

CMP435 & CM096

Application of Gate 2 Criteria to existing contracted background

Workgroup Meeting 12, 23 July 2024
Online Meeting via Teams

WELCOME



Agenda

Topics to be discussed	Lead
Introductions	Chair
Timeline and Topics	Chair
Terms of Reference	Chair
Action Review	Chair
Review CMP435 Draft Workgroup Consultation	All
Any Other Business	Chair
Next Steps	Chair

Timeline and Topics

Catia Gomes – ESO Code Administrator

CMP435 Application of Gate 2 Criteria to existing contracted background

Pre-Workgroup	
Proposal raised	19/04/24
Presented to Panel	26/04/24
Workgroups	
CMP435 Workgroup 1	07/05/24
CMP435 Workgroup 2	15/05/24
CMP435 Workgroup 3	23/05/24
CMP435 Workgroup 4	29/05/24
CMP435 Workgroup 5	04/06/24
CMP435 Workgroup 6	12/06/24
CMP435 Workgroup 7	19/06/24
CMP435 Workgroup 8	27/06/24
CMP435 Workgroup 9	03/07/24
CMP435 Workgroup 10	10/07/24
CMP435 Workgroup 11	19/07/24
CMP435 Workgroup 12	23/07/24
CMP435 Workgroup 13	24/07/24
CMP435 Workgroup Consultation	25/07/24 – 06/08/24

Post Workgroup Consultation		
CMP435 Workgroup 14	14/08/24	Consultation review of responses
CMP435 Workgroup 15	22/08/24	Workgroup for Alternatives discussion
CMP435 Workgroup 16	29/08/24	Finalise solution
CMP435 Workgroup 17	30/08/24	Finalise solution + Alternative Vote
CMP435 Workgroup 18	04/09/24	Original legal text
CMP435 Workgroup 19	12/09/24	WACM legal text
CMP435 Workgroup 20	18/09/24	Finalise WG Report & ToR, WG vote
CMP435 Workgroup Report to Panel	20/09/24	
CMP435 Panel to agree whether ToR have been met	25/09/24	Special Panel
Post Workgroups		
CMP435 Code Administrator Consultation	26/09/24 – 10/10/24	
CMP435 Draft Final Modification Report to Panel	16/10/24	
CMP434 Final Modification Report Panel Recommendation Vote	22/10/24	Special Panel
CMP435 Final Modification to Ofgem	22/10/24	
CMP435 Decision Date	13/12/24	
CMP435 Implementation Date	01/01/25	

Terms of Reference

Catia Gomes – ESO Code Administrator

Terms of reference – CMP435 (agreed by May Panel)

Workgroup Term of Reference

- a) Consider Electricity Balancing Regulation implications.
- b) Consider the scope of work identified and whether this is achievable within the timeframe outlined in the Ofgem Urgency decision letter.
- c) Consider what types of existing contracts that CMP435 should apply to, and what exemptions are required (if any).
- d) Consider changes to the contractual arrangements for those existing contracted parties that have not met the Gate 2 criteria by the Go-Live Date of 1 January 2025.
- e) Review the transitional arrangements in relation to changes to the contractual arrangements and any associated costs.
- f) Consider the application of the User Commitment methodology to projects in Gate 1 and Gate 2 and the transitional arrangements that may be required for existing connections contracts.
- g) Consider how any new financial instruments associated with connections are cost reflective and predictable.
- h) Consider how the solution(s) conforms with the statutory rights in respect of terms and conditions for connection.
- i) Consider the impact of NESO designation of Gate 2 status, and ways to make this non-discriminatory.
- j) The cross Code impacts this modification has, in particular the STC and distribution arrangements (e.g. DCUSA)
- k) Consider the relevant content of Annex B of the Ofgem [Open letter on connections reform publication](#).

