



TEN-YEAR NETWORK DEVELOPMENT PLAN

2018

ANNEX F STAKEHOLDERS FEEDBACK

ENTSOG TYNDP 2018 Public consultation questionnaire

#3

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Tuesday, February 19, 2019 10:55:00 AM
Last Modified: Tuesday, February 19, 2019 11:01:59 AM
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IP Address: 81.242.133.172

Page 2: Identification

Q1 What is your organisation?

Gaz Conseil

Q2 How would you describe your organisation? (Please choose only the category which best represents your organisation)

Other (please specify)

If indicated, please specify below::

Independent

Consultant

Q3 What is your name?

[REDACTED]

Q4 What is your email address?

[REDACTED]

Q5 ENTSOG intends to publish the results of this public consultation. If your response should remain confidential, please indicate it below.

Respondent skipped this question

Page 3: Stakeholder questions - General Information

Q6 Do you have a former experience in reading ENTSOG and/or ENTSO-E TYNDPs?

None

Q7 Did you or someone on behalf of your organization participate in the ENTSOG TYNDP 2018 Stakeholder engagement process?

No

ENTSOG TYNDP 2018 Public consultation questionnaire

Q8 What are the TYNDP elements most valuable for your activity?

Infrastructure Report: Information on infrastructure projects

Page 4: Stakeholder questions - General feedback

Q9 TYNDP 2018 is composed of 3 main reports (Scenario, Infrastructure and System Assessment) and 5 annexes. Is TYNDP 2018 easy to read and navigate through?

easy

Q10 Are the maps, graphs and tables easy to understand?

easy

Q11 ENTSOG published all the TYNDP input data on its website. Has it been useful to you?

Yes

Q12 ENTSOG introduced a number of new elements in TYNDP 2018. Please indicate which one(s) you find the most valuable?

Joint Scenario report for ENTSOG and ENTSO-E TYNDPs 2018 (published in March 2018)

Page 5: Stakeholder questions - Infrastructure

Q13 ENTSOG developed guidelines and selection criteria for projects submitted to TYNDP 2018 (Practical Implementation Document). How the selection criteria could be further improved?

Respondent skipped this question

Q14 For a better readability, TYNDP 2018 presents the projects grouped by functionality (PRJ), representing the basis for the subsequent Project-Specific Cost-Benefit Analysis (PS-CBA) performed in the context of the 4th PCI selection process. Do you find this approach valuable?

Respondent skipped this question

Q15 The list of projects groups to be simulated for PS-CBA was published ahead of the TYNDP reports early December 2018. Do you find it valuable?

Respondent skipped this question

Q16 Annex A provides project-level information, through project fiches and overview tables (including project grouping). Do you find the Annex A format adequate?

Respondent skipped this question

Q17 Is there further information on projects that you would like to see reflected in TYNDP?

Respondent skipped this question

ENTSOG TYNDP 2018 Public consultation questionnaire

Page 6: Stakeholder questions - Assessment

Q18 ENTSOG endeavoured to increase the usability of the Assessment chapter in different ways. Please specify whether these were useful to you:

Respondent skipped this question

Q19 For TYNDP 2018 and following stakeholder recommendations, ENTSOG introduced a new approach to the consideration of the different supply sources in the assessment (Supply price methodology instead of a specific supply price configuration and LNG supply diversification differentiating the main LNG basins). Further information can be found in Annex D. How do you think it can be further improved?

Respondent skipped this question

Q20 ENTSOG publishes all TYNDP assessment results in Annex E – Simulation results. Are these results valuable to you?

Respondent skipped this question

Q21 ENTSOG provides the description of the modelling tool and modelling methodology as part of Annex D. Is this information valuable to you?

Respondent skipped this question

Q22 TYNDP 2018 includes the second edition of the long-term gas quality monitoring outlook covering, for the first time, biomethane and hydrogen injection. Is this information valuable to you?

Respondent skipped this question

Page 7: Stakeholder questions - Towards TYNDP 2020

Q23 Can you please specify the 3 main improvements you would like to see in the next edition?

Respondent skipped this question

ENTSOG TYNDP 2018 Public consultation questionnaire

#7

COMPLETE

Collector: Web Link 1 (Web Link)
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IP Address: 217.192.141.62

Page 2: Identification

Q1 What is your organisation?

Swissgas is a commercial TSO on the Transitgas-pipeline system and a technical TSO on its own grid

Q2 How would you describe your organisation? (Please choose only the category which best represents your organisation)

Other (please specify) ,

If indicated, please specify below::

Commercial TSO, technical TSO

Q3 What is your name?

