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Code Administrator Consultation Response Proforma

GC0139: Enhanced Planning–Data Exchange to Facilitate Whole System Planning

Industry parties are invited to respond to this consultation expressing their views and supplying the rationale for those views, particularly in respect of any specific questions detailed below.

Please send your responses to grid.code@neso.energy by **5pm** on **06 February 2026**.

Please note that any responses received after the deadline or sent to a different email address may not receive due consideration.

If you have any queries on the content of this consultation, please contact grid.code@neso.energy

Respondent details	Please enter your details	
Respondent name:	Phil Moseley	
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Which best describes your organisation?	<input type="checkbox"/> Consumer body <input type="checkbox"/> Demand <input checked="" type="checkbox"/> Distribution Network Operator <input type="checkbox"/> Generator <input type="checkbox"/> Industry body <input type="checkbox"/> Interconnector	<input type="checkbox"/> Storage <input type="checkbox"/> Supplier <input type="checkbox"/> System Operator <input type="checkbox"/> Transmission Owner <input type="checkbox"/> Virtual Lead Party <input type="checkbox"/> Other

I wish my response to be:

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(Please mark the relevant box)	<input checked="" type="checkbox"/> Non-Confidential (<i>this <u>will be shared</u> with industry and the Panel for further consideration</i>)
	<input type="checkbox"/> Confidential (<i>this will be disclosed to the Authority in full but, unless specified, <u>will not be shared</u> with the Panel or the industry for further consideration</i>)

For reference the Applicable Grid Code Objectives are:

- i. To permit the development, maintenance and operation of an efficient, coordinated and economical system for the transmission of electricity
- ii. Facilitating effective competition in the generation and supply of electricity (and without limiting the foregoing, to facilitate the national electricity transmission system being made available to persons authorised to supply or generate electricity on terms which neither prevent nor restrict competition in the supply or generation of electricity);
- iii. Subject to sub-paragraphs* (i) and (ii), to promote the security and efficiency of the electricity generation, transmission and distribution systems in the national electricity transmission system operator area taken as a whole;
- iv. To efficiently discharge the obligations imposed upon the licensee by this license* and to comply with the Electricity Regulation and any relevant legally binding decisions of the European Commission and/or the Agency; and
- v. To promote efficiency in the implementation and administration of the Grid Code arrangements

* See Electricity System Operator Licence

For reference, (for consultation question 4) the Electricity Balancing Regulation (EBR) Article 3 Objectives and regulatory aspects are:

- a) fostering effective competition, non-discrimination and transparency in balancing markets;
- b) enhancing efficiency of balancing as well as efficiency of national balancing markets;
- c) integrating balancing markets and promoting the possibilities for exchanges of balancing services while contributing to operational security;

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- d) *contributing to the efficient long-term operation and development of the electricity transmission system and electricity sector while facilitating the efficient and consistent functioning of day-ahead, intraday and balancing markets;*
- e) *ensuring that the procurement of balancing services is fair, objective, transparent and market-based, avoids undue barriers to entry for new entrants, fosters the liquidity of balancing markets while preventing undue market distortions;*
- f) *facilitating the participation of demand response including aggregation facilities and energy storage while ensuring they compete with other balancing services at a level playing field and, where necessary, act independently when serving a single demand facility;*
- g) *facilitating the participation of renewable energy sources and supporting the achievement of any target specified in an enactment for the share of energy from renewable sources.*

What is the EBR?

The Electricity Balancing Regulation (EBR) is a European Network Code introduced by the Third Energy Package European legislation in late 2017.

The EBR regulation lays down the rules for the integration of balancing markets in Europe, with the objectives of enhancing Europe's security of supply. The EBR aims to do this through harmonisation of electricity balancing rules and facilitating the exchange of balancing resources between European Transmission System Operators (TSOs). Article 18 of the EBR states that TSOs such as the NESO should have terms and conditions developed for balancing services, which are submitted and approved by Ofgem.

Please express your views in the right-hand side of the table below, including your rationale.

Standard Code Administrator Consultation questions

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1	Please provide your assessment for the proposed solution(s) against the Applicable Objectives against the current baseline.	<p>Mark the Objectives which you believe the proposed solution better facilitates than the current baseline:</p> <table border="1"> <tr> <td data-bbox="598 495 855 616">Original</td><td data-bbox="855 495 1417 616"> <input checked="" type="checkbox"/>i <input type="checkbox"/>ii <input checked="" type="checkbox"/>iii <input checked="" type="checkbox"/>iv <input checked="" type="checkbox"/>v <input type="checkbox"/>None </td></tr> </table> <p>The proposed solution to use CIM provides a more efficient means of data exchange than the original solution (iv and v).</p> <p>The increased scope and granularity of the proposed solution also enables the more efficient planning of the whole system (i and iii).</p> <p>Click or tap here to enter text.</p>	Original	<input checked="" type="checkbox"/> i <input type="checkbox"/> ii <input checked="" type="checkbox"/> iii <input checked="" type="checkbox"/> iv <input checked="" type="checkbox"/> v <input type="checkbox"/> None
Original	<input checked="" type="checkbox"/> i <input type="checkbox"/> ii <input checked="" type="checkbox"/> iii <input checked="" type="checkbox"/> iv <input checked="" type="checkbox"/> v <input type="checkbox"/> None			
2	Do you support the proposed implementation approach?	<p><input checked="" type="checkbox"/>Yes</p> <p><input type="checkbox"/>No</p> <p>We broadly support the proposed implementation approach for GC0139. The development of a more efficient exchange of planning data between NESO and Network Operators is a necessary step given increasing system complexity and the growing need for accurate, granular information. The proposal also aligns with the wider industry adoption of CIM for the exchange of power system data.</p> <p>Despite our overall support, the target implementation date of January 2027 presents significant challenges. Experience with of development in LTDS CIM has highlighted challenges with: vendor readiness, industry-wide resource constraints, identification of technical requirements, and development of CIM extensions and deviations. Further, improvements to internal tools and</p>		

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		processes have been necessary to facilitate the additional data included in the data exchange.
3	Do you have any other comments?	<p>The proposed January 2027 implementation date is not realistically achievable due to the required development of CIM profiles, software vendor development times, and internal process and tool improvements.</p> <p>We support the revised implementation date of January 2028 proposed by ENA on behalf of its members. This is based on several key assumptions:</p> <ul style="list-style-type: none"> • Early establishment of technical requirements through an ENA GC0139 CIM Work Group; • Availability of CIM experts within NESO, Network Operators and wider industry, to co-develop GC0139 CIM profiles and artefacts; • Engagement and readiness of power system software vendors to implement the new CIM profiles; • Development of suitable Network Operators internal tools and processes to support additional data scope. <p>While this revised implementation date is more realistic, PC3.1.1.2 provides some mitigation should any of the underlying assumptions not materialise, as it enables NESO and Network Operators to agree an alternative implementation date.</p> <p>Additionally, the number of Excel-based schedules required by the proposal risks becoming burdensome to populate and maintain. Consequently, we would support a review of whether this data could be incorporated into a bespoke CIM</p>

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		profile. This would better facilitate its efficient use within power system models.
4	Do you agree with the Workgroup's assessment that the modification does not impact the Electricity Balancing Regulation (EBR) Article 18 terms and conditions held within the Code?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
		<p>Click or tap here to enter text.</p>