E-Bridge	Ernst & Young	Indra
JAO					

Observers

ACER	Entso-e	Krafnät Åland	EMS		
MEMO	MEPSO	OST	SEEPEX	Swissgrid	

Attending by phone	Not present
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0. Meeting agenda

#	Topic	For	Presenter	File*
1	Welcome, practicalities		09:00-09:25	
1.1	TSO and NEMO cooperation (15 min)	Inf	ENTSO-E MC & NC Chairs	X
1.2	Confirm quorum	Inf	Secretary	■
1.3	Introductory statement by co-chairs	Inf	Co-chairs	X
1.4	Adoption of the agenda	Dec	Co-chairs	■
1.5	Matching of pre-aligned NEMO Vote and TSO Vote	Inf	Secretary	?
2	JOINT – General points		09:25-09:35	
2.1	Approval of minutes	Dec	Secretary	■
2.2	Review of action points	Inf	Secretary	■
3	JOINT – Important points to highlight & decisions requested		09:35-10:35	
3.1	Further improvements to joint governance (40 min) <i>ToR for “Market Coupling Consultative Group (MCCG)” (for decision)</i> <i>Equal footing of TSOs and NEMOs in MCO assets, optimization of MCSC governance (for information)</i>	Dec Inf	WG governance	■
3.2	Legal TF (15 min) <i>Approval of amendment 3 IDOA & amendment 2 DAOA</i> <i>Observer status for trading platforms</i>	Dec	L TF leaders	■
3.3	Communication TF (5 min) <i>Acquisition of gotowebrinar & MCSC logo</i>	Dec	Com TF leader	■
4	JOINT – Any other business		10:35-11:05	
4.1	CACM 2.0 process status update (5 min)	Inf	Entso-e & NC representative	X
4.2	Impact of Core FB on SIDC capacities (10 min) <i>Including how to coordinate the regional CCR and capacity allocation done by SDAC & SIDC</i>	Inf	TSO representative	■

4.3	ACER letter on compliance related to publication of operational procedures (10 min)	Dec	Co-chairs	■
4.4	Sharing non-public MCSC minutes with NRAs of PCG (5 min)	Dec	Co-chairs	■
5	SDAC – Important points to highlight & decisions requested	11:05-12:05		
5.1	SDAC OPSCOM (35 min) <i>Notable changes & events (incl. new operational timing), incidents, testing & training, feedback proposal of simplification of SDAC & regional procedures</i>	Dec	SDAC OPSCOM chair	■
5.2	Improvements of the governance of the change control process and development of MCO assets (15 min) <i>Approval SDAC Change Control Procedure</i>	Dec	Procedures SPOC	■
5.3	SDAC SF TF (10 min) <i>Workplan 2022</i>	Inf	SDAC SF TF leaders	■
Lunch break 12:05-13:00 CET				
	Confirm quorum	Inf	Secretary	■
5	SDAC – Important points to highlight & decisions requested	13:00-14:00		
5.4	SDAC MSD (40 min) <i>15 min MTU performance, Non-uniform pricing next steps, co-optimization study status, MSD tasks from JET-A Workplan</i>	Dec	SDAC MSD leaders	■
5.5	15 min MTU project (10 min) <i>Approval master test plan, sharing risk register with JET-A</i>	Dec	15 min MTU project manager	■
5.6	SDAC BMTF (5 min) <i>2022 CACM sharing keys and related updated DAOA annex</i>	Dec	SDAC BMTF leader	■
5.7	MCSC members questions to TF/project reports (5 min) <i>SDAC reports in back-up (regional projects, NEMO progress report)</i>	Inf	Co-chairs	■
6	SDAC – Any other business	14:00-14:10		
6.1	(Re)-appointment of TF leaders (5 min)	Inf	Co-chairs	■
6.2	ACER request on market simulations (5 min)	Inf	Co-chairs	■
7	SIDC – Important points to highlight & decisions requested	14:10-16:25		
7.1	Integrated Plan (10 minutes)	Inf	QARM Convener	■
7.2	OPSCOM Status Report (20 minutes)	Dec	OPSCOM Convener	■
7.3	QARM Status Report including IDA Topics (50 minutes) <i>Roadmap, CPM & next steps, Status, cost, process for assessment of the impact on LTSS, ASR025; CIP, Migration of DC Hausen to Roedheim, CACM 2021 Report, IDA TG</i>	Dec	QARM Convener	■
7.4	MSD Status Report including IDA Topics (30 minutes) <i>IDA implementation timeline update, PMB changes; MSD status report (XBID changes design, IDA CIP design, CPM)</i>	Dec	MSD Convener	■
7.5	BMSG Status Report (15 minutes) <i>CSK 2022 approval, cost approval of Euphemia simulations and extended maintenance and support services related to IDA</i>	Dec	BMSG Convener	■
7.6	MCSC members questions to reports (10 min) <i>NEMOs and TSOs Report</i>	Inf	Co-chairs	■
8	Closure meeting	16:25-16:35		
8.1	Next meetings	Inf	Co-chairs	■
9	Discussion without subcontractors	16:35-16:50		
9.1	IDA Testing Group Convener	Inf	All	X