[REDACTED]

Q4 What is your email address?

[REDACTED]

Q5 ENTSOG intends to publish the results of this public consultation. If your response should remain confidential, please indicate it below.

My response can be disclosed on behalf of the Organisation I am representing

Page 3: Stakeholder questions - General Information

Q6 Do you have a former experience in reading ENTSOG and/or ENTSO-E TYNDPs?

**ENTSOG TYNDP 2017,
ENTSO-E TYNDP 2018,
ENTSOG's or ENTSO-E's previous TYNDP editions**

Q7 Did you or someone on behalf of your organization participate in the ENTSOG TYNDP 2018 Stakeholder engagement process?

Yes

ENTSOG TYNDP 2018 Public consultation questionnaire

Q8 What are the TYNDP elements most valuable for your activity?

Infrastructure Report: Information on infrastructure projects

,

System Assessment Report: Identification of the infrastructure needs

Page 4: Stakeholder questions - General feedback

Q9 TYNDP 2018 is composed of 3 main reports (Scenario, Infrastructure and System Assessment) and 5 annexes. Is TYNDP 2018 easy to read and navigate through?

difficult,

Any suggestion, please specify?:

too much paper, too much flowery phrases, too much description of methodology and Background (instead of clear findings)

Q10 Are the maps, graphs and tables easy to understand?

difficult*

Q11 ENTSOG published all the TYNDP input data on its website. Has it been useful to you?

Yes,

Please specify::

We cannot find them (in reasonable time).

Q12 ENTSOG introduced a number of new elements in TYNDP 2018. Please indicate which one(s) you find the most valuable?

New supply assumptions (price and LNG as multi-source supply)

,

New market features for the modelling (consideration of infrastructure tariffs and Long-Term Capacity bookings)

Page 5: Stakeholder questions - Infrastructure

Q13 ENTSOG developed guidelines and selection criteria for projects submitted to TYNDP 2018 (Practical Implementation Document). How the selection criteria could be further improved?

Respondent skipped this question

Q14 For a better readability, TYNDP 2018 presents the projects grouped by functionality (PRJ), representing the basis for the subsequent Project-Specific Cost-Benefit Analysis (PS-CBA) performed in the context of the 4th PCI selection process. Do you find this approach valuable?

Yes

ENTSOG TYNDP 2018 Public consultation questionnaire

Q15 The list of projects groups to be simulated for PS-CBA was published ahead of the TYNDP reports early December 2018. Do you find it valuable? **No**

Q16 Annex A provides project-level information, through project fiches and overview tables (including project grouping). Do you find the Annex A format adequate? **Yes**

Q17 Is there further information on projects that you would like to see reflected in TYNDP?

what's the Situation of the TENP and its Outlook?

Page 6: Stakeholder questions - Assessment

Q18 ENTSOG endeavoured to increase the usability of the Assessment chapter in different ways. Please specify whether these were useful to you:

A dedicated System Assessment report for the identification of infrastructure needs (Low infrastructure level assessment) and the assessment of the impact of the Advanced projects as well as projects on the 3rd PCI list, as a feedback loop. **Yes, this proved useful to me**

Presentation of results for the most relevant scenarios (Sustainable Transition, Distributed Generation, EUCO 30, Global Climate Action). **No, not useful**

Consistency between the Supply Disruption cases considered in TYNDP and the Security of Supply Regulation (EU) 2017/1938. **Yes, this proved useful to me**

Focus on a limited number of simulations cases (e.g. limited number of contrasted supply configurations) **Yes, this proved useful to me**

Q19 For TYNDP 2018 and following stakeholder recommendations, ENTSOG introduced a new approach to the consideration of the different supply sources in the assessment (Supply price methodology instead of a specific supply price configuration and LNG supply diversification differentiating the main LNG basins). Further information can be found in Annex D. How do you think it can be further improved? **Respondent skipped this question**

Q20 ENTSOG publishes all TYNDP assessment results in Annex E – Simulation results. Are these results valuable to you? **Yes**

Q21 ENTSOG provides the description of the modelling tool and modelling methodology as part of Annex D. Is this information valuable to you? **Yes**

ENTSOG TYNDP 2018 Public consultation questionnaire

Q22 TYNDP 2018 includes the second edition of the long-term gas quality monitoring outlook covering, for the first time, biomethane and hydrogen injection. Is this information valuable to you? **Yes**

Page 7: Stakeholder questions - Towards TYNDP 2020

Q23 Can you please specify the 3 main improvements you would like to see in the next edition?

