See below the tracklist of CUSC (Connection Use of System Code) Modification Proposals (CMP) that have been put together by the Association of Renewable Energy and Clean Technology (REA)

The CUSC modification codes (CMP) are modifications that refer to the commercial arrangements for connecting to and using the transmission network whereas grid code (GC) modifications is about changes to technical and safety requirements for system users to use the electricity transmission system

Tip: **CTRL + F** can be a useful tool for searching for and finding information on a specific grid modification that you're looking for

TRACKLIST OF GRID MODIFICATION UPDATES

Grid Modification - CMP	What is being proposed?	What stage is the proposal at?	Has it been approved?	Technologies or parties affected	Date of implementation	Link to find out more
CMP324	The CUSC requires that generation zones, used for Transmission Network Use of System (TNUoS) tariff setting, are reviewed at the start of each price control period. This CMP seeks to change the zones and the underlying methodology used to establish them. CMP325 was raised to widen the defect of CMP324 - WACM 2 of CMP325 was approved and CMP324 was rejected	Final Modification Report	No	All power generators	01-Apr-21	Here
CMP325	The CUSC requires that generation zones, used for Transmission Network Use of System (TNUoS) tariff setting, are reviewed at the start of each price control period. This CMP seeks to change the zones and the underlying methodology used to establish them. CMP325 was raised to widen the defect of CMP324 - WACM 2 of CMP325 was approved and CMP324 was rejected	Implementation	Yes	All power generators	01-Apr-21	Here
CMP363	Seeks to clarify the TNUoS Demand Residual charging arrangements for transmission connected sites that have a mix of Final and non-Final Demand	Implementation	Yes	Transmission connected sites with a mix of Final and non-Final Demand, ESO, Elexon	01-Apr-23	Here
CMP364	support CMP363 by changing Section 11 to add/amend/remove definitions as needed	Implementation	Yes	Transmission connected sites with a mix of Final and non-Final Demand, ESO, Elexon	01-Apr-23	Here
CMP376	Implement queue management process in to CUSC and ESO to have the right to terminate contracted projects which are not progressing against agreed milestones	Implementation	Yes	All power generators	27-Nov-23	Here
CMP398	GC0156 proposal will place new obligations, within the Grid Code, upon CUSC Parties who are not contracted with the ESO as Restoration Service Providers. CMP398 proposes to introduce a codified cost recovery mechanism to prevent the affected parties being commercially disadvantaged by the implementation of the new obligations	Implementation	Yes	All power generators & Suppliers	29-Feb-24	Here
CMP412	Facilitate the implementation of CMP398 and proposes a small change to Section 14 (BSUoS) to ensure that any validated costs arising via the CMP398 solution are recovered (as happens today with black start costs via BSUoS.	Implementation	Yes	All power generators, Suppliers & Customers	29-Feb-24	Here
CMP427	Letter of Authority (LoA) should be required for new Onshore Transmission Connection Applications	Implementation	Yes	Onshore power generators	28-Mar-24	Here
CMP428	Certain circuits within the Holistic Network Design (HND) to be onshore transmission (reinforcement). This modification aims to define the User Commitment liabilities for Generators connected via onshore transmission (reinforcement) within the HND	Implementation	Yes	Offshore generators	14-Jun-24	Here
CMP436	Replace the Electricity Arbitration Association (EAA) and replace them with the London Court of International Arbitration (LCIA) from non charging sections of the codes	Final Modification Report	No	CUSC users	30-Aug-24	Here
CMP437	Replace the EAA with the London Court of International Arbitration from Section 14 of the CUSC	Final Modification Report	No	CUSC users	30-Aug-24	Here
CMP286	Improve the predictability of TNUoS demand charges by bringing forward the date at which the target revenue used in TNUoS tariff setting is fixed to allow customer prices to more accurately reflect final TNUoS rates	Final Modification Report	No	Suppliers, ESO, Transmission Owners & Consumers	30-Sep-24	Here
CMP438	Minor clarifications and corrections to the Connection and Use of System Code (CUSC) paragraph 14.25, which provides an illustrative example of a Transmission Network Use of System charge (TNUoS) demand reconciliation. It does not affect users' charges.	Draft Final Modification Report	No	Suppliers, Embedded Generators, Electricity System Operator	03-Oct-24	Here