Terms of reference – CM096 (agreed by May Panel)

Workgroup Term of Reference

- a) Consider Electricity Balancing Regulation implications.
- b) Consider the scope of work identified and whether this is achievable within the timeframe outlined in the Ofgem Urgency decision letter.
- c) Consider what types of existing contracts that CM096 should apply to, and what exemptions are required (if any).
- d) Consider changes to the contractual arrangements for those existing contracted parties that have not met the Gate 2 criteria by the Go-Live Date of 1 January 2025.
- e) Review the transitional arrangements in relation to changes to the contractual arrangements and any associated costs.
- f) Consider the application of the User Commitment methodology to projects in Gate 1 and Gate 2 and the transitional arrangements that may be required for existing connections contracts.
- g) Consider how any new financial instruments associated with connections are cost reflective and predictable.
- h) Consider how the solution(s) conform(s) with the statutory rights in respect of terms and conditions for connection.
- i) Consider the impact of NESO designation of Gate 2 status, and ways to make this non-discriminatory.
- j) The cross Code impacts this modification has, in particular the CUSC and distribution arrangements (e.g. DCUSA).
- k) Consider the relevant content of Annex B of the Ofgem [Open letter on connections reform publication](#).

Action Review

Catia Gomes – ESO Code Administrator

20	WG3	RW, AT	TOs and ESO meeting needed to discuss data available to review capital contributions for 2024	Information to be brought back to the WG and discussed in context of transitional arrangements	Ongoing	Open
21	WG3	ESO Connections Team	When considering transitional arrangements, include guidance for staged projects	To be covered in WG10	WG6	Open
34	WG5	Code Gov, Proposers, SME	Assess the agenda for 16 July (considering time needed to review consultation responses)		Ongoing	Open
36	WG5	Angie	Statement from ESO as to the CAP150 powers and how they are applied /can be applied re: ongoing compliance (include link to CAP150 info on ESO website)		Ongoing	Open
42	WG6	LH	Check with legal as to the clock start dates for new applications considering the point of implementation after an Authority decision (is 15th of November date is legally acceptable as the Gate 1 process only comes to existence 10 Working days after Authority decision?)		Ongoing	Open
44	WG6	RM	Confirmation about whether NESO designation applications, decisions and decision rationales would be published.		Ongoing	Open

49	WG7	RP	To provide feedback gathered from Friday 21 June meeting with DNOs on distribution mirroring the low level dispute process proposed in CMP435/CM096	This item was deprioritised at the call on the 21st June. Expectation is to discuss on the 28th June at Baringa workshop – Covered at the process Workshop	Ongoing	Proposed to close
55	WG8	PM	Forward looking milestones illustrative examples for staged offers (same and different technologies).		5 th July	Open
56	WG8	MO	Clarification with legal regarding guidance and introduction of any new obligations.		Ongoing	Open
57	WG8	MO	ESO set out the processes and timing for determining liability and security for April 2025 and October 2025.		Ongoing	Open
59	WG8	MO	Provide WG with the list of documents outside the mod, the principles for guidance docs and timelines for the development of methodology documents.		Ongoing	Open
60	WG8	RP	(Replacement for action 35) Provide relevant updates from SCG		Ongoing	Open
61	WG8	PM	Amendments to action 52) ESO to confirm intention for % evidence checks vs 100% checks for CMP376.		WG10	Open
62	WG8	PM	ESO to enquire with Ofgem about them setting % evidence check level.		Ongoing	Open

65	WG9	FS	ESO to look into the data checks between D + T by ESO (data transfer) for criteria/duplication	Ongoing	Open
66	WG9	PM	Self cert letter to ask for explicit declaration if applying for Gate 2 via Distribution and Transmission routes (re duplication checks)	Ongoing	Open
72	WG9	RM/JH	Workgroup request appendix/annex re: transmission connection queue – how many projects impacts re diff tech and dates + information on the RFI for the consultation (majority/minority party)	Ongoing	Open
74	WG10	PM/GG/RW	To consider wider context of projects for Gate 2 criteria and implementation aspects to map project types and considerations for 'minimum options' suggestions/proposal		

77	WG10	MO	Consider how to treat requests to reduce capacity for existing contract projects	Ongoing	Open
79	WG10	MO	Develop a diagram for consultation for alignment of methodologies' timings vs the modifications		
80	WG10	MO	Provide further clarity on the nature of the projects designated in 2025, and separately those projects would have reserved capacity		
82	WG11	MO	To update whether/when/what information from RFI will be published		Open
83	WG11	MO	To update WG on securities for offers (re: small/med embedded generators)		Open
84	WG11	PM/HS	To discuss how to make Offshore projects holding offers in scope of the modification		Open
85	WG11	Greg	Comeback to WG with Justification on proposals on exempting mod apps from implementation date		Open
86	WG11	MO	Check on use of specific provisional dates for the indicative timeline and add additional text for clarity on what action is needed from users and consequences		Open
87	WG11	MO	Explore how offers referred to Ofgem are dealt with		Open

