Interconnection between Revsning (DK) and Bicker Fen (UK) [currently known as ‘Viking Link’]

PCI MONITORING 2020

GENERAL DATA

Project promoters
Energinet.dk, National Grid
Interconnector Holdings Limited (NGHIL)

PCI number
1.14

EU TYNDP 2018 project code
167

Project category
Transmission

Priority corridor
NSOG

Hosting countries
Denmark (DK) United Kingdom (GB)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
www.viking-link.com

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Dec-2023</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Dec-2023</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>1544</td>
<td>0</td>
<td>+15/-15</td>
<td>24.8</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

The expected total investment cost decreased due to the following reason(s): Better cost estimation (including increased accuracy, reduction of risk add-ons, or higher cost certainty after finalisation of tender process)

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Public consultation; Negotiations with landowners and land acquisition; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation); Construction; Other works or activities
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 2017</td>
<td>March 2019</td>
</tr>
<tr>
<td>April 2016</td>
<td>May 2019</td>
</tr>
<tr>
<td>August 2019</td>
<td>September 2023</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Exemption</th>
<th>The project promoter(s) have not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

The cable also crosses Dutch and German waters.
Interconnection between the Antwerp area (BE) and the vicinity of Kemsley (UK) [currently known as “Nautilus”]

PCI MONITORING 2020

GENERAL DATA

Project promoters
National Grid Interconnector Holdings Limited (NGHIL), Elia System Operator SA

PCI number
1.15

EU TYNDP 2018 project code
121

Project category
Transmission

Priority corridor
NSOG

Hosting countries
United Kingdom (GB) Belgium (BE)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under consideration</td>
<td>Jan-2028</td>
</tr>
<tr>
<td>2019</td>
<td>Under consideration</td>
<td>Jan-2028</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>900</td>
<td>No data</td>
<td>No data</td>
<td>8</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
The expected total investment cost decreased due to the following reason(s): Updated route: expected cable length decreased from 250 km to 180 km. Updated cost information via discussions with suppliers;

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; STUDY: technical feasibility; STUDY: socio-economic feasibility; Identification of alternative solutions / site identification
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>No data</td>
<td>No data</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

The project promoter indicated that the location in the PCI name are no longer the assumed connection points.

---

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.

2 Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.

3 For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable.


Interconnection between Netherlands and United Kingdom
PCI Monitoring 2020

GENERAL DATA

Project promoters
National Grid Interconnector Holdings Limited (NGHIL), TenneT TSO B.V. (NL)

PCI number
1.16

EU TYNDP 2018 project code
260

Project category
Transmission

Priority corridor
NSOG

Hosting countries
United Kingdom (GB) Netherlands (NL)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is partially included in the relevant NDPs

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under consideration</td>
<td>Dec-2030</td>
</tr>
<tr>
<td>2019</td>
<td>Under consideration</td>
<td>Dec-2030</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>850</td>
<td>0</td>
<td>+10/-10</td>
<td>6</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: socio-economic feasibility

CURRENT IMPLEMENTATION PLAN

1The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval(^2)</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting(^3)</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>No data</td>
<td>No data</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption(^4)</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation(^5)</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives(^6)</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

**NOTES**

- date is defined by the last section/element.

\(^2\) Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.

\(^3\) For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits ("start date") until the date when the last permit is obtained ("end date") pursuant to the national rules applicable.


\(^5\) Art. 12 of Regulation (EU) No 347/2013

\(^6\) Art. 13 of Regulation (EU) No 347/2013
**General Data**

**Project promoters**
Corre Energy Storage BV

**PCI number**
1.17

**EU TYNDP 2018 project code**
1013

**Project category**
Storage

**Priority corridor**
NSOG

**Hosting countries**
Netherlands (NL)

**Reference date**
31 January 2020

**Reporting period**
1 February 2019 - 31 January 2020

**PCI website**
https://correenergystorage.nl/

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**Technical Modifications During the Reporting Period**

No technical modification was reported

**Inclusion in the National Development Plan**

The project is neither included nor present in the relevant NDP(s).

**Reason for non-inclusion:**
The project is a privately promoted electricity storage project, inclusion in NDP has not been requested.

**Status and Progress of the Project**

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>May-2025</td>
</tr>
<tr>
<td>2019</td>
<td>Under consideration</td>
<td>Jul-2024</td>
</tr>
</tbody>
</table>

**Annual progress:** Delayed

**Main reason for rescheduling/delay:**
PERMITTING: National law changes affecting permitting (in the Netherlands)

**Cost Data**

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>400</td>
<td>No data</td>
<td>+10/-15</td>
<td>27</td>
</tr>
</tbody>
</table>

**Progress of costs during the reporting period / Reasons for changes:**

No change of costs was reported

**Works/Activities Carried Out During the Reporting Period**

STUDY: technical feasibility; STUDY: socio-economic feasibility; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Tendering
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>Jun-2020</td>
<td>Aug-2020</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Jun-2020</td>
<td>Jul-2022</td>
</tr>
<tr>
<td>Construction</td>
<td>Feb-2022</td>
<td>Feb-2025</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Not applicable/available to electricity storage projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td></td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td></td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td></td>
</tr>
</tbody>
</table>

NOTES

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
2 Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.
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5 Art. 12 of Regulation (EU) No 347/2013
6 Art. 13 of Regulation (EU) No 347/2013
**GENERAL DATA**

**Project promoters**
TM iLand

**PCI number**
1.18

**EU TYNDP 2018 project code**
1002

**Project category**
Storage

**Priority corridor**
NSOG

**Hosting countries**
Belgium (BE)

**Reference date**
31 January 2020

**Reporting period**
1 February 2019 - 31 January 2020

**PCI website**
https://www.iland-energystorage.be

**TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD**

No technical modification was reported

**INCLUSION IN THE NATIONAL DEVELOPMENT PLAN**

The project is included in the relevant NDP(s)

**Reason for non-inclusion:**
N/A

**STATUS AND PROGRESS OF THE PROJECT**

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Apr-2024</td>
</tr>
<tr>
<td>2019</td>
<td>Planned but not yet in permitting</td>
<td>Apr-2024</td>
</tr>
</tbody>
</table>

**Annual progress:** On time

**Main reason for rescheduling/delay:**
N/A

**COST DATA**

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>493</td>
<td>0</td>
<td>No data</td>
<td>2.1</td>
</tr>
</tbody>
</table>

**Progress of costs during the reporting period / Reasons for changes:**

No change of costs was reported

**WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD**

STUDY: environmental; STUDY: spatial planning; STUDY: technical feasibility; STUDY: socio-economic feasibility

**CURRENT IMPLEMENTATION PLAN**

1The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference.
Offshore hydro-pumped electricity storage facility in Belgium [currently known as ‘iLand’]

PCI REPORT 2020

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval¹</td>
<td>Oct-2018</td>
<td>Apr-2019</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Oct-2020</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>No data</td>
<td>No data</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
</tbody>
</table>

NOTES

In May 2019 Electrabel decided to withdraw from the THV iLand Agreement. THV iLand’s corporate structure was modified into a “Tijdelijke Maatschap” (i.e. Tijdelijke Maatschap iLand, or “TM iLand”)

date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.

¹ Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country

² For PCs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable


⁴ Art. 12 of Regulation (EU) No 347/2013

⁵ Art. 13 of Regulation (EU) No 347/2013

⁶ Art. 13 of Regulation (EU) No 347/2013
France — Ireland interconnection between La Martyre (FR) and Great Island or Knockraha (IE) [currently known as ‘Celtic Interconnector’]

PCI MONITORING 2020

GENERAL DATA

Project promoters
EirGrid plc, Réseau de Transport d’Electricité (RTE)

PCI number
1.6

EU TYNDP 2018 project code
107

Project category
Transmission

Priority corridor
NSOG

Hosting countries
Ireland (IE) France (FR)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
www.celticinterconnector.eu

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Nov-2026</td>
</tr>
<tr>
<td>2019</td>
<td>Planned but not yet in permitting</td>
<td>Nov-2026</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>930</td>
<td>0</td>
<td>+15/−12</td>
<td>8.4</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: technical feasibility; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>Jun-2013</td>
<td>Dec-2013</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Mar-2019</td>
<td>Mar-2022</td>
</tr>
<tr>
<td>Construction</td>
<td>Mar-2022</td>
<td>May-2026</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The project promoter(s) submitted an investment request in Sep-2018. The investment request was deemed complete by the NRAs in Nov-2018. The decision was issued in Apr-2019.</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

¹ The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
² Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.
³ For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable.
Interconnection between Thusis/Sils (CH) and Verderio Inferiore (IT) [currently known as ‘Greenconnector’]

PCI MONITORING 2020

GENERAL DATA

Project promoters
Worldenergy SA, Greenconnector AG, Greenconnector Srl

PCI number
2.14

EU TYNDP 2018 project code
174

Project category
Transmission

Priority corridor
NSI-WEST

Hosting countries
Italy (IT) Switzerland (CH)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
www.greenconnector.it

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2024</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Dec-2024</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>660</td>
<td>20</td>
<td>+15/-10</td>
<td>2</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Other works or activities
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>Jan-2005</td>
<td>Aug-2014</td>
</tr>
<tr>
<td>Permit granting</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>Oct-2021</td>
<td>Sep-2024</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

Note 1: The location of the substation on the Swiss side is Bonaduz.   Note 2: Permit granting in Italy ended in August 2014, permit granting in Switzerland is still ongoing.
GENERAL DATA

Project promoters
Red Eléctrica de España S.A. (REE), Rede Eléctrica Nacional S.A. (REN)

PCI number
2.17

EU TYNDP 2018 project code
4

Project category
Transmission

Priority corridor
NSI-WEST

Hosting countries
Portugal (PT) Spain (ES)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2022</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Dec-2021</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:
PERMITTING: Delays due to environmental problems

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>111.94</td>
<td>0</td>
<td>+10/-10</td>
<td>1.092</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; STUDY: technical feasibility; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents; Tendering; Construction
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>May-2008</td>
<td>Feb-2019</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Jun-2013</td>
<td>Nov-2021</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Reason</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.

2 Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.

3 For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable.


GENERAL DATA

Project promoters
TIWAG-Tiroler Wasserkraft AG

PCI number
2.18

EU TYNDP 2018 project code
1001

Project category
Storage

Priority corridor
NSI-WEST

Hosting countries
Austria (AT)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is neither included nor present in the relevant NDP(s), but considered within the NDP studies and/or taken into account as a network connection project by a TSO

Reason for non-inclusion:
The project is a storage project, and storage projects are normally not included in the Austrian NDP.

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Feb-2034</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Feb-2034</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>1511</td>
<td>597.9</td>
<td>+6/-1</td>
<td>12.89</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Other works or activities
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval5</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting5</td>
<td>Jul-2012</td>
<td>Feb-2027</td>
</tr>
<tr>
<td>Construction</td>
<td>Sep-2027</td>
<td>Feb-2034</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Not applicable/available to electricity storage projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption4</td>
<td></td>
</tr>
<tr>
<td>Cross Border Cost Allocation5</td>
<td></td>
</tr>
<tr>
<td>Project specific risk-based incentives6</td>
<td></td>
</tr>
</tbody>
</table>

NOTES

Note 1: Based on the information provided by the Austrian NRA the project is listed as a network connection project by a TSO and reflected in terms of capacity increase in the used scenarios. Note 2: The project promoter indicated that the later investment costs (Sustaining CAPEX) value provided is calculated for a operational time of 90 years.

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GENERAL DATA

Project promoters
Elia System Operator SA

PCI number
2.23

EU TYNDP 2018 project code
297

Project category
Transmission

Priority corridor
NSI-WEST

Hosting countries
Belgium (BE)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2025</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Dec-2025</td>
</tr>
</tbody>
</table>

Annual progress: On time
Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>190.09</td>
<td>0</td>
<td>+5/-0</td>
<td>0.33</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
The expected total investment cost increased due to the following reason(s): Changes in the actual / expected prices of raw material and/or equipment used for the project

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation); Construction
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data</td>
<td>Sep-2011</td>
</tr>
<tr>
<td>Jan-2017</td>
<td>Oct-2017</td>
</tr>
<tr>
<td>Sep-2017</td>
<td>Dec-2025</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Exemption</th>
<th>The project promoter has not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

Investment item BRABO II: Zandvliet-Lillo-Liefkenshoek and investment item 380kV substation Lillo, including a 380/150 kV transformer are under construction (expected commissioning date: Dec-2020); Investment item BRABO III: Liefkenshoek-Mercator is in permitting (expected commissioning date: Dec-2025)

---

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Interconnection between Codrongianos (IT), Lucciana (Corsica, FR) and Suvereto (IT) [currently known as ‘SACOI 3’]

PCI MONITORING 2020

GENERAL DATA

Project promoters
Terna - Rete Elettrica Nazionale S.p.A, Electricite de France (EDF)

PCI number
2.4

EU TYNDP 2018 project code
299

Project category
Transmission

Priority corridor
NSI-WEST

Hosting countries
Italy (IT)  France (FR)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

The project has been updated considering the outcomes of the public consultation, both in Italy and in Corsica. Part of the existing overhead lines will be replaced by underground cables, and the design of the converter station in Italy has been revised.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is partially included in the relevant NDPs

Reason for non-inclusion:
The project is presented as a unique investment in the NDP of Italy. The project is included in the Corsican Energy Plan (PPE)

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2024</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Dec-2024</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>900</td>
<td>No data</td>
<td>+10/-10</td>
<td>7</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
The expected total investment cost increased due to the following reason(s): Extra costs due to safety, environmental or legal requirements imposed during permit granting process

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>No data</td>
<td>Feb-2012</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Feb-2019</td>
<td>Dec-2021</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2022</td>
<td>Dec-2024</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

- 

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Interconnection between Aquitaine (FR) and the Basque country (ES) [currently known as ‘Biscay Gulf’]

PCI MONITORING 2020

GENERAL DATA

**Project promoters**
Red Eléctrica de España S.A. (REE), Réseau de Transport d’Electricité (RTE)

**PCI number**
2.7

**EU TYNDP 2018 project code**
16

**Project category**
Transmission

**Priority corridor**
NSI-WEST

**Hosting countries**
Spain (ES)  France (FR)

**Reference date**
31 January 2020

**Reporting period**
1 February 2019 - 31 January 2020

**PCI website**

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

Change of the subsea route of the cable due to the unexpected finding of a major seabed instability during the spring 2019 geotechnical campaign.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Aug-2027</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>May-2025</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:
Delays due to technological reasons (including any changes, re-routing and/or siting or re-siting of facility(ies) initiated by the PP)

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>1750</td>
<td>No data</td>
<td>No data</td>
<td>10.2</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: technical feasibility; STUDY: socio-economic feasibility; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents; Detailed technical design; Tendering
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Jun-2017</td>
<td>May-2023</td>
</tr>
<tr>
<td>Construction</td>
<td>Sep-2023</td>
<td>Jul-2027</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The project promoter(s) submitted an investment request in Mar-2017. The NRA decision was issued in Sep-2019.</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

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Internal line between Osterath and Philippsburg (DE) to increase capacity at western borders [currently known as “Ultranet”]

PCI MONITORING 2020

GENERAL DATA

Project promoters
Amprion GmbH, TransnetBW GmbH

PCI number
2.9

EU TYNDP 2018 project code
254

Project category
Transmission

Priority corridor
NSI-WEST

Hosting countries
Germany (DE)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://www.transnetbw.de/de/ultranet; https://ultranet.amprion.net/

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2024</td>
</tr>
<tr>
<td>2019</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2023</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:
PERMITTING: Delays due to other permit granting reasons (i.e. change of the location of the converter resulted in change in the permit granting procedure)

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>1070</td>
<td>No data</td>
<td></td>
<td>8.6</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation)
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>May-2012</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Apr-2019</td>
</tr>
<tr>
<td>Construction</td>
<td>Dec-2021</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Exemption⁴</th>
<th>The project promoter(s) have not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

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Internal line in Germany between Wolmirstedt and Isarto increase internal North-South transmission capacity [currently known as SuedOstLink]

PCI MONITORING 2020

GENERAL DATA

Project promoters
50Hertz Transmission GmbH, TenneT TSO GmbH (DE)

PCI number
3.12

EU TYNDP 2018 project code
130

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Germany (DE)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported. However, based on the assessment of technical, economical and environmental feasibility the project promoters made the decision to implement the project at the 525kV voltage level.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2025</td>
</tr>
<tr>
<td>2019</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2025</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>2800</td>
<td>No data</td>
<td>22.4</td>
<td></td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; STUDY: technical feasibility; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Tendering; Other works or activities
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>May-2012</td>
<td>Jul-2013</td>
</tr>
<tr>
<td>Jan-2020</td>
<td>Sep-2022</td>
</tr>
<tr>
<td>Aug-2022</td>
<td>Dec-2025</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

| Exemption⁴ | The project promoter(s) have not submitted such a request |
| Cross Border Cost Allocation⁵ | The project promoter(s) have not submitted such a request |
| Project specific risk-based incentives⁶ | The project promoter(s) have not submitted such a request |

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⁵ Art. 12 of Regulation (EU) No 347/2013

⁶ Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

Project promoters
Slovenská elektrizačná prenosová sústava a.s. (SEPS), Magyar Villamosenergia-ipari Átviteli Rendszerirányító Zrt. (MAVIR)

PCI number
3.17

EU TYNDP 2018 project code
48

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Hungary (HU) Slovakia (SK)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Dec-2020</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Dec-2020</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
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<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>56.87</td>
<td>60</td>
<td>+10/-10</td>
<td>2.77</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
The expected total investment cost increased due to the following reason(s): Better cost estimation (including increased accuracy, reduction of risk add-ons, or higher cost certainty after finalisation of tender process)

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation); Other works or activities
CURRENT IMPLEMENTATION PLAN¹

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>Oct-2010</td>
<td>Mar-2014</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Mar-2016</td>
<td>Mar-2020</td>
</tr>
<tr>
<td>Construction</td>
<td>Aug-2019</td>
<td>Dec-2020</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

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⁵ Art. 12 of Regulation (EU) No 347/2013

⁶ Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

Project promoters
Terna - Rete Elettrica Nazionale S.p.A,
ELES d.o.o.

