European Network of
Transmission System Operators
for Electricity

entsoe

Inclusion of projects in the ENTSO-E Ten Year Network Development Plan 2016

Frequently asked questions

31 March 2015

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1. What is TYNDP and what is ENTSO-E's role?

The Ten-Year Network Development Plan (TYNDP) is a biennial package developed by ENTSO-E, which presents a transparent overview of the transmission development plans that are identified as necessary to ensure that the transmission grid enables to meet EU energy policy goals.

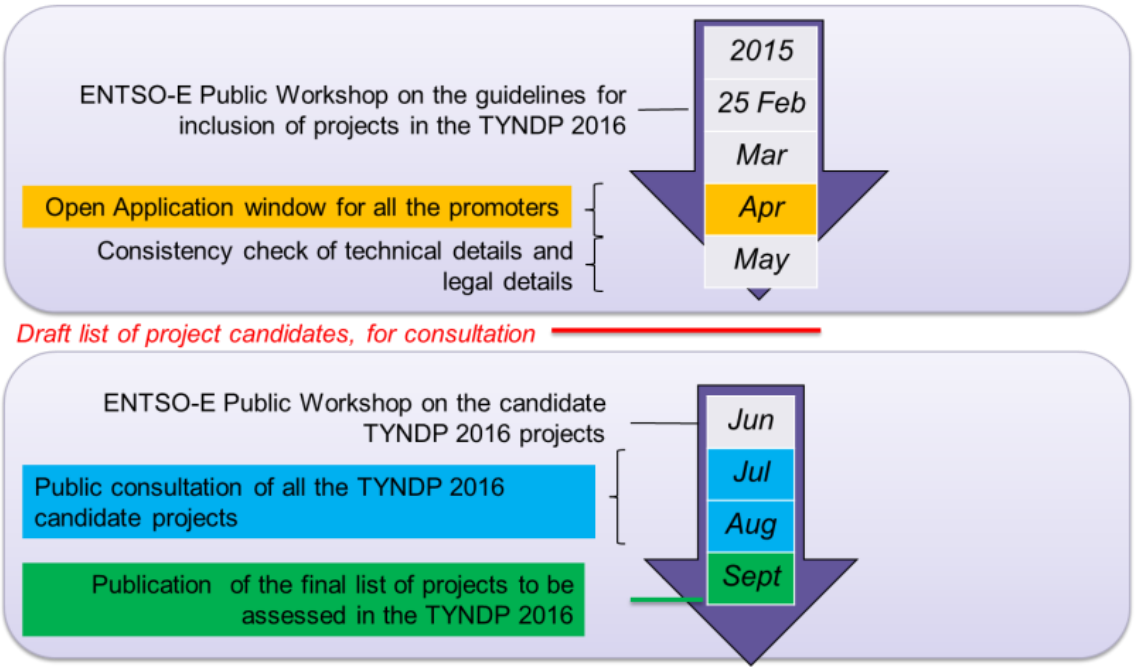
The TYNDP for Electricity is the most comprehensive and up-to-date pan-European reference for the transmission electricity network. It identifies and assesses all relevant pan-European projects in a set of defined scenarios (2020 and 2030) and based on a robust pan–European CBA methodology.

This package consists of a main TYNDP report, six Regional Investment Plans, and a Scenario Outlook & Adequacy Forecast (SO&AF).

Complying with Regulations (EC) 714/2009 and 347/2013, this package delivers a structured, systematic and comprehensive vision for European grid development through to 2030. The reports describe the significant investments in the European power sector that are required to achieve the European energy policy goals of security of supply, climate change mitigation and facilitation of the Internal Energy Market.

2. Why ENTSO-E has an open application window for inclusion of projects in the TYNDP?

In line with the Regulations (EC) 714/2009 and 347/2013 the ENTSO-E TYNDP includes a full comprehensive list of transmission and storage projects of pan-European significance. ENTSO-E is the association of 41 TSOs in Europe, and promotes close cooperation among its members. Projects of pan-European significance can be promoted by ENTSO-E members, TSOs not within ENTSO-E, promoters scheduled to operate in a regulated environment, promoters in a non-regulated environment, and storage project promoters. Therefore, in order to reach this comprehensive view of future infrastructure ENTSO-E opens for each TYNDP an dedicated application window during which promoters can apply for their project to be included in the community wide TYNDP. The application window for TYNDP2016 is in April 2015.



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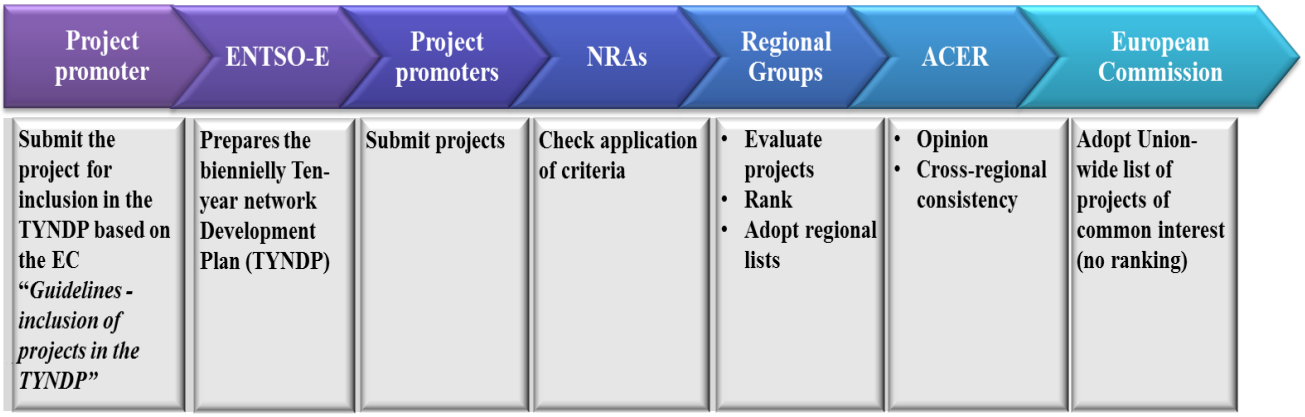
3. What is the link between the PCI and the TYNDP process?

