

CMP393 - Using Imports and Exports to Calculate Annual Load Factor for Electricity Storage

Workgroup 7 – Wednesday 05 July 2023

Online Meeting via Teams



Objectives, Timeline and Terms of Reference

Teri Puddefoot – ESO Code Administrator



Objectives

- Review timeline and terms of reference
- Review actions log
- Review alternatives and vote
- Review legal text

Timeline for CMP393 – Standard Timeline

Milestone	Date	Milestone	Date
Modification presented to Panel	24 June 2022	Workgroup report issued to Panel	20 July 2023
Workgroup Nominations (15 working days)	19 July 2022 to 9 August 2022 (5pm)	Panel sign off that Workgroup Report has met its Terms of Reference	28 July 2023
Workgroup 1	2 September 2022	Code Administrator Consultation (20 working days)	3 August 2023 – 1 September 2023
Workgroup 2 and 3 - Further analysis review	13 October 2022 & 7 December 2022	Draft Final Modification Report (DFMR) issued to Panel	21 September 2023
Workgroup 4 - Refine solution(s) and consider potential Workgroup Consultation questions	15 March 2023	Panel undertake DFMR recommendation vote	29 September 2023
Workgroup 5 – Review of the workgroup consultation document, refine solution and confirm specific workgroup consultation questions	25 April 2023	Final Modification Report issued to Panel to check votes recorded correctly	2 October 2023 – 9 October 2023
Workgroup Consultation (15 working days)	15 May 2023 – 6 June 2023	Final Modification Report issued to Ofgem	10 October 2023
Workgroup 6 - Review Workgroup Consultation Responses, refine solution and discuss any potential alternatives	20 June 2023	Ofgem decision	By 31 October 2023
Workgroup 7 - Update actions log, hold Alternative Vote, review draft legal text	05 July 2023	Implementation Date	1 April 2024
Workgroup 8 - Finalise solution, complete workgroup report and hold workgroup vote	13 July 2023		

CMP393 – Terms of Reference

Workgroup Terms of Reference

- a) Consider EBR implications
- b) Consider why this change only applies to a subset of storage technologies (i.e. battery and pumped storage), and potential discrimination for conventional, controllable generation
- c) Consider the full Cornwall Insight modelling results and consider the impacts on TNUoS parties
- d) Undertake analysis on the extent to which storage can on average be expected to impact on constraint cost levels (under different commercial/operational models). This should include consideration of duration of storage for management of constraints, and it should include consideration of storage providing ESO Balancing Services
- e) Consider the impacts for Storage Operators not located in areas with constraints
- f) Consider any interactions with the TNUoS Taskforces, in-flight Modifications (CMP316 and CMP331) and the current NETS SQSS review in terms of the treatment of storage
- g) Consider the appropriateness of the solution for both positive and negative charging zones
- h) Consider whether the use of a 'net' as opposed to 'gross' ALF is consistent with the concept of 'Sharing' related to the Year-Round Background.



Review of Actions Log

Teri Puddefoot – ESO Code Administrator

Actions Log

Action number	Workgroup Raised	Owner	Action	Comment	Due by	Status
16	WG6	TP	Request feedback from Panel on whether alternates are within scope of this modification or if the Terms of Reference should be altered, and circulate feedback to Workgroup	NA	WG7	Closed
17	WG6	LT	Update timeline to add additional Workgroup for Alternative Vote	NA	WG7	Closed
18	WG6	TP	Contact Workgroup Consultation Respondents to make them aware of a typo, and whether their responses would change because of this	NA	WG7	Open
19	WG6	Zenobe/Ofgem	Arrange offline meeting to discuss defect and analysis	NA	WG7	Open
20	WG6	TP	Circulate EBR regulations for Workgroup to review this for Terms of Reference	NA	WG7	Open
21	WG6	RDL	Discuss impact of charges (relating to Cornwall Insight Modelling) with revenue team	NA	WG7	Open
22	WG6	Zenobe	Provide clarity on ToR (j) based on analysis already completed	NA	WG7	Open
23	WG6	TP	Clarify whether Workgroup members can vote by proxy	NA	WG7	Closed
24	WG6	AP	Provide draft legal text for review by the Workgroup	NA	WG7	Closed



Workgroup Alternatives discussion and vote

Teri Puddefoot – ESO Code Administrator



Draft Legal Text, Questions and Discussion

Alison Price – National Grid ESO



AOB & Next Steps

Teri Puddefoot – ESO Code Administrator