List of decisions

#	Topic	Decision
1.4	Adoption of the agenda	The meeting agenda is approved.
2.1	Approval of minutes	The MCSC minutes from 02 and 03 February 2022 and from 28 February 2022 are approved.
3.1	Further improvements to joint governance	The MCSC approves the Terms of Reference of the Stakeholder Consultative Group, understanding that the reference to "MCSC PMO/secretary" will be replaced by "Communication TF".
		The MCSC gives mandate to the governance subgroup in order to develop a proposal in the next MCSC to improve the efficiency of the organisation focusing on removing the multilayer of the organization and to have a robust and stable roadmap

3.2	Legal TF	The MCSC approves the package comprising the DAOA second amendment and IDOA third amendment for implementation of the QMV and decides that the date of entry into force of the agreement amendments shall be set to 01/09/2022, provided all signatories have signed them by then. This date will be implemented in the drafts before launching the signature process.
		The MCSC validates the draft answer to be sent to ETPA and mandates the MCSC Secretariat to send it.
3.3	Communication TF	The MCSC approves to create a new MCSC logo.
4.3	ACER letter on compliance related to publication of operational procedures	<p>With regards to the re-publication of the SDAC operational procedures, MCSC requests SDAC OPSCOM to review the operational procedures (Annex 2 and Annex 3 of DAOA) under the condition to maintain a certain level of confidentiality (meaning that there will still be some parts blackened, due to confidentiality, operational safety, or business sensitivity). The activity shall be completed by 3 June at the latest.</p> <p>With regards to the re-publication of the SIDC operational procedures, MCSC requests</p> <ul style="list-style-type: none"> • The Legal TF to provide guidance on how to avoid/reduce blackening; • SIDC OPSCOM to review the operational procedures by 20 May at the latest. <p>MCSC requests</p> <ul style="list-style-type: none"> • The Legal TF conveners to review and adjust if required the currently published DAOA and IDOA version. • The Communication TF to draft a response to the ACER CACM TF confirming the approach and applicable deadlines. <p>The redacted operational procedures will be validated during June's MCSC and subsequently published.</p>
4.4	Sharing non-public MCSC minutes with NRAs of PCG	MCSC approves to share the approved non-public MCSC minutes with NRAs of PCG.
5.1	SDAC OPSCOM	<p>The MCSC gives SDAC OPSCOM the mandate to approve the below go-lives planned on the 20/04</p> <ul style="list-style-type: none"> • Core FB go-live • IBWT MNA • Change in decoupling deadlines <p>given that all the remaining steps don't create issue for it.</p> <p>Furthermore, the MCSC gives SDAC OPSCOM the mandate to approve the possible go-lives of PMB and Euphemia technological update planned in June.</p> <p>The mandate is given for the situation that no special circumstances arise in the SDAC tests; in case of controversy of the latter, an ad-hoc MCSC call will be scheduled to approve the go-live.</p> <p>The MCSC gives SDAC OPSCOM the mandate to approve the go-live for changing the Maximum clearing Price from 3.000€/MWh to 4.000€/MWh. The go-live is currently planned for 10/05.</p>
5.2	Improvement of the governance for the MCO assets	MCSC approves the updated Change Control Procedure for immediate entry into force. It is noted that the procedure will be subject to further work, fine-tuning and a continuous maintenance (envisaging further improved versions). The procedure will be also published on ENTSO-E' and NEMO Committee's websites, after the yellow parts were turned to black (using a secured software which does not allow for recovering the blackened information).
5.4	SDAC MSD	<p>MCSC mandates MSD to communicate with NRAs (in JET-A/ PCG) on the current algorithm performance struggles for the 15 min MTU implementation.</p> <p>MCSC confirms that the NUP concept will be presented to market participants (i.e., focusing on the concept, reasoning why this concept been investigated, the impact for the market participants and foreseen next steps).</p>
5.5	15 min MTU project	<p>The MCSC approves the Master Test Plan.</p> <p>The MCSC acknowledges that the updated risk register will be shared with NRAs/ACER within JET-A.</p>
5.6	SDAC BMTF	MCSC approves the updated Attachment 1, Annex 6, DAOA.
7.2	OPSCOM Status Report	<p>MCSC approves January and February AM & SIDC Stakeholder reports, i.e., reports are ready to be processed and published by COM SG on SIDC website.</p> <p>MCSC approves Public Report of Critical Incident on 31/01.</p>
7.3	QARM Status Report including IDA Topics	MCSC approves a commercial proposal for ASR025 - Support Services for XBID 4th Wave LIPs.
		<p>MCSC approves that the SIDC part of the CACM report 2021 shall have the same level of detail on the cost for R&D as for SDAC.</p> <p>MCSC approves the proposal for QARM's general mandate on CRs (for 3 possible situations: 1) 20/40; 2) reasonable limited price rule; 3) MCSC explicit approval).</p>
7.4	MSD Status Report including IDA Topics	MC SC approves the updated IDA implementation timeline.
7.5	BMSG Status Report	MCSC approves the CSK for 2022.
		MCSC approves that the cost of simulations for IDA HW requirement will be borne by SIDC.
		MCSC approves that the cost of Euphemia for the SIDC testing phase will be borne by SIDC.
9.1	IDA TG Convener	MCSC agrees to appoint the QARM convener as IDA Testing Group convener.

