

**CMP435 & CM096**

**Application of Gate 2 Criteria to existing contracted background**

**Workgroup Meeting 9, 03 July 2024**  
Online Meeting via Teams

WELCOME



# Agenda

<b>Topics to be discussed</b>	<b>Lead</b>
Introductions	Chair
Timeline and Topics	Chair
Terms of Reference	Chair
<ul style="list-style-type: none"><li>• Fast Track Disputes Process Update</li><li>• LoA Phase 2 implications</li><li>• Gate 2 criteria – Forward looking milestones – Pt 2</li><li>• Offshore in relation to Capacity Reservation</li><li>• Query Log Review</li></ul>	Proposer, SME
Action Review	Chair
Any Other Business	Chair
Next Steps	Chair

# Timeline and Topics

Elana Byrne – ESO Code Administrator

# Terms of Reference

Elana Byrne – 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](#).

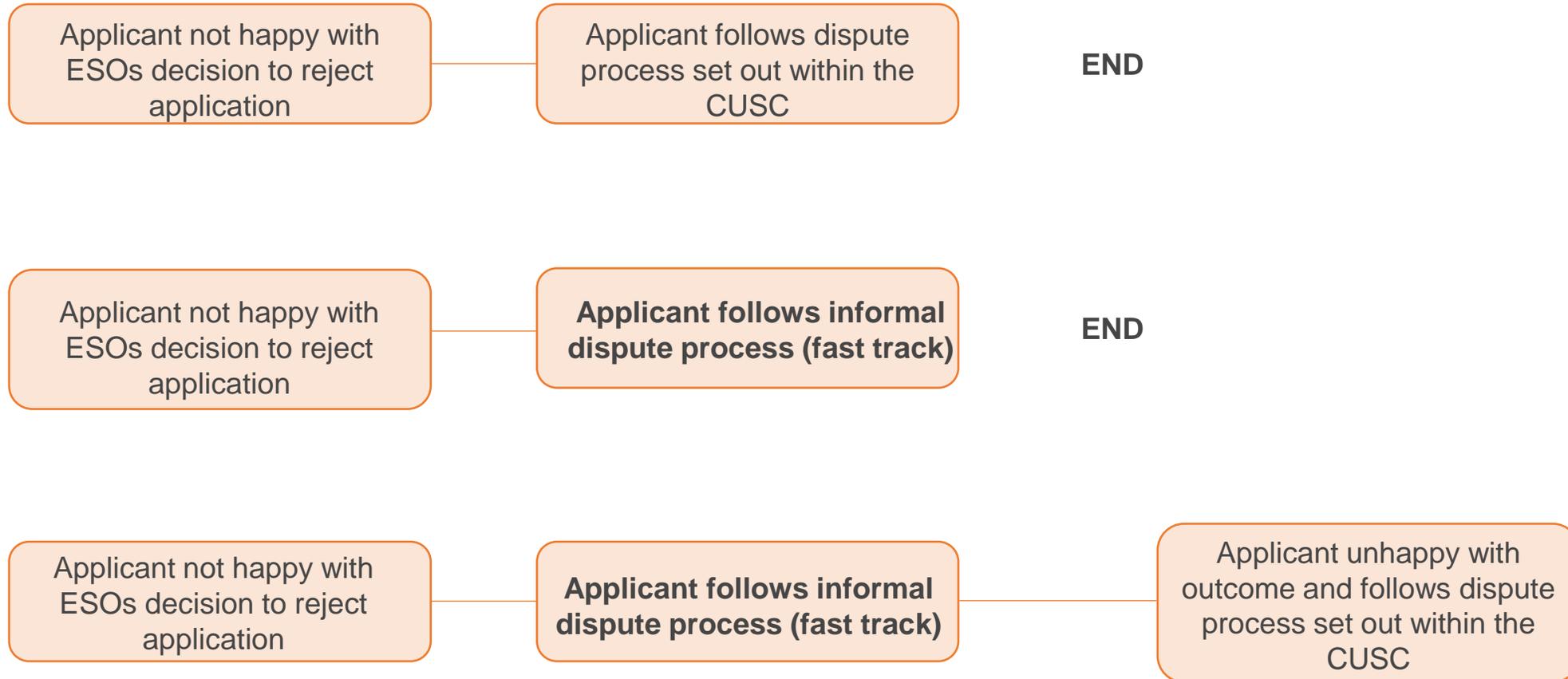
**Fast Track Dispute Process**  
**Holli Moon – ESO**