According to the Regulation (EU) 347/2013 the ENTSO-E TYNDP acts as the sole basis to derive the list of Projects of Common Interest (PCI) following its publication, e.g. only a project that is part of the TYNDP 2016 is eligible to apply for the inclusion in the PCI list 2017.

The full process linking TYNDP development and PCI selection is visualized in the graph below.



More information can be accessed here.

4. How can I apply for my project to be included in the TYNDP 2016?

Please read the guidelines on how to apply here.

5. How will my application be handled?

Step 1: All the applications received between 1-30 April will be checked by ENTSO-E against the legal and the technical requirements presented in the EC guidelines. In case of missing information ENTSO-E will contact the promoter during the month of April and May in order to finalise its application.

Steps 2: Early June 2015 all the promoters will receive ENTSO-E answer (acceptance/rejection) to their application with the associated justification.

In case of disagreement with ENTSO-E decision, the project promoter can inform the EC. In case the EC, ENTSO-E and the promoter do not find an accepted solution, the project promoter has the right to ask ACER to carry out a review of the assessment and to take the final decision considering the ENTSO-E and promoters' justifications.

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6. What will happen with my project after it's acceptance for inclusion in the TYNDP?

After a project is accepted, meaning it fulfils all the technical and legal requirements set in the European Commissions' Guidelines on equal treatment and transparency criteria to be applied by ENTSO-E when developing its TYNDP as set out in Annex III 2(5) of Regulation (EU) No 347/2013, it will:

- Be publicly consulted during summer 2015. ENTSO-E will run on its website a two-month public consultation on the list of all candidate projects where all interested stakeholders can comment on the proposed projects.
- Be included in the final list of projects accepted for inclusion in the TYNDP 2016. The final list of accepted projects is to be published mid-September 2015 on the ENTSO-E website together with the outcome of the consultation process.
- Be assessed within the TYNDP 2016 framework based on the pan-European CBA methodology (approved by the EC on 4 February 2015) and the ENTSO-E scenarios (consulted and finalized during summer 2015). The benefits of each project considered for analysis includes: the increase in socio-economic welfare, the impact on security of supply, integration of renewable energy sources (RES), the reduction of carbon dioxide emissions, the impact a project has on transmission losses, as well as the resulting technical resilience of the system. More information on the CBA can be accessed here.

7. Can I still make changes to my project after it's acceptance for inclusion in the TYNDP?

Yes. ENTSO-E can incorporate the project promoter's changes as follows:

- During the open consultation on the TYNDP Projects List, information updates can be provided and officially recorded as a comment to the consultation.
- After the consultation ends, and before the TYNDP Projects List is validated, information updates can be sent via e-mails to ENTSO-E under the supervision of EC and ACER. ENTSO-E will do its best endeavours to account for project data updates in the TYNDP Project List and its base datasets, but is not liable if any proposed data update cannot or is not eventually implemented if the amendment would put the assessment process at risk. The proposed information update is published along with the remarks received during the consultation.
- Once the TYNDP Projects List is validated, information updates shall be sent via e-mails to ENTSO-E under the supervision of EC and ACER. ENTSO-E will do its best endeavours to account for project data updates in the CBA assessment of that specific project, but is not liable if any proposed data update cannot or is not eventually implemented if the amendment would put the assessment process at risk. Information updates received after the validation of the TYNDP Project List and before the finalisation of the TYNDP report will be reported in the TYNDP report, with an explanation about their implementation of not in the CBA assessment process.

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8. How will my project be assessed in the TYNDP, and what is the link with other projects?

The assessment of all the accepted projects is to be performed based on the pan –European CBA methodology. ENTSO-E will calculate the benefit of each project for all 2030 and 2020 scenarios as defined in the TYNDP 2016 framework. Considering the stage and the expected date of commissioning a project will be assessed as follows:

- Project to be commissioned by 2022 will be assessed by TOOT method[1] against the expected 2020 network if is acknowledged in the latest national plans or is having intergovernmental agreement, then the project
- Project to be commissioned by 2030 will be assessed by TOOT method against the expected 2030 network and PINT method[3] against the expected 2020 network if the project is acknowledged in the latest national plans or is having intergovernmental agreement.
- All other projects which do not fall under the previous categories will be assessed with PINT method against the expected 2030 network.

9. Who can I contact in case of questions about the application process?

Please send an email to ENTSO-E at: tyndp-application@entsoe.eu with the title: **clarification_***name of the project* or **application_*name of the project***, and we will get in touch you for any follow-up.

[1] Take Out One at the Time (TOOT)method, that consists of excluding grid element projects from the forecasted network structure on a one-by-one basis and to evaluate the load flows over the lines with and without the examined network reinforcement (a new line, a new substation, a new PST, ...);

[3] Put IN one at the Time (PINT)method, that considers each new item grid element on the given network structure one-by-one and evaluates the network flows over the lines with and without the examined network reinforcement.

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