1. Welcome, practicalities

The chairs open the meeting by welcoming TSOs and NEMOs. The meeting agenda is approved, and the list of pre-aligned NEMO and TSO votes is established.

2. JOINT – General points

The minutes from the MCSC call held on 02-03/02/2022 were approved. The action point list was reviewed and the current status was shared with the MCSC. The open action points are addressed and status updated accordingly during the meeting.

3. JOINT – Important points to highlight & decisions requested

3.1) Further improvements to joint governance

As decided in the MCSC in February 2022, the subgroup on governance has worked on developing the Terms of Reference for the Stakeholder Consultative Group. They were approved by the MCSC.

3.2) Legal TF

- The Legal TF proceeded with the implementation of the QMV mechanism in IDOA & DAOA, based on the document describing the principles for QMV implementation as approved by the MCSC of 2-3/02/22.
- The MCSC agreed that the updated contracts are to be signed by Autumn 2022.

3.3) Communication TF

The MCSC Convener presented the proposal to create a new MCSC logo, which was approved by the MCSC.

4. JOINT – Any other business

4.1) CACM 2.0 process status update

A brief update on the status of CACM 2.0 and the foreseen next steps is provided.

4.2) Impact of Core FB on SIDC capacities

Core TSOs objective is to avoid a much as possible that ID ATC equal 0 considering operational security and to further develop Core TSOs tools to assess the impact and provide full transparency on this matter.

4.3) ACER letter on compliance related to publication of operational procedures

- ACER raised concerns regarding the published project procedures, which are currently widely blackened out.
- The projects are committed to a detailed review with the aim to blacken the procedure as little as possible; however due to the upcoming go-lives and the extend of the review needed, the update is expected to be provided in summer 2022.

4.4) Sharing non-public MCSC minutes with NRAs of PCG

- During the last PCG on 24 March, ACER asked if the non-public version of the MCSC minutes can be shared with the PCG. ACER and EC representatives are part of the MCSC distribution list and receive already the draft minutes after each MCSC.
- It was agreed to share only the approved, final non-public MCSC minutes with NRAs of PCG.

5. SDAC – Important points to highlight & decisions requested

5.1) SDAC OPSCOM

- Since the last MCSC meeting several requests for change went live: increase in block numbers in Nord Pool EMCO Nordic and in OTE, Euphemia version that fixes an issue in the external constraint for Core FB and some changes in the Nordic topology.
- The next major go-live will be the Core flow-based go-live which is scheduled together with the Italian Borders Working Table MNA and operational timing changes for 20/04. After this go-live a rollback period of 6 weeks will apply.
- The number of incidents is stable and there was no heavy incident this year.
- On 03/04 (for delivery day 04/04) high prices of up to 2.987,78 €/MWh were detected. In line with the Harmonised Maximum and Minimum Clearing Prices Methodology in accordance with Article 41(1) of CACM the harmonised maximum clearing price will be adjusted from 3.000 €/MWh to 4.000€/MWh from five weeks after the event occurred. A communication note informing market participants about this change has been prepared and will be published on 11/04.

