



GRID CONNECTION PROCESS

Requirements for Generators (the RfG regulation)

Connection of generation facilities in the transmission grid (type D)

Note: Not applicable to connections in the distribution grid

This is a translation. In case of inconsistencies, the Danish version applies.

OUTLINE: GRID CONNECTION

See the full process in the next pages

In outline, a connection to the transmission grid requires three permits in the EU regulation [Requirements for Generators \(RfG\)](#)

Energisation operational notification (EON)

Authorisation to energise the facility internally and to energise any auxiliary supplies via the grid connection point.

Interim operational notification (ION)

Authorisation to operate the generation facility and generate power via the grid connection point for a maximum of 24 months. Used during the test period to demonstrate compliance with applicable technical requirements.

Final operational notification (FON)

Authorisation to operate the generation facility via the grid connection.

GRID CONNECTION OF FACILITIES

Clarification: distribution grid or transmission grid (duration: 3-6 months).

NEW FACILITY

- The facility owner contacts the local grid operator for a clarification of the point of connection.

SCREENING

- The grid operator and Energinet make screening analyses to determine if the facility is to be connected in the distribution or transmission grid.

TRANSMISSION / DISTRIBUTION

- The grid operator and Energinet determine a point of connection in either the distribution or transmission grid.

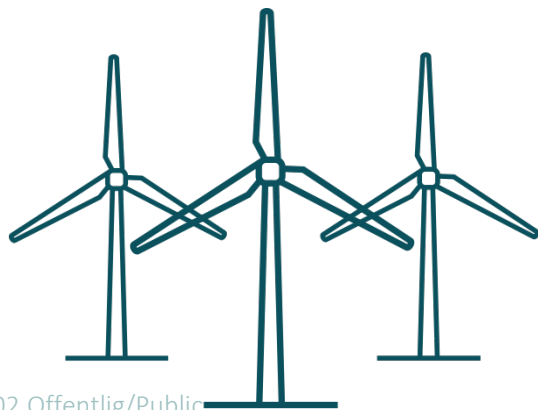
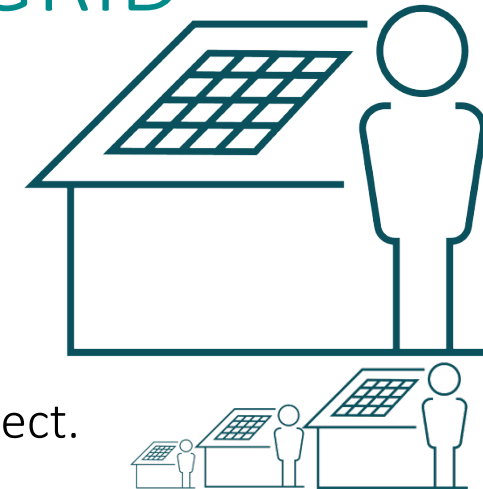
FACILITY CONNECTION DECIDED

- The grid operator informs the facility owner of the decision made on a connection in the distribution or transmission grid.

GRID CONNECTION IN THE TRANSMISSION GRID (TYPE D FACILITIES)

Clarification of technical issues (duration: 6-24 months).

- The facility owner contacts Energinet for answers to any general technical questions.
- If Energinet must make calculations/analyses in order to answer, we will set up a project. The facility owner pays for the hours spent on calculations/analyses.
- The facility owner provides the necessary guarantee.
- If the connection requires changes in the grid, Energinet will set up a project and have the basis for this project approved.



GRID CONNECTION IN THE TRANSMISSION GRID (TYPE D FACILITIES)

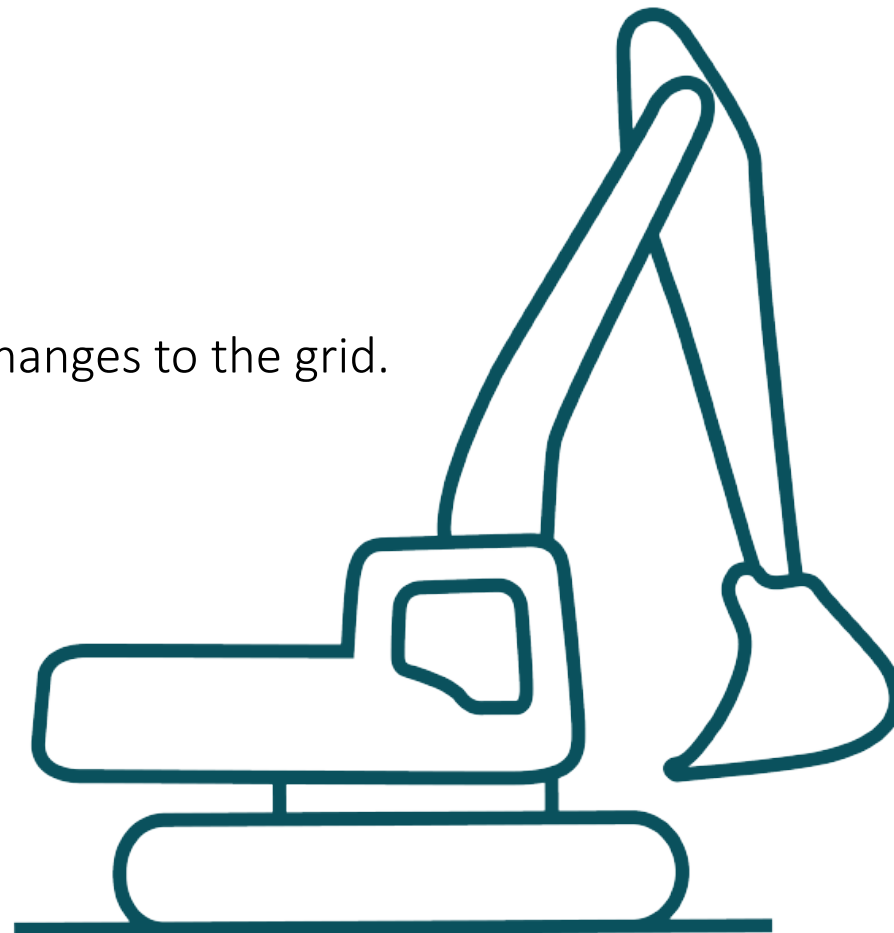
Project maturation – preliminary steps (duration: 6-18 months).

