

Interconnection between Revsing (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

Year	Status	Commissioning date
2020	Under construction	Dec-2023
2019	Permitting	Dec-2023

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	Mar-2017	Mar-2019
Permit granting ³	Apr-2016	May-2019
Construction	Aug-2019	Sep-2023

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

The cable also crosses Dutch and German waters.

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

<https://www.nationalgrid.com/group/about-us/what-we-do/national-grid-ventures/interconnectors-connecting-cleaner-future/nautilus>

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

Year	Status	Commissioning date
2020	Under consideration	Jan-2028
2019	Under consideration	Jan-2028

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	No data	No data
Construction	No data	No data

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

<https://www.nationalgrid.com/group/about-us/what-we-do/national-grid-ventures/interconnectors-connecting-cleaner-future>

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

Year	Status	Commissioning date
2020	Under consideration	Dec-2030
2019	Under consideration	Dec-2030

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 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

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	No data	No data
Construction	No data	No data

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Compressed air energy storage in Zuidwending (NL)

PCI MONITORING 2020

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/>

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

Year	Status	Commissioning date
2020	Permitting	May-2025
2019	Under consideration	Jul-2024

Annual progress: Delayed

Main reason for rescheduling/delay:

PERMITTING: National law changes affecting permitting (in the Netherlands)

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	Jun-2020	Aug-2020
Permit granting ³	Jun-2020	Jul-2022
Construction	Feb-2022	Feb-2025

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to electricity storage projects
Cross Border Cost Allocation ⁵	Not applicable/available to electricity storage projects
Project specific risk-based incentives ⁶	Not applicable/available to electricity storage projects

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Offshore hydro-pumped electricity storage facility in Belgium [currently known as 'iLand']

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Apr-2024
2019	Planned but not yet in permitting	Apr-2024

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

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

	Start date	End date
Planning approval ²	Oct-2018	Apr-2019
Permit granting ³	Oct-2020	No data
Construction	No data	No data

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to electricity storage projects
Cross Border Cost Allocation ⁵	Not applicable/available to electricity storage projects
Project specific risk-based incentives ⁶	Not applicable/available to electricity storage projects

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.

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

⁵ Art. 12 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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Nov-2026
2019	Planned but not yet in permitting	Nov-2026

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	930	0	+15/-12	8.4

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 PLAN¹

	Start date	End date
Planning approval ²	Jun-2013	Dec-2013
Permit granting ³	Mar-2019	Mar-2022
Construction	Mar-2022	May-2026

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	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.
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

Year	Status	Commissioning date
2020	Permitting	Dec-2024
2019	Permitting	Dec-2024

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	Jan-2005	Aug-2014
Permit granting ³	No data	No data
Construction	Oct-2021	Sep-2024

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

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.

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Portugal-Spain interconnection between Beariz-Fontefría(ES), Fontefria(ES)-Ponte de Lima(PT) and Ponte de Lima-Vila Nova de Famalicão PT), incl. substations in Beariz, Fontefría and Ponte de Lima

PCI MONITORING 2020

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

https://www.ren.pt/en-GB/o_que_fazemos/projetos_interesse_2017; <https://www.ree.es/en/activities/electrical-planning/european-plan>

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

Year	Status	Commissioning date
2020	Permitting	Dec-2022
2019	Permitting	Dec-2021

Annual progress: Delayed

Main reason for rescheduling/delay:

PERMITTING: Delays due to environmental problems

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	May-2008	Feb-2019
Permit granting ³	Jun-2013	Nov-2021
Construction	Oct-2019	Dec-2022

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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 in Kaunertal, Tyrol (AT)

PCI MONITORING 2020

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

<https://www.tiwag.at/en/about-tiwag/power-stations/expansion-of-hydropower/our-power-station-projects/the-kaunertal-expansion-project/>

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

Year	Status	Commissioning date
2020	Permitting	Feb-2034
2019	Permitting	Feb-2034

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	Jul-2012	Feb-2027
Construction	Sep-2027	Feb-2034

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to electricity storage projects
Cross Border Cost Allocation ⁵	Not applicable/available to electricity storage projects
Project specific risk-based incentives ⁶	Not applicable/available to electricity storage projects

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.

