

Scenarios Grid

TYNDP 2026 Scenarios



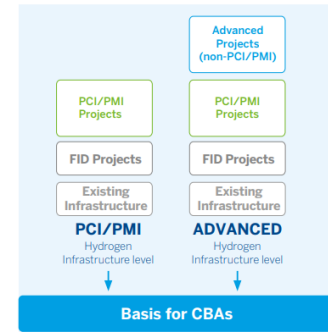
Electricity vs H2 reference grid according to CBA Guidelines

Electricity reference grid:

- a) In construction phase, or
- b) Completed EIA, or
- c) Permitting or planned, but not yet permitting. This requirement can be strengthened by:
 - NDP
 - Legal requirements as stated in the specific national framework
 - Defined position with respect to the Final Investment Decision (FID)

H2 reference grid:

- **PCI/PMI** - contains project which have received PCI/PMI status in the last completed PCI project
 - Existing
 - FID
 - PCI/PMI
 - Modifications by requests of EC concerning import corridors
- **Advanced:**
 - Commissioning date ≤ 2030
 - NDP or the project was successfully consulted through a market test (non-binding)
 - Modifications by requests of EC concerning import corridors

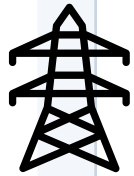


- **Under Consideration:** Investments in phase of planning studies and under consideration for inclusion in national plan(s) and Regional/EU-wide TYNDPs of ENTSOE

- **Less-Advanced:** in concept, design and in planning but do not fulfil the advanced criteria

Scenarios Grid

2030



ELECTRICITY:

- Under Construction
- Completed EIA



HYDROGEN:

- PCIPMI
- Advanced

2035

ELECTRICITY:

- Under Construction
- Completed EIA
- In permitting / Planned, but not yet permitting

HYDROGEN:

- PCIPMI
- Advanced

2040

ELECTRICITY:

- Under Construction
- Completed EIA
- In permitting / Planned, but not yet permitting

HYDROGEN:

- PCIPMI
- Advanced
- Less-Advanced

2050

ELECTRICITY:

- Under Construction
- Completed EIA
- In permitting / Planned, but not yet permitting
- Under Consideration
- Conceptual

HYDROGEN:

- PCIPMI
- Advanced
- Less-Advanced
- Conceptual

Conceptual Projects

Conceptual projects (not yet submitted in TYNDP cycle) are those candidates for which TSOs were already investigating the possibility of potential new interconnection capacity, therefore, economic parameters of such project candidates could be to some degree uncertain but very probable and technically justifiable. In some cases, even preliminary technical studies were performed to analyse potential new connections.

Justification: Based on studies / SoS / decarbonization /etc

- To be submitted together with the projects
- Will be published as part of TYNDP 2026 Scenarios Report

Interconnection capacity increase:

- Agreed by both parties
 - if not aligned, min capacity proposed by country A and B
- On existing borders
- Non-existing borders: Only with neighbouring countries:
 - Onshore: physical border
 - Offshore: neighbouring hubs

Threshold:

- 2030 interconnection capacity **x2(*)** in 2050, or
- 2040 interconnection capacity **x1.5(*)** in 2050

(*) Will be calculated based on peak demand increases.