

mFRR-Platform Accession roadmap

Version	Description	Date
V3	2 nd Update of Accession Roadmap	24/4/2021

According to Implementation Framework for a European platform for the exchange of balancing energy from frequency restoration reserves with manual activation (mFRRIF), Article 5, Paragraph 4 (b) member TSOs shall develop accession roadmap within three months after approval of mFRRIF (date of approval 24/1/2020)

The accession of member TSOs to mFRR-Platform (MARI) is planned in accordance with the following accession roadmap. MARI member TSOs and ENTSO-E share this accession roadmap for informative purposes only and does not, in any case, represent a firm, binding or definitive position of MARI on the content. The content is subject to change as the implementation progresses and new information becomes available.

This accession roadmap will be updated at least twice a year to give stakeholders current information on the development.

Explanatory notes

Member TSOs below include an explanation for all aspects in the accession roadmap according to the mFRRIF:

5.4.(b)(i) the adaptation and implementation of terms and conditions for BSPs by each member TSO

- Member TSOs deemed relevant to split the development of T&C and their entry into force to provide clarity to stakeholders. Entry into force of T&C in some TSOs does not have to be adherent to the connection and Go-live of such TSOs in mFRR-Platform. In practice, the updated T&C may be applied in advance.

5.4.(b)(ii) the development of the functions of the mFRR-Platform

- Member TSOs provide further detail by splitting this point into the Activation Optimization Function (AOF) development and the TSO-TSO Settlement Function development.

5.4.(b)(iii) the interoperability tests between each TSO and the mFRR-Platform

The interoperability tests between each TSO and the mFRR-Platform (end-to-end integration tests) start as soon as part of the platform and TSOs are ready and finish by the Go-Live.

5.4.(b)(iv) the operational tests

The operational tests provide a period for the TSOs to get acquainted with the new operational paradigm.

5.4.(b)(v) the connection of each TSO to the mFRR-Platform

The connection of a TSO to the mFRR-Platform indicates the effective TSO business Go-Live after successful performance of the interoperability and operational test.

5.4.(b)(vi) making the mFRR-Platform operational

- Member TSOs see as one part of this aspect testing of the mFRR-Platform functions and another part of the act of making the mFRR-Platform Go-live itself. That is why it was split in the accession roadmap to give stakeholders better overview. The legal deadline for the Go-Live is set to 24/7/2022.

5.4.(b)(vii) the connection of all TSOs that have been granted a derogation by their respective regulatory authorities in accordance with Article 62 of EB Regulation

 TSOs have the possibility to request a derogation to their respective authorities – in the roadmap TSOs that are considering such option or already did request are marked in the accession roadmap.



	mFRRIF				021			20	22			20	23	
	MERRIE					~ .				~ .		~ ~		~
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
	5.4.(b)(ii)	AOF												
	5.4.(b)(ii)	TSO-TSO Settlement												
	5.4.(b)(vi)	Testing functions & mFRR												
nFRR-Platform	5.4.(b)(iii)	TSOs Interoperability tests												
	5.4.(b)(iv)	Operational tests (parallel i												
	5.4.(b)(v)	TSOs Connection / Go-live												
	5.4.(b)(vi)	mFRR-Platform Go-live												
	Go-Live	TSO	Q1	Q2	021 Q3	Q4	Q1	20 Q2	22 Q3	Q4	Q1	Q2	23 Q3	Q
Country	GO-LIVE	50Hz/Amprion/ TenneT	QI	QZ	Q3	Q4	QI	QZ	Q3	Q4	QI	QZ	Q3	Q
Germany		Gmbh/ TransnetBW												
	00.0004													
Greece	Q2 2024	ADMIE ⁵							_					
Austria _atvia		APG		1										
	Q3 2023 - Q3 2024	AST ¹ CEPS							_					
Czech republic									_					
stonia	Q3 2023 - Q3 2024	ELERING ¹ ELES							_					
Slovenia Belgium		ELES												
Denmark	Q3 2023 - Q2 2024	Energinet ²												
Bulgaria	Q3 2023 - Q2 2024	Energinet												
Finland	Q3 2023 - Q2 2024											_		
Croatia	Q3 2023 - Q2 2024	HOPS												
_ithuania	Q3 2023 - Q3 2024	LITGRID												
Hungary	Q3 2023 - Q3 2024	MAVIR ³												
Poland	H1 2024	PSE												
Spain	Q4 2022	REE				1					-			
Portugal	Q4 2022 Q4 2023	REN							-					
France	S1 2024	RTE							-					
Slovakia	Q3 2024	SEPS ⁴												
Sweden		SVK ²							_					
Vetherlands	Q0 2020 Q2 2024	TenneT BV												1
talv		Terna												
Romania		Transelectrica												
EEA														
Norway	Q3 2023 - Q2 2024	Statnett ²												
Non-EU Member	State								-					
Jnited Kindom		NGESO ⁶												
Switzerland		Swissgrid				1								

5.4.(b)(iii) 5.4.(b)(v) 5.4.(b)(vii) Interoperability tests between TSO and mFRR-Platform TSO connection to mFRR-platform / Go-live

EBGL Article 62 Derogation considered / requested / granted

¹ Baltic TSOs are planning to submit derogation request according to the results of performed public consultations. Planned connection time will be aligned with the Nordic TSOs, expected in Q3 2023 - Q3 2024, but not later than 24.07.2024.

² The Nordic TSOs are currently preparing their request for derogation. The detailed steps towards accession to MARI will be assessed as part of this process. The plan presented in this roadmap shall be regarded as a preliminary, non-binding estimate. The planned connection time is expected in the period Q3 2023 - Q2 2024. ³ MAVIR has initiated discussions with its NRA with the intention to ask for derogation.

⁴ SEPS - derogation was granted by local NRA until 24.7.2024, but SEPS ambition is to join MARI Platform in Q1 2023 (depends on advancement of processes related to local implementation).

⁵ ADMIE is going to initiate the discussion with its NRA with the intention to ask for derogation up to 24.07.2024. ⁶ The situation of NGESO is still under consideration.