Review CMP435 Draft Workgroup Consultation

All

Next Steps

Catia Gomes – ESO Code Administrator



Any Other Business

Catia Gomes – ESO Code Administrator

Appendix 1

CMP434 Relevant content from the end to end solution slides for CMP435

Element	Same as CMP434	Differences to CMP434
Ofgem approved methodologies	X	

Ofgem approved methodologies

Ofgem Approved Methodologies	Process for Consultations and Approvals
<ul style="list-style-type: none"> - The associated concept (which is subject to the methodology) being lightly codified i.e. a broad definition of the concept and its purpose being set out within the licence (with reference to it in the code). - A licence obligation to develop, consult on, publish and comply with a methodology. - A requirement for Ofgem approval of a methodology, and any material amendments to a methodology in future. - Methodologies proposed for NESO Designation, Gate 2 Criteria and Connections Network Design. 	<ul style="list-style-type: none"> - A formal minimum of <u>28 calendar days</u> must be allowed for an external consultation on the methodology (and any proposed changes in future). - A formal consultation report must be issued to the Authority <u>within 14 calendar days</u> of the consultation close. - A formal period of <u>28 calendar days</u> for the Authority to review the methodology (and any proposed changes in future) and formal consultation report and during this time the Authority must approve or reject the methodology (or changes to it in future). - A review of the methodology must be done at least annually, but with the possibility of more frequent changes where required (process as above).

The above is subject to ongoing discussions with Ofgem and it would require changes to Licence Conditions.

Element	Same as CMP434	Differences to CMP434
NESO Designation	X*	

NESO Designation

We propose to create a concept and an associated methodology (to be approved by Ofgem) that would enable NESO to designate specific projects in line with specific criteria. It is proposed that the three criteria would be as follows:

- a) are critical to Security of Supply; and/or
- b) are critical to system operation; and/or
- c) materially reduce system / network constraints.

We are proposing that only the concept of NESO designation is included within the CUSC, with criteria and methodology to be published separately and approved by Ofgem (subject to Ofgem making relevant changes to the ESO licence, including any expectations Ofgem sets around consultation and/or periodic update, as further described in Element 1 above).

Element	Same as CMP434	Differences to CMP434
CNDM	X*	

Introducing a Connections Network Design Methodology

ESO propose the development of a new ESO/TO Connections Network Design Methodology, to set out how connections network design will be undertaken in relation to Gate 1 and Gate 2 processes.

New Connections Network Design Methodology (and so its contents) would not be codified (other than at a high-level to set out the relevance in the context of the process). This is on the basis/assumption that Ofgem introduce a licence obligation for ESO/TOs to have one in place, and that Ofgem also set out in licence the consultation, governance and approvals process(es) in relation to such methodology.

Element	Same as CMP434	Differences to CMP434
Connection Point and Capacity Reservation	X*	

Connection Point and Capacity Reservation

Proposal to extend existing STCP bay reservation process utilised by Network Services Procurement.

We propose to extend the concept to cover connection points (i.e. which may not necessarily be a bay) and capacity, and to extend the potential usage to include network competition (i.e. in relation to CATOs) and offshore projects in some circumstances.

For the avoidance of doubt, an offshore project in respect of co-ordinated network design, or a developer in respect of Network Services Procurement, will still need to follow the Gate 1 and Gate 2 processes once the outcome of a competition/lease is known.

In addition, in respect of the offshore process deviation for interconnectors and offshore hybrid assets described further above, this process would be used to reserve a connection point and capacity for such projects for a limited time.

Setting out the criteria for demonstrating Gate 2 has been achieved and setting out the obligations imposed once Gate 2 has been achieved (1)

Gate 2 – Ongoing Compliance

Element	Same as CMP434	Differences to CMP434
Gate 2 Criteria: ongoing compliance (planning & land)	X	

Once a project is within Gate 2 (i.e. once they have applied for / signed an accepted gate 2 offer):

- there will be ongoing land requirements; and
- there will be a requirement to submit the application for planning consent at the earliest of:
 - i. the Queue Management Milestone M1 (“M1”) calculated back from the connection date (as per current [CMP376](#) methodology); or
 - ii. M1 calculated forwards (based on a standard time period for each planning type) to move from acceptance of the Gate 2 Offer to M1.

