

Article 3 Scenarios

1. When building individual grid models during the year before the year of delivery for the year-ahead capacity calculation time-frame, all TSOs shall jointly develop a common set of scenarios to be used. These scenarios shall respect the principles set out in paragraph (3). Both peak load and valley situations shall be taken into account in an adequate manner. Unless and until these scenarios have been developed, each TSO shall by default use the following scenarios:
 - a. Winter Peak, 3rd Wednesday of January current year, 10:30h (indicative target period: first quarter);
 - b. Winter Valley, 2nd Sunday of January current year, 03:30h (indicative target period: first quarter);
 - c. Spring Peak, 3rd Wednesday of April current year, 10:30h (indicative target period: second quarter);
 - d. Spring Valley, 2nd Sunday of April current year, 03:30h (indicative target period: second quarter);
 - e. Summer Peak, 3rd Wednesday of July previous year, 10:30h (indicative target period: third quarter);
 - f. Summer Valley, 2nd Sunday of July previous year, 03:30h (indicative target period: third quarter);
 - g. Autumn Peak, 3rd Wednesday of October previous year, 10:30h (indicative target period: fourth quarter);
 - h. Autumn Valley, 2nd Sunday of October previous year, 03:30h (indicative target period: fourth quarter).
2. When building individual grid models during the month before the month of delivery for the month-ahead capacity calculation time-frame, all TSOs shall jointly develop a common set of scenarios to be used. These scenarios shall respect the principles set out in paragraph (3). Both peak load and valley situations shall be taken into account in an adequate manner. Unless and until these scenarios have been developed, each TSO shall by default use the following scenarios:
 - a. Peak, 3rd Wednesday of the same month during the previous year, 10:30h;
 - b. Valley, 2nd Sunday of the same month during the previous year, 03:30h.
3. The following principles are applicable to scenarios for long-term time frames that are defined by all TSOs pursuant to paragraph (1) and (2):
 - a. forecast situation for grid topology
 - i. outages, irrespective of the reason for the outage, shall only be modelled if the network element is expected to be unavailable for the entire duration of the time-frame in the case of the year-ahead and month-ahead capacity calculation time-frames;
 - ii. network elements that support voltage control shall be included although they may be switched off for operational reasons;
 - iii. the topology shall reflect the operational situation.
 - b. where structural data change during the time period that the scenario relates to

Deleted: or by the TSOs in a capacity calculation region pursuant to Article 19(1) of Regulation 2016/1719, as the case may be

- i. network elements being added or removed shall be included for the entire duration of the time-frame and shall be removed from the IGM topology in all scenarios where they are not available for at least part of the duration of the time-frame;
 - ii. changes in the characteristics of network elements shall be handled by including those characteristics the use of which is most conservative from the point of view of operational security;
 - c. operational limits
 - i. each TSO shall apply the appropriate limits corresponding to the target season to each network element;
 - ii. for thermal limits, each TSO shall use both PATLs and TATLs.
 - d. with respect to the forecast situation for generation
 - i. for intermittent generation each TSO shall use the most appropriate forecast;
 - ii. for dispatchable generation each TSO shall take into account known outages only and otherwise assume full availability of the generation fleet and adjust forecast generation, taking into account forecast intermittent generation, such that it balances forecast load and grid losses and the net position;
 - e. with respect to the forecast situation for load
 - i. each TSO shall use the best forecast of load;
 - f. with respect to the net position in each bidding zone and the flow for each direct current line
 - i. each TSO shall follow the approach outlined in Article 19.
4. After defining scenarios for long-term time frames pursuant to paragraph (1) or (2), consistent with the principles set out in paragraph (3), all TSOs shall publish detailed descriptions of these scenarios by 15 July of the year preceding the year to which the scenarios apply in the case of year-ahead scenarios and by fifteen days before the beginning of the month to which the scenarios apply in the case of month-ahead scenarios on a freely accessible public website. The publication shall state the period during which these scenarios are to be used by the TSOs. All TSOs shall set up an electronic alert system to ensure that all regulatory agencies are informed about the publication of scenarios at the time of publication at the latest.
5. Where all TSOs wish to define scenarios for long-term time frames pursuant to paragraph (1) or (2), and these scenarios are not consistent with the principles set out in paragraph (3), the TSOs shall request approval of these scenarios by way of a request for amendment of the present methodology.
6. Where all TSOs in capacity calculation regions, where security analysis based on multiple scenarios pursuant to Article 10 of Regulation 2016/1719 is applied, jointly develop a common set of scenarios to be used in the common grid model for each long-term capacity calculation time frame, pursuant to Article 19(1) of Regulation 2016/1719 and these scenarios differ from the scenarios defined by all TSOs referred to in paragraph 1 and 2, respectively, the TSOs outside the capacity calculation regions where security analysis based on multiple scenarios pursuant to Article 10 of Regulation 2016/1719 is applied shall not be obliged to build their individual grid models for scenarios other than the scenarios referred to in paragraph 1 and 2, respectively.

Deleted: or pursuant to Article 19(1) of Regulation 2016/1719

Deleted: or the TSOs in a capacity calculation region, respectively,

Deleted: or the TSOs in a capacity calculation region

Deleted: or pursuant to Article 19(1) of Regulation 2016/1719, respectively,

Deleted: the TSOs within a capacity calculation region define scenarios for the year-ahead or month-ahead capacity calculation time-frame