1. It's surely a valuable description of the current and the short-term future situation of the gas infrastructure and the market. But it's too broad and not focussed enough to be helpful to answer questions which arises in the context of a specific problem.
 2. For each section/chapter a summary would be helpful.
-

ENTSOG TYNDP 2018 Public consultation questionnaire

#10

COMPLETE

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Time Spent: Over a day
IP Address: 91.233.191.26

Page 2: Identification

Q1 What is your organisation?

E-Control Austria

Q2 How would you describe your organisation? (Please choose only the category which best represents your organisation)

Other (please specify) ,

If indicated, please specify below::

National Regulatory Authority

Q3 What is your name?

[REDACTED]

Q4 What is your email address?

[REDACTED]

Q5 ENTSOG intends to publish the results of this public consultation. If your response should remain confidential, please indicate it below.

My response can be disclosed on behalf of the Organisation I am representing

Page 3: Stakeholder questions - General Information

Q6 Do you have a former experience in reading ENTSOG and/or ENTSO-E TYNDPs?

ENTSOG TYNDP 2017, ENTSOG's or ENTSO-E's previous TYNDP editions

Q7 Did you or someone on behalf of your organization participate in the ENTSOG TYNDP 2018 Stakeholder engagement process?

Yes

ENTSOG TYNDP 2018 Public consultation questionnaire

Q8 What are the TYNDP elements most valuable for your activity?

Infrastructure Report: Information on infrastructure projects

,

System Assessment Report: Identification of the infrastructure needs

,

System Assessment Report: TYNDP simulation results provided in Annex E

,

Information on the TYNDP modelling (Annex D),

System Assessment Report: Assessment of TYNDP projects

Page 4: Stakeholder questions - General feedback

Q9 TYNDP 2018 is composed of 3 main reports (Scenario, Infrastructure and System Assessment) and 5 annexes. Is TYNDP 2018 easy to read and navigate through?

Respondent skipped this question

Q10 Are the maps, graphs and tables easy to understand?

Respondent skipped this question

Q11 ENTSOG published all the TYNDP input data on its website. Has it been useful to you?

Respondent skipped this question

Q12 ENTSOG introduced a number of new elements in TYNDP 2018. Please indicate which one(s) you find the most valuable?

Respondent skipped this question

Page 5: Stakeholder questions - Infrastructure

Q13 ENTSOG developed guidelines and selection criteria for projects submitted to TYNDP 2018 (Practical Implementation Document). How the selection criteria could be further improved?

Respondent skipped this question

ENTSOG TYNDP 2018 Public consultation questionnaire

Q14 For a better readability, TYNDP 2018 presents the projects grouped by functionality (PRJ), representing the basis for the subsequent Project-Specific Cost-Benefit Analysis (PS-CBA) performed in the context of the 4th PCI selection process. Do you find this approach valuable?

How can it be further improved?:

With a view to the PCI selection process it's problematic to predetermine a grouping in the TYNDP. In the case of TRA-N-423 GCA Mosonmagyaróvár the Hungarian TSO FGSZ did not submit their project part to the TYNDP, therefore TRA-N-423 is not part of a grouping and the PS-CBA was not conducted. It is now even argued that the project cannot become a PCI for this reason. It would be important to encourage TSOs to submit all relevant projects in order to make sure the groupings are available for all further steps. In case it is noticed that a project is missing for the grouping, it should still be possible at a later stage to include the project into the TYNDP to conduct all necessary analyses.

Q15 The list of projects groups to be simulated for PS-CBA was published ahead of the TYNDP reports early December 2018. Do you find it valuable?

Yes

Q16 Annex A provides project-level information, through project fiches and overview tables (including project grouping). Do you find the Annex A format adequate?

Yes

Q17 Is there further information on projects that you would like to see reflected in TYNDP?

Respondent skipped this question

Page 6: Stakeholder questions - Assessment

Q18 ENTSOG endeavoured to increase the usability of the Assessment chapter in different ways. Please specify whether these were useful to you:

Respondent skipped this question

Q19 For TYNDP 2018 and following stakeholder recommendations, ENTSOG introduced a new approach to the consideration of the different supply sources in the assessment (Supply price methodology instead of a specific supply price configuration and LNG supply diversification differentiating the main LNG basins). Further information can be found in Annex D. How do you think it can be further improved?

Respondent skipped this question

Q20 ENTSOG publishes all TYNDP assessment results in Annex E – Simulation results. Are these results valuable to you?

Respondent skipped this question

ENTSOG TYNDP 2018 Public consultation questionnaire

Q21 ENTSOG provides the description of the modelling tool and modelling methodology as part of Annex D. Is this information valuable to you?