# Recap...

- This fast track dispute process is not codified and out of scope, however will stay in the consultation for comments/questions.
- It is not a mandatory process. Applicants do not have to use it.
- It is not intended to have high volumes of applicants going through this process.
- This is seen as a lower level/informal route for disputes which can be dealt with quickly
- This does not supersede the CUSC dispute process.
- An applicant could go straight to the CUSC process and bypass this completely if they wanted to.
- An applicant could go through the fast track informal route first and if unhappy with the outcome, could then follow the disputes process within the CUSC.

**Applications would stay within the process until there is a final outcome to the dispute (for both fast track and CUSC processes).**

## Where This Process Sits



**LOA Phase 2 Implications (final policy position)**  
**Folashadé Popoola - SME**

# LoA & Duplication Checks – What we initially proposed

## What have we proposed?

- Within the 'Implementing Connections Reform' Code Modification we have included the following in respect of what is referred to as 'LoA Phase 2':
- *'We will explore the extent to which new applications for projects that meet Gate 2 should not have any duplicate sites with any other projects, how this could be demonstrated (including in relation to any other projects) and the consequences for those where there are duplicates. We will also explore if and how this requires changes to the Letter of Authority required for new projects upon application, whether or not they have met the Gate 2 criteria*

## How would this be operationalised?

- We would introduce duplication checks at Gate 2 i.e. Customers will only be checked against duplicates when they apply for Gate 2.
- Duplicate check will be against other projects already within the Gate 2 pool.
- This process will apply to both customers already in the contracted background and new customers.
- No retrospective LoA application for projects already within the contracted background.

## What is the consequence for those found to be duplicates?

- Projects with duplicate LoAs (so long as they are valid LoAs) will still be able to enter Gate 1.
- Should a duplicate project apply for Gate 2, they will be deemed to have not met the criteria for Gate 2. (subject to liaison between applicant and ESO).

# LoA & Duplication Checks Update – Self Certification Approach

Duplication checks will follow self-certification approach alongside other Gate 2 criteria (specific element highlighted in yellow below)

## Gate 2 Evidence

### Self-Certification Approach

- Self-Declaration Letter must be signed by a director and must show:
  - Date achieved Gate 2 Criteria.
  - Red line boundary for site, and confirmed to align with minimum land density requirements.
  - Land status information i.e. whether land already owned or leased (for the operational life of the project), or whether an option agreement in respect of lease or purchase.
    - If not already owned/leased, parameters of length of option agreement in respect of lease or purchase.
      - (If applicable) Parameters of length of lease (and that this or any extension will cover the operational life of the project).
  - Statement that to your best knowledge, no-one else has rights over the land and that it does not overlap in relation to mutual exclusive usage.
  - Upload evidence they have secured Land (as per Queue Management Milestone M3 apart from iv)
- CMP435 only
  - Developers can also identify on this Self-Declaration Letter if they wish to advance current contracted connection date and if so to which connection date, if possible.
  - Not retrospectively applying the option requirements to those who have achieved land options [by the Implementation Date/Date that the CMP435 Proposal was raised] but there will be an ongoing requirement for the developer to keep the land under option by seeking further agreements with the landowner until the Completion Date.

