



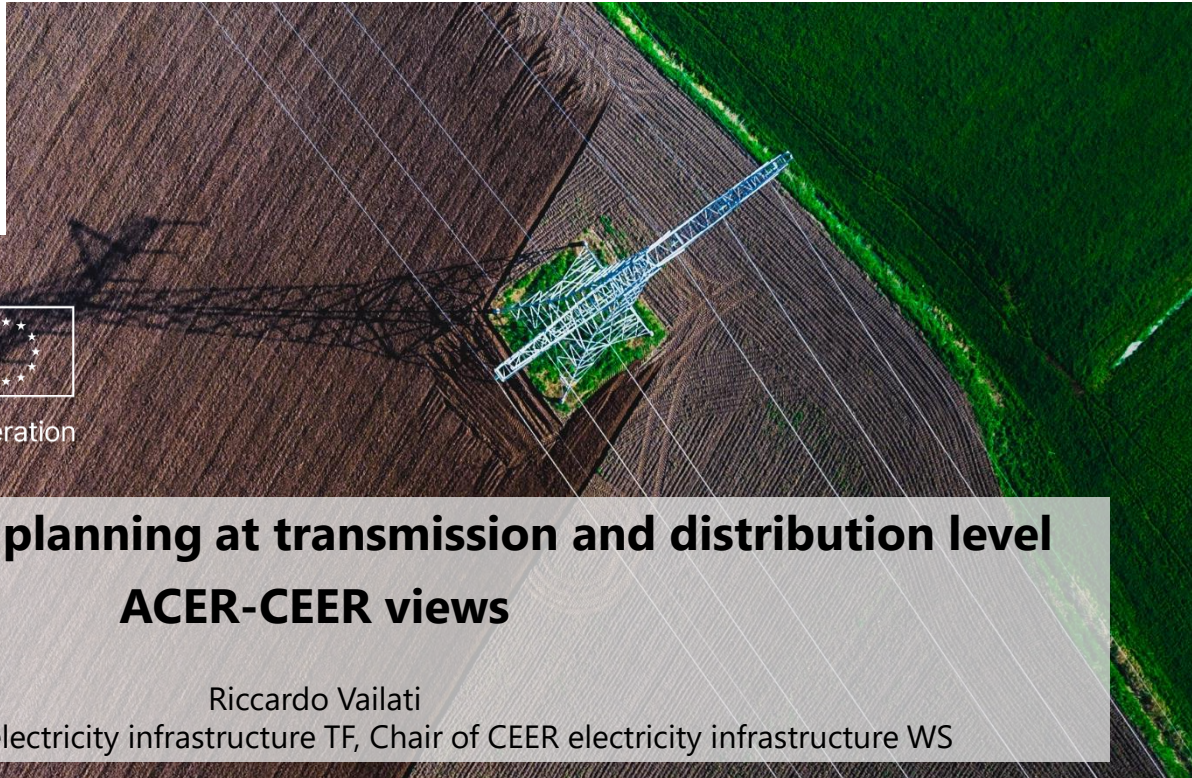
CEER

Council of European
Energy Regulators



ACER

European Union Agency for the Cooperation
of Energy Regulators



Gas and electricity planning at transmission and distribution level
ACER-CEER views

Riccardo Vailati

Co-convener of ACER electricity infrastructure TF, Chair of CEER electricity infrastructure WS

Copenhagen Forum, Session II, 25/11/2021



- **Joint scenario building**

- Scenarios should depict a coherent evolution of the European energy system, therefore they should be jointly developed for both sectors. ACER and CEER called for the requirement in Annex V(2) of Regulation (EU) 347/2013 (compatible data sets for electricity and gas) to be strengthened
- In particular, scenarios for network development planning should be developed jointly for electricity and gas, in a neutral way