PCI number
3.21

EU TYNDP 2018 project code
150

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Italy (IT)  Slovenia (SI)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://www.eles.si/en/high-voltage-direct-
current-interconnector-between-slovenia-and-
italy  https://www.terna.it/en/projects/projects-
common-interest

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is partially included in the NDP of Italy; The project is present as an “under consideration” project in the NDP of Slovenia

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under consideration</td>
<td>No data</td>
</tr>
<tr>
<td>2019</td>
<td>Under consideration</td>
<td>after 2030</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>755</td>
<td>No data</td>
<td>+15/-15</td>
<td>4</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: technical feasibility; STUDY: socio-economic feasibility; Identification of alternative solutions / site identification; Preparation of permitting files, contracts and other documents
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>Jan-2011</td>
<td>Oct-2012</td>
</tr>
<tr>
<td>Permit granting</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>No data</td>
<td>No data</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

The project is in permitting in Italy (expected commissioning date: Dec-2028). The project is under consideration in Slovenia. In order to reach a final investment decision on the Slovenian side, a technical-socio-economic feasibility study is being prepared. Actual implementation would be technically possible only after 2028 (if a positive final investment decision is made).

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Hydro-pumped electricity storage in Yadenitsa (BG)

PCI MONITORING 2020

GENERAL DATA

Project promoters
Natsionalna Elektricheska Kompania EAD (NEK)

PCI number
3.23

EU TYNDP 2018 project code
1003

Project category
Storage

Priority corridor
NSI-EAST

Hosting countries
Bulgaria (BG)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://nek.bg/index.php/bg/za-nas/yadenitsa

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2027</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Jul-2025</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:

Delays related to acquisition of or access to land

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>176</td>
<td>No data</td>
<td>No data</td>
<td>2</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition

CURRENT IMPLEMENTATION PLAN

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>No data</td>
<td>Dec-1994</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Aug-2014</td>
<td>May-2019</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2022</td>
<td>Dec-2027</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

| Exemption                      | Not applicable/available to electricity storage projects |
| Cross Border Cost Allocation   | Not applicable/available to electricity storage projects |
| Project specific risk-based incentives | Not applicable/available to electricity storage projects |

NOTES

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- Art. 12 of Regulation (EU) No 347/2013
- Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

Project promoters
Terna Energy S.A.

PCI number
3.24

EU TYNDP 2018 project code
1006

Project category
Storage

Priority corridor
NSI-EAST

Hosting countries
Greece (GR)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
www.hps-amfilochia.gr

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

The connection scheme from the Powerhouses up to HV Line was modified from open-air High Voltage Center to GIS.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2024</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Jun-2024</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:
Delays due to financing reasons

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>502</td>
<td>20</td>
<td>+5/-0</td>
<td>10.45</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Other works or activities
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>Dec-2009</td>
<td>Aug-2012</td>
</tr>
<tr>
<td>Permit granting</td>
<td>May-2015</td>
<td>Aug-2019</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
</tbody>
</table>

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5 Art. 12 of Regulation (EU) No 347/2013

6 Art. 13 of Regulation (EU) No 347/2013
General Data

Project promoters

PCI number
3.27

EU TYNDP 2018 project code
29

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Italy (IT) Tunisia (TN)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

Technical Modifications during the Reporting Period
No technical modification was reported

Inclusion in the National Development Plan
The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

Status and Progress of the Project

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2027</td>
</tr>
<tr>
<td>2019</td>
<td>Under consideration</td>
<td>Dec-2027</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

Cost Data

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>600</td>
<td>No data</td>
<td>No data</td>
<td>3</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

Works/Activities Carried Out During the Reporting Period
STUDY: spatial planning; STUDY: technical feasibility; Identification of alternative solutions / site identification; Preparation of permitting files, contracts and other documents

Current Implementation Plan

1The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference
### REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Exemption⁴</th>
<th>The project promoter(s) have not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The project promoter(s) have not submitted such a request</td>
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<tr>
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</tr>
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GENERAL DATA

Project promoters
Alpe Adria Energia Srl

PCI number
3.4

EU TYNDP 2018 project code
210

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Italy (IT) Austria (AT)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://corporate.enel.it/en/stories/a/2017/01/alpe-adria-energia

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the NDP of Italy. The project is not included in the NDP of Austria.

Reason for non-inclusion:
The reason for non-inclusion in the NDP of Austria has not been specified.

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Aug-2023</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Oct-2022</td>
</tr>
</tbody>
</table>

Annual progress: Delayed
Main reason for rescheduling/delay:
PERMITTING: Delays due to other permit granting reasons (not specified)

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>90.4</td>
<td>No data</td>
<td>+7/-7</td>
<td>0.8</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; STUDY: technical feasibility; Identification of alternative solutions / site identification; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>May-2021</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

| Exemption | The project promoter submitted an exemption request in Dec-2019. The complete exemption request was received by the Austrian NRA in Jan-2020. The exemption request was received by the Italian NRA in Feb-2020. |
| Cross Border Cost Allocation | The project promoter has not submitted such a request |
| Project specific risk-based incentives | The project promoter has not submitted such a request |

NOTES

Note 1: The Italian NRA notes that by its Opinion 674/2018, ARERA considered PCI 3.4 to be included in the Italian NDP. Note 2: The Austrian NRA does not consider the commissioning date expected by the project promoter realistic as the latest development shows that the network connection will not be possible before 2025/2026. The Italian NRA notes that the project commissioning date provided by the promoter may be subject to further delays, due to still ongoing permitting process.

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
2 Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.
3 For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable.
GENERAL DATA

- **Project promoters**: Energiasalv Pakri OÜ
- **PCI number**: 4.6
- **EU TYNDP 2018 project code**: 1004
- **Project category**: Storage
- **Priority corridor**: BEMIP
- **Hosting countries**: Estonia (EE)
- **Reference date**: 31 January 2020
- **Reporting period**: 1 February 2019 - 31 January 2020
- **PCI website**: www.energiasalv.ee

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>May-2028</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>May-2028</td>
</tr>
</tbody>
</table>

Annual progress: On time
Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>496</td>
<td>No data</td>
<td>+15/-15</td>
<td>6.5</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
The expected total investment cost increased due to the following reason(s): Change in price calculation methodology. The part of the construction costs were presented as a OPEX earlier, now all the costs are presented in CAPEX

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; STUDY: technical feasibility; STUDY: socio-economic feasibility; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>Oct-2016</td>
<td>Mar-2018</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Oct-2016</td>
<td>Sep-2020</td>
</tr>
<tr>
<td>Construction</td>
<td>Dec-2019</td>
<td>Dec-2026</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
</tbody>
</table>

NOTES

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.

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5 Art. 12 of Regulation (EU) No 347/2013

6 Art. 13 of Regulation (EU) No 347/2013
# Capacity increase of hydro-pumped electricity storage at Kruonis (LT)

**PCI Monitoring 2020**

## General Data

- **Project promoters**: AB Ignitis gamyba
- **PCI number**: 4.7
- **EU TYNDP 2018 project code**: 1009
- **Project category**: Storage
- **Priority corridor**: BEMIP
- **Hosting countries**: Lithuania (LT)
- **Reference date**: 31 January 2020
- **Reporting period**: 1 February 2019 - 31 January 2020

## Technical Modifications during the Reporting Period

No technical modification was reported.

## Inclusion in the National Development Plan

The project is present as an "under consideration" project in the relevant NDP

**Reason for non-inclusion**: N/A

## Status and Progress of the Project

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under consideration</td>
<td>Dec-2025</td>
</tr>
<tr>
<td>2019</td>
<td>Under consideration</td>
<td>Dec-2024</td>
</tr>
</tbody>
</table>

**Annual progress**: Rescheduled

**Main reason for rescheduling/delay**: Project was still at an initial stage (under studies) and therefore the previous implementation plan was preliminary.

## Cost Data

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>120</td>
<td>No data</td>
<td>+10/-10</td>
<td>1.9</td>
</tr>
</tbody>
</table>

**Progress of costs during the reporting period / Reasons for changes**: The expected total investment cost decreased due to the following reason(s): A market consultation during the technological feasibility study provided a better estimation of the budget of the project.

## Works/Activities Carried Out during the Reporting Period

- **Study**: technical feasibility; Study: socio-economic feasibility; Other works or activities
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>No data</td>
<td>No data</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
</tbody>
</table>

NOTES

The project is in study phase and the project promoter did not provide preliminary estimates for the planned dates of the permit granting or the construction.

¹ The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.

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**GENERAL DATA**

**Project promoters**
ELES d.o.o., Hrvatski operator prijenosnog sustava d.o.o. (HOPS), SODO d.o.o., HEP - Operator distribucijskog sustava d.o.o.

**PCI number**
10.3

**EU TYNDP 2018 project code**
N/A

**Project category**
Smart grid

**Priority corridor**
Smart grid

**Hosting countries**
Slovenia (SI) Croatia (HR)

**Reference date**
31 January 2020

**Reporting period**
1 February 2019 - 31 January 2020

**PCI website**
https://www.sincrogrid.eu/

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**TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD**

No technical modification was reported

**INCLUSION IN THE NATIONAL DEVELOPMENT PLAN**

The project is included in the relevant NDP(s)

**Reason for non-inclusion:**
N/A

**STATUS AND PROGRESS OF THE PROJECT**

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Dec-2021</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Dec-2021</td>
</tr>
</tbody>
</table>

**Annual progress:** On time

**Main reason for rescheduling/delay:**
N/A

**COST DATA**

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>88</td>
<td>No data</td>
<td>No data</td>
<td>1.26</td>
</tr>
</tbody>
</table>

**Progress of costs during the reporting period / Reasons for changes:**

No change of costs was reported

**WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD**

Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation); Construction; Commissioning

**CURRENT IMPLEMENTATION PLAN**

1The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference...
<table>
<thead>
<tr>
<th><strong>Start date</strong></th>
<th><strong>End date</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>Oct-2018</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<table>
<thead>
<tr>
<th><strong>Exemption</strong></th>
<th><strong>Not applicable/available to smart grid projects</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation</td>
<td>Not applicable/available to smart grid projects</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>Not applicable/available to smart grid projects</td>
</tr>
</tbody>
</table>

**NOTES**

- In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
- Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.
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GENERAL DATA

Project promoters
Západoslovenská distribučná a.s., E.ON Distribuce a.s.

PCI number
10.4

EU TYNDP 2018 project code
N/A

Project category
Smart grid

Priority corridor
Smart grid

Hosting countries
Czech Republic (CZ) Slovakia (SK)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://www.acon-smartgrids.cz/en

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

The project promoters have identified additional necessary investments within the project concerning 3 separate tasks: IT (Infrastructure for electromobility, upgrade of energy dispatch centre), Communication devices (New optical fibres ca. 100 km/year), Management of distribution system (New substation in Czech part, ca 30 reclosers/year, modernization and new smart transformer stations - tens of stations/year)

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is neither included nor present in the relevant NDP(s)

Reason for non-inclusion:
The project is a non-TSO project, and non-TSO projects are normally not included in the relevant NDP(s)

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Dec-2024/Dec-2027*</td>
</tr>
<tr>
<td>2019</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2024</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>269.85</td>
<td>0</td>
<td>+5/-5</td>
<td>1.268</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
The expected total investment cost increased due to the following reason(s): Change in project scope or technical characteristics not related to permit granting; Prolongation of the project, increase of technical implementation; Better cost estimation: Update of costs after tendering procedures.
WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation); Construction; Commissioning

CURRENT IMPLEMENTATION PLAN\(^1\)

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval(^2)</td>
<td>No data</td>
<td>Sep-2018</td>
</tr>
<tr>
<td>Permit granting(^3)</td>
<td>Oct-2019</td>
<td>Dec-2023</td>
</tr>
<tr>
<td>Construction</td>
<td>Oct-2018</td>
<td>Dec-2024</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption(^4)</td>
<td>Not applicable/available to smart grid projects</td>
</tr>
<tr>
<td>Cross Border Cost Allocation(^5)</td>
<td>Not applicable/available to smart grid projects</td>
</tr>
<tr>
<td>Project specific risk-based incentives(^6)</td>
<td>Not applicable/available to smart grid projects</td>
</tr>
</tbody>
</table>

NOTES

The project promoter indicated that during realisation phase it has been observed that other necessary investments should take place in later stages. The investments within the previous technical scope of the project will take place by Dec-2024. The additional investments will take place by Dec-2027.

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\(^5\) Art. 12 of Regulation (EU) No 347/2013

\(^6\) Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

Project promoters
Enedis, Energis Netzgesellschaft mbH

PCI number
10.6

EU TYNDP 2018 project code
N/A

Project category
Smart grid

Priority corridor
Smart grid

Hosting countries
France (FR)  Germany (DE)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://www.sbi-energy.eu/

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is neither included nor present in the relevant NDP(s)

Reason for non-inclusion:
The project is not advanced enough to be included in the NDP(s) (e.g. study has not turned into a project yet)

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under consideration</td>
<td>Dec-2020</td>
</tr>
<tr>
<td>2019</td>
<td>Under consideration</td>
<td>Dec-2020</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>No data</td>
<td>No data</td>
<td>No data</td>
<td>No data</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
N/A

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: technical feasibility; STUDY: socio-economic feasibility; Identification of alternative solutions / site identification
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>No data</td>
<td>No data</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>Not applicable/available to smart grid projects</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>Not applicable/available to smart grid projects</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>Not applicable/available to smart grid projects</td>
</tr>
</tbody>
</table>

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5. Art. 12 of Regulation (EU) No 347/2013
GENERAL DATA

Project promoters
E.ON Észak-dunántúli Áramhálózat
Zrt., Západoslovenská distribučná
a.s., Slovenská elektrizačná prenosová
sústava a.s. (SEPS)

PCI number
10.7

EU TYNDP 2018 project code
N/A

Project category
Smart grid

Priority corridor
Smart grid

Hosting countries
Hungary (HU) Slovakia (SK)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://danubeingrid.eu/

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is partially included in the relevant NDPs

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2025</td>
</tr>
<tr>
<td>2019</td>
<td>(Not a PCI)</td>
<td></td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>0.023</td>
<td>No data</td>
<td>+5/-5</td>
<td>0</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; STUDY: technical feasibility; STUDY: socio-economic feasibility; Identification of alternative solutions / site identification; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>No data</td>
<td>May-2020</td>
</tr>
<tr>
<td>Permit granting</td>
<td>May-2020</td>
<td>Dec-2024</td>
</tr>
<tr>
<td>Construction</td>
<td>Jun-2020</td>
<td>Dec-2025</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Not applicable/available to smart grid projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td></td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td></td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td></td>
</tr>
</tbody>
</table>

NOTES

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.