Gate 2 duplication check requirement will apply to both new projects, and those already in the contracted background

### Letter of Authority

- Requirement will not be applied retrospectively.
- No LoA duplication checks at Gate 1

ESO propose that a template will be created to facilitate this process and this will be mirrored across Transmission and Distribution and there will be accompanying guidance

# Gate 2 Criteria Updates

Paul Mullen - SME

# Gate 2 Criteria and Ongoing Compliance Update

Any Option agreement (taking into account any contractual rights to extend the option period or rent free periods) should as a minimum be 3 years. There will be an ongoing requirement for the developer to keep the land under option by seeking further agreements with the landowner until the Completion Date.

Ongoing Compliance – Land (Red Line Boundary Checks) – see further slide

Note: as agreed at CMP434 on 1 July 2024, we will set out an example for hybrid sites

Ongoing Compliance – Planning (period from Gate 2 Offer acceptance to submission of application for planning consent based on planning type)

Note: we will include in the illustrative examples we have previously shared, examples for staged sites (both same technology and different technologies)



Confirms the position we will present as part of CMP434 Workgroup Consultation. Will be same for CMP435 apart from we won't set minimum land option lengths where land option already agreed

# Secured Land: Ongoing Compliance

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. For example

## Example 1

1,000 MW TEC

- Build 500 MW in the Original Red Line Boundary.
- Noting the allowance for 50% on top of what is within the Original Red Line Boundary, that means a maximum of 250 MW (of the 500MW within the Original Red Line Boundary) will be allowed outside the Original Red Line Boundary
- Therefore TEC will be reduced to 750 MW.
- User will need to reapply for the other 250MW

## Example 2

▪ 1,000 MW TEC

- Build 667 MW in the Original Red Line Boundary.
- Noting the allowance for 50% on top of what is within the Original Red Line Boundary, that means a maximum of 333 MW (of the 667MW within the Original Red Line Boundary) will be allowed outside the Original Red Line Boundary.
- No TEC Reduction

## Example 3

▪ 1,000 MW TEC

- Build 700 MW in the Original Red Line Boundary.
- Noting the allowance for 50% on top of what is within the Original Red Line Boundary, that means a maximum of 300 MW\* (of the 700MW within the Original Red Line Boundary) will be allowed outside the Original Red Line Boundary. *\*The maths suggests 350MW but they only have 300MW of TEC remaining*
- No TEC Reduction

If overall contracted capacity needs to be reduced (e.g. as per Example 1 above) then we would use existing capacity reduction rights under CUSC (introduced by [CAP150](#), but which may need to be amended for this purpose) to reduce capacity to the lower value.

