

ACER Decision on the methodology and assumptions that are to be used in the bidding zone review process and for the alternative bidding zone configurations to be considered: Annex II

Technical specifications and timeline of the data request for LMP analysis

24 November 2020

1. The Transmission System Operators (TSOs) shall provide the following data items resulting from a Locational Marginal Pricing (LMP) simulation in line with Article 11 of Annex I of Decision No 29/2020:
 - a. nodal price for each node and MTU, in €/MWh;
 - b. cleared generation, storage and demand volumes for each node and MTU, in MW;
 - c. flows on all considered network elements for each MTU, in MW;
 - d. active network constraints for each MTU if any;
 - e. shadow prices associated to the active network constraints, €/MW;
 - f. overall socio-economic welfare resulting from the optimization, in €;
 - g. network model(s) used for the simulations; and
 - h. geographical coordinates of all nodes included in the network model(s).
2. The TSOs shall provide the data items listed in point 1 above in three steps, as follows:
 - a. templates detailing the specific formats to be used by TSOs when delivering the data to ACER and at least one network model used for the simulations, per synchronous area;
 - b. provisional results, covering the number of MTUs specified in Article 11 of Annex I of Decision No 29/2020; and
 - c. final results, covering the number of MTUs specified in Article 11 of Annex I of Decision No 29/2020.
3. The TSOs shall provide the data items listed in point 1 above according to the following deadlines:
 - a. 28 February 2021, for the delivery of templates and at least one network model used for the simulations, per synchronous area;
 - b. 31 May 2021, for the delivery of provisional results; and
 - c. 31 October 2021, for the delivery of the final results of the analysis.
4. In order to ensure robust and timing delivery of the data request, TSOs are recommended to organise, during the LMP simulations, frequent interactions with regulatory authorities and ACER, including:
 - a. discussions and brief consultation on the input data;
 - b. discussions to agree on the specific formats to be used by TSOs when delivering the data to ACER;
 - c. clarifications on the modelling assumptions; and
 - d. discussion and brief consultation on metrics to assess reliability and robustness of the results.