Setting out the criteria for demonstrating Gate 2 has been achieved and setting out the obligations imposed once Gate 2 has been achieved (2)

Ongoing Compliance (Land):

- At each Queue Management Milestone, developers have sufficient acreage (calculated using the Energy Density Table as defined under [CMP427](#) and contained in [the ESO guidance document on Letter of Authority](#), as updated to include offshore projects) of land rights and/or consents for the full capacity of all technologies in the Connection Agreement and use existing rights under CUSC (introduced by CAP150, but which may need to be amended) to remove and/or reduce the capacity of those technologies; and
- Where a developer builds any capacity outside of their original red line boundary (i.e. the red line boundary submitted when certifying the project has met the Gate 2 criteria), there is the potential that this will impact on their total contracted capacity, depending on how much of the capacity remains within the original red line boundary. This will be calculated by reference to the capacity built within the original red line boundary. Our proposal is that for whatever capacity is built within the original red line boundary, only 50% of that number can then be located outside of the original red line boundary. Where this calculation results in a number that is less than the total contracted capacity, the total contracted capacity will be reduced accordingly to a revised total contracted capacity.

Element	Same as CMP434	Differences to CMP434
Gate 2 Criteria: ongoing compliance (planning & land)	X	

Element	Same as CMP434	Differences to CMP434
Gate 2 Criteria: ongoing compliance (planning & land)	X	

Setting out the criteria for demonstrating Gate 2 has been achieved and setting out the obligations imposed once Gate 2 has been achieved (3)

Ongoing Compliance (Planning):

A requirement to submit the application for planning consent (M1) at the earliest of:

- i. the Queue Management Milestone M1 (“M1”) calculated back from the connection date (as per current CMP376 methodology); or
- ii. M1 calculated forwards (based on a standard time period for each planning type) to move from acceptance of the Gate 2 Offer to M1.

ESO proposals (and WG provided typical timescales):

Planning Type	Workgroup provided typical timescales	ESO proposals assuming some land and planning work done in parallel
Town and Country Planning (England, Scotland and Wales)	1.5 years	1 year
Section 36 (Scotland)	1.5 years	1 year (but 3 years for Offshore)
Development of National Significance (Wales - akin to NSIP)	2 years	1.5 years
NSIP (need Development Consent Order - England)	3 years (but 5 years for Offshore)	2 years (but 3 years for Offshore)

Element	Same as CMP434	Differences to CMP434
Gate 2 Offer Process for Relevant EG	X	

Gate 2 Offer Process (Relevant EG)

The Gate 2 offer process for DNOs will remain largely unchanged. In TMO4+ (CMP434), the Project Progression is equivalent to a Gate 2 application and TOs will produce a TOCO for the Project Progression received from the DNO, as they do now which is sent to the ESO. **It should be noted that for CMP435 a template will be used for DNO's to notify the ESO which projects meet Gate 2 criteria, not a Project Progression.**

The ESO will update the necessary contract appendices (and the form of Appendix G will need to be updated to reflect TMO4+) and the ESO will prepare the offer which is issued to the DNO.

The DNO will still have three months to query the offer with the ESO and to sign their contract as they do now. The countersigning of documents between the DNO, TO and ESO will remain as they are now.