# Period from Gate 2 Offer acceptance to submission of application for Planning Consent

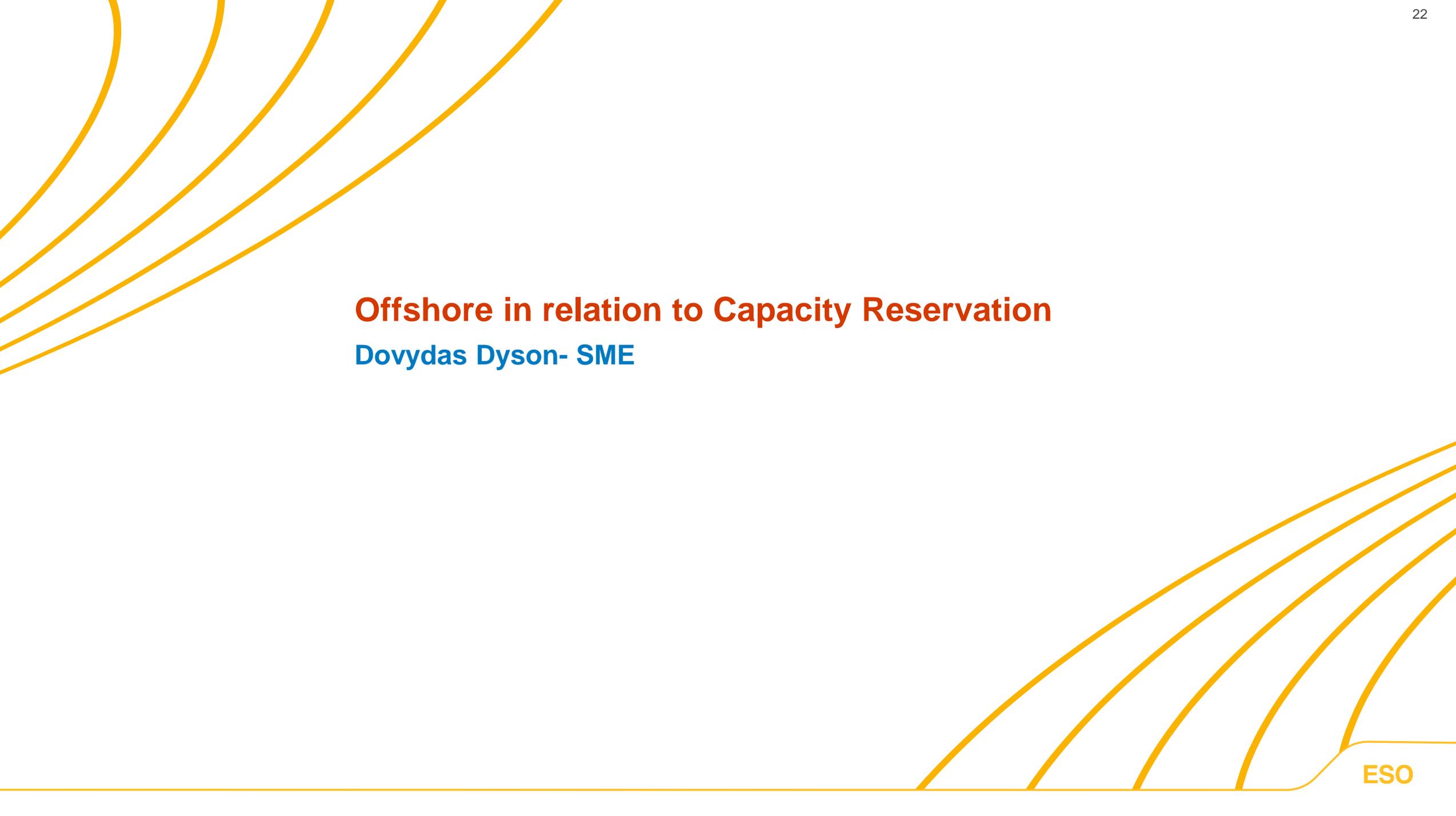
Planning Type	Workgroup provided typical timescales	ESO initial views assuming some land and planning work done in parallel
Town and Country Planning (England, Scotland and Wales)	1.5 years	1 year
Section 36 (Scotland)	1.5 years	1 year
Development of National Significance (Wales - akin to NSIP)	2 years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



Note we have asked DNV to do some work to help us verify these timescales- if available before Workgroup Consultation we will include

# Query Log Review

Alice Taylor - ESO



# Offshore in relation to Capacity Reservation

Dovydas Dyson- SME

# Offshore in relation to Capacity Reservation

- At a recent 434 WG it was noted that offshore projects may go through design co-ordination based on the offshore applications in a relevant batch.
- ESO may then reserve the bays (as noted in the Reservation and NESO Designation Interactions session) and capacity in order to allow for this co-ordinated design to be effective.

## Offshore Leasing implications in WG 435

- Expected that majority of projects will have met Gate 2 (seabed lease awarded and signed e.g. Scotwind) and as such will keep their date, queue – can apply for advancement.
- If Gate 2 is not met, if removing position and date is detrimental to co-ordinated design (e.g. HND) ESO will temporarily remove the queue and capacity from offer, but will continue to reserve it until end of longstop date. No date advancement application possible. If customer signs Gate 2 offer in time, queue and capacity will be reinstated in the Gate 2 offer.
  - If this does not happen by longstop date, offer terminates, capacity is released.
- If Gate 2 is not met, if removing position and date is not detrimental to co-ordinated design, queue and capacity will be removed and released, project will go into Gate 1 and will be studied on the basis of its Gate 2 application if and when it does so (within longstop)
- Similarly, ESO may reserve the bays / capacity to protect a design recommendation (e.g. HNDFUE) pending a leasing round outcome e.g. Celtic Sea and subject to the winners of the leasing round applying for and signing their agreement.