Respondent skipped this question

Q22 TYNDP 2018 includes the second edition of the long-term gas quality monitoring outlook covering, for the first time, biomethane and hydrogen injection. Is this information valuable to you?

Respondent skipped this question

Page 7: Stakeholder questions - Towards TYNDP 2020

Q23 Can you please specify the 3 main improvements you would like to see in the next edition?

1. In case a TSO does not include a project in the TYNDP (which has been part of the NDP, the TYNDP and even the PCI list in the past), it would be important to have a possibility as stakeholder to ask for inclusion of this project into the TYNDP. In case the project is definitely not being included in the TYNDP, this should at least be mentioned in the TYNDP including an explanation by the concerned TSO.

2. In case the grouping cannot take place because of a missing project, ENTSOG should take proxy data of that project in order to conduct the PS CBA. Otherwise, projects which are part of the TYNDP are potentially cut off the possibility to become a PCI due to reasons beyond their control.

3. All incremental capacity projects according to the amended CAM NC should systematically be included in the TYNDP, ideally in a comprehensive and up-to-date way.

#11

COMPLETE

Collector: Web Link 1 (Web Link)
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Last Modified: Tuesday, March 26, 2019 3:19:31 PM
Time Spent: 04:06:02
IP Address: 91.239.241.10

Page 2: Identification

Q1 What is your organisation?

[REDACTED]

Q2 How would you describe your organisation? (Please choose only the category which best represents your organisation) **Project promoter**

Q3 What is your name?

[REDACTED]

Q4 What is your email address?

[REDACTED]

Q5 ENTSOG intends to publish the results of this public consultation. If your response should remain confidential, please indicate it below. **My response should only be disclosed anonymously**

Page 3: Stakeholder questions - General Information

Q6 Do you have a former experience in reading ENTSOG and/or ENTSO-E TYNDPs? **ENTSOG TYNDP 2017**

Q7 Did you or someone on behalf of your organization participate in the ENTSOG TYNDP 2018 Stakeholder engagement process? **No**

ENTSOG TYNDP 2018 Public consultation questionnaire

Q8 What are the TYNDP elements most valuable for your activity?

Infrastructure Report: Information on infrastructure projects

,

System Assessment Report: TYNDP simulation results provided in Annex E

,

Information on the TYNDP modelling (Annex D),

Long-term Gas Quality Monitoring Outlook

,

System Assessment Report: Assessment of TYNDP projects

Page 4: Stakeholder questions - General feedback

Q9 TYNDP 2018 is composed of 3 main reports (Scenario, Infrastructure and System Assessment) and 5 annexes. Is TYNDP 2018 easy to read and navigate through?

very easy

Q10 Are the maps, graphs and tables easy to understand?

very easy

Q11 ENTSOG published all the TYNDP input data on its website. Has it been useful to you?

Yes

Q12 ENTSOG introduced a number of new elements in TYNDP 2018. Please indicate which one(s) you find the most valuable?

New supply assumptions (price and LNG as multi-source supply)

,

New market features for the modelling (consideration of infrastructure tariffs and Long-Term Capacity bookings)

Page 5: Stakeholder questions - Infrastructure

Q13 ENTSOG developed guidelines and selection criteria for projects submitted to TYNDP 2018 (Practical Implementation Document). How the selection criteria could be further improved?

Respondent skipped this question

ENTSOG TYNDP 2018 Public consultation questionnaire

Q14 For a better readability, TYNDP 2018 presents the projects grouped by functionality (PRJ), representing the basis for the subsequent Project-Specific Cost-Benefit Analysis (PS-CBA) performed in the context of the 4th PCI selection process. Do you find this approach valuable? **Yes**

Q15 The list of projects groups to be simulated for PS-CBA was published ahead of the TYNDP reports early December 2018. Do you find it valuable? **Yes**

Q16 Annex A provides project-level information, through project fiches and overview tables (including project grouping). Do you find the Annex A format adequate? **Yes**

Q17 Is there further information on projects that you would like to see reflected in TYNDP?

