

Revision of European Resource Adequacy Assessment Methodology

Overview

In accordance with 69(3) of Regulation (EU) 2019/943, which was inserted by Regulation (EU) 2024/1747, the Electricity Market Design Reform (EMDR) Regulation, the European Commission requested ACER to trigger the procedure for the amendment of the methodology for the European Resource Adequacy Assessment (ERAA). On 16 April, 2025, ACER requested ENTSO-E to develop a proposal for the amendment of the ERAA methodology.

Why your views matter

Pursuant to Art 27(2) of the Electricity Regulation, ENTSO-E is performing a public consultation on its proposal. This public consultation allows all interested parties to submit their opinions on the revised version of the ERAA methodology draft, further ensuring transparency.

As part of its public consultation on the ERAA methodology revision, ENTSO-E is publishing several documents (please see links below):

ENTSO-E's proposed amendments to the ERAA methodology (in 'clean' form, as well as with 'tracked changes' to the current version)

Additional explanatory material explaining the reasons for ENTSO-E's proposed amendments

The high-level aggregated results from its survey to market parties on investment behaviour, conducted from 7 to 28 May 2025

Please note that only responses received via this tool within the public consultation period will be considered.

About you

1 What is your First Name?

First Name *(Required)*

2 What is your Last Name?

Last Name *(Required)*

3 What is your e-mail address?

If you enter your email address then you will automatically receive an acknowledgement email when you submit your response.

Email *(Required)*

4 What is your organisation?

Organisation *(Required)*

What is your affiliation? *(Required)*

Please select only one item

- ☐ EU body
- ☐ Ministry or National Regulatory Authority
- ☐ TSO/DSO
- ☐ Market actor on supply or demand side (e.g. trading, storage, DSR)
- ☐ Academic or research institution
- ☐ NGO
- ☐ Other

5 If you tick this box, we will publish your comments, but we will not publish your name and organisation.

☐ I want my answer to be anonymous.

6 If you tick this box, we will not publish your answer to this consultation. However, your answer, without your name and organization, may be shared with EU and national authorities, drafting committee members, and other persons or entities involved in the adoption process of the consulted document to ensure the performance of ENTSO-E legally mandated tasks.

☐ I do not want my answer to be published.

7 I agree to ENTSO-E's Consultation Hub privacy policy

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☐ I agree to ENTSO-E's Consultation Hub privacy policy *(Required)*

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Proposed amendments to the ERAA Methodology

These questions are about ENTSO-E's draft proposed amendments to the ERAA methodology text, as outlined in the explanatory material. Any reference to specific articles and/or paragraphs refer to the proposed amended version of the methodology, not the version currently in force.

9 Article 1 Subject matter and scope and Article 2 Definitions and interpretation

Do you have any comments regarding ENTSO-E's proposed amendments to Article 1 (Subject matter and scope)?

Do you have any comments regarding ENTSO-E's proposed amendments to Article 2 (Definitions and interpretation)?

Do you have any other comments regarding Articles 1 or 2?

10 Article 3 Scenario framework?

Do you have any comments regarding ENTSO-E's proposal for the additional central reference scenario (Trends & Projections)?

Do you have any comments regarding ENTSO-E's proposal for focusing simulations on a subset of pivotal target years?

Do you have any comments regarding ENTSO-E's proposal to reassign the 'with CM' scenario as a variant?

Do you have any comments regarding ENTSO-E's proposal to remove the obligatory sensitivity regarding restrictions to wholesale price formation?

Do you have any other comments regarding Article 3 (Scenario framework)?

11 Article 4 Resource adequacy assessment

Do you have any comments regarding ENTSO-E's proposal to specify reserve requirements, separately from network constraints, under a separate paragraph?

Do you have any comments regarding ENTSO-E's proposal to allow for more flexibility in methodological approach for hydropower modelling?

Do you have any comments regarding ENTSO-E's proposed changes to the formula in the convergence of the Monte Carlo method?

Do you have any other comments regarding ENTSO-E's proposed changes Article 4 (Resource adequacy assessment)?

12 Article 5 Data collection

Do you have any comments regarding ENTSO-E's proposed changes to ensure the robustness of economic and technical input data to perform EVAs, and reduce the risk of biased outputs?