## Interconnectors / OHAs implications in WG 435

- If the project has met Gate 2 criteria, will keep their date, queue – can apply for advancement.
- If not met Gate 2, ESO will temporarily remove the queue and capacity from offer, but will continue to reserve it until end of longstop date. No date advancement application possible. If customer signs Gate 2 offer within longstop, queue and capacity will be reinstated in the Gate 2 offer.
  - If this does not happen by longstop date, offer terminates, capacity is released.
- To avoid the circularity of needing POC to apply for Gate 2, but needing to apply for Gate 2 to confirm POC, even if project has not met Gate 2, they will retain their onshore converter station POC to enable them to obtain their land rights, subject to longstop.

# Action Review

Elana Byrne – ESO Code Administrator

Action number	Workgroup Raised	Owner	Action	Comment	Due by	Status
2	WG1	AT	Document that charging and user commitments will be out of scope for CMP435		N/A	Open
12	WG2 (amended WG4)	LH/AC	Discuss possibility of further impact assessment (RFI data). Discuss impact assessments of solution options in terms of effects on the current and future queue.	ESO have confirmed that they will not pursue the use of consultants at this time	Ongoing	Open
14	WG2	AT/PM	Update WG topics	Further updates to be made post WG4	Ongoing	Open
16	WG2	LH	Look into securities for offers	To be referenced in WG6 - update TBC	Jun-24	Open
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	Ongoing	Open
28	WG4	PM	Work through different scenarios for progressing/not progressing through the Gates (accept, reject, refer) considering conditions such as restrictions on availability		Ongoing	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

Action number	Workgroup Raised	Owner	Action	Comment	Due by	Status
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.	Obligations to publish are TBC and would need to be set out in future within licence and/or methodology.		Propose to close
45	WG6	RM	Confirm when NESO designation guidance is likely to be finalised ( NESO Designation Methodology, CND Methodology and Gate 2 Criteria Methodologies)		Ongoing	Open
49	WG7	RP	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	Ongoing	Open
51	WG7	LH	To update on guidance on transitional arrangements for staged projects	To be covered in WG10	WG10	Open
53	WG7	Code Gov	Update slide 57 from WG7 for wording relating to alternatives and the need for a defect		Ongoing	Propose to close
54	WG8	PM	5th option to manage risk of early planning submissions to be added to the list (rectification period)	Done and will be within WG consultation		Propose to close
55	WG8	PM	Forward looking milestones illustrative examples for staged offers (same and different technologies)	Aim for 5 July (but will try for 3 July)		Open
56	WG8	MO	Clarification with legal regarding guidance and introduction of any new obligations		Ongoing	Open