CMP434	Introduces new connection reform processes and definitions that will update the existing processes and enable projects that are most ready to progress more rapidly to connection	Work Group Consultation	No	All power generators	01-Jan-25	Here
CMP435	Applying a project milestone / criteria ("Gate 2") to all existing contracted parties before they are provided with confirmed connection dates and locations	Work Group Consultation	No	All power generators	01-Jan-25	Here
TMO4+	ESO's initial proposal to extend its "First Ready, First Connected" mechanism to existing connection contracts in its transmission queue	Proposal Form	No	All power generators	01-Jan-25	Here
CMP430	Customers to be segemented by the new Market Half-hourly Settlement (MHHS) design data items so that sites are segmented between two different charging methodologies to reduce the risk of sites being double charged in the new MHHS Target Operating Model (TOM)	Final Modification Report	No	Suppliers, Embedded generators, Transmission connected demand, ESO	01-Apr-25	Here
CMP418	Socialise Dynamic Reactive Compensation Equipment (DRCE) costs through wider TNUoS charges. Instead of the current system where offshore wind farm generators both (i) provide upfront capital costs for the DRCE before transferring to OFTO and (ii) cover the cost of DRCE via the offshore local circuit tariff for the lifetime of the project	Final Modification Report	No	Offshore wind farm generators	01-Apr-25	Here
CMP413	Obligation on the ESO to publish generation tariffs for a rolling 10-year duration and provide the clarity to Users and developers on commercial decisions to support delivery of low carbon infrastructure (across generation and network) at least cost for consumers	Final Modification Report	No	Generators, Suppliers, ESO, Demand Users, Consumers	01-Apr-25	Here
CMP392	To provide stakeholders with legal certainty and transparency of the Methodology and process that ESO would apply	Implementation	Yes	ESO, Generators liable for TNUoS with consequential effect on Suppliers	01-Apr-25	Here
CMP424	Introduce a mechanism which sets a lower limit on the variable generation scaling factors used for the purpose of Year-Round Background tariff calculation. This is to address a defect in current methodology which, without any change, could calculate negative scaling factors within the next few years.	Final Modification Report	No	Generators, Transmission System Operators, Interconnectors	01-Apr-25	Here
CMP411	Introduce Anticipatory Investment (AI) and a mechanism for the recovery of AI costs within the Section 14 charging methodologies	Implementation	Yes	ESO, Offshore Generators, Offshore Transmission Owners, Demand customers	01-Apr-25	Here
CMP316	Develop a cost-reflective methodology to allow the CUSC charging arrangements to accommodate the growing number of multi-technology sites	Final Modification Report	No	Co-located power generators	01-Apr-25	Here
CMP420	Allow interest to be applied to over and under BSUoS revenue recovery amounts and creation of BSUoS fund - currently this proposal has been withdrawn	Work Group Consultation	No	Suppliers	01-Apr-25	Here
CMP315	The expansion constant is a key input in setting the value of the locational element of transmission network use of system charges. The proposal would review how the expansion constant is determined so that it best reflects the costs involved.	Final Modification Report	No	Users who pay TNUoS charges, ESO, Transmission Owners (onshore & offshore)	01-Apr-25	Here
CMP396	Re-introduction of BSUoS on Interconnector Lead Parties to reflect BSUoS is an energy management cost and not a transmission access charge (Has recently been rejected by the authority).	Final Modification Report	No	Interconnector Lead Parties and Customers, Suppliers, Generators, ESO	01-Apr-25	Here
CMP375	Amend the calculation of the Expansion Constant & Expansion Factors to better reflect the growth of and investment in the National Electricity Transmission System (NETS)	Final Modification Report	No	Users who pay TNUoS charges, ESO, transmission owners (offshore & onshore)	01-Apr-25	Here
CMP393	Alter the definition of Annual Load Factor with respect to electricity storage, taking into account imports as well as exports. Here, 'electricity storage' refers to all storage that has booked Transmission Entry Capacity (i.e. pumped and battery)	Final Modification Report	No	Storage Operators, Transmission Owners, ESO	01-Apr-25	Here