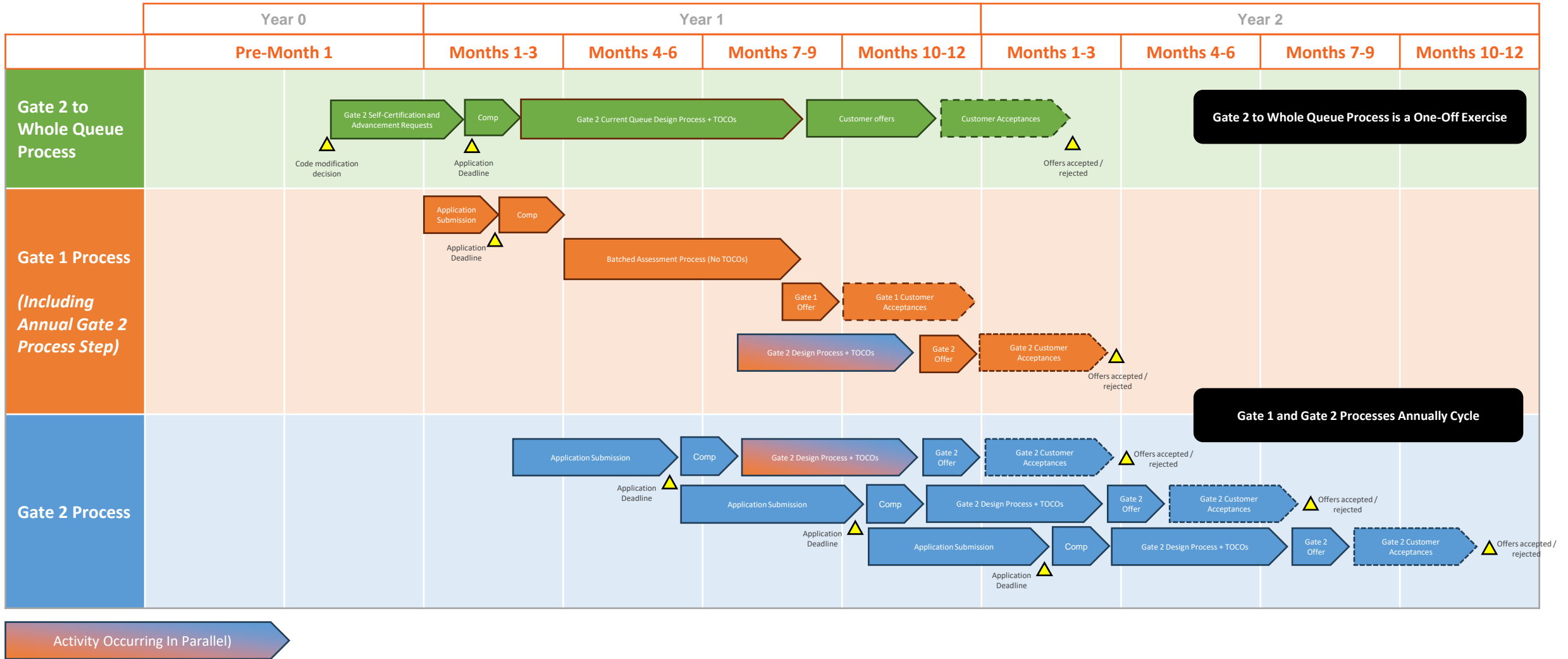
The Relevant Embedded Small/Medium Power station project can (via the DNO) be provided with a confirmed connection date (from a Transmission perspective), full works and costs as the outcome of the Gate 2 offer process. Relevant Embedded Small/Medium Power Stations will be liable for and secure as normal once they are contracted with the DNO and pass Gate 2.

*DNO refers to DNO's and IDNO's connecting at T



Appendix 2: CMP434 and CMP435 Draft Process

Indicative Process Timeline



Please note that this simplified chevron diagram remains subject to change through ongoing Workgroup and TO Discussions, and Wider Stakeholder Feedback.

Appendix 3: Alternatives

What is the Alternative Request?

What is an Alternative Request? The formal starting point for a Workgroup Alternative Modification to be developed which can be raised up until the Workgroup Vote.

What do I need to include in my Alternative Request form? The requirements are the same for a Modification Proposal you need to articulate in writing:

- a description (in reasonable but not excessive detail) of the issue or defect as outlined in the Original Proposal which the alternative seeks to address compared to the current proposed solution(s);
- the reasons why you believe that the proposed alternative request would better facilitate the Applicable Objectives compared with the current proposed solution(s) together with background information;
- where possible, an indication of those parts of the Code which would need amending in order to give effect to (and/or would otherwise be affected by) the proposed alternative request and an indication of the impacts of those amendments or effects; and
- where possible, an indication of the impact of the proposed alternative request on relevant computer systems and processes.

How do Alternative Requests become formal Workgroup Alternative Modifications? The Workgroup will carry out a Vote on Alternatives Requests. If the majority of the Workgroup members or the Workgroup Chair believe the Alternative Request will better facilitate the Applicable Objectives than the current proposed solution(s), the Workgroup will develop it as a Workgroup Alternative Modification.