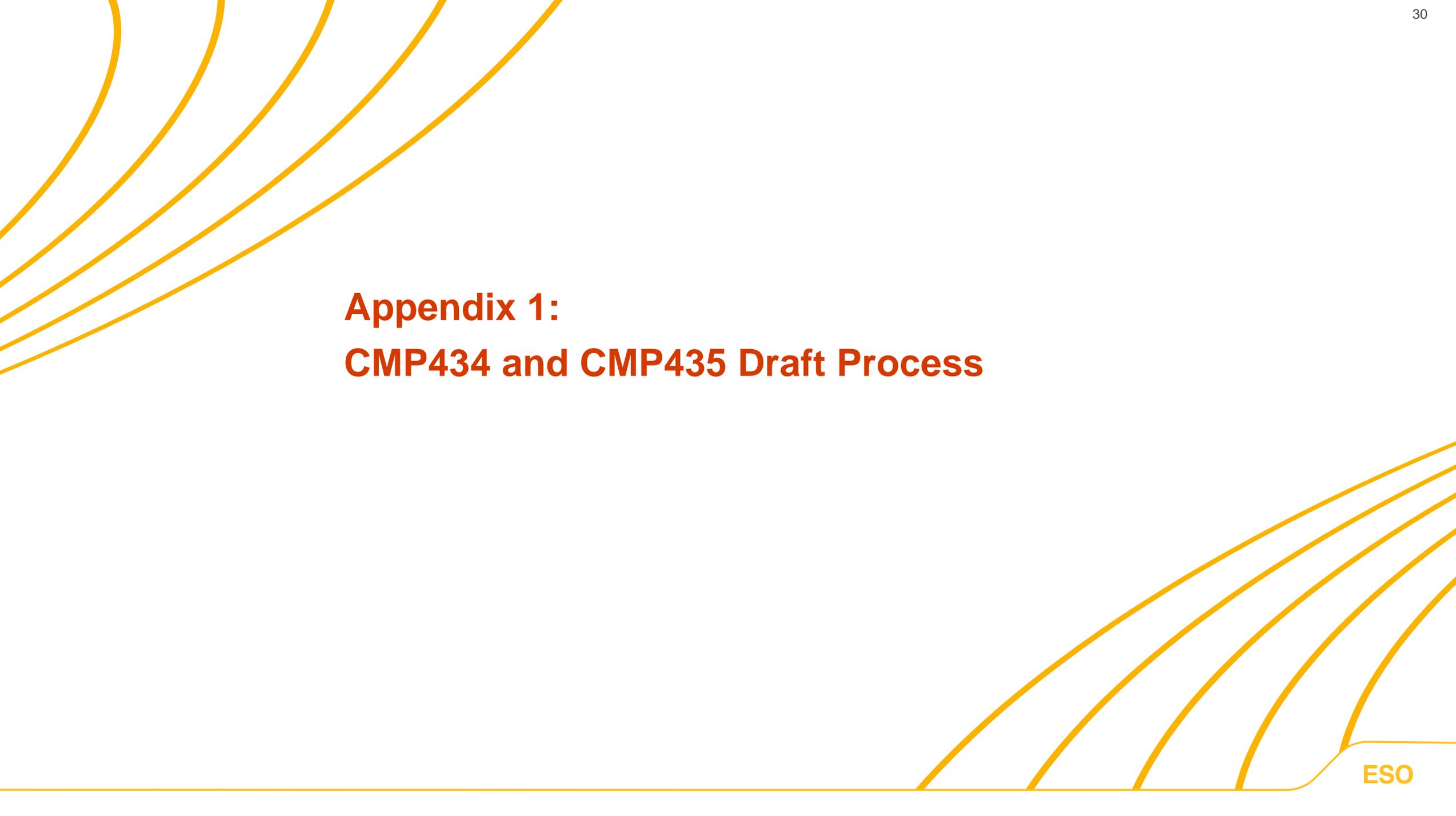
Action number	Workgroup Raised	Owner	Action	Comment	Due by	Status
57	WG8	MO	ESO set out the processes and timing for determining liability and security for April 2025 and October 2025		Ongoing	Open
58	WG8	HM	ESO set out how the new fast track process fits within the existing disputes/escalation processes of the CUSC and Transmission Licence		WG9	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.	Under consideration	WG10	Open
62	WG8	PM	ESO to enquire with Ofgem about them setting a % evidence check level.	Will initiate with Ofgem before 3 July to get their view on potential role for Ofgem here.	Ongoing	Open