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5 Art. 12 of Regulation (EU) No 347/2013

6 Art. 13 of Regulation (EU) No 347/2013
Data Bridge (Estonia, Latvia, Lithuania, Denmark, Finland, France)

PCI Monitoring 2020

General Data

Project promoters
Elering AS, Fingrid Oyj, Réseau de Transport d’Electricité (RTE), Energinet.dk, Energijos Skirstymo Operatorius (ESO) AB

PCI number
10.8

EU TYNDP 2018 project code
N/A

Project category
Smart grid

Priority corridor
Smart grid

Hosting countries
Estonia (EE) Latvia (LV) Lithuania (LT), Denmark (DK), Finland (FI), France (FR)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
N/A

Technical Modifications during the Reporting Period

No technical modification was reported

Inclusion in the National Development Plan

The project is neither included nor present in the relevant NDP(s)

Reason for non-inclusion:
The project is not advanced enough to be included in the NDP(s) (e.g. study has not turned into a project yet)

Status and Progress of the Project

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under consideration</td>
<td>Jun-2022</td>
</tr>
<tr>
<td>2019</td>
<td>(Not a PCI)</td>
<td></td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

Cost Data

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>No data</td>
<td>No data</td>
<td>No data</td>
<td>No data</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

Works/Activities Carried Out during the Reporting Period

Negotiations among participating TSOs; Launching an EU-wide pilot to recruit market participants (energy services companies, innovators, incumbents) to start using data over a sandbox Data Bridge
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>Jan-2021</td>
<td>Apr-2021</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Jul-2021</td>
<td>Oct-2021</td>
</tr>
<tr>
<td>Construction</td>
<td>Nov-2021</td>
<td>Feb-2022</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>Not applicable/available to smart grid projects</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>Not applicable/available to smart grid projects</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>Not applicable/available to smart grid projects</td>
</tr>
</tbody>
</table>

NOTES

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⁵ Art. 12 of Regulation (EU) No 347/2013
⁶ Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

Project promoters
Fingrid Oyj, Kraftnät Åland AB, Elering AS

PCI number
10.9

EU TYNDP 2018 project code
N/A

Project category
Smart grid

Priority corridor
Smart grid

Hosting countries
Estonia (EE)  Finland (FI)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported.*

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is neither included nor present in the relevant NDP(s)

Reason for non-inclusion:
The project is not advanced enough to be included in the NDP(s) (e.g. study has not turned into a project yet)

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under consideration</td>
<td>Dec-2024</td>
</tr>
<tr>
<td>2019</td>
<td>(Not a PCI)</td>
<td>-</td>
</tr>
</tbody>
</table>

Annual progress: On time
Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>50</td>
<td>No data</td>
<td>No data</td>
<td>7.5</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Pre-assessment and conceptual development work (incl. R&D projects) is being performed to better support the launch of the study and investment phase in near future.
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2023</td>
<td>Dec-2024</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>Not applicable/available to smart grid projects</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>Not applicable/available to smart grid projects</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>Not applicable/available to smart grid projects</td>
</tr>
</tbody>
</table>

NOTES

The project promoter indicated that further pre-assessment and development work is required before the CrossFlex project can identify the scope of investments related to flexibility market platforms, flexibility features of HVDC connections and co-ordination studies covering the resources, crossborder connections and market platforms.

---

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Interconnection between Blythe (UK) and Kvilldal (NO) [currently known as ‘North Sea Link’]

PCI MONITORING 2020

GENERAL DATA

Project promoters
Statnett SF, National Grid Interconnector Holdings Limited (NGHIL)

PCI number
1.10.1

EU TYNDP 2018 project code
110

Project category
Transmission

Priority corridor
NSOG

Hosting countries
Norway (NO) United Kingdom (GB)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
http://northsealink.com/

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Sep-2021</td>
</tr>
<tr>
<td>2019</td>
<td>Under construction</td>
<td>Sep-2021</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>1663</td>
<td>No data</td>
<td>+3/-2</td>
<td>31.6</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
The expected total investment cost decreased due to the following reason(s): Better cost estimation (including increased accuracy, reduction of risk add-ons, or higher cost certainty after finalisation of tender process)

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation); Construction; Other works or activities
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>May-2013</td>
<td>Mar-2015</td>
</tr>
<tr>
<td>Permit granting</td>
<td>May-2013</td>
<td>Nov-2014</td>
</tr>
<tr>
<td>Construction</td>
<td>Aug-2017</td>
<td>Aug-2021</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

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5 Art. 12 of Regulation (EU) No 347/2013
6 Art. 13 of Regulation (EU) No 347/2013
Interconnection between Peterhead (UK) and Simadal en (NO) [currently known as ‘NorthConnect’]

PCI MONITORING 2020

GENERAL DATA

Project promoters
NorthConnect KS

PCI number
1.10.2

EU TYNDP 2018 project code
190

Project category
Transmission

Priority corridor
NSOG

Hosting countries
United Kingdom (GB) Norway (NO)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://northconnect.co.uk/

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2024</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Apr-2024</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:
PERMITTING: Delays due to other permit granting reasons (i.e. permitting process in Norway has been delayed by the authorities)

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>1700</td>
<td>No data</td>
<td>0</td>
<td>10</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>Jan-2012</td>
<td>Jan-2012</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Sep-2012</td>
<td>Cannot be estimated by the project promoter</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2021</td>
<td>Dec-2024</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter submitted an exemption request in Oct-2019.</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

The permitting process is concluded in the United Kingdom, but not in Norway.

---

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GENERAL DATA

Project promoters
Storelectric Ltd

PCI number
1.12.3

EU TYNDP 2018 project code
1022

Project category
Storage

Priority corridor
NSOG

Hosting countries
United Kingdom (GB)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
www.cares-pci.uk

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is neither included nor present in the relevant NDP(s)

Reason for non-inclusion:
The project is a non-TSO project, and non-TSO projects are normally not included in the relevant NDP(s)

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>No data*</td>
</tr>
<tr>
<td>2019</td>
<td>Planned but not yet in permitting</td>
<td>Jan-2027</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:
Delays due to financing reasons

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>570</td>
<td>0</td>
<td>+30/-30</td>
<td>14.5</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: technical feasibility; STUDY: socio-economic feasibility; Negotiations with landowners and land acquisition
### CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>Jan-2021</td>
<td>Oct-2023</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Oct-2020</td>
<td>Sep-2022</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2024</td>
<td>Dec-2026</td>
</tr>
</tbody>
</table>

### REGULATORY TREATMENT

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
</tbody>
</table>

### NOTES

*The project is delayed, but the promoter cannot estimate the new commissioning date, as the project development depends on receipt of public funds.*

---

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**GENERAL DATA**

- **Project promoters**: Drax Generation Enterprise Limited
- **PCI number**: 1.12.4
- **EU TYNDP 2018 project code**: 1015
- **Project category**: Storage
- **Priority corridor**: NSOG
- **Hosting countries**: United Kingdom (GB)
- **Reference date**: 31 January 2020
- **Reporting period**: 1 February 2019 - 31 January 2020

**TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD**

No technical modification was reported

**INCLUSION IN THE NATIONAL DEVELOPMENT PLAN**

The project is neither included nor present in the relevant NDP(s)

*Reason for non-inclusion:*
The project is not advanced enough to be included in the NDP(s) (e.g. study has not turned into a project yet); The project is a non-TSO project, and non-TSO projects are normally not included in the relevant NDP(s)

**STATUS AND PROGRESS OF THE PROJECT**

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2027</td>
</tr>
<tr>
<td>2019</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2026</td>
</tr>
</tbody>
</table>

*Annual progress: Rescheduled*

*Main reason for rescheduling/delay:*
Project was still at an initial stage (under studies) and therefore the previous implementation plan was preliminary

**COST DATA**

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>595</td>
<td>No data</td>
<td>No data</td>
<td>9.875</td>
</tr>
</tbody>
</table>

*Progress of costs during the reporting period / Reasons for changes:*
No change of costs was reported

**WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD**

STUDY: environmental; STUDY: spatial planning; STUDY: technical feasibility; Identification of alternative solutions / site identification
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>Jan-2021</td>
<td>Dec-2022</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Jan-2021</td>
<td>Dec-2022</td>
</tr>
<tr>
<td>Construction</td>
<td>Apr-2023</td>
<td>Dec-2027</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
</tbody>
</table>

NOTES

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.

2 Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.

3 For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable.


5 Art. 12 of Regulation (EU) No 347/2013

6 Art. 13 of Regulation (EU) No 347/2013
One or more hubs in the North Sea with interconnectors to bordering North Sea countries (Denmark, Germany, Netherlands) [currently known as “North Sea Wind Power Hub”]

PCI MONITORING 2020

GENERAL DATA

Project promoters
TenneT TSO B.V. (NL), Energinet.dk, TenneT TSO GmbH (DE)

PCI number
1.19

EU TYNDP 2018 project code
335

Project category
Transmission

Priority corridor
NSOG

Hosting countries
Denmark (DK) Germany (DE) Netherlands (NL)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://northseawindpowerhub.eu/

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is neither included nor present in the relevant NDP(s)

Reason for non-inclusion:
The commissioning date of this project is beyond the time span of the relevant NDP(s);

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under consideration</td>
<td>Dec-2035</td>
</tr>
<tr>
<td>2019</td>
<td>(Not a PCI)</td>
<td>-</td>
</tr>
</tbody>
</table>

Annual progress: On time
Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>11300</td>
<td>0</td>
<td>+30/-20</td>
<td>40.1</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; STUDY: technical feasibility; STUDY: socio-economic feasibility; Other works or activities

CURRENT IMPLEMENTATION PLAN

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>No data</td>
<td>No data</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

| Exemption⁴          | The project promoter(s) have not submitted such a request |
| Cross Border Cost Allocation⁵ | The project promoter(s) have not submitted such a request |
| Project specific risk-based incentives⁶ | The project promoter(s) have not submitted such a request |

**NOTES**

- In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.

² Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country

³ For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable


⁵ Art. 12 of Regulation (EU) No 347/2013

⁶ Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

**Project promoters**
NeuConnect Britain Limited,
NeuConnect Deutschland GmbH

**PCI number**
1.20

**EU TYNDP 2018 project code**
309

**Project category**
Transmission

**Priority corridor**
NSOG

**Hosting countries**
United Kingdom (GB) Germany (DE) Netherlands (NL)

**Reference date**
31 January 2020

**Reporting period**
1 February 2019 - 31 January 2020

**PCI website**
www.neuconnect.eu

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2023</td>
</tr>
<tr>
<td>2019</td>
<td>(Not a PCI)</td>
<td></td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>1500</td>
<td>No data</td>
<td>No data</td>
<td>22</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; STUDY: technical feasibility; Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Tendering
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>Jun-2021</td>
<td>Dec-2023</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Exemption</th>
<th>The project promoter(s) have not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

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GENERAL DATA

Project promoters
TenneT TSO GmbH (DE), Energinet.dk

PCI number
1.3.1

EU TYNDP 2018 project code
183

Project category
Transmission

Priority corridor
NSOG

Hosting countries
Germany (DE) Denmark (DK)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
www.klixbuell-endrup.eu

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2023</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Dec-2023</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>319</td>
<td>0</td>
<td></td>
<td>1.4</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; STUDY: technical feasibility; STUDY: socio-economic feasibility; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>Aug-2011</td>
<td>Jul-2013</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Mar-2018</td>
<td>Nov-2021</td>
</tr>
<tr>
<td>Construction</td>
<td>May-2021</td>
<td>Dec-2023</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

The project promoter indicated that the commissioning date has not changed, but the approval process in Denmark is longer than expected due to the requirement of an additional technical report.

---

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5 Art. 12 of Regulation (EU) No 347/2013
6 Art. 13 of Regulation (EU) No 347/2013
**Interconnection between Cotentin (FR) and the vicinity of Exeter (UK) [currently known as ‘FAB’]**

**PCI MONITORING 2020**

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### GENERAL DATA

- **Project promoters**
  Réseau de Transport d’Electricité (RTE), FABLink Ltd

- **PCI number**
  1.7.1

- **EU TYNDP 2018 project code**
  153

- **Project category**
  Transmission

- **Priority corridor**
  NSOG

- **Hosting countries**
  France (FR)  United Kingdom (GB)

- **Reference date**
  31 January 2020

- **Reporting period**
  1 February 2019 - 31 January 2020

- **PCI website**

---

### TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

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### INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

---

### STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Jul-2025</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Jul-2024</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:
Delays due to disagreement between the regulators of the concerned countries

---

### COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>870</td>
<td>0</td>
<td>+27/-27</td>
<td>12</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

---

### WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: socio-economic feasibility; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Tendering

---

### CURRENT IMPLEMENTATION PLAN

1The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval¹</td>
<td>Nov-2012</td>
<td>Nov-2013</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Jul-2014</td>
<td>Mar-2019</td>
</tr>
<tr>
<td>Construction</td>
<td>Apr-2022</td>
<td>Apr-2022</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>A project promoter (FAB Link Limited) submitted an investment request in Feb-2018 and then in Jul-2018 which was rejected by the French NRA in Oct-2018 due to inadmissibility.</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

**NOTES**

- Date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
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Interconnection between Coquelles (FR) and Folkestone (UK) [currently known as ‘ElecLink’]

PCI MONITORING 2020

GENERAL DATA

Project promoters
ElecLink Limited

PCI number
1.7.3

EU TYNDP 2018 project code
172

Project category
Transmission

Priority corridor
NSOG

Hosting countries
United Kingdom (GB)  France (FR)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
www.eleclink.co.uk

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Jun-2021</td>
</tr>
<tr>
<td>2019</td>
<td>Under construction</td>
<td>Dec-2019</td>
</tr>
</tbody>
</table>

Annual progress: Delayed
Main reason for rescheduling/delay:
Delays in construction works

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>735.757</td>
<td>0</td>
<td>No data</td>
<td>15.5</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
The expected total investment cost increased due to the following reason(s): Extra costs due to safety, environmental or legal requirements imposed during permit granting process; The pulling of the high voltage direct current cables in the Channel Tunnel has been delayed and is yet to be concluded. ElecLink is awaiting the Intergovernmental Commission (IGC) consent to install the cables in the tunnel.

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Construction
## CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>No data</td>
<td>Jul-2020</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Mar-2014</td>
<td>Feb-2016</td>
</tr>
<tr>
<td>Construction</td>
<td>Feb-2017</td>
<td>Mar-2021</td>
</tr>
</tbody>
</table>

## REGULATORY TREATMENT

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>The project promoter submitted an exemption request in Sep-2013.</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

## NOTES

- 

---

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Interconnection between the vicinity of Dunkerque (FR) and the vicinity of Kingsnorth (UK) [currently known as ‘Gridlink’]

PCI MONITORING 2020

GENERAL DATA

Project promoters
Elan Energy Ltd

PCI number
1.7.5

EU TYNDP 2018 project code
285

Project category
Transmission

Priority corridor
NSOG

Hosting countries
United Kingdom (GB)  France (FR)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
www.gridlinkinterconnector.com

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

The overall technical characteristics of the project have not changed during the reporting period. However, three design aspects of the project have been advanced: a) converter station topology has been selected as symmetrical monopole; b) offshore cable route has been optimised based on the results of bathymetric, geophysical, geotechnical and environmental surveys; c) converter station site in the UK has been changed which results in a reduction of the onshore HVAC cable length between the converter station and grid connection point from 3.5 km to 1.5 km

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2024</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>May-2024</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:
Delays due to disagreement between the regulators of the concerned countries

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>897</td>
<td>0</td>
<td>+15/-15</td>
<td>23.9</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD
STUDY: environmental; STUDY: spatial planning; STUDY: technical feasibility; STUDY: socio-economic feasibility; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering

CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>Oct-2016</td>
<td>Jan-2018</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Jun-2018</td>
<td>Sep-2021</td>
</tr>
<tr>
<td>Construction</td>
<td>Sep-2021</td>
<td>Sep-2024</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Exemption</th>
<th>The project promoter(s) have not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter submitted an investment request to the NRAs in Jun/Jul-2018. In Nov-2018 NRAs requested additional information from the project promoter to complete the investment request.</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

According the information available to the French NRA the expected commissioning date of the project is May-2024.
GENERAL DATA

**Project promoters**
Statnett SF, TenneT TSO GmbH (DE)

**PCI number**
1.8.1

**EU TYNDP 2018 project code**
37

**Project category**
Transmission

**Priority corridor**
NSOG

**Hosting countries**
Norway (NO)  Germany (DE)

**Reference date**
31 January 2020

**Reporting period**
1 February 2019 - 31 January 2020

**PCI website**
N/A

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Dec-2020</td>
</tr>
<tr>
<td>2019</td>
<td>Under construction</td>
<td>Dec-2020</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>1980</td>
<td>No data</td>
<td>No data</td>
<td>53</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Preparatory works for construction (e.g. land preparation); Construction
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>No data</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

| Exemption⁴ | The project promoter(s) have not submitted such a request |
| Cross Border Cost Allocation⁵ | The project promoter(s) have not submitted such a request |
| Project specific risk-based incentives⁶ | The project promoter(s) have not submitted such a request |

NOTES

According the information available to the German NRA the expected commissioning date of the project is 2021.

¹ The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.

² Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.

³ For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable.