- 1) Information about capacity of the project should be represented in sheet "Transmission Project" of Annex A.
 - 2) Information about gas source or sources, as well as gas infrastructure, from which the project will receive gas
-

Page 6: Stakeholder questions - Assessment

Q18 ENTSOG endeavoured to increase the usability of the Assessment chapter in different ways. Please specify whether these were useful to you:

A dedicated System Assessment report for the identification of infrastructure needs (Low infrastructure level assessment) and the assessment of the impact of the Advanced projects as well as projects on the 3rd PCI list, as a feedback loop. **Yes, this proved useful to me**

Presentation of results for the most relevant scenarios (Sustainable Transition, Distributed Generation, EUCO 30, Global Climate Action). **Yes, this proved useful to me**

Consistency between the Supply Disruption cases considered in TYNDP and the Security of Supply Regulation (EU) 2017/1938. **Yes, this proved useful to me**

Focus on a limited number of simulations cases (e.g. limited number of contrasted supply configurations) **No, not useful**

Q19 For TYNDP 2018 and following stakeholder recommendations, ENTSOG introduced a new approach to the consideration of the different supply sources in the assessment (Supply price methodology instead of a specific supply price configuration and LNG supply diversification differentiating the main LNG basins). Further information can be found in Annex D. How do you think it can be further improved?

We do not have comments.

ENTSOG TYNDP 2018 Public consultation questionnaire

Q20 ENTSOG publishes all TYNDP assessment results in Annex E – Simulation results. Are these results valuable to you?

Yes,

If yes, could you indicate in which context? Do you have any suggestion on the format of these results?:

We do not have comments.

Q21 ENTSOG provides the description of the modelling tool and modelling methodology as part of Annex D. Is this information valuable to you?

Yes,

How do you think it can be further improved?:

We do not have comments.

Q22 TYNDP 2018 includes the second edition of the long-term gas quality monitoring outlook covering, for the first time, biomethane and hydrogen injection. Is this information valuable to you?

Yes,

Can you please specify why?:

This information is necessary to calculate the tariffs for subsequent periods.

Page 7: Stakeholder questions - Towards TYNDP 2020

Q23 Can you please specify the 3 main improvements you would like to see in the next edition?

1. More active involvement of all contracting parties and observers of Energy Community.
 2. Reflecting the level of fulfilling the goals of the EU energy strategies (possibly with ENTSO-E) on each major strategy objective of each country.
-

#12

COMPLETE

Collector: Web Link 1 (Web Link)
Started: Thursday, February 21, 2019 9:39:26 PM
Last Modified: Thursday, March 28, 2019 8:29:26 PM
Time Spent: Over a month
IP Address: 84.166.75.203

Page 2: Identification

Q1 What is your organisation?

Nord Stream 2 AG, Baarerstrasse 52, CH 5200 Zug, Switzerland

Q2 How would you describe your organisation? (Please choose only the category which best represents your organisation)

Project promoter

Q3 What is your name?

[REDACTED]

Q4 What is your email address?

[REDACTED]

Q5 ENTSOG intends to publish the results of this public consultation. If your response should remain confidential, please indicate it below.

My response can be disclosed on behalf of the Organisation I am representing

Page 3: Stakeholder questions - General Information

Q6 Do you have a former experience in reading ENTSOG and/or ENTSO-E TYNDPs?

ENTSOG TYNDP 2017

Q7 Did you or someone on behalf of your organization participate in the ENTSOG TYNDP 2018 Stakeholder engagement process?

Yes

ENTSOG TYNDP 2018 Public consultation questionnaire

Q8 What are the TYNDP elements most valuable for your activity?

Infrastructure Report: Information on infrastructure projects

System Assessment Report: Identification of the infrastructure needs

Page 4: Stakeholder questions - General feedback

Q9 TYNDP 2018 is composed of 3 main reports (Scenario, Infrastructure and System Assessment) and 5 annexes. Is TYNDP 2018 easy to read and navigate through?

easy

Q10 Are the maps, graphs and tables easy to understand?

easy

Q11 ENTSOG published all the TYNDP input data on its website. Has it been useful to you?

Yes

Q12 ENTSOG introduced a number of new elements in TYNDP 2018. Please indicate which one(s) you find the most valuable?

New structure of TYNDP (3 separate reports)

Page 5: Stakeholder questions - Infrastructure

Q13 ENTSOG developed guidelines and selection criteria for projects submitted to TYNDP 2018 (Practical Implementation Document). How the selection criteria could be further improved?

The selection criteria (inclusive of the documentation requirements) as they stand look adequate, as they allow to group projects according to their realisation status / likelihood to be realized. No change needed.

Q14 For a better readability, TYNDP 2018 presents the projects grouped by functionality (PRJ), representing the basis for the subsequent Project-Specific Cost-Benefit Analysis (PS-CBA) performed in the context of the 4th PCI selection process. Do you find this approach valuable?

How can it be further improved?:

Question not relevant for Nord Stream 2

Q15 The list of projects groups to be simulated for PS-CBA was published ahead of the TYNDP reports early December 2018. Do you find it valuable?