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal lines at the Belgian north border between Zandvliet and Lillo-Liefkenshoek (BE), and between Liefkenshoek and Mercator, including a substation in Lillo (BE) [currently known as 'BRABO II + III']

PCI MONITORING 2020

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

<https://www.elia.be/en/infrastructure-and-projects/infrastructure-projects/brabo>

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

Year	Status	Commissioning date
2020	Permitting	Dec-2025
2019	Permitting	Dec-2025

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	No data	Sep-2011
Permit granting ³	Jan-2017	Oct-2017
Construction	Sep-2017	Dec-2025

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

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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⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Interconnection between Codrongianos (IT), Lucciana (Corsica, FR) and Suvereto (IT) [currently known as 'SACO1 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

<https://www.terna.it/en/projects/public-engagement/terna-meets-tuscany-sardinia>

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 over-head-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

Year	Status	Commissioning date
2020	Permitting	Dec-2024
2019	Permitting	Dec-2024

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 grating 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 PLAN¹

	Start date	End date
Planning approval ²	No data	Feb-2012
Permit granting ³	Feb-2019	Dec-2021
Construction	Jan-2022	Dec-2024

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

<https://www.inelfe.eu/en/projects/bay-biscay>

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

Year	Status	Commissioning date
2020	Permitting	Aug-2027
2019	Permitting	May-2025

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

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

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 PLAN¹

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	Jun-2017	May-2023
Construction	Sep-2023	Jul-2027

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) submitted an investment request in Mar-2017. The NRA decision was issued in Sep-2019.
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Dec-2024
2019	Planned but not yet in permitting	Dec-2023

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

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

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 PLAN¹

	Start date	End date
Planning approval ²	May-2012	Jul-2013
Permit granting ³	Apr-2019	Dec-2022
Construction	Dec-2021	Dec-2024

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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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⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

<https://www.tennet.eu/de/unser-netz/onshore-projekte-deutschland/suedostlink/>; <https://www.50hertz.com/Grid/Griddevelopment/Onshoreprojects/SuedOstLink>

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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Dec-2025
2019	Planned but not yet in permitting	Dec-2025

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	May-2012	Jul-2013
Permit granting ³	Jan-2020	Sep-2022
Construction	Aug-2022	Dec-2025

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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

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

Interconnection Hungary – Slovakia between Sajóvánka (HU) and Rimavská Sobota (SK)

PCI MONITORING 2020

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

[http://www.mavir.hu/web/mavir/pci-jeloltek;](http://www.mavir.hu/web/mavir/pci-jeloltek)
<https://www.mhrs.sk/energetika/medzinarodna-spolupraca/projekty-spolocneho-zaujmu-pci/elektroenergetika/317-vedenie-2-x-400-kv-rimavska-sobota-sk-sajovanka-hu>

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

Year	Status	Commissioning date
2020	Under construction	Dec-2020
2019	Permitting	Dec-2020

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	56.87	60	+10/-10	2.77

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

	Start date	End date
Planning approval ²	Oct-2010	Mar-2014
Permit granting ³	Mar-2016	Mar-2020
Construction	Aug-2019	Dec-2020

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

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 Salgareda (IT) and Divača — Bericevo region (SI)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Under consideration	No data
2019	Under consideration	after 2030

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	Jan-2011	Oct-2012
Permit granting ³	No data	No data
Construction	No data	No data

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

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

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

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

Year	Status	Commissioning date
2020	Permitting	Dec-2027
2019	Permitting	Jul-2025

Annual progress: Delayed

Main reason for rescheduling/delay:

Delays related to acquisition of or access to land

COST DATA

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

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

	Start date	End date
Planning approval ²	No data	Dec-1994
Permit granting ³	Aug-2014	May-2019
Construction	Jan-2022	Dec-2027

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to electricity storage projects
Cross Border Cost Allocation ⁵	Not applicable/available to electricity storage projects
Project specific risk-based incentives ⁶	Not applicable/available to electricity storage projects

NOTES

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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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⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Hydro-pumped electricity storage in Amfilochia (EL)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Permitting	Dec-2024
2019	Permitting	Jun-2024

Annual progress: Delayed

Main reason for rescheduling/delay:

Delays due to financing reasons

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	Dec-2009	Aug-2012
Permit granting ³	May-2015	Aug-2019
Construction	Oct-2020	Oct-2024

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to electricity storage projects
Cross Border Cost Allocation ⁵	Not applicable/available to electricity storage projects
Project specific risk-based incentives ⁶	Not applicable/available to electricity storage projects

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Interconnection between Sicily (IT) and Tunisia node (TU) [currently known as 'ELMED']

PCI MONITORING 2020

GENERAL DATA

Project promoters

Terna - Rete Elettrica Nazionale S.p.A,
Société Tunisienne de l'Electricité et du
Gaz (STEG)

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

<https://www.terna.it/en/projects/projects-common-interest/italy-tunisia-interconnection>

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

Year	Status	Commissioning date
2020	Permitting	Dec-2027
2019	Under consideration	Dec-2027

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty of the total investment cost (%))	Annual operating expenditure (OPEX) (mil €/year)
2020	600	No data	No data	3

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 PLAN¹

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

	Start date	End date
Planning approval ²	No data	Dec-2018
Permit granting ³	Jan-2020	Dec-2023
Construction	Jan-2024	Dec-2027