Key: Stages of a Grid Modification	
Proposal Form	This is the initial explanation from the organisation that proposes a code modification on what is wrong, what needs to be changed and what they think the solution is to the proposed issue. All stakeholders are welcome to propose a code modification by getting in touch with experts from ESO via their email, code.administrator@nationalgrideso.com, and filling out the proposal form, which can be downloaded from the ESO website.
Work Group Consultation	ESO gathers a workgroup comprised of industry experts who are likely to be affected by the code modification to get their professional opinion and how, if needed, the code modification should be altered. The workgroup consultation records all of their views regarding the proposal.
Work Group Report	Following the Workgroup consultation a report is brought out detailing all of the work groups alternative suggestions to the code modification.
Code Administrator Consultation	The Code Administrator Consultation, consults to wider industry to hear their opinions on the code modification proposal and the alternatives brought forward by the workgroup.
Draft Final Modification Report	The draft final modification report consolidates all the views on the code modification proposal from the workgroup and industry and makes a final decision on what the solution could look like.
Final Modification Report	The Final Modification Report is the last iteration for what the code modification should look like before an authority decision is made.
Implementation	When the code modification is approved, a date, if possible, in the future is given for the date of implementation.

Grid Modification - CMP	What is being proposed?	What stage is the proposal at?	Has it been approved?	Technologies or parties affected	Date of implementation	Link to find out more
CMP397	Changes to Section 14 of the CUSC. CMP397 facilitates CMP316 and proposes consequential changes to CUSC Exhibits B & D.	Final Modification Report	No	Co-located Generators and ESO	01-Apr-25	Here
CMP432	Improve cost reflectivity of the "Locational Onshore Security Factor" used in calculating Wider TNUoS tariffs so that charges better reflect how Transmission Owners plan for a secure future network based on the Security and Quality of Supply Standard requirements	Proposal Form	No	Generators and Suppliers	01-Apr-26	Here
CMP423	Reference Node: generation weighted instead of demand weighted	Proposal Form	No	Generators and Demand Users	01-Apr-26	Here
CMP419	This modification seeks to review the existing generation zoning methodology to incorporate offshore assets connected as part of the Holistic Network Design (HND) to enable the wider tariff to be applied to offshore generators. It also seeks to revisit the issue of zoning further to the expectations set out as part of the Authority decision on CMP324 and CMP325	Proposal Form	No	National Grid ESO and parties liable for TNUoS charges	01-Apr-27	Here
CMP433	Optimised Transmission Investment Cost model (OpTIC) replaces the Transport component of the Transport and Tariff (T&T) model with an economic market model that reflects proposed network investment, creating charges that aim to leave a market participant in the expected position that they would have been in had they been operating in a zonal wholesale market with assumed optimal network investment	Proposal Form	No	Suppliers, Generators and Demand customers	01-Apr-28	Here
CMP403	Introduce the concept of Competitively Appointed Transmission Owners (CATO's) and Transmission Service Providers for the purposes of introducing Early Competition for the design, build and ownership of Onshore Transmission assets	Final Modification Report	No	ESO, Transmission Owners, Generators, Transmission System Operators	10 working days after authority decision	Here
CMP404	Extend the principles of CUSC Section 15 "User Commitment Methodology" to Users on Final Sums methodology, resulting in all Users being on the User Commitment Methodology. This will introduce equitable treatment across User groups and reduce barriers to entry as a User's security amount will better reflect the transmission liabilities they impose should they cancel connection or reduce capacity	Final Modification Report	No	ESO, Transmission Owners, Generators, Transmission System Operators	10 working days after authority decision	Here
CMP417	Reforms to commercial Reactive Power services that, in the Proposer's view would create new opportunities for providers	Proposal Form	No	All Network Operators	10 working days after authority decision	Here
CMP304	Introduce explicit charging arrangements to recover additional costs incurred by Transmission Owners and TNUoS liable parties as a result of transmission works undertaken early due to a User initiated delay to the Completion Date of the works, or to facilitate a backfeed. CMP289 introduces changes to non-charging sections of the CUSC to support CMP288	Work Group Consultation	No	ESO and providers of reactive power	10 working days after authority decision	Here
CMP288	introduce explicit charging arrangements to recover additional costs incurred by Transmission Owners and TNUoS liable parties as a result of transmission works undertaken early due to a User initiated delay to the Completion Date of the works, or to facilitate a backfeed. CMP289 introduces changes to non-charging sections of the CUSC to support CMP288	Final Modification Report	No	Transmission Owners, Developers, Interconnectors or Demand Connections	10 working days after authority decision	Here
CMP289	Amend the CUSC Section 14 to allow contestability in the construction of connection assets and remove the link between contestability eligibility and TNUoS charging which creates a limit on contestable	Work Group Consultation	No	Transmission Owners, Developers, Interconnectors or Demand Connections	10 working days after authority decision	Here
CMP330	Amend the CUSC Section 14 to allow contestability in the construction of connection assets and remove the link between contestability eligibility and TNUoS charging which creates a limit on contestable connections of 2km	Final Modification Report	No	New Transmission connected Users and Transmission Owners	TBC	Here
CMP374	This modification is a consequential modification for CMP408, which looks at a change to a definition in Section 11. Amending the Fixed Price Period from 6 months to 12 months.	Final Modification Report	No	New Transmission connected Users and Transmission Owners	TBC	Here
CMP415	This is a consequential Modification proposal that enacts the Workgroup solution from CMP330/374, by updating Exhibit B, Section 2 and Section 11 of the CUSC	Final Modification Report	No	Demand Users, Suppliers & ESO	TBC	Here
CMP414	Following the approval of CMP361 WACM 3, of an ex ante fixed BSUoS tariff with a 9 month notice and 6 month fix. Ofgem have stated that there is a need to amend the notice periods and therefore, this modification seeks to amend the notice period to a 3 month notice period	Final Modification Report	No	Generators, Transmission Owner and ESO	TBC	Here
CMP408	Changes to the current User Commitment provisions as detailed within CUSC Section 15 are required to introduce the Anticipatory	Final Modification Report	No	Final Demand Users, Suppliers, ESO	TBC	Here
CMP402	Clarifies that the allowed revenue for Transmission Owners recovered from Transmission Users under the Charging Methodologies is fixed for each onshore	Work Group Consultation	No	ESO, Offshore Generators, Offshore Transmission Owners, Consumers	TBC	Here
CMP344	An appropriate process to be utilised when any connection triggers a Distribution impact assessment. Ensuring the process in place for such connections, best reflects the necessary	Final Modification Report	No	Transmission Owners, Generators, Suppliers & ESO	TBC	Here
CMP328	Separate out the demand Year Round locational signals from Peak Security locational Signals and charge (reward) Storage which imports during times other than Triads, i.e. When Wind	Final Modification Report	No	All Network Operators, ESO, Transmission Users	TBC	Here
CMP405	Generation is fully operating	Proposal Form	No	Storage Operators, Transmission System Operators, Transmission Owners	TBC	Here