5.2) Improvement of the governance of the change control process and development of MCO assets

The update of the SDAC change control procedure, including review by SDAC MSD and OPSCOM is completed. The procedure will be re-published on the ENTSO-E' and NEMO Committee's websites.

5.3) SDAC SF TF

- The newly established SDAC Simulation Facility Task Force (SDAC SF TF) has defined its work packages for 2022 which are long-term improvements, definition and monitoring of KPIs and managing recurrent SF issues.
- Long-term improvements will be prioritized as they provide input to other packages. The collaboration with the PCR SF TF continues in parallel with regards to the KPI's and recurrent issues experienced with the SF.

5.4) SDAC MSD

- 15 min MTU performance: further diagnosis study results show that performance challenges remain in place even if applying a combination of various corrective measures.
- Non-uniform (NUP) pricing study status update: after the finalization of the 3rd study, NEMOs and TSOs continued their internal assessments which showed that NUP needs to be further assessed in the context of 15 min and cross-matching requirements. SDAC MSD identified the preferred side payment design option and choice of pricing for further investigations. It is planned to present the NUP topic to market participants during Q2 2022.

5.5) 15 min MTU project

- The Master Test Plan dealing with the SDAC test approach, schedule, activities and the (end) products to be delivered in relation to the test process has been finalised.
- The Testing Body started its work in March and members were asked to nominate a convenor/test manager.
- The risk register was reviewed and updated. The two main risks remain: performance of the algorithm is not sufficient to support the 15 min MTU go-live in 2024 and a potential lack of human resources for testing, the latter is being monitored as part of the go-live readiness of the regional implementation projects (RIPs).
- The document collecting the RIP go-live readiness was updated in cooperation with the SPOCs. It is foreseen to share the overall status with the NRAs on a regular basis.

5.6) SDAC BMTF

- The cost sharing keys for the SDAC NEMO and TSO common costs applicable for 2022 have been calculated based on the latest available consumption data and the 2021 traded volumes.
- Consequently, Attachment 1, Annex 6, DAOA has been updated with all input data used for the calculation of the sharing keys between Member States and third countries.

5.7) MCSC members questions to TF/project reports

No questions are raised to the NEMO progress report.

6. SDAC – Any other business**6.1) (Re)-appointment of TF leaders**

- The TF leaders of the SDAC BMTF, MSD and OPSCOM appointment period expires during June 2022.
- The current leaders of SDAC BMTF and SDAC OPSCOM are willing to continue for another year if parties wish. The current MSD leaders have announced not to be available anymore after June 2022. This means that NEMOs and likewise TSOs need to identify suitable candidates to take the role of the SDAC MSD NEMO respectively TSO co-leader.

6.2) ACER request on market simulations

- An urgent request from ACER to deliver for the geographical area covered by the Euphemia algorithm the results from a simulation under two different scenarios has been received.
- The output data from the simulations were provided to ACER by end of February.

7. SIDC – Important points to highlight & decisions requested**7.1) Integrated Plan**

- QARM Convener presented the SIDC plan with the emphasis to cross product matching (CPM) and Intraday Auction (IDA) area.
- Intensive testing activities with potential conflict with R3.3 testing was mentioned.
- The work on the Flow based method and the losses are resumed as resources are available.
- The QARM Convener also mentioned the REMIT update plan. The extension of REMIT reporting is in progress; it is done mostly locally by the NEMOs. There are however new sources of information which can be provided only centrally, therefore, there is an agreement with ACER to extend the reporting.

7.2) SIDC OPSCOM Status Report

- No major issues and risks in operations were identified.
- There were 4 small incidents since the last MCSC.
- The OPSCOM also undertakes various activities and is progressing of the identified requests for change.
- The stakeholders reports for January and February and report on Critical incident on 31/01 were received by the MCSC.

7.3) QARM Status Report including IDA Topics

- QARM Convener presented Status Report and focussed on the considerations regarding the Cross Product Matching.
- The project is analysing the topic in detail and will also consult the market participants in order to agree on the best way forward. It was highlighted that the decision should be taken by June 2022.
- Furthermore, the overall project Roadmap and IDA testing activities are presented.
- The MCSC also aligned the approach to the CACM 2021 report concerning the R&D information.

7.4) SIDC MSD Status Report including IDA Topics

- MSD Convener presented Status Report mainly related to IDA topic with focus on the implementation timeline.
- He further informed that the work on flow-based and losses design was resumed by the group.

7.5) SIDC BMSG Status Report

The MCSC approves the SIDC Cost Sharing key for 2022 provided by the BMSG.

7.6) MCSC members questions to reports

No questions were raised.