Who develops the legal text for Workgroup Alternative Modifications? ESO will assist Proposers and Workgroups with the production of draft legal text once a clear solution has been developed to support discussion and understanding of the Workgroup Alternative Modifications.

What is the Alternative Vote?

To participate in any votes, Workgroup members need to have attended at least 50% of meetings. The vote shall be decided by simple majority of those present at the meeting at which the vote takes place (whether in person or by teleconference)

Stage 1 – Alternative Vote

- Vote on whether Workgroup Alternative Requests should become Workgroup Alternative CUSC/ STC Modifications.
- The Alternative vote is carried out to identify the level of Workgroup support there is for any potential alternative options that have been brought forward by either any member of the Workgroup OR an Industry Participant as part of the Workgroup Consultation.
- **Should the majority of the Workgroup OR the Chair believe that the potential alternative solution may better facilitate the CUSC/ STC objectives than the Original then the potential alternative will be fully developed by the Workgroup with legal text to form a Workgroup Alternative CUSC modification (WACM)/ STC modification (WASTM) and submitted to the Panel and Authority alongside the Original solution for the Panel Recommendation vote and the Authority decision.**

What is the Workgroup Vote?

To participate in any votes, Workgroup members need to have attended at least 50% of meetings. The vote shall be decided by simple majority of those present at the meeting at which the vote takes place (whether in person or by teleconference)

Stage 2 – Workgroup Vote

- 2a) Assess the original and Workgroup Alternative (if there are any) against the relevant Applicable Objectives compared to the baseline (the current code)
- 2b) Vote on which of the options is best.

Alternate Requests cannot be raised after the Stage 2 – Workgroup Vote

Appendix 4:
**Workgroup membership – for reference as
of 26 June 2024**

CMP435 - Application of Gate 2 Criteria to existing contracted background Workgroup Membership

Code Administrator Modification Chair: Elana Byrne
Code Administrator Technical Secretary: Tammy Meek

[Code Modification Page](#)
[Code Governance Rules](#)

Role	Name	Company	Industry Sector
Proposer	Alice Taylor	ESO	System Operator
Workgroup Member	Deborah MacPherson	Scottish Power Renewables	Generator
Workgroup Member	Garth Graham	SSE Generation	Generator
Workgroup Member	Claire Hynes	RWE Renewables	Generator
Workgroup Member	Paul Youngman	Drax	Generation/Supply
Workgroup Member	Greg Stevenson	SSEN Transmission (SHET)	Onshore Transmission Licensee
Workgroup Member	Michelle MacDonald Sandison	SSEN	Network Operator
Workgroup Member	Richard Woodward	NGET	Onshore Transmission Licensee
Workgroup Member	Kyran Hanks	WWA Ltd	CUSC Panel Member
Workgroup Member	Sam Aitchison	Island Green Power	Developer
Workgroup Member	Callum Dell	Invenergy	Generator
Workgroup Member	Rob Smith	Enso Energy	Generator
Workgroup Member	Mark Field	Sembcorp Energy (UK) Limited	Legal, Regulation and Compliance
Workgroup Member	Wendy Mantle	Scottish Power Energy Networks	Network Operator
Workgroup Member	Samuel Railton	Centrica	Generator
Workgroup Member	Barney Cowin	Statkraft	Generator
Workgroup Member	Charles Deacon	Eclipse Power Solutions	Network Operator

CMP435 - Application of Gate 2 Criteria to existing contracted background Workgroup Membership

Code Administrator Modification Chair: Elana Byrne
Code Administrator Technical Secretary: Tammy Meek

[Code Modification Page](#)
[Code Governance Rules](#)

