

SECOND PENTALATERAL GENERATION ADEQUACY ASSESSMENT *Common statement by the Ministries*

Today, the second edition of the Pentalateral Generation Adequacy Assessment has been published by the Transmission System Operators (TSO) in the Pentalateral Energy Forum. This adequacy assessment represents a further evaluation of the electricity security of supply from a regional perspective. The Penta TSOs herewith jointly assess generation adequacy on a regional scale covering Austria, Belgium, France, Germany, Luxembourg, the Netherlands and Switzerland.

The first edition of the Pentalateral Generation Adequacy Assessment was published in 2015. For this new edition, the Ministries competent for energy in the Pentalateral Energy Forum requested the TSOs to further improve the methodology. This second Pentalateral Generation Adequacy Assessment is the result of a further advanced methodology, using a flow-based transmission capacity approach, including a demand side flexibility model and extending the climate data base.

The Ministries welcome that the TSOs have come up with an improved common modelling of security of supply within the Pentalateral region that complements the work carried out at a national level. The Pentalateral Energy is a place for dialogue between Ministries, TSOs, Regulators and Market parties, exchanging know-how and sharing experiences.

With the improved regional adequacy assessment, TSOs have taken another important step towards integrating their adequacy assessment methodologies and have again shown their willingness and ability to contribute to a regional approach to security of supply.

The Ministries acknowledge that the results of the study are in line with the Mid-term Adequacy Forecast of ENTSO-E, a European wide medium term adequacy forecast published in November 2017. Some of the steps in this second edition are pioneering and experimental and the quantitative results should be evaluated together with other studies at the European and national level. The next steps and further evolution of the methodology will be discussed by the Pentalateral Energy Forum in the next months.