Respondent skipped this question

ENTSOG TYNDP 2018 Public consultation questionnaire

Q16 Annex A provides project-level information, through project fiches and overview tables (including project grouping). Do you find the Annex A format adequate? **Yes**

Q17 Is there further information on projects that you would like to see reflected in TYNDP?

present scope of information looks adequate

Page 6: Stakeholder questions - Assessment

Q18 ENTSOG endeavoured to increase the usability of the Assessment chapter in different ways. Please specify whether these were useful to you:

A dedicated System Assessment report for the identification of infrastructure needs (Low infrastructure level assessment) and the assessment of the impact of the Advanced projects as well as projects on the 3rd PCI list, as a feedback loop.

Yes, this proved useful to me

Presentation of results for the most relevant scenarios (Sustainable Transition, Distributed Generation, EUCO 30, Global Climate Action).

Yes, this proved useful to me

Consistency between the Supply Disruption cases considered in TYNDP and the Security of Supply Regulation (EU) 2017/1938.

Yes, this proved useful to me

Focus on a limited number of simulations cases (e.g. limited number of contrasted supply configurations)

Yes, this proved useful to me

Q19 For TYNDP 2018 and following stakeholder recommendations, ENTSOG introduced a new approach to the consideration of the different supply sources in the assessment (Supply price methodology instead of a specific supply price configuration and LNG supply diversification differentiating the main LNG basins). Further information can be found in Annex D. How do you think it can be further improved?

-

Q20 ENTSOG publishes all TYNDP assessment results in Annex E – Simulation results. Are these results valuable to you?

Yes,

If yes, could you indicate in which context? Do you have any suggestion on the format of these results?:

They are transparent, for practical use maps are preferred.

Q21 ENTSOG provides the description of the modelling tool and modelling methodology as part of Annex D. Is this information valuable to you?

Yes,

How do you think it can be further improved?:

-

ENTSOG TYNDP 2018 Public consultation questionnaire

Q22 TYNDP 2018 includes the second edition of the long-term gas quality monitoring outlook covering, for the first time, biomethane and hydrogen injection. Is this information valuable to you?

Yes,

Can you please specify why?:

it illustrates the rather small potential of biomethane and green hydrogen

Page 7: Stakeholder questions - Towards TYNDP 2020

Q23 Can you please specify the 3 main improvements you would like to see in the next edition?

-

#14

COMPLETE

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Last Modified: Friday, March 29, 2019 7:37:20 PM
Time Spent: Over a day
IP Address: 86.44.105.99

Page 2: Identification

Q1 What is your organisation?

[REDACTED]

Q2 How would you describe your organisation? (Please choose only the category which best represents your organisation) **Project promoter**

Q3 What is your name?

[REDACTED]

Q4 What is your email address?

[REDACTED]

Q5 ENTSOG intends to publish the results of this public consultation. If your response should remain confidential, please indicate it below. **My response should only be disclosed anonymously**

Page 3: Stakeholder questions - General Information

Q6 Do you have a former experience in reading ENTSOG and/or ENTSO-E TYNDPs? **ENTSOG TYNDP 2017**

Q7 Did you or someone on behalf of your organization participate in the ENTSOG TYNDP 2018 Stakeholder engagement process? **No**

ENTSOG TYNDP 2018 Public consultation questionnaire

Q8 What are the TYNDP elements most valuable for your activity?

System Assessment Report: Identification of the infrastructure needs

,

System Assessment Report: Assessment of TYNDP projects

Page 4: Stakeholder questions - General feedback

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easy

Q10 Are the maps, graphs and tables easy to understand?

very easy

Q11 ENTSOG published all the TYNDP input data on its website. Has it been useful to you?

Respondent skipped this question

Q12 ENTSOG introduced a number of new elements in TYNDP 2018. Please indicate which one(s) you find the most valuable?

New structure of TYNDP (3 separate reports)

Page 5: Stakeholder questions - Infrastructure

Q13 ENTSOG developed guidelines and selection criteria for projects submitted to TYNDP 2018 (Practical Implementation Document). How the selection criteria could be further improved?

On 26/3/2019, I emailed ENTSOG that the Shannon LNG project was not included in the Annex A 'Project Sheets'. The project was included in other sections of Annex A.

Q14 For a better readability, TYNDP 2018 presents the projects grouped by functionality (PRJ), representing the basis for the subsequent Project-Specific Cost-Benefit Analysis (PS-CBA) performed in the context of the 4th PCI selection process. Do you find this approach valuable?

Yes

Q15 The list of projects groups to be simulated for PS-CBA was published ahead of the TYNDP reports early December 2018. Do you find it valuable?

