
TYNDP 2020 - Practical guide for submitting a project in the online platform

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Document Use

This document is intended to provide simple step-by-step instructions on how to submit project in the TYNDP 2020 project collection platform.

For information on the criteria, required documentation, process and timeline, project promoters are asked to refer to the [Guidance for transmission and storage project promoters – Criteria for application and their treatment in the TYNDP2020](#).

Change log

Date	Change
17/10	Clarification of how to inform ENTSO-E of which project(s) a project promoter wants to formally submit
18/10	Addition of explanation on when to provide the standard cost
22/10	Addition of explanation on format of login to the online platform and of a link to retrieve the password
22/10	In the transmission form – Alignment of the field ‘Unbundling of project promoters’ with the categories specified in the Guidance under Section 4.1 Eligibility criteria, for clarity
22/10	In the transmission form – Addition of missing field after Cross-border or internal: If this is a cross-border line, specify the directly connected countries
22/10	In the transmission form - Clarification of the information expected in the no load losses and full load losses fields
4/12	Correction of the fields no load losses and full load losses (transmission)

1. ACCESS TO THE TYNDP ONLINE PLATFORM

If you have not been a project promoter in any of the previous TYNDPs, you will need to contact ENTSO-E in order to get credentials to access the online platform. Once created, your credentials will be sent to you by email and you will be able to submit a project.

Send an email to lea.dehaudt@entsoe.eu stating your:

- Name
- Email
- Company
- Contact Number
- Country

Promoters of projects who were in previous TYNDP(s) should already have access to the platform.

Your login should have this format: entsoe\[first letter of your first name][last name]

Example: entsoe\jsmith

(entsoe\ is part of the login, regardless of your company)

Password: to retrieve your password, go to this page:

<https://contacts.entsoe.eu/Pages/ExtranetPortalResetPassword.aspx>

If you experience any difficulty, please contact lea.dehaudt@entsoe.eu (please mention your project's number in the TYNDP 2018 projects database).

2. PROJECT SELECTION

Choose which type of project you would like to submit from the options at the bottom of the home page.



2.1. EDITING AN EXISTING PROJECT



If you had a project in TYNDP 2018, the project will automatically show up in your section. You will be able to modify your existing projects by clicking on edit button on the right hand side of the screen. Please ensure all data is up to date.

2.2. CREATING A NEW PROJECT



To add a new project, scroll to the bottom of the page and select a new project. When you select a new project, you will automatically be given a project number. Similarly, when you select a new investment you will automatically be given a new investment number.

The process to fill out the project is relatively self-explanatory, for more information please refer to the Guidance or contact lea.dehaudt@entsoe.eu.

3. FILLING IN ADMINISTRATIVE AND TECHNICAL DATA

After clicking on editing a project or creating a new project, you will see a submission form. It will allow you to submit the administrative and technical information and documentation required in the Guidance.

3.1. SUBMISSION FORM FOR TRANSMISSION PROJECTS

The table below replicates the online submission form that transmission project promoters will be required to fill in when applying to the TYNDP2020.

Please note that the name and order of the fields may vary slightly in the online form.

The submission form includes two tabs: project description and context, including administrative information, and technical data – investments.

First tab: Project description and context

Field	When necessary, further details on the information expected
Project description	Max 200 words
Unbundling of project promoters	Select one in 4 possible answers (please refer to the Guidance for the definition of each category, Section 4.1 Eligibility criteria) A1 A2 A3 B
Upload documentation related to unbundling/exemption	Upload documents – Please refer to the Guidance for the documentation required
Statutes of the registered undertakings	Upload documents - Please refer to the Guidance for the documentation required
Last available balance sheets submitted to the national tax office	Upload documents - Please refer to the Guidance for the documentation required
Technical expertise documentation	Upload documents - Please refer to the Guidance for the documentation required
Cross-border project?	Check one box: - This is a cross-border project - Internal project
If this is a cross-border line, specify the	Select in the list of countries