Ireland — United Kingdom interconnection between Wexford (IE) and Pembroke, Wales (UK) [currently known as ‘Greenlink’]

PCI MONITORING 2020

GENERAL DATA

Project promoters
Greenlink Interconnector Ltd

PCI number
1.9.1

EU TYNDP 2018 project code
286

Project category
Transmission

Priority corridor
NSOG

Hosting countries
Ireland (IE) United Kingdom (GB)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://www.greenlink.ie/

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2023</td>
</tr>
<tr>
<td>2019</td>
<td>Planned but not yet in permitting</td>
<td>Oct-2023</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:

PERMITTING: Delays in the preparation of necessary application files by the project promoter

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>482</td>
<td>No data</td>
<td>0</td>
<td>8.4</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

The expected total investment cost increased due to the following reason(s): The PCI received updated pricing information in its procurement process for the construction contracts which are a significant part of the Initial Investment Costs.

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>Sep-2019</td>
<td>Dec-2020</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Apr-2019</td>
<td>Dec-2020</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2021</td>
<td>Nov-2023</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Exemption</th>
<th>The project promoter(s) have not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

The indicated main reason for delay was defined by ACER based on the project promoter's description of the main reason for delay.

---

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
2 Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.
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5 Art. 12 of Regulation (EU) No 347/2013
6 Art. 13 of Regulation (EU) No 347/2013
INTERNAL LINE BETWEEN BRUNSBÜTTEL/WILSTER AND GRÖßGARTACH/BERGRHEINFELD-WEST (DE) TO INCREASE CAPACITY AT NORTHERN AND SOUTHERN BORDERS [CURRENTLY KNOWN AS "SUDELINK"]

PCI MONITORING 2020

GENERAL DATA

Project promoters
TenneT TSO GmbH (DE), TransnetBW GmbH

PCI number
2.10

EU TYNDP 2018 project code
235

Project category
Transmission

Hosting countries
Germany (DE)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://www.transnetbw.de/de/netzentwicklung/projekte/suedlink/projektueberblick-suedlink/

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported. However, based on the assessment of technical, economical and environmental feasibility the project promoters made the decision to implement the project at the 525kV voltage level.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2026</td>
</tr>
<tr>
<td>2019</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2015</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:
PERMITTING: Delays due to other permit granting reasons (different than law changes, environmental problems or preparation of application files). (Please explain in the question below)

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>6500</td>
<td>0</td>
<td></td>
<td>52</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; STUDY: technical feasibility; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting
files, contracts and other documents; Tendering; Other works or activities

CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>May-2012</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Feb-2020</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2023</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

| Exemption | The project promoter(s) have not submitted such a request |
| Cross Border Cost Allocation | The project promoter(s) have not submitted such a request |
| Project specific risk-based incentives | The project promoter(s) have not submitted such a request |

NOTES

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
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5 Art. 12 of Regulation (EU) No 347/2013
6 Art. 13 of Regulation (EU) No 347/2013
Interconnection between Woodland (IE) and Turleenan (UK)  
PCI Monitoring 2020

General Data

**Project promoters**
EirGrid plc, System Operator for Northern Ireland Ltd (SONI)

**PCI number**
2.13.1

**EU TYNDP 2018 project code**
81

**Project category**
Transmission

**Priority corridor**
NSI-WEST

**Hosting countries**
Ireland (IE) United Kingdom (UK)

**Reference date**
31 January 2020

**Report period**
1 February 2019 - 31 January 2020

**PCI website**
http://www.eirgridgroup.com/the-grid/projects/north-south/the-project/

Technical Modifications During the Reporting Period

No technical modification was reported

Inclusion in the National Development Plan

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

Status and Progress of the Project

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Nov-2024</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Apr-2023</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:
Delays due to lawsuits and court proceedings

Cost Data

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>363.43</td>
<td>0</td>
<td>+20/-0</td>
<td>9.5</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
The expected total investment cost increased due to the following reason(s): Extra costs due to safety, environmental or legal requirements imposed during permit granting process

Works/Activities Carried Out During the Reporting Period

STUDY: environmental; Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stages</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>Jul-2004</td>
<td>Nov-2004</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Jul-2014</td>
<td>Dec-2016</td>
</tr>
<tr>
<td>Construction</td>
<td>Nov-2021</td>
<td>Sep-2024</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

The project promoter indicated that although permitting has concluded in Ireland it has not yet concluded in Northern Ireland. The part of the project located in Ireland cannot progress to the construction stage until permitting has successfully concluded in Northern Ireland.

---

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5 Art. 12 of Regulation (EU) No 347/2013
6 Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

**Project promoters**
EirGrid plc, System Operator for Northern Ireland Ltd (SONI)

**PCI number**
2.13.2

**EU TYNDP 2018 project code**
82

**Project category**
Transmission

**Priority corridor**
NSI-WEST

**Hosting countries**
Ireland (IE) United Kingdom (UK)

**Reference date**
31 January 2020

**Reporting period**
1 February 2019 - 31 January 2020

**PCI website**
http://www.eirgridgroup.com/how-the-grid-works/ridp/

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2030</td>
</tr>
<tr>
<td>2019</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2030</td>
</tr>
</tbody>
</table>

Annual progress: On time
Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>396.2</td>
<td>No data</td>
<td>+50/-10</td>
<td>0.79</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

No works or activities were performed over the the indicated 12-month period

CURRENT IMPLEMENTATION PLAN

1The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end
## Interconnection between Srananagh (IE) and Turleenan (UK)

### PCI REPORT 2020

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval(^2)</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting(^3)</td>
<td>Feb-2021</td>
<td>Dec-2024</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2026</td>
<td>May-2030</td>
</tr>
</tbody>
</table>

### REGULATORY TREATMENT

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption(^4)</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation(^5)</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives(^6)</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

### NOTES

- date is defined by the last section/element.

\(^2\) Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.

\(^3\) For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable.


Internal line between Pedralva and Sobrado (PT), formerly designated Pedralva and Alfena (PT)

PCI MONITORING 2020

GENERAL DATA

Project promoters
Rede Eléctrica Nacional S.A. (REN)

PCI number
2.16.1

EU TYNDP 2018 project code
1

Project category
Transmission

Priority corridor
NSI-WEST

Hosting countries
Portugal (PT)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://www.ren.pt/en-GB/o_que_fazemos/projetos_interesse_2017

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2024</td>
</tr>
<tr>
<td>2019</td>
<td>Planned but not yet in permitting</td>
<td>Nov-2023</td>
</tr>
</tbody>
</table>

Annual progress: Rescheduled
Main reason for rescheduling/delay:
Changes in the overall planning data input (generation, demand and transmission) with consequent impact on the needs (i.e. making it less urgent) or benefits of the projects

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
<th>Progress of costs during the reporting period / Reasons for changes:</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>30.4</td>
<td>No data</td>
<td>+10/-10</td>
<td>0.066</td>
<td>The expected total investment cost increased due to the following reason(s): Changes in the actual / expected prices of raw material and/or equipment used for the project</td>
</tr>
</tbody>
</table>

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

No works or activities were performed over the the indicated 12-month period
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Jan-2023</td>
<td>Dec-2023</td>
</tr>
<tr>
<td>Construction</td>
<td>Aug-2023</td>
<td>Dec-2024</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

¹ The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
² Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.
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GENERAL DATA

Project promoters
Rede Eléctrica Nacional S.A. (REN)

PCI number
2.16.3

EU TYNDP 2018 project code
1

Project category
Transmission

Priority corridor
NSI-WEST

Hosting countries
Portugal (PT)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://www.ren.pt/en-GB/o_que_fazemos/projetos_interesse_2017

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Feb-2022</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Jun-2021</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:

PERMITTING: Delays due to environmental problems (including re-routing and/or siting or re-siting of facility(ies)). Environmental problems also include problems with cultural heritage authorities or any other authority that is involved in the environmental procedure

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>76.4</td>
<td>0</td>
<td>+10/-10</td>
<td>0.209</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

The expected total investment cost increased due to the following reason(s): Changes in the actual/expected prices of raw material and/or equipment used for the project

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; STUDY: technical feasibility; STUDY: socio-economic feasibility; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents; Negotiations
with landowners and land acquisition; Tendering; Construction

CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>Jul-2008 to Feb-2019</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Jun-2018 to Jun-2021</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2020 to Feb-2022</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Exemption</th>
<th>The project promoter has not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter submitted an investment request to the NRA in Jan-2019.</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

The investment item “New double circuit OHL V.Minho-R.Pena-Fridão-Feira” is in permitting (the section between Ribeira de Pena-Feira is expected to be commissioned in Mar-2021 and the section between Vieira do Minho-Ribeira de Pena in Feb-2022); The investment item “New 400/60kV substation in Ribeira de Pena” is under construction (expected commissioning date: Dec-2020)

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Interconnection between Aragón (ES) and Atlantic Pyrenees (FR) [currently known as “Pyrenean crossing 2”]

PCI MONITORING 2020

GENERAL DATA

Project promoters
Red Eléctrica de España S.A. (REE), Réseau de Transport d’Electricité (RTE)

PCI number
2.27.1

EU TYNDP 2018 project code
270

Project category
Transmission

Priority corridor
NSI-WEST

Hosting countries
Spain (ES) France (FR)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
N/A

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the NDP of Spain; The project is present as an “under consideration project” in the NDP of France

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Mar-2030</td>
</tr>
<tr>
<td>2019</td>
<td>Planned but not yet in permitting</td>
<td>Mar-2030</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>1170</td>
<td>No data</td>
<td>No data</td>
<td>6.03</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

No works or activities were performed over the the indicated 12-month period due to difficulties in permit granting encountered by other project which implementation has an impact on the project.
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Dec-2022</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2026</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Exemption</th>
<th>The project promoter(s) have not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

- The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
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GENERAL DATA

Project promoters
Red Eléctrica de España S.A. (REE), Réseau de Transport d’Electricité (RTE)

PCI number
2.27.2

EU TYNDP 2018 project code
276

Project category
Transmission

Priority corridor
NSI-WEST

Hosting countries
Spain (ES) France (FR)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
N/A

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the NDP of Spain; The project is present as an “under consideration project” in the NDP of France

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Sep-2029</td>
</tr>
<tr>
<td>2019</td>
<td>Planned but not yet in permitting</td>
<td>Sep-2029</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>1470</td>
<td>No data</td>
<td>No data</td>
<td>9.5</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

No works or activities were performed over the the indicated 12-month period due to difficulties in permit granting encountered by other project which implementation has an impact on the project.
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Planning approval(^2)</th>
<th>No data</th>
<th>No data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permit granting(^1)</td>
<td>Mar-2022</td>
<td>Sep-2025</td>
</tr>
<tr>
<td>Construction</td>
<td>Apr-2025</td>
<td>Mar-2029</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Exemption(^4)</th>
<th>The project promoter(s) have not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation(^5)</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives(^6)</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

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5 Art. 12 of Regulation (EU) No 347/2013

6 Art. 13 of Regulation (EU) No 347/2013
Hydro-pumped electricity storage Navaleo (ES)
PCI MONITORING 2020

GENERAL DATA

Project promoters
CDR TREMOR S.L.

PCI number
2.28.2

EU TYNDP 2018 project code
1012

Project category
Storage

Priority corridor
NSI-WEST

Hosting countries
Spain (ES)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
N/A

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is neither included nor present in the relevant NDP(s), but considered within the NDP studies and/or taken into account as a network connection project by a TSO

Reason for non-inclusion:
The project is a storage project, and storage projects are normally not included in the Spanish NDP. However, the NDP may include electrical infrastructures needed to integrate the storage project. (Note: Based on the information provided by the Spanish NRA)

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2024</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Dec-2024</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>304</td>
<td>No data</td>
<td>No data</td>
<td>4.207</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Public consultation
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>Dec-2014</td>
<td>Oct-2015</td>
</tr>
<tr>
<td>Permit granting</td>
<td>May-2011</td>
<td>Aug-2020</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2021</td>
<td>Oct-2024</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Exemption</th>
<th>Not applicable/available to electricity storage projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
</tbody>
</table>

NOTES

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TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

Gironés-Raimats uses the pumped hydro energy storage technology (PHES). This facility comprises two new water reservoirs operating in a closed-loop, a 7 km-long steel-lined waterway connecting both the reservoirs, and eight reversible pump-turbines in the powerhouse.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is neither included nor present in the relevant NDP(s), but considered within the NDP studies and/or taken into account as a network connection project by a TSO

Reason for non-inclusion:
The project is a storage project, and storage projects are normally not included in the Spanish NDP. However, the NDP may include electrical infrastructures needed to integrate the storage project. (Note: Based on the information provided by the Spanish NRA)

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2028</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Jan-2025</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:
PERMITTING: Delays due to environmental problems (including re-routing and/or siting or re-siting of facility(ies)). Environmental problems also include problems with cultural heritage authorities or any other authority that is involved in the environmental procedure

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>2007.242</td>
<td>2599.337</td>
<td>+15/-5</td>
<td>30.25</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
The expected total investment cost increased due to the following reason(s): Change in project scope or technical characteristics not related to permit granting
WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; STUDY: technical feasibility; STUDY: socio-economic feasibility; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents

CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval②</td>
<td>Oct-2015 Dec-2020</td>
</tr>
<tr>
<td>Permit granting③</td>
<td>Apr-2020 Dec-2022</td>
</tr>
<tr>
<td>Construction</td>
<td>Jul-2023 Jun-2028</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

| Exemption④ | Not applicable/available to electricity storage projects |
| Cross Border Cost Allocation⑤ | Not applicable/available to electricity storage projects |
| Project specific risk-based incentives⑥ | Not applicable/available to electricity storage projects |

NOTES

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⑤ Art. 12 of Regulation (EU) No 347/2013
⑥ Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

Project promoters
Central Depuradora Reversible Del Rio Cua S.L.

PCI number
2.28.4

EU TYNDP 2018 project code
1027

Project category
Storage

Priority corridor
NSI-WEST

Hosting countries
Spain (ES)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
N/A

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is neither included nor present in the relevant NDP(s), but considered within the NDP studies and/or taken into account as a network connection project by a TSO

Reason for non-inclusion:
The project is a storage project, and storage projects are normally not included in the Spanish NDP. However, the NDP may include electrical infrastructures needed to integrate the storage project. (Note: Based on the information provided by the Spanish NRA)

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Jan-2028</td>
</tr>
<tr>
<td>2019</td>
<td>(Not a PCI)</td>
<td>-</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>150</td>
<td>No data</td>
<td>No data</td>
<td>2</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Detailed technical design
CURRENT IMPLEMENTATION PLAN\(^1\)  

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval(^2)</td>
<td>Nov-2014</td>
<td>Oct-2015</td>
</tr>
<tr>
<td>Permit granting(^3)</td>
<td>Jul-2011</td>
<td>Dec-2021</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2024</td>
<td>Dec-2027</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT  

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption(^4)</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
<tr>
<td>Cross Border Cost Allocation(^5)</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
<tr>
<td>Project specific risk-based incentives(^6)</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
</tbody>
</table>

NOTES

0

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\(^1\) The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.

\(^2\) Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.

\(^3\) For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits ("start date") until the date when the last permit is obtained ("end date") pursuant to the national rules applicable.


Silvermines Hydroelectric Power Station (IE)

PCI MONITORING 2020

GENERAL DATA

Project promoters
Siga Hydro Limited

PCI number
2.29

EU TYNDP 2018 project code
1025

Project category
Storage

Priority corridor
NSI-WEST

Hosting countries
Ireland (IE)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
http://silvermineshydro.ie/

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is present as an “under consideration” project in the relevant NDP

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under consideration</td>
<td>Dec-2027</td>
</tr>
<tr>
<td>2019</td>
<td>(Not a PCI)</td>
<td>-</td>
</tr>
</tbody>
</table>

Annual progress: Delayed
Main reason for rescheduling/delay:
Delays due to financing reasons

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>617</td>
<td>No data</td>
<td>No data</td>
<td>14.2</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Tendering
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>no data</td>
<td>Jun-2023</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Oct-2020</td>
<td>Jun-2023</td>
</tr>
<tr>
<td>Construction</td>
<td>Dec-2024</td>
<td>Dec-2027</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
</tbody>
</table>

NOTES

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.

2 Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.

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5 Art. 12 of Regulation (EU) No 347/2013

6 Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

Project promoters
Donaukraftwerk Jochenstein AG

PCI number
2.30

EU TYNDP 2018 project code
1026

Project category
Storage

Priority corridor
NSI-WEST

Hosting countries
Germany (DE)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://www.verbund.com/de-at/ueber-verbund/kraftwerke/unsere-kraftwerke/energiespeicher-riedl

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Jan-2026</td>
</tr>
<tr>
<td>2019</td>
<td>(Not a PCI)</td>
<td></td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:
PERMITTING: Delays in the preparation of necessary application files by the project promoter

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>386</td>
<td>No data</td>
<td>+5/-5</td>
<td>2.97</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>Dec-2016</td>
<td>Jun-2021</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Oct-2012</td>
<td>Dec-2016</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2022</td>
<td>Dec-2025</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>Not applicable/available to electricity storage projects</td>
</tr>
</tbody>
</table>

NOTES

- 

¹ The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.

² Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.

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⁵ Art. 12 of Regulation (EU) No 347/2013

⁶ Art. 13 of Regulation (EU) No 347/2013
Interconnection between St. Peter (AT) and Isar (DE)

PCI MONITORING 2020

GENERAL DATA

Project promoters
TenneT TSO GmbH (DE), Austrian Power Grid AG (APG)

PCI number
3.1.1

EU TYNDP 2018 project code
313

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Germany (DE) Austria (AT)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://www.tennet.eu/de/unser-netz/onshore-projekte-deutschland/niederbayern/

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2023</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Aug-2022</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:
Delay due to demands by citizens, landowners and political stakeholders, revaluation of planning data and principles due to legal changes and assessment of additional alternative routings.

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>375*</td>
<td>0</td>
<td></td>
<td>9.28*</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
The expected total investment cost increased due to the following reason(s): Change of law in Germany. Increase of easement rates for landowners. Better cost estimation (including increased accuracy, reduction of risk add ons or higher cost certainty after finalisation of tender process) for the Austrian part of the project. Changes in the actual / expected prices of raw material and/or equipment used for the project.

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD
STUDY: environmental; STUDY: technical feasibility; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation); Construction

**CURRENT IMPLEMENTATION PLAN**

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>No data</td>
<td>Mar-2021</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Nov-2013</td>
<td>Mar-2021</td>
</tr>
<tr>
<td>Construction</td>
<td>Oct-2020</td>
<td>Dec-2023</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

**NOTES**

*The project promoter indicated the cost values provided refer only to costs in Germany.*

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¹ The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.

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⁵ Art. 12 of Regulation (EU) No 347/2013

⁶ Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

Project promoters
Austrian Power Grid AG (APG)

PCI number
3.1.2

EU TYNDP 2018 project code
312

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Austria (AT)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://www.apg.at/de/projekte/380-kv-salzburgleitung

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>May-2025</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Apr-2024</td>
</tr>
</tbody>
</table>

Annual progress: Rescheduled

Main reason for rescheduling/delay:
The promoter identified additionally requirements in the construction phase (especially limitations of the time of construction due to environmental reasons)

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>890</td>
<td>No data</td>
<td>+10/-10</td>
<td>4</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
The expected total investment cost increased due to the following reason(s): Better cost estimation (including increased accuracy, reduction of risk add-ons, or higher cost certainty after finalisation of tender process)

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Negotiations with landowners and land acquisition; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation)
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>Dec-2011</td>
<td>Dec-2011</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Sep-2012</td>
<td>Feb-2019</td>
</tr>
<tr>
<td>Construction</td>
<td>Sep-2019</td>
<td>Dec-2025</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

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Art. 12 of Regulation (EU) No 347/2013

Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

Project promoters
Austrian Power Grid AG (APG)

PCI number
3.1.4

EU TYNDP 2018 project code
47

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Austria (AT)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://www.apg.at/de/Stromnetz/Netzentwicklung

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under consideration</td>
<td>Dec-2025</td>
</tr>
<tr>
<td>2019</td>
<td>Under consideration</td>
<td>Dec-2025</td>
</tr>
</tbody>
</table>

Annual progress: On time
Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>125</td>
<td>No data</td>
<td>+10/-10</td>
<td>1</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: spatial planning

CURRENT IMPLEMENTATION PLAN

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>No data</td>
<td>Dec-2014</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Jan-2021</td>
<td>Jun-2023</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2024</td>
<td>Dec-2025</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

| Exemption⁴                | The project promoter has not submitted such a request |
| Cross Border Cost Allocation⁵ | The project promoter has not submitted such a request |
| Project specific risk-based incentives⁶ | The project promoter has not submitted such a request |

**NOTES**

- 

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³ For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable.


⁵ Art. 12 of Regulation (EU) No 347/2013

⁶ Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

Project promoters
EuroAsia Interconnector Ltd

PCI number
3.10.1

EU TYNDP 2018 project code
219

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Israel (IL) Cyprus (CY)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
www.euroasia-interconnector.com

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2023</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Dec-2023</td>
</tr>
</tbody>
</table>

Annual progress: On time
Main reason for rescheduling/delay: N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>4590</td>
<td>No data</td>
<td>+10/-10</td>
<td>No data</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
The expected total investment cost decreased due to the following reason(s): Change in project scope or technical characteristics not related to permit granting. (Following the decision of the Greek government to proceed with PCI 3.10.3 as a national project, the scope of the PCI 3.10 project has changed. The new exact CAPEX amount is yet to be estimated.)

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Tendering: Preparatory works for construction (e.g. land preparation); Other works or activities
CURRENT IMPLEMENTATION PLAN\(^1\)

<table>
<thead>
<tr>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval(^2)</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting(^3)</td>
<td>Jul-2017</td>
</tr>
<tr>
<td>Construction</td>
<td>Jun-2020</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption(^4)</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation(^5)</td>
<td>The project promoter submitted a folder related to the investment request in July 2016.</td>
</tr>
<tr>
<td>Project specific risk-based incentives(^6)</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

The project promoter provided the costs values and the technical information for the whole PCI cluster 3.10 (2000MW). The information on the status, implementation plan and time progress refer to the first stage (1000 MW) of the project/cluster.

---

\(^1\) The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.

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Interconnection between Kofinou (CY) and Korakia, Crete (EL)

PCI MONITORING 2020

GENERAL DATA

Project promoters
EuroAsia Interconnector Ltd

PCI number
3.10.2

EU TYNDP 2018 project code
219

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Cyprus (CY) Greece (GR)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
www.euroasia-interconnector.com

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2023</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Dec-2023</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>4590*</td>
<td>No data</td>
<td>+10/-10</td>
<td>No data</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
The expected total investment cost decreased due to the following reason(s): Change in project scope or technical characteristics not related to permit granting. (Following the decision of the Greek government to proceed with PCI 3.10.3 as a national project, the scope of the PCI 3.10 project has changed. The new exact CAPEX amount is yet to be estimated.)

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Tendering; Other works or activities
**CURRENT IMPLEMENTATION PLAN**

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>No data</td>
<td>Jul-2017</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Jul-2017</td>
<td>Dec-2020</td>
</tr>
<tr>
<td>Construction</td>
<td>Jun-2020</td>
<td>Dec-2023</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

**NOTES**

The project promoter provided the costs values and the technical information for the whole PCI cluster 3.10 (2000MW). The information on the status, implementation plan and time progress refer to the first stage (1000 MW) of the project/cluster.

---

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
2 Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.
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INTERNAL LINE BETWEEN VERNEROV AND VITKOV (CZ)

PCI MONITORING 2020

GENERAL DATA

Project promoters
ČEPS a.s.

PCI number
3.11.1

EU TYNDP 2018 project code
200

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Czech Republic (CZ)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://www.ceps.cz/cs/projekty-spolecneho-zaimu

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Aug-2023</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Jul-2025</td>
</tr>
</tbody>
</table>

Annual progress: Ahead of schedule

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>120.38</td>
<td>No data</td>
<td>+15/-10</td>
<td>0.13</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition

CURRENT IMPLEMENTATION PLAN¹

¹The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>May-2012</td>
<td>Dec-2012</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Feb-2016</td>
<td>Jan-2020</td>
</tr>
<tr>
<td>Construction</td>
<td>Aug-2021</td>
<td>Aug-2023</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<table>
<thead>
<tr>
<th>Exemption</th>
<th>The project promoter has not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

**NOTES**

The investment item “New 420kV substation in Vitkov” is under construction (expected commissioning date: Dec-2020); the investment item “New 400kV double circuit OHL Vernerov-Vitkov” is in permitting (expected commissioning date: Aug-2023). The project is ahead of previous schedule because the permit granting duration is expected to be shorter compared to previous planning.

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2 Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.

3 For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable.


5 Art. 12 of Regulation (EU) No 347/2013

6 Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

- **Project promoters**: ČEPS a.s.
- **PCI number**: 3.11.2
- **EU TYNDP 2018 project code**: 200
- **Project category**: Transmission
- **Priority corridor**: NSI-EAST
- **Hosting countries**: Czech Republic (CZ)
- **Reference date**: 31 January 2020
- **Reporting period**: 1 February 2019 - 31 January 2020

PCI website: https://www.ceps.cz/cs/projekty-spolecneho-zaimu

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion: N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Nov-2021</td>
</tr>
<tr>
<td>2019</td>
<td>Under construction</td>
<td>Nov-2021</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay: N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>109.03</td>
<td>No data</td>
<td>+15/-10</td>
<td>0.01</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Construction

CURRENT IMPLEMENTATION PLAN

1The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end
<table>
<thead>
<tr>
<th>Project Phase</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>May-2012</td>
<td>Dec-2012</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Feb-2016</td>
<td>Dec-2017</td>
</tr>
<tr>
<td>Construction</td>
<td>Mar-2019</td>
<td>Nov-2021</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

| Exemption⁴              | The project promoter has not submitted such a request |
| Cross Border Cost Allocation⁵ | The project promoter has not submitted such a request |
| Project specific risk-based incentives⁶ | The project promoter has not submitted such a request |

**NOTES**

- date is defined by the last section/element.
- Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.
- For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits ("start date") until the date when the last permit is obtained ("end date") pursuant to the national rules applicable.
**GENERAL DATA**

**Project promoters**  
ČEPS a.s.

**PCI number**  
3.11.3

**EU TYNDP 2018 project code**  
35

**Project category**  
Transmission

**Priority corridor**  
NSI-EAST

**Hosting countries**  
Czech Republic (CZ)

**Reference date**  
31 January 2020

**Reporting period**  
1 February 2019 - 31 January 2020

**PCI website**  

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**TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD**

No technical modification was reported

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**INCLUSION IN THE NATIONAL DEVELOPMENT PLAN**

The project is included in the relevant NDP(s)

**Reason for non-inclusion:**  
N/A

---

**STATUS AND PROGRESS OF THE PROJECT**

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2028</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Nov-2028</td>
</tr>
</tbody>
</table>

**Annual progress:** On time

**Main reason for rescheduling/delay:**  
N/A

---

**COST DATA**

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>315.68</td>
<td>No data</td>
<td>+15/-10</td>
<td>0.07</td>
</tr>
</tbody>
</table>

**Progress of costs during the reporting period / Reasons for changes:**

The expected total investment cost increased due to the following reason(s): Construction cost uncertainties of a substation which is part of the PCI

---

**WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD**

Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>May-2012</td>
<td>Dec-2012</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Jul-2016</td>
<td>Jun-2021</td>
</tr>
<tr>
<td>Construction</td>
<td>Feb-2022</td>
<td>Nov-2028</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

The investment item “New 400kV double circuit OHL Vernerov-Vitkov” is under construction (expected commissioning date: Nov-2024); the investment item “Adding second circuit to the existing single circuit OHL Kocin-Prestice” is in permitting (expected commissioning date: Dec-2028)

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GENERAL DATA

Project promoters
ČEPS a.s.

PCI number
3.11.4

EU TYNDP 2018 project code
200

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Czech Republic (CZ)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://www.ceps.cz/cs/projekty-spolecneho-zaimu

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

The project promoter has discarded the investment item “Upgrade of 420 kV substation Mirovka” from PCI 3.11.4.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Oct-2027</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Oct-2026</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:
PERMITTING: Delays due to other permit granting reasons (different than law changes, environmental problems or preparation of application files). (Please explain in the question below)

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>145.03</td>
<td>No data</td>
<td>+15/-10</td>
<td>0.01</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>May-2012</td>
<td>Dec-2012</td>
</tr>
<tr>
<td>Jan-2016</td>
<td>Dec-2020</td>
</tr>
<tr>
<td>Apr-2023</td>
<td>Oct-2027</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

| Exemption⁴ | The project promoter has not submitted such a request |
| Cross Border Cost Allocation⁵ | The project promoter has not submitted such a request |
| Project specific risk-based incentives⁶ | The project promoter has not submitted such a request |

NOTES

- The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
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- Art. 12 of Regulation (EU) No 347/2013
**GENERAL DATA**

**Project promoters**
ČEPS a.s.

**PCI number**
3.11.5

**EU TYNDP 2018 project code**
200

**Project category**
Transmission

**Priority corridor**
NSI-EAST

**Hosting countries**
Czech Republic (CZ)

**Reference date**
31 January 2020

**Reporting period**
1 February 2019 - 31 January 2020

**PCI website**
https://www.ceps.cz/cs/projekty-spolecneho-zaimu

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**TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD**

No technical modification was reported

**INCLUSION IN THE NATIONAL DEVELOPMENT PLAN**

The project is included in the relevant NDP(s)

**Reason for non-inclusion:**
N/A

**STATUS AND PROGRESS OF THE PROJECT**

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Commissioned</td>
<td>Nov-2019</td>
</tr>
<tr>
<td>2019</td>
<td>Under construction</td>
<td>Sep-2019</td>
</tr>
</tbody>
</table>

**Annual progress:** On time

**Main reason for rescheduling/delay:**
N/A

---

**COST DATA**

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>35.32</td>
<td>No data</td>
<td>+15/-10</td>
<td>0.001</td>
</tr>
</tbody>
</table>

**Progress of costs during the reporting period / Reasons for changes:**

No change of costs was reported

**WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD**

Construction; Commissioning

---

**CURRENT IMPLEMENTATION PLAN**

1The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval(^2)</td>
<td>May-2012</td>
<td>Dec-2012</td>
</tr>
<tr>
<td>Permit granting(^3)</td>
<td>Jan-2016</td>
<td>Dec-2017</td>
</tr>
<tr>
<td>Construction</td>
<td>Jul-2018</td>
<td>Nov-2019</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption(^4)</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation(^5)</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives(^6)</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

**NOTES**

The project was commissioned in July 2019. However other formal permitting procedure regarding the final inspection of the constructed investment before official commissioning took place later.

---

\(^2\) Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country

\(^3\) For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits ("start date") until the date when the last permit is obtained ("end date") pursuant to the national rules applicable


\(^5\) Art. 12 of Regulation (EU) No 347/2013

\(^6\) Art. 13 of Regulation (EU) No 347/2013
INTERNAL LINE BETWEEN KRAJNIK AND BACZYNA (PL)

PCI MONITORING 2020

GENERAL DATA

Project promoters
Polskie Sieci Elektroenergetyczne S.A. (PSE)

PCI number
3.14.2

EU TYNDP 2018 project code
230

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Poland (PL) Poland (PL)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Dec-2021</td>
</tr>
<tr>
<td>2019</td>
<td>Under construction</td>
<td>Dec-2021</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>No data</td>
<td>No data</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Construction

CURRENT IMPLEMENTATION PLAN

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end...
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval^2</td>
<td>Jun-2011</td>
<td>Jun-2011</td>
</tr>
<tr>
<td>Permit granting^3</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>Jul-2019</td>
<td>No data</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption^4</td>
<td>The project promoter(s) have not</td>
</tr>
<tr>
<td></td>
<td>submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation^5</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives^6</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

**NOTES**

- date is defined by the last section/element.

^2 Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country

^3 For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable


^5 Art. 12 of Regulation (EU) No 347/2013

^6 Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

Project promoters
Polskie Sieci Elektroenergetyczne S.A. (PSE)

PCI number
3.14.3

EU TYNDP 2018 project code
230

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Poland (PL)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Jun-2024</td>
</tr>
<tr>
<td>2019</td>
<td>Planned but not yet in permitting</td>
<td>Jun-2024</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>59.764</td>
<td>No data</td>
<td>No data</td>
<td>0</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; Preparation of permitting files, contracts and other documents

CURRENT IMPLEMENTATION PLAN

The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference.
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>Jun-2011</td>
<td>Jun-2011</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Jun-2020</td>
<td>Jan-2022</td>
</tr>
<tr>
<td>Construction</td>
<td>Feb-2021</td>
<td>Oct-2024</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

**NOTES**

- -

---

1 In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
2 Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.
3 For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits ("start date") until the date when the last permit is obtained ("end date") pursuant to the national rules applicable.
Internal line between Baczyna and Plewiska (PL)

PCI MONITORING 2020

GENERAL DATA

Project promoters
Polskie Sieci Elektroenergetyczne S.A. (PSE)

PCI number
3.14.4

EU TYNDP 2018 project code
230

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Poland (PL)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2025</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Dec-2025</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>57.661</td>
<td>No data</td>
<td>No data</td>
<td>0</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; Preparation of permitting files, contracts and other documents

CURRENT IMPLEMENTATION PLAN

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end...
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>No data</td>
<td>Feb-2021</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Jan-2020</td>
<td>Sep-2020</td>
</tr>
<tr>
<td>Construction</td>
<td>Jun-2018</td>
<td>Nov-2022</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<table>
<thead>
<tr>
<th>Exemption⁴</th>
<th>The project promoter has not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

**NOTES**

- date is defined by the last section/element.