# **Any Other Business**

**Elana Byrne – ESO Code Administrator**

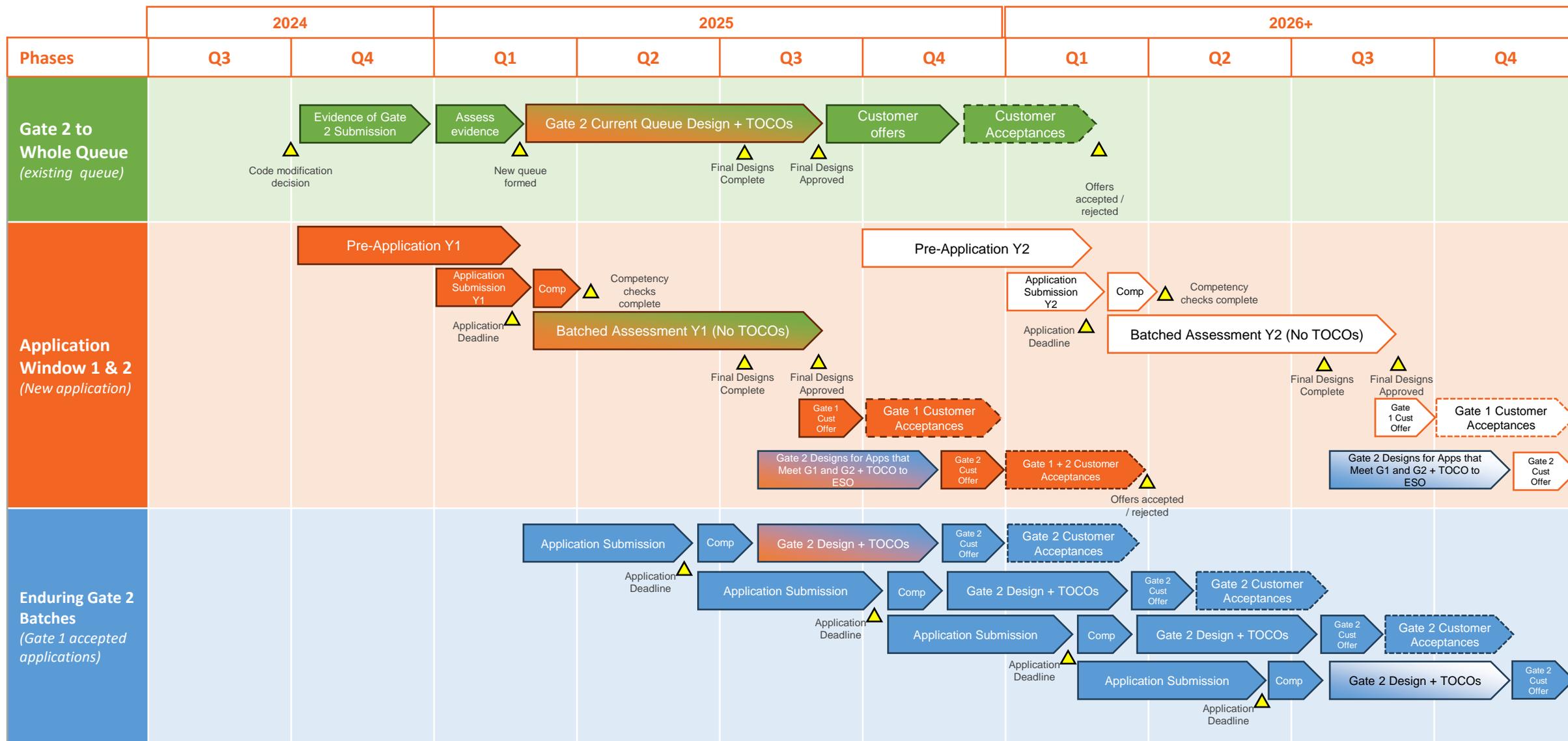
## Next Steps

Elana Byrne – ESO Code Administrator



## **Appendix 1: CMP434 and CMP435 Draft Process**

# Process and Timeline



**Key:** Phase Interdependent activities Phase interdependent activities Phase interdependent activities Milestone

## **Appendix 2: 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 3:**  
**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	% of WG (based on current WG planned)
Workgroup Member	Andy Dekany	NGV	Interconnector	40%
Workgroup Member	Jonathan Wood	Tarchon Energy	Interconnector	0%
Workgroup Member	Phillip Robinson	ITPEnergised	Other – not disclosed	0%

\* Confirmation pending for nomination by a Schedule 1 CUSC party

## 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