directly connected countries	
Status of the project	Select among the following options: <ul style="list-style-type: none"> - Under consideration - Planned but not yet permitting - In permitting - Under construction
Project promoter(s)	To be filled by ENTSO-E
Expected capacity transfer A to B - 2020	
Expected capacity transfer B to A - 2020	
Expected capacity transfer A to B - 2025	
Expected capacity transfer B to A - 2025	
Expected capacity transfer A to B - 2030	
Expected capacity transfer B to A - 2030	
Explanation of the use of the transfer capacity increase	Use the text field to comment. You also have the possibility to upload a document.
Timeline of the implementation plan	Upload document
The project complies with the following additional administrative criteria	Multiple choice, at least one must be checked. Please refer to the Guidance for information on each criteria. Options: PCI status in the last available PCI list Inclusion in last available version of an NDP Agreement with or support from an NRA/ministry Exemption Agreement with the TSOs concerned or positive feasibility study Studies
Upload here the documentation to prove compliance with the administrative criteria of your choice	Upload documents – Please refer to the Guidance for the documentation required for each criteria.
Comments – Please explain in a few lines why the project complies with the selected criteria	This information is for ENTSO-E’s team who will assess your application.
Is the project included in the last available version of a National Development Plan(s)?	If yes please indicate the title of the NDP, country, year, project number, page number, url
Tick this box if the project was in the 3 rd PCI list, and specify the PCI number	Checkbox + enter PCI number in the text field
Tick this box if the project is in the 4 th PCI list, and specify the PCI number	Checkbox + enter PCI number in the text field
Expected year of commissioning	
CAPEX [Meuro]	Not to be filled in - This number will be calculated automatically based on the CAPEX of each investment.

OPEX - yearly value [Meuro/year]	Not to be filled in - This number will be calculated automatically based on the OPEX of each investment.
Connection type	Choose between: <ul style="list-style-type: none"> - Interconnector - Generation connection
Other information on the project	Optional, use this field to provide any other information on the project you think is useful
Where can one find more information on the project?	For example: project website url, link to studies, etc
SPOC name	Provide here the name of the person serving as main point of contact with ENTSO-E
SPOC email	
SPOC phone number	Phone number including the country dialling code.
1st Substitute contact name	ENTSO-E will contact substitutes for urgent communication when the SPOC is not available (out of office notification, or the SPOC does not answer).
1st Substitute contact email	
1st Substitute contact phone number	(including country dialling code)
2 nd Substitute contact name	
2 nd Substitute contact name	
2 nd Substitute contact phone number	(including country dialling code)
General company email, phone number and post address	

Second tab: Technical data – Investments

Reason for investment clustering	If there are more than one investment in your project, explain here the reason for investment clustering. Investments can only be clustered upon justification by the project promoter, and if they are at close stages of maturity. Promoters must comply with the most recent version of the CBA methodology released by ENTSO-E.
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Click on “Add a new investment” or edit an existing one

Field	When necessary, further details on the information expected
Investment name	
This is the main investment of the project.	Check this box if the investment is the main investment of the project. One investment must be marked as ‘main investment’.
Evolution driver since TYNDP 2018	Select among the following options: <ul style="list-style-type: none"> - Investment on time - Rescheduled

	<ul style="list-style-type: none"> - Delayed - Cancelled - Ahead of time - New investment
Explanation in case of delay	
Technical description	Example: New double circuit 400kV OHL between [name of substation 1] – [name of substation 2]
From substation 1	Name of substation (if the investment is a line)
To substation 2	Name of substation (if the investment is a line)
TSO in charge of operating the substation 1	Select in the list
TSO in charge of operating the substation 2	Select in the list
Expected commissioning year	
Status	Select among the following options: <ul style="list-style-type: none"> - Under consideration - Planned but not yet permitting - In permitting - Under construction

Project network modelling data

Type of element/s	Choose among the following options: <ul style="list-style-type: none"> - Compensation - LCC converter station - Overhead line - Phase shift transformer - Subsea cable - Substation - Underground cable
Technology	Choose between: <ul style="list-style-type: none"> - AC - DC