See below some Grid Code (GC) Modifications and for the full directory of Grid Code Modifications please click here

Grid Modification - Grid Code	What is being proposed?	What stage is the proposal at?	Has it been approved?	Technologies or parties affected	Date of implementation	Link to find out more
GC0156	National Grid's Electricity System Operator's Transmission Licence implementing an Electricity System Restoration Standard (ESRS) which requires 60% of electricity demand to be restored within 24 hours in all regions and 100% of electricity demand to be restored within 5 days nationally. The ESO is proposing a number of changes to the Grid Code to facilitate these requirements	Implementation	Yes	Generators, Transmission System Operators, Interconnectors, Transmission Owners, DNOs	05-Feb-24	Here
GC0163	Clarify the Grid Code with regard to the treatment of Virtual Impedance as defined within a Grid Forming Plant	Final Modification Report	No	Generators, Manufacturers and Interconnectors	05-Jul-24	Here
GC0117	Creation of a pan-GB commonality of Power Station requirements	Final Modification Report	No	Transmission Owners (including offshore), Interconnectors, DNOs, Transmission System Users System Operator and Generators	10 working days after authority decision	Here
GC0159	Introduce the concept of Competitively Appointed Transmission Owners (CATOs) to the Grid Code to enable Onshore Network Competition for the design, build and ownership of Onshore Transmission assets	Final Modification Report	No	NGESO & Transmission Owners	10 working days after authority decision	Here

Key: Stages of a Grid Modification