Do you have any other comments regarding Article 5 (Data collection)?

13 Article 6 Economic Viability Assessment (EVA)

Do you have any comments regarding ENTSO-E's proposal to introduce an alternative form of the revenue-based EVA?

Do you have any comments regarding ENTSO-E's proposal to consider relevant revenues for EVA?

Do you have any comments regarding ENTSO-E's proposal to improve the investor aversion approach?

Do you have any comments regarding ENTSO-E's proposal to introduce 'construction period'?

Do you have any comments regarding ENTSO-E's proposal to retain and enhance flexibility in EVA approaches?

Do you have any other comments regarding Article 6 (EVA)?

14 Article 7 Economic dispatch

ENTSO-E does not propose any significant changes to Article 7 (Economic Dispatch). Nevertheless, if you have any comments on this article, they can be provided below.

15 Identifying adequacy concerns and complementarity between ERAA & NRAAs" (Article 8 and Recitals)

As provided in the Electricity Regulation (Articles 20 and 24), Member States may carry out national resource adequacy assessments (NRAAs) to complement the European Resource Adequacy Assessment (ERAA). To clarify the meaning of complementarity for the reasons outlined in the explanatory note, ENTSO-E proposes changes to Article 8 (Identifying Adequacy concerns) and the recitals of the ERAA methodology, and is seeking stakeholder views.

How would you define the complementarity between the ERAA and NRAA?

In your view, what factors are important to ensure that the ERAA and NRAAs can (i) be treated as equally robust and (ii) support each other effectively in identifying adequacy issues?

Do you have any comments on ENTSO-E's proposal to clarify the meaning of mutual complementarity between the ERAA and NRAAs in the recitals (paragraph 11)?

Do you have any comments regarding ENTSO-E's proposal to allow for the possibility for sensitivities to identify adequacy concerns in Article 8?

Do you have any other comments regarding Article 8 (Identifying an adequacy concern)?

16 Article 9 Stakeholder interaction

ENTSO-E does not propose any significant changes to Article 9 (Stakeholder interaction). Nevertheless, if you have any comments on this article, they can be provided below.

17 Article 10 Assessment process

ENTSO-E does not propose any significant changes to Article 10 (Assessment process). Nevertheless, if you have any comments on this article they can be provided below.

18 Article 11 Transparency requirements

Do you have any feedback regarding ENTSO-E's proposed definition of additional indicators to facilitate comparison of scenarios?

Do you have any feedback regarding ENTSO-E's proposal for additional outputs to be considered as possible input for performing flexibility needs assessment?

Do you have any other comments regarding Article 11 (Transparency requirements)?

19 Article 12 Implementation of the methodology

Do you have any feedback regarding ENTSO-E's proposal of the extension of the implementation period and/or entry into force of the new methodology?

Do you have any other comments regarding Article 12 (Implementation of the methodology)?

20 Recitals

Do you have any other comments regarding ENTSO-E's proposed amendments to the recitals of the methodology (apart from the ERAA-NRAA complementarity parts covered under Q15)?

Questions on additional parameters to support the simplified State aid approval process

As outlined in the accompanying explanatory note, ENTSO-E has not yet proposed amendments to the ERAA methodology regarding these parameters (volumes to procure and de-rating factors), and is seeking input from stakeholders. ENTSO-E welcomes stakeholders' views on how to best facilitate the fast-track approval of CMs under the process set out in the Clean Industrial Deal State Aid Framework (CISAF).

21 Do you think that parameters such as volumes to procure under potential capacity mechanisms and de-rating factors should be computed as part of the ERAA, considering the existing legal framework?

Please select only one item

- ☐ Yes
- ☐ No
- ☐ Not sure

Respondents are invited to elaborate on their answer in this comment box

22 If you answered 'No" in the previous question or in case the calculation of these parameters is not ultimately feasible within the ERAA, what is your view on an alternative approach in which ENTSO-E could make available the relevant data to enable the Member State (or another entity designated by it) to determine these parameters at national level?

Final comments

23 Do you have any other comments for ENTSO-E regarding the ERAA methodology?