If the selected technology is AC:

Type of conductor	
Size (mm ²)	
Nr. of conductors per phase	
Resistance (Ω /Km)	
Reactance (Ω /Km)	
Conductance (μ S/km)	
Please use this field to upload documents specifying the technical parameters of all line elements, transformers and notes affected by the investment	Upload documents

If the selected technology is DC:

Type of conductor	
Capacity of the investment [MW]	
Type of converter	Choose between: - VCS - LCC
Mvar capability range at terminals	
Expected yearly unavailability:	n/a
- Planned	
- Forced	
- Maximum single failure of	
Please use this field to upload documents specifying the technical parameters of all line elements, transformers and notes affected by the investment	Upload document
HVDC type	Choose between: - Monopolar - Bipolar
No load losses	idle losses in %
Full-load losses	losses at Pnom in %

(fields common to all transmission projects)

Total route length (Km)	
Km of the route to each border, if the infrastructure is a cross-border line/cable	
Nominal voltage [kV]	
Thermal limit - summer (Imax)	NB: For TYNDP2018 there was only one field for thermal limit. If your project was in the TYNDP2018 please doublecheck summer and winter values.
Thermal limit – winter (Imax)	
Bus-bar to bar-bus losses profile over MW range	
Cost Uncertainty Range (%)	
Project Complexity Factor (For Projects Under Consideration)	
Explanation of complexity	
Standard Cost	If you provide an estimated CAPEX for your investments there is no need to provide a standard cost. The standard cost is used (with the complexity factor) to reach a first estimation of the CAPEX only when there is no estimated CAPEX.
CAPEX at the commissioning year [M€]	Please refer to Annex 3 of the Guidance for information on how to fill in this field
OPEX yearly value [M€/year]	Please refer to Annex 3 of the Guidance for information on how to fill in this field

Map & drawing tool	Please select the investment in the list and draw only one item on the map.

3.2. SUBMISSION FORM FOR STORAGE PROJECTS

The table below replicates the online submission form that storage project promoters will be required to fill in when applying to the TYNDP2020.

Please note that the name and order of the fields may vary slightly in the online form.

Administrative information:

Field	When necessary, further details on the information required
Name	Write here the name of the project
Owner/promoter	
Country	Select in the list
Project description (200 words max)	Describe the project in a few lines.
Company existence – Upload the statutes of the registered undertaking(s)	Upload document(s)
Financial strength - Upload last available balance sheets	Upload document(s)
Technical expertise	Upload document(s)

Contact data - Main point of contact

SPOC Name	Please insert here the name of the person who serves as main point of contact for communication with ENTSO-E.
SPOC Email	
SPOC Contact Number	Please include the country dialling code.
1st substitute name	
1st substitute email	
1 st substitute phone number	Please include the country dialling code.
2nd substitute name	
2nd substitute email	
2nd substitute phone number	Please include the country dialling code.
General company contact (email, phone number, postal address)	

Tick this box if the project was in the 3 rd PCI list, and specify the PCI number.	Checkbox + text field to enter PCI number
Tick this box if the project is in the 4 th PCI list, and specify the PCI number.	Checkbox + text field to enter PCI number
Is the project included in the last available version of a National Development Plan?	If yes please indicate here: Title of the document, country, year, project number, page number, url
Use this comment box to provide	