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³ For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable.


⁵ Art. 12 of Regulation (EU) No 347/2013

⁶ Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

Project promoters
Slovenská elektrizačná prenosová sústava a.s. (SEPS), Magyar Villamosenergia-ipari Átviteli Rendszerirányító Zrt. (MAVIR)

PCI number
3.16.1

EU TYNDP 2018 project code
48

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Slovakia (SK) Hungary (HU)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Dec-2020</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Dec-2020</td>
</tr>
</tbody>
</table>

Annual progress: On time
Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>27.65</td>
<td>30.882</td>
<td>+11/No data</td>
<td>1.562</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
The expected total investment cost increased due to the following reason(s): Better cost estimation (including increased accuracy, reduction of risk add-ons, or higher cost certainty after finalisation of tender process)

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation)
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>Oct-2008</td>
<td>Mar-2014</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Mar-2016</td>
<td>Aug-2019</td>
</tr>
<tr>
<td>Construction</td>
<td>Dec-2019</td>
<td>Dec-2020</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.

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GENERAL DATA

- Project promoters:
  C.N.T.E.E. Transelectrica S.A.,
  Elektromreža Srbije AD (EMS)

- PCI number:
  3.22.1

- EU TYNDP 2018 project code:
  144

- Project category:
  Transmission

- Priority corridor:
  NSI-EAST

- Hosting countries:
  Romania (RO)  Serbia (RS)

- Reference date:
  31 January 2020

- Reporting period:
  1 February 2019 - 31 January 2020

- PCI website:
  http://www.transelectrica.ro/web/te/projecte-de-
  interes-comun

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Dec-2024</td>
</tr>
<tr>
<td>2019</td>
<td>Construction works finalised</td>
<td>Dec-2021</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:

Delays due to correlation with other delayed infrastructure investments (for transmission PCIs)

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>22.3</td>
<td>No data</td>
<td>No data</td>
<td>0.11</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Examination of several variants of temporary/provisional connection in the existent 220/110 kV substation Resita.
## CURRENT IMPLEMENTATION PLAN\(^1\)

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval(^2)</td>
<td>Apr-2015</td>
<td>Jul-2015</td>
</tr>
<tr>
<td>Permit granting(^3)</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>Oct-2014</td>
<td>Mar-2018</td>
</tr>
</tbody>
</table>

## REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption(^4)</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation(^5)</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives(^6)</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

## NOTES

The project promoter indicated that the execution works had been finalized in Mar-2018, but the line is not in commercial operation because the substation that the OHL connects to at Resita is 220 kV and the upgrade of the substation to 400 kV is part of another project (PCI 3.22.2) and not yet finalized.

---

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\(^2\) Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.

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INTERNAL LINE BETWEEN PORTILE DE FIER AND RESITA (RO)

PCI MONITORING 2020

GENERAL DATA

Project promoters
C.N.T.E.E. Transelectrica S.A.

PCI number
3.22.2

EU TYNDP 2018 project code
144

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Romania (RO) Romania (RO)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
http://www.transelectrica.ro/web/tel/proiecte-de-interes-comun

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Dec-2024</td>
</tr>
<tr>
<td>2019</td>
<td>Under construction</td>
<td>Dec-2021</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:
Insolvency of general contractor

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>46</td>
<td>No data</td>
<td>No data</td>
<td>0.332</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
The expected total investment cost decreased due to the following reason(s): Exchange rates variations

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Construction

CURRENT IMPLEMENTATION PLAN

1The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference
### REGULATORY TREATMENT

| Exemption | The project promoter(s) have not submitted such a request
| Cross Border Cost Allocation | The project promoter(s) have not submitted such a request
| Project specific risk-based incentives | The project promoter(s) have not submitted such a request

### NOTES

- **date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.**

- **Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.**

- **For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable.**


- **Art. 12 of Regulation (EU) No 347/2013**

- **Art. 13 of Regulation (EU) No 347/2013**
Internal line between Resita and Timisoara / Sacalaz (RO)
PCI MONITORING 2020

GENERAL DATA

Project promoters
C.N.T.E.E. Transelectrica S.A.

PCI number
3.22.3

EU TYNDP 2018 project code
144

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Romania (RO) Romania (RO)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
http://www.transelectrica.ro/web/tel/proiecte-de-interes-comun

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2025</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Dec-2023</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:

Delays due to correlation with other delayed infrastructure investments (for transmission PCIs)

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>32</td>
<td>No data</td>
<td>No data</td>
<td>0.23</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

The expected total investment cost decreased due to the following reason(s): Exchange rates variations

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; Public consultation
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>Sep-2018</td>
<td>Feb-2019</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Oct-2017</td>
<td>May-2021</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2021</td>
<td>Dec-2025</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

| Exemption             | The project promoter(s) have not submitted such a request |
| Cross Border Cost Allocation | The project promoter(s) have not submitted such a request |
| Project specific risk-based incentives | The project promoter(s) have not submitted such a request |

NOTES

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
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5 Art. 12 of Regulation (EU) No 347/2013
6 Art. 13 of Regulation (EU) No 347/2013
Internal line between Arad and Timisoara/Sacalaz (RO)
PCI Monitoring 2020

GENERAL DATA

Project promoters
C.N.T.E.E. Transelectrica S.A.

PCI number
3.22.4

EU TYNPD 2018 project code
144

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Romania (RO)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
http://www.transelectrica.ro/web/te/proiecte-de-interes-comun

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2027</td>
</tr>
<tr>
<td>2019</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2027</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>43</td>
<td>No data</td>
<td>No data</td>
<td>0.344</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
The expected total investment cost decreased due to the following reason(s): Exchange rates variations

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: technical feasibility

CURRENT IMPLEMENTATION PLAN

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval(^2)</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting(^3)</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>Dec-2022</td>
<td>Dec-2027</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption(^4)</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation(^5)</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives(^6)</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

**NOTES**

- In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
- Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.
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GENERAL DATA

**Project promoters**
 Electroenergien Sistemen Operator EAD (ESO), Independent Power Transmission Operator (ADMIE) S.A.

**PCI number**
 3.7.1

**EU TYNDP 2018 project code**
142

**Project category**
Transmission

**Priority corridor**
NSI-EAST

**Hosting countries**
Bulgaria (BG) Greece (GR)

**Reference date**
31 January 2020

**Reporting period**
1 February 2019 - 31 January 2020

**PCI website**
http://projects.eso.bg/projects/maritsa-east-nea-santa/

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

**Reason for non-inclusion:**
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Jan-2023</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Jan-2023</td>
</tr>
</tbody>
</table>

**Annual progress:** On time  
**Main reason for rescheduling/delay:** N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>66.24</td>
<td>0</td>
<td>+3/-3</td>
<td>0.1</td>
</tr>
</tbody>
</table>

**Progress of costs during the reporting period / Reasons for changes:**
The expected total investment cost decreased due to the following reason(s): Construction contracts on Bulgarian territory are already signed. ; Better cost estimation (including increased accuracy, reduction of risk add-ons, or higher cost certainty after finalisation of tender process)

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>May-2014</td>
<td>Jun-2015</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Apr-2015</td>
<td>Apr-2018</td>
</tr>
<tr>
<td>Construction</td>
<td>Nov-2019</td>
<td>Dec-2022</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The NRA issued a CBCA decision in Aug-2018.</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

1. The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
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Internal line between Maritsa East 1 and Plovdiv (BG)

PCI MONITORING 2020

GENERAL DATA

Project promoters
Electroenergien Sistemen Operator EAD (ESO)

PCI number
3.7.2

EU TYNDP 2018 project code
142

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Bulgaria (BG)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
http://projects.eso.bg/projects/maritsa-east-plovdiv/

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Jul-2022</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Nov-2021</td>
</tr>
</tbody>
</table>

Annual progress: Delayed
Main reason for rescheduling/delay:
Delays in tendering process

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>28</td>
<td>0</td>
<td>+3/-3</td>
<td>0.03</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
The expected total investment cost decreased due to the following reason(s): Contract for construction of the line is signed. Better cost estimation (including increased accuracy, reduction of risk add-ons, or higher cost certainty after finalisation of tender process)

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation)
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval³</td>
<td>Dec-2014</td>
<td>Jul-2015</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Dec-2014</td>
<td>May-2019</td>
</tr>
<tr>
<td>Construction</td>
<td>Feb-2020</td>
<td>Jul-2022</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

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Internal line between Maritsa East 1 and Maritsa East 3 (BG)

PCI MONITORING 2020

GENERAL DATA

Project promoters
Electroenergien Sistemen Operator EAD (ESO)

PCI number
3.7.3

EU TYNDP 2018 project code
142

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Bulgaria (BG)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
http://projects.eso.bg/projects/maritsa-east-maritsa-east3/

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Jun-2021</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Jul-2020</td>
</tr>
</tbody>
</table>

Annual progress: On time
Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>7.5</td>
<td>0</td>
<td>+3/-0</td>
<td>0.01</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation); Construction
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>Dec-2014</td>
<td>Jul-2015</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Dec-2014</td>
<td>May-2019</td>
</tr>
<tr>
<td>Construction</td>
<td>May-2019</td>
<td>Jun-2020</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

PCI 3.7.3. is implemented in parallel with PCI 3.7.4. According to the Detailed Design in the area between Maritsa East s/s and Maritsa East 3 s/s the two power lines are on a common tower line. In this regard, the expected date of commissioning of the two PCIs is the same, although there is no shift/delays/rescheduling in the construction schedule for the PCI 3.7.3.

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INTERNAL LINE BETWEEN MARITSA EAST 1 AND BURGAS (BG)

PCI MONITORING 2020

GENERAL DATA

Project promoters
Electroenergien Sistemen Operator EAD (ESO)

PCI number
3.7.4

EU TYNDP 2018 project code
142

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Bulgaria (BG)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
http://projects.eso.bg/projects/maritsa-east-burgas/

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Jun-2021</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Jun-2021</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>63.07</td>
<td>0</td>
<td>+3/-0</td>
<td>0.03</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation); Construction
### CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval2</td>
<td>Dec-2014</td>
<td>Jul-2015</td>
</tr>
<tr>
<td>Permit granting3</td>
<td>Dec-2014</td>
<td>May-2019</td>
</tr>
<tr>
<td>Construction</td>
<td>Jun-2019</td>
<td>Apr-2021</td>
</tr>
</tbody>
</table>

### REGULATORY TREATMENT

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption4</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation5</td>
<td>The NRA issued a CBCA decision in Apr-2015</td>
</tr>
<tr>
<td>Project specific risk-based incentives6</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

### NOTES

- 

---

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5 Art. 12 of Regulation (EU) No 347/2013
6 Art. 13 of Regulation (EU) No 347/2013
INTERNAL LINE BETWEEN DOBRUDJA AND BURGAS (BG)

PCI MONITORING 2020

GENERAL DATA

Project promoters
Electroenergien Sistemen Operator EAD (ESO)

PCI number
3.8.1

EU TYNDP 2018 project code
138

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Bulgaria (BG)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
http://projects.eso.bg/projects/dobrutja-burgas/

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Jun-2021</td>
</tr>
<tr>
<td>2019</td>
<td>Under construction</td>
<td>Sep-2021</td>
</tr>
</tbody>
</table>

Annual progress: Ahead of schedule

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>55.9</td>
<td>0</td>
<td>+3/-0</td>
<td>0.03</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
The expected total investment cost decreased due to the following reason(s): Construction contracts are signed. Better cost estimation (including increased accuracy, reduction of risk add-ons, or higher cost certainty after finalisation of tender process)

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design; Tendering; Preparatory works for construction (e.g. land preparation); Construction
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dec-2014</td>
<td>Jul-2015</td>
</tr>
<tr>
<td>Dec-2014</td>
<td>Jun-2019</td>
</tr>
<tr>
<td>Nov-2018</td>
<td>Dec-2020</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Exemption</th>
<th>The project promoter has not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The NRA issued a CBCA decision in Apr-2016</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

- 

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
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INTERNAL LINE BETWEEN CERNAVODA AND STALPU (RO)

PCI MONITORING 2020

GENERAL DATA

- **Project promoters**: C.N.T.E.E. Transelectrica S.A.
- **PCI number**: 3.8.4
- **EU TYNDP 2018 project code**: 138
- **Project category**: Transmission
- **Priority corridor**: NSI-EAST
- **Hosting countries**: Romania (RO)
- **Reference date**: 31 January 2020
- **Reporting period**: 1 February 2019 - 31 January 2020
- **PCI website**: [http://www.transelectrica.ro/web/tele/proiecte-de-interes-comun](http://www.transelectrica.ro/web/tele/proiecte-de-interes-comun)

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:

N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Dec-2021</td>
</tr>
<tr>
<td>2019</td>
<td>Under construction</td>
<td>Dec-2020</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:

Long duration of the procurement procedure due to some of litigations submitted.

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>71</td>
<td>No data</td>
<td>No data</td>
<td>0.44</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

The expected total investment cost decreased due to the following reason(s): Exchange rates variations

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Construction

CURRENT IMPLEMENTATION PLAN

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference.
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>Jul-2016</td>
<td>Oct-2016</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Jan-2012</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>Feb-2019</td>
<td>Dec-2021</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The NRA issued a CBCA decision in Oct-2016</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

**NOTES**

- date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
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- Art. 12 of Regulation (EU) No 347/2013
- Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

Project promoters
C.N.T.E.E. Transelectrica S.A.

PCI number
3.8.5

EU TYNDP 2018 project code
138

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Romania (RO)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
http://www.transelectrica.ro/web/tel/proiecte-de-interes-comun

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2023</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Dec-2022</td>
</tr>
</tbody>
</table>

Annual progress: Delayed
Main reason for rescheduling/delay:
Long duration of the procurement procedure due to some of litigations submitted.

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>38</td>
<td>No data</td>
<td>No data</td>
<td>0.19</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents

CURRENT IMPLEMENTATION PLAN¹

¹The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end...
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval&lt;sup&gt;2&lt;/sup&gt;</td>
<td>Oct-2018</td>
<td>Nov-2018</td>
</tr>
<tr>
<td>Permit granting&lt;sup&gt;3&lt;/sup&gt;</td>
<td>2011 (no month data)</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2021</td>
<td>Dec-2023</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption&lt;sup&gt;4&lt;/sup&gt;</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation&lt;sup&gt;5&lt;/sup&gt;</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives&lt;sup&gt;6&lt;/sup&gt;</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

**NOTES**

- date is defined by the last section/element.

<sup>2</sup> Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.

<sup>3</sup> For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits ("start date") until the date when the last permit is obtained ("end date") pursuant to the national rules applicable.


GENERAL DATA

Project promoters
ELES d.o.o., Magyar Villamosenergia-ipari Átviteli Rendszerirányító Zrt. (MAVIR), Hrvatski operator prijenosnog sustava d.o.o. (HOPS)

PCI number
3.9.1

EU TYNDP 2018 project code
320

Project category
Transmission

Priority corridor
NSI-EAST

Hosting countries
Slovenia (SI) Hungary (HU) Croatia (HR)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://www.cirkovce-pince.eu/en

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2021</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Dec-2021</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>134.5</td>
<td>No data</td>
<td>No data</td>
<td>0.12</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Tendering; Preparatory works for construction (e.g. land preparation); Construction
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval¹</td>
<td>No data</td>
<td>Jan-2003</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Sep-2000</td>
<td>Sep-2020</td>
</tr>
<tr>
<td>Construction</td>
<td>Apr-2019</td>
<td>Dec-2021</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The NRA(s) issued a CBCA decision in Sep-2018</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

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⁵ Art. 12 of Regulation (EU) No 347/2013

⁶ Art. 13 of Regulation (EU) No 347/2013
Interconnection between northern Finland and northern Sweden

PCI MONITORING 2020

GENERAL DATA

**Project promoters**
Fingrid Oyj, Svenska Kraftnät (SvK)

**PCI number**
4.10.1

**EU TYNDP 2018 project code**
111

**Project category**
Transmission

**Priority corridor**
BEMIP

**Hosting countries**
Finland (FI)  Sweden (SE)

**Reference date**
31 January 2020

**Reporting period**
1 February 2019 - 31 January 2020

**PCI website**
https://www.svk.se/natutveckling/transmissionsnatsprojekt/messaure-keminmaa/

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

Changes in detailed topology design of Viitajärvi substation. Messaure-Viitajärvi line route has been selected.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2025</td>
</tr>
<tr>
<td>2019</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2025</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>175</td>
<td>No data</td>
<td>No data</td>
<td>0.24</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval(^2)</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Permit granting(^3)</td>
<td>Sep-2019</td>
<td>Dec-2021</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2023</td>
<td>Dec-2025</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption(^4)</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation(^5)</td>
<td>The NRAs issued a CBCA decision in Mar-2020</td>
</tr>
<tr>
<td>Project specific risk-based incentives(^6)</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

-  

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\(^5\) Art. 12 of Regulation (EU) No 347/2013

\(^6\) Art. 13 of Regulation (EU) No 347/2013
Internal line between Keminmaa and Pyhänselkä (FI)

PCI MONITORING 2020

GENERAL DATA

Project promoters
Fingrid Oyj

PCI number
4.10.2

EU TYNDP 2018 project code
96

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Finland (FI)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

Detailed topology planning has developed. A new Viitajärvi substation is needed.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2024</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Dec-2024</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>66</td>
<td>No data</td>
<td>No data</td>
<td>0</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents; Negotiations with landowners and land acquisition; Detailed technical design
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Mar-2018</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2022</td>
<td>Dec-2024</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The NRAs issued a CBCA decision in Mar-2020</td>
</tr>
<tr>
<td>Project specific risk-based</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>incentives</td>
<td></td>
</tr>
</tbody>
</table>

NOTES

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GENERAL DATA

Project promoters
Elering AS, Augstsprieguma tīkls AS (AST)

PCI number
4.2.1

EU TYNDP 2018 project code
62

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Estonia (EE) Latvia (LV)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Jun-2021</td>
</tr>
<tr>
<td>2019</td>
<td>Under construction</td>
<td>Dec-2020</td>
</tr>
</tbody>
</table>

Annual progress: Delayed
Main reason for rescheduling/delay:
Delays in construction works

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>108.88</td>
<td>No data</td>
<td>No data/-2</td>
<td>0.05</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparatory works for construction (e.g. land preparation); Construction

CURRENT IMPLEMENTATION PLAN

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end...
**REGULATORY TREATMENT**

| Exemption | The project promoter(s) have not submitted such a request |
| Cross Border Cost Allocation | The NRAs issued a CBCA decision in Apr-2014 |
| Project specific risk-based incentives | The project promoter(s) have not submitted such a request |

**NOTES**

- 

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2 Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.