Role	Name	Company	Industry Sector
Workgroup Member	Nirmalya Biswas	Northern Powergrid	Network Operator
Workgroup Member	Joe Colebrook	Innova Renewables	Generator
Workgroup Member	Jack Purchase	NGED	Network Operator
Workgroup Member	Charles Edward Cresswell	Cero Generation	Generator
Workgroup Member	Hooman Andami	Elmya Energy	Generator
Workgroup Member	Helen Snodin	Fred Olsen Seawind	Generator
Workgroup Member	Ravinder Shan	FRV TH Powertek Limited	Generator
Workgroup Member	Steffan Jones	Electricity North West Limited (ENWL)	Network Operator
Workgroup Member	Jonathon Lee Hoggarth	EDF Renewables Ltd	Generator
Workgroup Member	Paul Jones	Uniper	Generator
Workgroup Member	Pedro Javier Rodriguez	Lightsourcebp	Generator
Workgroup Member	James Devriendt	UK Power Networks	Network Operator
Workgroup Member	Ed Birkett	Low Carbon	Generator
Workgroup Member	Niall Stuart	Hutcheson Associates (Nominated on behalf of Buchan Offshore Wind)	Consultancy
Workgroup Member	Gareth Williams	Scottish Power Transmission	Onshore Transmission Licensee
Workgroup Member	Antony Cotton	Energy Technical & Renewable Services Ltd	Other - not disclosed
Authority Representative	Liam Cullen / Salvatore Zingale	Ofgem	-

* Confirmation pending for nomination by a Schedule 1 CUSC party

CMP435 - Application of Gate 2 Criteria to existing contracted background Workgroup Membership

Code Administrator Modification Chair: Elana Byrne
Code Administrator Technical Secretary: Tammy Meek

[Code Modification Page](#)
[Code Governance Rules](#)

Role	Name	Company	Industry Sector
Workgroup Member	Andy Dekany	NGV	Interconnector
Workgroup Member	Jonathan Wood	Tarchon Energy	Interconnector
Workgroup Member	Phillip Robinson	ITPEnergised	Other – not disclosed

CMP435 - Application of Gate 2 Criteria to existing contracted background

Code Administrator Modification Chair: Elana Byrne
Code Administrator Technical Secretary: Tammy Meek

[Code Modification Page](#)
[Code Governance Rules](#)

Observers

Role	Name	Company	Industry Sector
Observer	Matt Predescu	Eclipse Power Solutions	Network Operator
Observer	Jeremy Sainsbury	Fred Olsen Renewables	Generator
Observer	Barnaby Wharton	RenewableUK	Generator - trade association representing
Observer	Kyle Smith	Energy Networks Association	Other - trade association
Observer	Kirill Glukhovskoy	AQUIND Limited	Other - Interconnector Licensee
Observer	Aaron Priest	Ocean Winds	Generator
Observer	Alex Ikonic	Orsted	Generator
Observer	Karen Gold	Natural Power	Generator
Observer	Loukas Papageorgiou	RWE	Generator
Observer	Gillian Hilton	SSE Group	Network Operator, Supplier and Generator
Observer	Graz Macdonald	Waters Wye & Associates	Consultant
Observer	Ahmed Dabb	Aurapower/Solar & Bess Developers	Unknown
Observer	Amir Fazeli	Emeren	Renewable Developer
Observer	Joseph Martin	SSE Renewables (Solar & Battery)	

CM096 - Application of Gate 2 Criteria to existing contracted background Workgroup Membership

Code Administrator Modification Chair: Catia Gomes

Code Administrator Technical Secretary: Prisca Evans

[Code Modification Page](#)

[Code Governance Rules](#)

Role	Name	Company	Industry Sector
Proposer	Stephen Baker	ESO	System Operator
Workgroup Member	Claire Hynes	RWE Renewables	Generator
Workgroup Member	Gareth Williams	Scottish Power Transmission	Onshore Transmission Licensee
Workgroup Member	Garth Graham	SSE Generation	Generator
Workgroup Member	Grant Rogers	Qualitas Energy	Generator
Workgroup Member	Greg Stevenson	SSEN Transmission (SHET)	Onshore Transmission Licensee
Workgroup Member	Helen Snodin	Fred Olsen Seawind	Generator
Workgroup Member	Joe Colebrook	Innova Renewables	Generator
Workgroup Member	Kyran Hanks	WWA Ltd	Other / Consultant
Workgroup Member	Paul Jones	Uniper	Generator
Workgroup Member	Richard Woodward	NGET	Onshore Transmission Licensee
Workgroup Member	Sam Aitchison	Island Green Power	Developer
Authority Representative	Liam Cullen /Salvatore Zingale	Ofgem	-

Observers

Role	Name	Company	Industry Sector
Observer	Jeremy Sainsbury	Fred Olsen Renewables	Generator
Observer	Joel Matthews	DTC	Offshore Transmission Licensee
Observer	Loukas Papageorgiou	RWE	Generator