Yes

ENTSOG TYNDP 2018 Public consultation questionnaire

Q16 Annex A provides project-level information, through project fiches and overview tables (including project grouping). Do you find the Annex A format adequate? **Yes**

Q17 Is there further information on projects that you would like to see reflected in TYNDP?

As indicated in response to question 13 above, the Shannon LNG project was not included in the Annex A 'Project Sheets'. The project was included in other sections of Annex A.

Page 6: Stakeholder questions - Assessment

Q18 ENTSOG endeavoured to increase the usability of the Assessment chapter in different ways. Please specify whether these were useful to you:

A dedicated System Assessment report for the identification of infrastructure needs (Low infrastructure level assessment) and the assessment of the impact of the Advanced projects as well as projects on the 3rd PCI list, as a feedback loop. **Yes, this proved useful to me**

Presentation of results for the most relevant scenarios (Sustainable Transition, Distributed Generation, EUCO 30, Global Climate Action). **Yes, this proved useful to me**

Consistency between the Supply Disruption cases considered in TYNDP and the Security of Supply Regulation (EU) 2017/1938. **Yes, this proved useful to me**

Focus on a limited number of simulations cases (e.g. limited number of contrasted supply configurations) **Yes, this proved useful to me**

Q19 For TYNDP 2018 and following stakeholder recommendations, ENTSOG introduced a new approach to the consideration of the different supply sources in the assessment (Supply price methodology instead of a specific supply price configuration and LNG supply diversification differentiating the main LNG basins). Further information can be found in Annex D. How do you think it can be further improved? **Respondent skipped this question**

Q20 ENTSOG publishes all TYNDP assessment results in Annex E – Simulation results. Are these results valuable to you? **Yes**

Q21 ENTSOG provides the description of the modelling tool and modelling methodology as part of Annex D. Is this information valuable to you? **Yes**

ENTSOG TYNDP 2018 Public consultation questionnaire

Q22 TYNDP 2018 includes the second edition of the long-term gas quality monitoring outlook covering, for the first time, biomethane and hydrogen injection. Is this information valuable to you? **Yes**

Page 7: Stakeholder questions - Towards TYNDP 2020

Q23 Can you please specify the 3 main improvements you would like to see in the next edition?

The main improvement is for it to be complete - see comment on questions 13 and 17

#15

COMPLETE

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Page 2: Identification

Q1 What is your organisation?

Gas Infrastructure Europe (GIE)

Q2 How would you describe your organisation? (Please choose only the category which best represents your organisation)

Association (please specify type)

Q3 What is your name?

N/A

Q4 What is your email address?

gie@gie.eu

Q5 ENTSOG intends to publish the results of this public consultation. If your response should remain confidential, please indicate it below.

My response can be disclosed on behalf of the Organisation I am representing

Page 3: Stakeholder questions - General Information

Q6 Do you have a former experience in reading ENTSOG and/or ENTSO-E TYNDPs?

**ENTSOG TYNDP 2017,
ENTSOG's or ENTSO-E's previous TYNDP editions**

Q7 Did you or someone on behalf of your organization participate in the ENTSOG TYNDP 2018 Stakeholder engagement process?

Yes

ENTSOG TYNDP 2018 Public consultation questionnaire

Q8 What are the TYNDP elements most valuable for your activity?

Joint ENTSOG and ENTSO-E Scenarios

Infrastructure Report: Information on infrastructure projects

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System Assessment Report: Identification of the infrastructure needs

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Information on the TYNDP modelling (Annex D),

System Assessment Report: Assessment of TYNDP projects

Page 4: Stakeholder questions - General feedback

Q9 TYNDP 2018 is composed of 3 main reports (Scenario, Infrastructure and System Assessment) and 5 annexes. Is TYNDP 2018 easy to read and navigate through?

difficult,

Any suggestion, please specify?:

There are a number of documents uploaded in the TYNDP 2018 section. These documents cover the whole development process. In addition, the draft TYNDP 2018 report has been divided into a number of components (executive summary, assessment report, infrastructure report, annexes, etc.). Therefore, in order to improve user friendliness and facilitate navigation between the documents, the draft TYNDP 2018 report should be separated more clearly from other TYNDP 2018-related documents.

Q10 Are the maps, graphs and tables easy to understand?

easy

Q11 ENTSOG published all the TYNDP input data on its website. Has it been useful to you?

Yes

ENTSOG TYNDP 2018 Public consultation questionnaire

Q12 ENTSOG introduced a number of new elements in TYNDP 2018. Please indicate which one(s) you find the most valuable?