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5 Art. 12 of Regulation (EU) No 347/2013

6 Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

Project promoters
Elering AS

PCI number
4.2.2

EU TYNDP 2018 project code
62

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Estonia (EE)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Dec-2020</td>
</tr>
<tr>
<td>2019</td>
<td>Under construction</td>
<td>Dec-2020</td>
</tr>
</tbody>
</table>

Annual progress: On time
Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>72.774</td>
<td>No data</td>
<td>No data</td>
<td>0.11</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Construction

CURRENT IMPLEMENTATION PLAN

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end...
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval(^2)</td>
<td>Oct-2012</td>
<td>Mar-2016</td>
</tr>
<tr>
<td>Permit granting(^3)</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>Apr-2017</td>
<td>Nov-2020</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<table>
<thead>
<tr>
<th>Exemption(^4)</th>
<th>The project promoter has not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation(^5)</td>
<td>The NRAs issued a CBCA decision in Apr-2014</td>
</tr>
<tr>
<td>Project specific risk-based incentives(^6)</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

**NOTES**

- date is defined by the last section/element.
- Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.
- For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable.
**GENERAL DATA**

**Project promoters**
Augstsprieguma tikls AS (AST)

**PCI number**
4.2.3

**EU TYNDP 2018 project code**
62

**Project category**
Transmission

**Priority corridor**
BEMIP

**Hosting countries**
Latvia (LV)

**Reference date**
31 January 2020

**Reporting period**
1 February 2019 - 31 January 2020

**PCI website**

---

**TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD**

No technical modification was reported

---

**INCLUSION IN THE NATIONAL DEVELOPMENT PLAN**

The project is included in the relevant NDP(s)

**Reason for non-inclusion:**
N/A

---

**STATUS AND PROGRESS OF THE PROJECT**

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Dec-2020</td>
</tr>
<tr>
<td>2019</td>
<td>Under construction</td>
<td>Dec-2020</td>
</tr>
</tbody>
</table>

**Annual progress:** On time

**Main reason for rescheduling/delay:**
N/A

---

**COST DATA**

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>19.98</td>
<td>14.56</td>
<td>No data/-27</td>
<td>0.05</td>
</tr>
</tbody>
</table>

**Progress of costs during the reporting period / Reasons for changes:**

No change of costs was reported

---

**WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD**

Preparatory works for construction (e.g. land preparation); Construction

---

**CURRENT IMPLEMENTATION PLAN**

[^1]: The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end...
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>Jan-2015</td>
<td>Aug-2015</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Jan-2015</td>
<td>Jun-2017</td>
</tr>
<tr>
<td>Construction</td>
<td>Mar-2019</td>
<td>Nov-2020</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<table>
<thead>
<tr>
<th>Exemption</th>
<th>The project promoter has not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The NRAs issued a CBCA decision in Jul-2016</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

**NOTES**

- [2] Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.
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GENERAL DATA

Project promoters
Svenska Kraftnät (SvK)

PCI number
4.4.2

EU TYNDP 2018 project code
124

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Sweden (SE)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

The estimated distance for Nybro-Hemsjö is to be changed from 85-90 km to 85-95 km.

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Mar-2025</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Not specified</td>
</tr>
</tbody>
</table>

Annual progress: Delayed

Main reason for rescheduling/delay:

PERMITTING: Delays due to other permit granting reasons (different than law changes, environmental problems or preparation of application files). (Please explain in the question below)

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>256</td>
<td>No data</td>
<td>No data</td>
<td>0.1</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

The expected total investment cost increased due to the following reason(s): Better cost estimation (including increased accuracy, reduction of risk add-ons, or higher cost certainty after finalisation of tender process)

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Detailed technical design; Other works or activities
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>No data</td>
<td>Feb-2014</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Sep-2015</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>No data</td>
<td>Mar-2025</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

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GENERAL DATA

**Project promoters**
Polskie Sieci Elektroenergetyczne S.A. (PSE)

**PCI number**
4.5.2

**EU TYNDP 2018 project code**
123

**Project category**
Transmission

**Priority corridor**
BEMIP

**Hosting countries**
Poland (PL)

**Reference date**
31 January 2020

**Reporting period**
1 February 2019 - 31 January 2020

**PCI website**

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Dec-2023</td>
</tr>
<tr>
<td>2019</td>
<td>Under construction</td>
<td>Dec-2023</td>
</tr>
</tbody>
</table>

Annual progress: On time
Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>52.186</td>
<td>No data</td>
<td>No data</td>
<td>0.25</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Construction

CURRENT IMPLEMENTATION PLAN

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>Jun-2011</td>
<td>Jun-2011</td>
</tr>
<tr>
<td>Construction</td>
<td>Feb-2015</td>
<td>Dec-2020</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

**NOTES**

- date is defined by the last section/element.

² Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country

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⁵ Art. 12 of Regulation (EU) No 347/2013

⁶ Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

**Project promoters**
Elering AS, Augstsprieguma tīkls AS (AST)

**PCI number**
4.8.1

**EU TYNDP 2018 project code**
170

**Project category**
Transmission

**Priority corridor**
BEMIP

**Hosting countries**
Estonia (EE) Latvia (LV)

**Reference date**
31 January 2020

**Reporting period**
1 February 2019 - 31 January 2020

**PCI website**

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2023</td>
</tr>
<tr>
<td>2019</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2023</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>53.66</td>
<td>No data</td>
<td>No data</td>
<td>0.05</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Public consultation; Preparation of permitting files, contracts and other documents

CURRENT IMPLEMENTATION PLAN

The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end...
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>Jun-2014</td>
<td>Aug-2015</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Sep-2017</td>
<td>May-2018</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2021</td>
<td>Nov-2023</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The NRA(s) issued a CBCA decision in Sep-2018</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

**NOTES**

- date is defined by the last section/element.

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⁵ Art. 12 of Regulation (EU) No 347/2013

⁶ Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

Project promoters
Polskie Sieci Elektroenergetyczne S.A. (PSE), Litgrid AB

PCI number
4.8.10

EU TYNDP 2018 project code
170

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Lithuania (LT) Poland (PL) Sweden (SE)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2025</td>
</tr>
<tr>
<td>2019</td>
<td>(Not a PCI)</td>
<td>-</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
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<td>+10/-10</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; STUDY: socio-economic feasibility; Identification of alternative solutions / site identification; Public consultation; Preparatory works for construction (e.g. land preparation); Other works or activities
CURRENT IMPLEMENTATION PLAN¹

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>Dec-2019</td>
<td>Sep-2022</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Jun-2019</td>
<td>Dec-2023</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2024</td>
<td>Nov-2025</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The project promoter(s) submitted an investment request in Nov-2019</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

EEZ of Sweden are crossed by the project.

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GENERAL DATA

Project promoters
Litgrid AB

PCI number
4.8.11

EU TYNDP 2018 project code
170

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Lithuania (LT)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
No data

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under construction</td>
<td>Dec-2020</td>
</tr>
<tr>
<td>2019</td>
<td>(Not a PCI)</td>
<td>-</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
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<tbody>
<tr>
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Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Detailed technical design; Tendering

CURRENT IMPLEMENTATION PLAN

The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference...
## Upgrades in Alytus substation (LT)

### PCI REPORT 2020

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval&lt;sup&gt;2&lt;/sup&gt;</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting&lt;sup&gt;3&lt;/sup&gt;</td>
<td>Nov-2019</td>
<td>Jan-2020</td>
</tr>
<tr>
<td>Construction</td>
<td>Feb-2020</td>
<td>Nov-2020</td>
</tr>
</tbody>
</table>

### REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Exemption&lt;sup&gt;4&lt;/sup&gt;</th>
<th>The project promoter has not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation&lt;sup&gt;5&lt;/sup&gt;</td>
<td>The NRA(s) issued a CBCA decision in Sep-2018. At the time of the issuance of the CBCA decision the project was part of PCI 4.8.9.</td>
</tr>
<tr>
<td>Project specific risk-based incentives&lt;sup&gt;6&lt;/sup&gt;</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

### NOTES

- 

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<sup>1</sup> For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable.

<sup>2</sup> Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.

<sup>3</sup> For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable.


Reconstructions in North-Eastern Lithuania (LT)
PCI MONITORING 2020

GENERAL DATA

Project promoters
Litgrid AB

PCI number
4.8.12

EU TYNDP 2018 project code
170

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Lithuania (LT)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
No data

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
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</thead>
<tbody>
<tr>
<td>2020</td>
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<tr>
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Annual progress: On time
Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
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Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Detailed technical design; Preparatory works for construction (e.g. land preparation); Construction

CURRENT IMPLEMENTATION PLAN\(^1\)

\(^1\)The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference
Reconstructions in North-Eastern Lithuania (LT)
PCI REPORT 2020

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
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</thead>
<tbody>
<tr>
<td>Planning approval</td>
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<tr>
<td>Permit granting</td>
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<td>May-2019</td>
<td>Jan-2021</td>
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REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Status</th>
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<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

- In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
- Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.
- For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable.
New 330kV Mūša substation (LT)
PCI MONITORING 2020

GENERAL DATA

Project promoters
Litgrid AB

PCI number
4.8.13

EU TYNDP 2018 project code
170

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Lithuania (LT)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
No data

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
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<th>Status</th>
<th>Commissioning date</th>
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<td>2019</td>
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Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
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<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
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Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; Identification of alternative solutions / site identification; Preparation of permitting files, contracts and other documents; Tendering

CURRENT IMPLEMENTATION PLAN¹

¹The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference
### REGULATORY TREATMENT

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
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<tbody>
<tr>
<td>Planning approval(^2)</td>
<td>Dec-2019</td>
<td>Sep-2022</td>
</tr>
<tr>
<td>Permit granting(^3)</td>
<td>Jun-2019</td>
<td>May-2024</td>
</tr>
<tr>
<td>Construction</td>
<td>May-2024</td>
<td>Nov-2025</td>
</tr>
</tbody>
</table>

- **Exemption\(^4\)**: The project promoter has not submitted such a request.
- **Cross Border Cost Allocation\(^5\)**: The NRA(s) issued a CBCA decision in Sep-2018. At the time of the issuance of the CBCA decision the project was part of PCI 4.8.9.
- **Project specific risk-based incentives\(^6\)**: The project promoter has not submitted such a request.

### NOTES

- In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
- Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.
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INTERNAL LINE BETWEEN BITENAI AND KHAE (LT)
PCI MONITORING 2020

GENERAL DATA

Project promoters
Litgrid AB

PCI number
4.8.14

EU TYNDP 2018 project code
170

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Lithuania (LT)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
No data

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
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<td>Jan-2025</td>
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<tr>
<td>2019</td>
<td>(Not a PCI)</td>
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Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
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Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents; Tendering
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
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<th>End date</th>
</tr>
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<tr>
<td>Planning approval</td>
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<td>Jul-2021</td>
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<td>Permit granting</td>
<td>Jun-2019</td>
<td>Nov-2022</td>
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<tr>
<td>Construction</td>
<td>Jan-2022</td>
<td>Jan-2025</td>
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REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The NRA(s) issued a CBCA decision in Sep-2018. At the time of the issuance of the CBCA decision the project was part of PCI 4.8.9.</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
2 Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.
3 For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits ("start date") until the date when the last permit is obtained ("end date") pursuant to the national rules applicable.
GENERAL DATA

Project promoters
Litgrid AB

PCI number
4.8.15

EU TYNDP 2018 project code
170

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Lithuania (LT)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
No data

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
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</thead>
<tbody>
<tr>
<td>2020</td>
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</tr>
<tr>
<td>2019</td>
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Annual progress: On time
Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
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Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; Identification of alternative solutions / site identification; Tendering

CURRENT IMPLEMENTATION PLAN

The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference...
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
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<tbody>
<tr>
<td>Planning approval²</td>
<td>Dec-2019</td>
<td>Sep-2022</td>
</tr>
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<td>Permit granting³</td>
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<tr>
<td>Construction</td>
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<td>Sep-2025</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The project promoter(s) submitted an investment request in Nov-2019</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter has not submitted such a request</td>
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</tbody>
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**NOTES**

² Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.

³ For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable.


⁵ Art. 12 of Regulation (EU) No 347/2013

⁶ Art. 13 of Regulation (EU) No 347/2013
INTERNAL LINE BETWEEN DARBENAI AND BITENAI (LT)

PCI MONITORING 2020

GENERAL DATA

Project promoters
Litgrid AB

PCI number
4.8.16

EU TYNDP 2018 project code
170

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Lithuania (LT)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
No data

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
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Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

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<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
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Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; Identification of alternative solutions / site identification; Preparation of permitting files, contracts and other documents

CURRENT IMPLEMENTATION PLAN

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>Nov-2019</td>
<td>Jul-2021</td>
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<td>Permit granting³</td>
<td>Jun-2019</td>
<td>Nov-2022</td>
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<td>Construction</td>
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<td>May-2025</td>
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**REGULATORY TREATMENT**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Description</th>
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<tbody>
<tr>
<td>Exemption⁴</td>
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<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The NRA(s) issued a CBCA decision in Sep-2018. At the time of the issuance of the CBCA decision the project was part of PCI 4.8.9.</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
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**NOTES**

Last modified date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.

² Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country

³ For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable


⁵ Art. 12 of Regulation (EU) No 347/2013

⁶ Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

Project promoters
Litgrid AB

PCI number
4.8.17

EU TYNDP 2018 project code
170

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Lithuania (LT)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
No data

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
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</thead>
<tbody>
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<tr>
<td>2019</td>
<td>(Not a PCI)</td>
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Annual progress: On time
Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
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<tbody>
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Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Detailed technical design; Construction

CURRENT IMPLEMENTATION PLAN

The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
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<tr>
<td>Planning approval</td>
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<td>Construction</td>
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**REGULATORY TREATMENT**

<p>| | |</p>
<table>
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<tr>
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<tr>
<td>Exemption</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

**NOTES**

- In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.
- Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.
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- Art. 12 of Regulation (EU) No 347/2013
- Art. 13 of Regulation (EU) No 347/2013
**GENERAL DATA**

- **Project promoters**: Polskie Sieci Elektroenergetyczne S.A. (PSE)

- **PCI number**: 4.8.18

- **EU TYNDP 2018 project code**: 170

- **Project category**: Transmission

- **Priority corridor**: BEMIP

- **Hosting countries**: Poland (PL)

- **Reference date**: 31 January 2020

- **Reporting period**: 1 February 2019 - 31 January 2020


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**TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD**

No technical modification was reported

**INCLUSION IN THE NATIONAL DEVELOPMENT PLAN**

The project is included in the relevant NDP(s)

**Reason for non-inclusion**: N/A

**STATUS AND PROGRESS OF THE PROJECT**

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2027</td>
</tr>
<tr>
<td>2019</td>
<td>(Not a PCI)</td>
<td>-</td>
</tr>
</tbody>
</table>

**Annual progress**: On time

**Main reason for rescheduling/delay**: N/A

**COST DATA**

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>No data</td>
<td>No data</td>
<td>No data</td>
<td>0</td>
</tr>
</tbody>
</table>

**Progress of costs during the reporting period / Reasons for changes**: No change of costs was reported

**WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD**

**STUDY**: technical feasibility

**CURRENT IMPLEMENTATION PLAN**

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date by the latest section/element.
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>No data</td>
<td>Aug-2023</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Jul-2022</td>
<td>Apr-2023</td>
</tr>
<tr>
<td>Construction</td>
<td>Aug-2023</td>
<td>Jun-2025</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<table>
<thead>
<tr>
<th>Exemption⁴</th>
<th>The project promoter has not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The project promoter(s) submitted an investment request in Nov-2019</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

**NOTES**

The project promoter indicated that the investment is carried out together with the construction of the Pila Krzewina - Żydowo Kierzkowo line. The indicated costs have been divided into individual investments in proportion to the length of implemented line sections.