8. Closure of the meeting**8.1) Next meetings**

The MCSC agreed to hold the next meeting as physical meeting

9. Discussion without subcontractors**9.1) IDA Testing Group Convener**

List of abbreviations

Short	Long name	Short	Long name
50Hertz	50Hertz Transmission GmbH	MNA	Multi-NEMO Arrangements
Admie	Independent Power Transmission Operator S.A.	MSD	Market and System Design
Amprion	Amprion GmbH	MTU	Market Time Unit
AOB	Any Other Business	N-Side	Provider of Euphemia
AP	Action Point	Nasdaq	Nasdaq Oslo ASA
APG	Austrian Power Grid AG	NEMO	Nominated Electricity Market Operator
ASR	Additional Service Request	NC	NEMO Committee
AST	AS "Augstsprieguma tīkls"	Nord Pool EMCO	Nord Pool European Market Coupling Operator AS
BMTF	Budget Management Task Force	OBK	Orderbook
BSP	BSP Energy Exchange LL C	OKTE	OKTE, a.s.
CC	Conference call	OMIE	OMI-Polo Español, S. A
ČEPS	ČEPS, a.s	OPCOM	Operatorul Pietei de Energie Electrica si de Gaze Naturale "OPCOM" S.A.
CET	Central European Time	OPSCOM	Operational Steering Committee
CR	Change Request	OST	OST sh.a – Albanian Transmission System Operator
Creos	CREOS Luxembourg S.A.	OTE	OTE, a.s
Cropex	Croatian Power Exchange Ltd.	PCG	Pentateral Coordination Group
CSE	Central Settlement Entity	PCR	Price Coupling of Regions
DAOA	Day-Ahead Operational Agreement	PMB	PCR Matcher and Broker
		PM	Project Manager
DST	Daylight Savings Time	PMI	Public Message Interface
EC	European Commission	PMO	Project Management Office
Eirgrid	EirGrid plc	PP	Project Place
Elering	ELERING AS	PSE	Polskie Sieci Elektroenergetyczne S.A.
ELES	ELES, Ltd., Electricity Transmission System Operator	QARM	Quality Assurance and Release Management
Elia	ELIA System Operator SA/NV	R#.#	Release and number
EMS	Javno Preduzeće Elektromreža Srbije Beograd	R&D	Research and Development
Energinet	Energinet Elsystemansvar A/S	REE	Red Eléctrica de España, S.A.U.
EOB	End of Business	REN	REN – Rede Eléctrica Nacional, S.A.
EOD	End of Day	RIP	Regional Implementation Project
EPEX Spot	EPEX Spot SE	RTE	RTE Réseau de Transport d'Electricité
ESO	ELECTRICITY SYSTEM OPERATOR EAD - Bulgaria	SEPS	Slovenská elektrizačná prenosová sústava, a.s.
EXAA	EXAA Abwicklungsstelle für Energieprodukte AG	SF	Simulation Facility
Fingrid	FINGRID OYJ	SIDC	Single Intraday Coupling
GCT	Gate Closure Time	SLA	Service Level Agreement
GME	Gestore dei Mercati Energetici S.p.A.	SONI	SONI Limited
HEnEx	HELLENIC ENERGY EXCHANGE S.A.	SPOC	Single Point of Contract
HL	High-Level	Statnett	STATNETT SF
HOPS	Croatian Transmission System Operator Ltd.	Svk	AFFÄRSVERKET SVENSKA KRAFTNÄT
HUPX	HUPX Hungarian Power Exchange Company Limited by Shares	TBD	To Be Defined
IBEX	Independent Bulgarian Energy Exchange	Terna	Terna - Rete Elettrica Nazionale S.p.A.
ICG	Implementation Coordination Group (for MNA and 15 min MTU coordination)	TGE	Towarowa Gielda Energii S.A.
IMT	Incident Management Tool	ToR	Terms of Reference
JSC	Joint Steering Committee with DBAG	Transelectrica	National Power Grid Company Transelectrica S.A.
LIP	Local Implementation Project (SIDC)	TransnetBW	TRANSNET BW GmbH
Litgrid	LITGRID AB	TSO	Transmission System Operator
MAVIR	MAVIR Hungarian Independent Transmission Operator Company Ltd.	TTG	TENNET TSO GmbH
MCO	Market Coupling Operator	TTN	TENNET TSO B.V.
MCSC	Market Coupling Steering Committee	XTG	XBID Testing Group
MD	Man days		
MEPSO	Transmission System Operator of the Republic of North Macedonia		