



european network
of transmission system operators
for gas

TYNDP 2015

Beyond the ESW-CBA

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SJWS 1 – Brussels – 22 January 201

Structure of TYNDP 2013-2022

Infrastructure projects

- > Description of all projects submitted to ENTSOG

Methodology

- > Definition of input data for modelling (case) based on scenarios and indicators
- > Principles of modelling tool (including topology)

Supply adequacy outlook

- > Background and definition of supply and demand scenarios

Assessment of infrastructure-related market integration

- > 4 indicators based on modelling (use of Remaining Flexibility to identify potential gaps and associated remedies being part of the submitted infrastructure projects)
- > 2 pilot capacity-based indicators

Barriers to investment

- > Top-down identification of 5 categories of barriers to investment

Possible structure of TYNDP 2015

Methodology

- > Same as before but based on the adapted ESW-CBA methodology

Infrastructure projects

- > Description of all projects submitted to ENTSOG
- > Overview of the evolution of projects
- > Analysis of investment barriers at project level

Definition of scenarios and cases

- > Background and definition of scenarios for infrastructure, demand, supply and prices

Supply adequacy outlook

- > Analysis of the comparison between demand and supply scenarios on yearly basis

Assessment of infrastructure-related market integration

- > ESW-CBA results
- > Identification of potential gap and associated remedy (from submitted projects)

All sections will include a comparison with previous TYNDP

Infrastructure projects – a wider analysis

Data to be collected

- > Based on TYNDP 2013-2022 questionnaire
- > Addition of items required by REG (EC) 347/2013
- > Data collection process will be made more efficient through a new online tool

Project evolution

- > Improvement of the identification of key steps compared to previous TYNDP
- > Definition of the main 3 project data to be followed from one edition to the other
- > Promoters will be asked to comment on the reason of a change in key data

Analysis of project barriers

- > Based on information provided by promoters among a predefined list of barriers
- > Analysis of barriers:
 - Per type of project
 - Per country

Background of supply scenarios

Analysis of import sources

- > Historical production, internal demand and exports
- > Overview of gas reserves

Analysis of European production

- > Historical production
- > Overview of gas reserves
- > Potential production from conventional, unconventional and biogas sources
- > Potential barrier to production

Definition of supply scenarios

- > Description of the assumptions taken to derive supply scenarios to Europe based on the above analysis

Gas demand for power generation

ENTSOG/ENTSO-E consistency

- > Set of common data used by ENTSOG and ENTSO-E
- > ENTSOG approach to derive range of gas demand for power generation

Analysis of power generation intermittency

- > Analysis of historical situation
- > Possible evolution of intermittency
- > Role of gas in the integration of intermittent renewable production

Summary of ESW-CBA results

Material of the ESW-CBA to be used in the PS-CBA

- > Input data of the ESW-CBA
- > Results (indicators and monetary values) per country

Specific annexes

- > For user-friendliness the above material will be gathered in specific annexes
- > Annexes will include guidances on how to use data according to the PS-CBA methodology



Thank You for Your Attention

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