Joint Scenario report for ENTSOG and ENTSO-E TYNDPs 2018 (published in March 2018)

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New supply assumptions (price and LNG as multi-source supply)

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New market features for the modelling (consideration of infrastructure tariffs and Long-Term Capacity bookings)

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Other (please specify):

In order to support new market features for the modelling (infrastructure tariffs), GLE and GSE columns had been involved in TYNDP 2018 process even earlier. We would like to thank ENTSOG for a fruitful cooperation. On storage, after structured and lengthy discussions within GSE, it's been agreed to provide a uniform SSO tariff equal to 1.5 €/MWh for all countries - corresponding to the seasonal gas price spread and similar to the value used in the EC's LNG& Storage strategy study commissioned by REKK in 2017. It's been further agreed with ENTSOG to add the explanation note in Annex D Methodology highlighting: - the full value of gas storage - due to the limited availability of data, SSOs do not publish in advance the sites that are going to shut down, consequently a possible reduction of gas storage capacity cannot be projected in the TYNDP.

Page 5: Stakeholder questions - Infrastructure

Q13 ENTSOG developed guidelines and selection criteria for projects submitted to TYNDP 2018 (Practical Implementation Document). How the selection criteria could be further improved?

Respondent skipped this question

Q14 For a better readability, TYNDP 2018 presents the projects grouped by functionality (PRJ), representing the basis for the subsequent Project-Specific Cost-Benefit Analysis (PS-CBA) performed in the context of the 4th PCI selection process. Do you find this approach valuable?

Yes,

How can it be further improved?:

In line with the project grouping concept ENTSOG could investigate, where appropriate, possible additional measures to seek further consistency of the project data as provided by project promoters operating on both sides of an interconnection point.

Q15 The list of projects groups to be simulated for PS-CBA was published ahead of the TYNDP reports early December 2018. Do you find it valuable?

Yes

ENTSOG TYNDP 2018 Public consultation questionnaire

Q16 Annex A provides project-level information, through project fiches and overview tables (including project grouping). Do you find the Annex A format adequate? **Yes**

Q17 Is there further information on projects that you would like to see reflected in TYNDP?

No. TYNDP 2018 contains a lot of data about investment projects and guarantees already now adequate transparency.

Page 6: Stakeholder questions - Assessment

Q18 ENTSOG endeavoured to increase the usability of the Assessment chapter in different ways. Please specify whether these were useful to you:

A dedicated System Assessment report for the identification of infrastructure needs (Low infrastructure level assessment) and the assessment of the impact of the Advanced projects as well as projects on the 3rd PCI list, as a feedback loop. **Yes, this proved useful to me**

Presentation of results for the most relevant scenarios (Sustainable Transition, Distributed Generation, EUCO 30, Global Climate Action). **Yes, this proved useful to me**

Consistency between the Supply Disruption cases considered in TYNDP and the Security of Supply Regulation (EU) 2017/1938. **Yes, this proved useful to me**

Focus on a limited number of simulations cases (e.g. limited number of contrasted supply configurations) **Yes, this proved useful to me**

Q19 For TYNDP 2018 and following stakeholder recommendations, ENTSOG introduced a new approach to the consideration of the different supply sources in the assessment (Supply price methodology instead of a specific supply price configuration and LNG supply diversification differentiating the main LNG basins). Further information can be found in Annex D. How do you think it can be further improved?

As part of TYNDP 2020 ENTSOG should put more focus on actual gas prices in TYNDP geographical perimeter countries and gas supply contracts in order to further improve adequacy of the assessments.

Q20 ENTSOG publishes all TYNDP assessment results in Annex E – Simulation results. Are these results valuable to you? **Yes**

Q21 ENTSOG provides the description of the modelling tool and modelling methodology as part of Annex D. Is this information valuable to you? **Yes**

ENTSOG TYNDP 2018 Public consultation questionnaire

Q22 TYNDP 2018 includes the second edition of the long-term gas quality monitoring outlook covering, for the first time, biomethane and hydrogen injection. Is this information valuable to you?

Yes,

Can you please specify why?:

The long-term gas quality monitoring outlook constitutes a valuable input in considerations on decarbonisation of the gas system. With regard to forecasts regarding the impact of hydrogen on quality parameters, it seems reasonable for ENSTOG to work on identifying potential risks of injecting hydrogen into the grid in TYNDP geographical perimeter countries.

Page 7: Stakeholder questions - Towards TYNDP 2020

Q23 Can you please specify the 3 main improvements you would like to see in the next edition?

Better consideration of actual gas prices in TYNDP geographical perimeter countries and gas supply contracts in order to further improve adequacy of the assessments.