- **Transparency and DSO involvement in scenario building**

- In ACER's and CEER's view, the EU-TYNDP scenario development should follow binding guidelines
- These guidelines should encompass a definition of the inputs (variables that describe scenarios, including policy objectives for the long-term) and outputs, their granularity and which entities should take part in providing inputs, e.g. European Commission, Member States through National Energy and Climate Plans, transmission and distribution system operators

- **Appropriate regulatory scrutiny**

- National Regulatory Authorities should be empowered to approve and to amend the national network development plans

ACER-CEER Position on revision of the Trans-European Energy Networks Regulation (TEN-E) and Infrastructure Governance, June 2020

<https://www.ceer.eu/documents/104400/-/-/c4f763dd-27e7-7113-9809-1ec50f530576>

- **ACER regularly reviews the national transmission network development plans**
 - The latest ACER opinion on transmission network development plans included a mapping of the current TSO-DSO cooperation activities regarding network planning
 - The major elements of cooperation are **data exchanges or other activities regarding scenario building**, while in some countries there are consultations between TSOs and DSOs. Other types of cooperation are also frequent. In 8 countries there are **plans to improve TSO-DSO cooperation**

Alignment between the TSO and DSO NDPs	Countries with multiple DSOs			Countries with one DSO	
	Each DSO prepares an NDP	Not all DSOs prepare an NDP	None of the DSOs prepare an NDP	The DSO prepares an NDP	No DSO NDP
Data exchanges regarding scenarios and/or assumptions	BE, NL	DE, IT, LV	AT, DK		
Consultation between the TSO(s) and the DSO(s)		DE, LV, LT		PT	
Other alignment/joint activities	FI, LU, NL, RO, SK, ES	EE, FR, GR, NO, PL, CH	AT, CZ	HR, CY, SI	IE
A single high voltage NDP	HU				
No alignment	BG		SE		

ACER Opinion 05/2021, July 2021

https://documents.acer.europa.eu/Official_documents/Acts_of_the_Agency/Opinions/Opinions/ACER%20Opinion%2005-2021%20on%20the%20electricity%20national%20development%20plans.pdf

- **Considering the new provisions of Directive 2019/944 on distribution network development plans (D-NDPs), CEER is publishing a paper on D-NDPs. CEER's main messages:**
 - The **distribution planning methodology should be comprehensible** and should be well understood by stakeholders
 - The D-NDPs should properly assess and explain the interactions between the planning methodology and procurement of flexibility options
 - There must be an appropriate level of **coherence between the scenarios** considered in devising the D-NDP and other linked national scenarios for any sectors that interact with electricity, as well as between the D-NDP scenario data and any other network planning publications
 - To ensure transparency in the development of electricity distribution networks, different methodologies can be established to identify of the D-NDP projects
 - As part of the process of publishing public consultation results, DSOs should be able to justify how comments have affected D-NDPs and if some responses have not led to changes
 - A regulatory requirement to establish a **common template with minimum information** provided by the DSO can ensure that all D-NDPs are consistent and can be easily compared

CEER Views on Electricity Distribution Network Development Plans, November 2021

<https://www.ceer.eu/2091>

- **About TSO-DSO coordinated planning, CEER considers that:**
 - Regarding scenario building processes, it is essential that **scenarios for all network development plans are transparent and developed in a non-contradicting way**
 - If distribution network development plans include socio-economic analyses, the **assumptions for the economic analyses could be duly aligned, where relevant, among TSOs and DSOs** Such assumptions could include the assessment lifetime, social discount rate, treatment of residual value, reference year for the presentation of economic results, and economic monetisation of some impacts such as interruptions for consumers and for producers. This would ensure consistency and comparability of project assessments, especially where a DSO project and a TSO project, or another DSO project, can be substitutes for each other
 - In the countries where high voltage grids are operated by DSOs, distribution planning methodologies should not contradict the TSO methodology for assessing transmission investments

CEER Views on Electricity Distribution Network Development Plans, November 2021

<https://www.ceer.eu/2091>