---

² Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.

³ For PCIs for which a project promoter has submitted an application file after 16 November 2013, it refers to the permit granting procedure pursuant to Article 10 of Regulation (EU) No 347/2013. For PCIs for which a project promoter has submitted an application file before 16 November 2013, it refers to the period from the date of submitting the first application for permits (“start date”) until the date when the last permit is obtained (“end date”) pursuant to the national rules applicable.


⁵ Art. 12 of Regulation (EU) No 347/2013

⁶ Art. 13 of Regulation (EU) No 347/2013
INTERNAL LINE BETWEEN PIŁA KREWINA AND ŻYDOWO KIERZKOWO (PL)

PCI MONITORING 2020

GENERAL DATA

Project promoters
Polskie Sieci Elektroenergetyczne S.A. (PSE)

PCI number
4.8.19

EU TYNDP 2018 project code
170

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Poland (PL)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT


<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
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<td>Dec-2027</td>
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<tr>
<td>2019</td>
<td>(Not a PCI)</td>
<td>-</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA


<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
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<td>No data</td>
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<td>0</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: technical feasibility

CURRENT IMPLEMENTATION PLAN

¹The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end
**REGULATORY TREATMENT**

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
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<tr>
<td>Planning approval²</td>
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<td>Permit granting³</td>
<td>Jul-2022</td>
<td>Apr-2023</td>
</tr>
<tr>
<td>Construction</td>
<td>Aug-2023</td>
<td>Jun-2025</td>
</tr>
</tbody>
</table>

**NOTES**

The project promoter indicated that the investment is carried out together with the construction of the Dunowo - Żydowo Kierzkowo line. The indicated costs have been divided into individual investments in proportion to the length of implemented line sections.

---

2 Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.

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5 Art. 12 of Regulation (EU) No 347/2013

6 Art. 13 of Regulation (EU) No 347/2013
GENERAL DATA

Project promoters
Elering AS

PCI number
4.8.2

EU TYNDP 2018 project code
170

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Estonia (EE)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website
https://elering.ee/en/synchronization-continental-europe

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
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</thead>
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<tr>
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<td>2019</td>
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</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
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<tbody>
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</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Detailed technical design; Tendering

CURRENT IMPLEMENTATION PLAN

1The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference...
<table>
<thead>
<tr>
<th>Event</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval(^2)</td>
<td>Jan-2015</td>
<td>Aug-2015</td>
</tr>
<tr>
<td>Permit granting(^3)</td>
<td>No data</td>
<td>Aug-2020</td>
</tr>
<tr>
<td>Construction</td>
<td>Apr-2021</td>
<td>Feb-2023</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption(^4)</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation(^5)</td>
<td>The NRA(s) issued a CBCA decision in Sep-2018</td>
</tr>
<tr>
<td>Project specific risk-based incentives(^6)</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

**NOTES**

- 

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\(^1\) Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country.

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GENERAL DATA

Project promoters
Polskie Sieci Elektroenergetyczne S.A. (PSE)

PCI number
4.8.20

EU TYNDP 2018 project code
170

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Poland (PL)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2025</td>
</tr>
<tr>
<td>2019</td>
<td>(Not a PCI)</td>
<td>-</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>No data</td>
<td>No data</td>
<td>-</td>
<td>0</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: technical feasibility; Preparation of permitting files, contracts and other documents

CURRENT IMPLEMENTATION PLAN

The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end
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<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
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<td>Apr-2020</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Construction</td>
<td>May-2021</td>
<td>Oct-2022</td>
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**REGULATORY TREATMENT**

<table>
<thead>
<tr>
<th></th>
<th>The project promoter has not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td></td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td></td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td></td>
</tr>
</tbody>
</table>

**NOTES**

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- Art. 12 of Regulation (EU) No 347/2013
- Art. 13 of Regulation (EU) No 347/2013
INTERNAL LINE BETWEEN MORZYCZYN-DUNOWO-SŁUPSK-ŻARNOWIEC (PL)

PCI MONITORING 2020

GENERAL DATA

Project promoters
Polskie Sieci Elektroenergetyczne S.A. (PSE)

PCI number
4.8.21

EU TYNDP 2018 project code
170

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Poland (PL)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2025</td>
</tr>
<tr>
<td>2019</td>
<td>(Not a PCI)</td>
<td>-</td>
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</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
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<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>No data</td>
<td>No data</td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: technical feasibility; Preparation of permitting files, contracts and other documents

CURRENT IMPLEMENTATION PLAN

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<table>
<thead>
<tr>
<th>Event</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval*</td>
<td>No data</td>
<td>Aug-2022</td>
</tr>
<tr>
<td>Permit granting*</td>
<td>Mar-2021</td>
<td>Jul-2022</td>
</tr>
<tr>
<td>Construction</td>
<td>Feb-2023</td>
<td>May-2024</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<table>
<thead>
<tr>
<th>Event</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption*</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation*</td>
<td>The project promoter(s) submitted an investment request in Nov-2019</td>
</tr>
<tr>
<td>Project specific risk-based incentives*</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

**NOTES**

- *date is defined by the last section/element.*

* Planning approval is the approval (at the level of national development planning) by the NRA, by the competent Ministry or by other national competent authority, as provisioned in the national law each country

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* Art. 12 of Regulation (EU) No 347/2013

* Art. 13 of Regulation (EU) No 347/2013
INTERNAL LINE BETWEEN ŻARNOWIEC-GDAŃSK/GDAŃSK PRZYAŹŃ-GDAŃSK BLONIA (PL)

PCI MONITORING 2020

GENERAL DATA

Project promoters
Polskie Sieci Elektroenergetyczne S.A. (PSE)

PCI number
4.8.22

EU TYNDP 2018 project code
170

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Poland (PL)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
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</tr>
<tr>
<td>2019</td>
<td>(Not a PCI)</td>
<td>-</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
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<td>No data</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: technical feasibility; Preparation of permitting files, contracts and other documents

CURRENT IMPLEMENTATION PLAN

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</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
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<tr>
<td>Permit granting</td>
<td>Mar-2021</td>
<td>Jul-2022</td>
</tr>
<tr>
<td>Construction</td>
<td>Feb-2023</td>
<td>May-2024</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<table>
<thead>
<tr>
<th>Exemption</th>
<th>The project promoter has not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The project promoter(s) submitted an investment request in Nov-2019</td>
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<tr>
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- date is defined by the last section/element.

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GENERAL DATA

Project promoters
Litgrid AB, Augstsprieguma tīkls AS (AST), Elering AS

PCI number
4.8.23

EU TYNDP 2018 project code
170

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Latvia (LV) Lithuania (LT) Estonia (EE)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
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</thead>
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<td>2019</td>
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<td>-</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>333</td>
<td>No data</td>
<td>+5/-5</td>
<td>4.5</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: technical feasibility; STUDY: socio-economic feasibility; Identification of alternative solutions / site identification; Public consultation

CURRENT IMPLEMENTATION PLAN

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>Jan-2018</td>
<td>Nov-2019</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Sep-2019</td>
<td>Dec-2020</td>
</tr>
<tr>
<td>Construction</td>
<td>Jan-2022</td>
<td>Nov-2025</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Exemption⁴</th>
<th>The project promoter(s) have not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The project promoter(s) submitted an investment request in Nov-2019</td>
</tr>
<tr>
<td>Project specific risk-based incentives⁶</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

- date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the last section/element.

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Interconnection between Tsirguliina (EE) and Valmiera (LV)

PCI MONITORING 2020

GENERAL DATA

Project promoters
Augstsprieguma tīkls AS (AST), Elering AS

PCI number
4.8.3

EU TYNDP 2018 project code
170

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Estonia (EE) Latvia (LV)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>May-2024</td>
</tr>
<tr>
<td>2019</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2024</td>
</tr>
</tbody>
</table>

Annual progress: Ahead of schedule

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>22</td>
<td>No data</td>
<td>No data</td>
<td>0.05</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Detailed technical design; Tendering

CURRENT IMPLEMENTATION PLAN

1. The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval(^2)</td>
<td>Jun-2015</td>
<td>Aug-2015</td>
</tr>
<tr>
<td>Permit granting(^3)</td>
<td>Sep-2017</td>
<td>Apr-2019</td>
</tr>
<tr>
<td>Construction</td>
<td>Jun-2023</td>
<td>Mar-2024</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<table>
<thead>
<tr>
<th>Exemption(^4)</th>
<th>The project promoter(s) have not submitted such a request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Border Cost Allocation(^5)</td>
<td>The NRA(s) issued a CBCA decision in Sep-2018</td>
</tr>
<tr>
<td>Project specific risk-based incentives(^6)</td>
<td>The project promoter(s) have not submitted such a request</td>
</tr>
</tbody>
</table>

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5. Art. 12 of Regulation (EU) No 347/2013
**General Data**

- **Project promoters**: Elering AS
- **PCI number**: 4.8.4
- **EU TYNDP 2018 project code**: 170
- **Project category**: Transmission
- **Priority corridor**: BEMIP
- **Hosting countries**: Estonia (EE)
- **Reference date**: 31 January 2020
- **Reporting period**: 1 February 2019 - 31 January 2020

**PCI website**
https://elering.ee/en/synchronization-continental-europe

**Technical Modifications During the Reporting Period**

No technical modification was reported. The substation “Eesti” was renamed to “Viru”.

**Inclusion in the National Development Plan**

The project is included in the relevant NDP(s)

**Reason for non-inclusion**: N/A

**Status and Progress of the Project**

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2025</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Jan-2025</td>
</tr>
</tbody>
</table>

**Annual progress**: Rescheduled

**Main reason for rescheduling/delay**:

Following Estonia and Latvian TSOs’ agreement on the disconnection schedule of the existing transmission lines, the project was rescheduled due to the optimization of operational aspects of Baltic synchronization and taking into account other constructions and works taking place at the same time.

**Cost Data**

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>68.327</td>
<td>No data</td>
<td>No data</td>
<td>0.11</td>
</tr>
</tbody>
</table>

**Progress of costs during the reporting period / Reasons for changes**

No change of costs was reported

**Works/Activities Carried Out During the Reporting Period**

Preparation of permitting files, contracts and other documents
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>Jan-2015</td>
<td>Aug-2015</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>No data</td>
<td>Oct-2022</td>
</tr>
<tr>
<td>Construction</td>
<td>Jun-2023</td>
<td>Nov-2025</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption⁴</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation⁵</td>
<td>The NRA(s) issued a CBCA decision in Sep-2018</td>
</tr>
<tr>
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<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

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GENERAL DATA

Project promoters
Elering AS

PCI number
4.8.7

EU TYNDP 2018 project code
170

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Estonia (EE)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is present as an “under consideration” project in the relevant NDP

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Under consideration</td>
<td>Dec-2025</td>
</tr>
<tr>
<td>2019</td>
<td>Cancelled</td>
<td>Jan-2022</td>
</tr>
</tbody>
</table>

Annual progress: On time
Main reason for rescheduling/delay: N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>15</td>
<td>No data</td>
<td>No data</td>
<td>0.04</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:
No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

No works or activities were performed over the indicated 12-month period. The project is on hold and not developed further until the investment need is confirmed

CURRENT IMPLEMENTATION PLAN

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference
<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval(^2)</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Permit granting(^3)</td>
<td>No data</td>
<td>No data</td>
</tr>
<tr>
<td>Construction</td>
<td>No data</td>
<td>No data</td>
</tr>
</tbody>
</table>

**REGULATORY TREATMENT**

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption(^4)</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation(^5)</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Project specific risk-based incentives(^6)</td>
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</tbody>
</table>

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GENERAL DATA

- **Project promoters**: Litgrid AB
- **PCI number**: 4.8.8
- **EU TYNDP 2018 project code**: 170
- **Project category**: Transmission
- **Priority corridor**: BEMIP
- **Hosting countries**: Lithuania (LT)
- **Reference date**: 31 January 2020
- **Reporting period**: 1 February 2019 - 31 January 2020
- **PCI website**: No data

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Permitting</td>
<td>Dec-2025</td>
</tr>
<tr>
<td>2019</td>
<td>Permitting</td>
<td>Dec-2025</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
<th>Later investment costs (Sustaining CAPEX) (mil €)</th>
<th>Upward / downward variation (uncertainty) of the total investment cost (%)</th>
<th>Annual operating expenditure (OPEX) (mil €/year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>23.813</td>
<td>No data</td>
<td>No data</td>
<td>0</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

STUDY: environmental; STUDY: spatial planning; Identification of alternative solutions / site identification; Public consultation; Preparation of permitting files, contracts and other documents; Tendering
CURRENT IMPLEMENTATION PLAN

<table>
<thead>
<tr>
<th>Stage</th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval</td>
<td>May-2019</td>
<td>Dec-2021</td>
</tr>
<tr>
<td>Permit granting</td>
<td>Jun-2019</td>
<td>Sep-2022</td>
</tr>
<tr>
<td>Construction</td>
<td>Sep-2022</td>
<td>Sep-2025</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<table>
<thead>
<tr>
<th>Treatment</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exemption</td>
<td>The project promoter has not submitted such a request</td>
</tr>
<tr>
<td>Cross Border Cost Allocation</td>
<td>The NRA(s) issued a CBCA decision in Sep-2018</td>
</tr>
<tr>
<td>Project specific risk-based incentives</td>
<td>The project promoter has not submitted such a request</td>
</tr>
</tbody>
</table>

NOTES

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Further infrastructure aspects of the synchronisation of the Baltic States’ electricity system with the European networks

PCI MONITORING 2020

GENERAL DATA

Project promoters
Litgrid AB, Augstsprieguma tikls AS (AST), Elering AS

PCI number
4.8.9

EU TYNDP 2018 project code
170

Project category
Transmission

Priority corridor
BEMIP

Hosting countries
Lithuania (LT) Estonia (EE) Latvia (LV)

Reference date
31 January 2020

Reporting period
1 February 2019 - 31 January 2020

PCI website

TECHNICAL MODIFICATIONS DURING THE REPORTING PERIOD

No technical modification was reported

INCLUSION IN THE NATIONAL DEVELOPMENT PLAN

The project is included in the relevant NDP(s)

Reason for non-inclusion:
N/A

STATUS AND PROGRESS OF THE PROJECT

<table>
<thead>
<tr>
<th>Year</th>
<th>Status</th>
<th>Commissioning date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2025</td>
</tr>
<tr>
<td>2019</td>
<td>Planned but not yet in permitting</td>
<td>Dec-2025</td>
</tr>
</tbody>
</table>

Annual progress: On time

Main reason for rescheduling/delay:
N/A

COST DATA

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial investment costs (Inception CAPEX) (mil €)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>2020</td>
<td>98.16</td>
<td>No data</td>
<td>No data</td>
<td>0.01</td>
</tr>
</tbody>
</table>

Progress of costs during the reporting period / Reasons for changes:

No change of costs was reported

WORKS/ACTIVITIES CARRIED OUT DURING THE REPORTING PERIOD

Preparation of permitting files, contracts and other documents; Detailed technical design

CURRENT IMPLEMENTATION PLAN

1 The start and end dates of a certain implementation stage represent actual or planned dates at the time of the reference date. In case of a PCI with several sections/elements, the start date is defined by the earliest section/element and the end date is defined by the latest section/element.
Further infrastructure aspects of the synchronisation of the Baltic States’ electricity system with the European networks  
PCI REPORT 2020

<table>
<thead>
<tr>
<th></th>
<th>Start date</th>
<th>End date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning approval²</td>
<td>Jan-2015</td>
<td>Aug-2015</td>
</tr>
<tr>
<td>Permit granting³</td>
<td>Dec-2013</td>
<td>Dec-2021</td>
</tr>
<tr>
<td>Construction</td>
<td>Jun-2022</td>
<td>Nov-2025</td>
</tr>
</tbody>
</table>

REGULATORY TREATMENT

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
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</tr>
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</tr>
</tbody>
</table>

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