explanation in the event the data indicated in the NDP differs from the data provided in this form	
The project complies with the following additional administrative criteria	<p>Multiple choice, at least one must be checked – Refer to the Guidance for more information on each additional administrative criteria</p> <p>Options:</p> <ul style="list-style-type: none"> PCI status in the last available PCI list Inclusion in last available version of an NDP Agreement with or support from an NRA/ministry Agreement with the TSO concerned Feasibility / pre-feasibility study
Upload here the documentation to prove compliance with the administrative criteria of your choice	Upload documents – Please refer to the Guidance for the required documentation for additional administrative criteria.
Comments – Please explain in a few lines why the project complies with the selected criteria	This information is for ENTSO-E’s team who will assess your application.
Status	<p>Select in the list:</p> <ul style="list-style-type: none"> - Under consideration - Planned but not yet permitting - In permitting - Under construction
Evolution driver since TYNDP 2018	<p>Select in the list:</p> <ul style="list-style-type: none"> - Project on time - Rescheduled - Delayed - Cancelled - Ahead of time - New project
Explanation in case of delay	
Project Complexity Factor (For Projects Under Consideration)	
Explanation of complexity	
Timeline of the implementation plan	Upload file
Standard cost	If you provided an estimated CAPEX for your project, there is no need to provide the standard cost. The standard cost is used (with the complexity factor) to reach a first estimation of the CAPEX only when there is no estimated CAPEX.

Technical criteria (mandatory):

Type of storage technology	
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Installed generating capacity

Total Turbining Capacity Max [MW]	
Total Turbining Capacity Min [MW]	
Total Pumping Capacity of Pump Storage Max [MW]	
Total Pumping Capacity of Pump Storage Min [MW]	

Total storage capacity

Installed Electrical Storage Capacity Maximum active power (MW)	
Installed Electrical Storage Capacity Minimum active power (MW)	
Installed Electrical Storage Capacity Maximum reactive power (Mvar)	
Installed Electrical Storage Capacity Minimum reactive power (Mvar)	

Storage Capacity [GWh]	
Roundtrip Efficiency [%]	
Efficiency comment	Use this field for comments if needed
Generating hours (h) (CAES projects only)	
Pumping/Charging hours (h) (CAES projects only)	
Name of connection point to the transmission infrastructure	
Voltage at the connection point (>=110kV)*	
Location of the project on the ENTSO-E map (UTM Co-ordinates)	
Storage project location name	
Timeline of implementation plans	
Features of required transmission infrastructure to connect the storage plant to the connection point	
Natural inflow (for PHES project only)	Yes/No answer
Natural flow profile – Upload excel file	Upload document
Other information on the project	Optional, use this field to provide any other information
Where can one find more information on the project?	For example: project website url, link to studies, etc
Estimated CAPEX [M€]	Please refer to the Guidance to fill in this field, especially Annex 3
Comments on estimated CAPEX	

Cost uncertainty range	
Estimated OPEX[M€]	Please refer to the Guidance to fill in this field, especially Annex 3
Comments on estimated OPEX	
Is the commissioning year confirmed?	Check the box if yes.
Expected commissioning year	
Expected lifetime of the storage unit [years]	
Other important additional information	
Drawing tool	Please draw only one item on the map.

4. SUBMITTING YOUR PROJECTS

When all information in the submission form is up-to-date and as complete as possible, send an email to lea.dehaudt@entsoe.eu stating that you are formally submitting your project(s), with the number and name of the project(s).

If you don't submit a project, it won't be assessed by ENTSO-E.

For information on the next steps after you submit your project, please consult the [Guidance](#).

Annex - Resources

Overview of available documentation on the TYNDP2020 process

[Guidance for transmission and storage project promoters – Criteria for application and their treatment in the TYNDP2020:](#)

The Guidance specifies:

- the administrative and technical criteria their project will be required to meet;
- the document and information they will be asked to submit to prove fulfilment of the criteria;
- the use and circulation of the information submitted;
- the procedure and timeline to apply to the TYNDP 2020.

[Applying to the TYNDP 2020 – A visual guide to the main steps](#)

CBA methodology

[CBA methodology 2.0](#)

Upcoming: draft CBA methodology 3.0

Contact person at ENTSO-E

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NB: In all written communication, please mention your project's number in the TYNDP projects database (appears on the top of the submission form)

Other sources of information: NRA and TSO contact details

[Contact details of National Regulatory Authorities](#)

[Contact details of TSOs](#)