- The facility owner and Energinet enter into an agreement on project maturation (preliminary steps before the construction phase)
 - includes a time schedule for the project.
- Energinet makes the necessary calculations and analyses.
- The facility owner and Energinet enter into a grid connection agreement (covers both the construction phase and the grid-connected facility)
 - includes, among other things, terms and conditions for the construction of a connection station, establishment of the point of connection and an interconnection agreement.
- Energinet adds the facility to the master data register. The facility is given a GSRN number.
- The facility owner submits documentation of an agreement with a balance-responsible party.

THE CONSTRUCTION PHASE

(duration: 12-36 months).

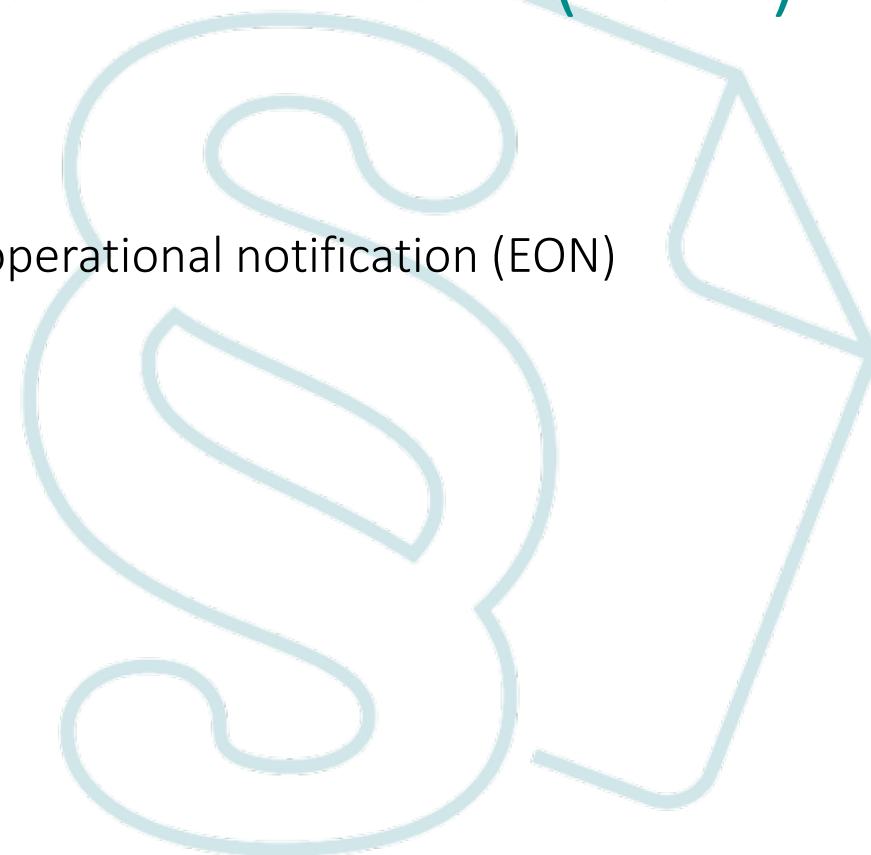
- The facility owner builds the facility.
- At the same time, Energinet makes any necessary changes to the grid.



ENERGISATION OPERATIONAL NOTIFICATION (EON)

(procedure time: 1-3 months).

- The facility owner contacts Energinet to get an energisation operational notification (EON)



INTERIM OPERATIONAL NOTIFICATION (ION)

(procedure time: minimum 3 months)

- The facility owner contacts Energinet to get an interim operational notification.
- The facility owner submits documentation in accordance with network code (RfG) requirements, a draft test plan and technical data.
- Energinet reviews the documentation.
- Energinet issues an interim operational notification.
 - The facility owner can operate under an interim operational notification for maximum 24 months. (an extension can be given if documentation of significant progress in the process to meet the requirements is submitted).

TEST

(duration: 3-12 months).

- Energinet reviews the quality of the draft.
 - The draft must comply with the final checklist (commissioning plan) from Control Centre Electricity.
 - The facility owner prepares a final test plan (when, who, what)
 - may, for example, include tests of handling of notifications and schedules in the operational planning system, bids in the market and SCADA functions.

FINAL OPERATIONAL NOTIFICATION (FON)

(procedure time: minimum 3 months)

- The facility owner applies for a final operational notification.
- Energinet reviews test data.
- Energinet either approves test data or asks for a new test to be done.
- Energinet prepares a final operational notification when test data have been approved.
- Energinet issues final operational notification.