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Interconnection between Wurlach (AT) and Somplago (IT)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Permitting	Aug-2023
2019	Permitting	Oct-2022

Annual progress: Delayed

Main reason for rescheduling/delay:

PERMITTING: Delays due to other permit granting reasons (not specified)

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	No data	Dec-2020
Construction	May-2021	Jul-2023

REGULATORY TREATMENT

Exemption ⁴	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 ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Hydro-pumped electricity storage in Estonia

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Permitting	May-2028
2019	Permitting	May-2028

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	Oct-2016	Mar-2018
Permit granting ³	Oct-2016	Sep-2020
Construction	Dec-2019	Dec-2026

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to electricity storage projects
Cross Border Cost Allocation ⁵	Not applicable/available to electricity storage projects
Project specific risk-based incentives ⁶	Not applicable/available to electricity storage projects

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

PCI website<https://ignitisingamyba.lt/en/our-activities/business-development-and-innovations-projects/4510/?c-37/t-74>

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

Year	Status	Commissioning date
2020	Under consideration	Dec-2025
2019	Under consideration	Dec-2024

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

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

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 PLAN¹

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	No data	No data
Construction	No data	No data

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to electricity storage projects
Cross Border Cost Allocation ⁵	Not applicable/available to electricity storage projects
Project specific risk-based incentives ⁶	Not applicable/available to electricity storage projects

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.

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

SINCRO.GRID (Slovenia, Croatia)

PCI MONITORING 2020

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/>

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

Year	Status	Commissioning date
2020	Under construction	Dec-2021
2019	Permitting	Dec-2021

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

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

	Start date	End date
Planning approval ²	No data	Mar-2017
Permit granting ³	No data	No data
Construction	Oct-2018	No data

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to smart grid projects
Cross Border Cost Allocation ⁵	Not applicable/available to smart grid projects
Project specific risk-based incentives ⁶	Not applicable/available to smart grid projects

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

ACON (Czech Republic, Slovakia)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Under construction	Dec-2024/ Dec-2027*
2019	Planned but not yet in permitting	Dec-2024

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	No data	Sep-2018
Permit granting ³	Oct-2019	Dec-2023
Construction	Oct-2018	Dec-2024

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to smart grid projects
Cross Border Cost Allocation ⁵	Not applicable/available to smart grid projects
Project specific risk-based incentives ⁶	Not applicable/available to smart grid projects

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.

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Smart Border Initiative (France, Germany)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Under consideration	Dec-2020
2019	Under consideration	Dec-2020

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	No data	No data	No data	No data

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 PLAN¹

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	No data	No data
Construction	No data	No data

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to smart grid projects
Cross Border Cost Allocation ⁵	Not applicable/available to smart grid projects
Project specific risk-based incentives ⁶	Not applicable/available to smart grid projects

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Danube InGrid (Hungary, Slovakia)

PCI MONITORING 2020

GENERAL DATA

Project promoters

E.ON Észak-dunántúli Áramhálózati 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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Dec-2025
2019	(Not a PCI)	-

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	No data	May-2020
Permit granting ³	May-2020	Dec-2024
Construction	Jun-2020	Dec-2025

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to smart grid projects
Cross Border Cost Allocation ⁵	Not applicable/available to smart grid projects
Project specific risk-based incentives ⁶	Not applicable/available to smart grid projects

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

Year	Status	Commissioning date
2020	Under consideration	Jun-2022
2019	(Not a PCI)	-

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	No data	No data	No data	No data

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 PLAN¹

	Start date	End date
Planning approval ²	Jan-2021	Apr-2021
Permit granting ³	Jul-2021	Oct-2021
Construction	Nov-2021	Feb-2022

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to smart grid projects
Cross Border Cost Allocation ⁵	Not applicable/available to smart grid projects
Project specific risk-based incentives ⁶	Not applicable/available to smart grid projects

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Cross-border flexibility project (Estonia, Finland)

PCI MONITORING 2020

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

<https://www.fingrid.fi/en/electricity-market/market-integration/the-future-of-the-electricity-markets/flexible-resource-project/>

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

Year	Status	Commissioning date
2020	Under consideration	Dec-2024
2019	(Not a PCI)	-

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	No data	No data
Construction	Jan-2023	Dec-2024

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to smart grid projects
Cross Border Cost Allocation ⁵	Not applicable/available to smart grid projects
Project specific risk-based incentives ⁶	Not applicable/available to smart grid projects

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.

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Interconnection between Blythe (UK) and Kvitildal (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

Year	Status	Commissioning date
2020	Under construction	Sep-2021
2019	Under construction	Sep-2021

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	May-2013	Mar-2015
Permit granting ³	May-2013	Nov-2014
Construction	Aug-2017	Aug-2021

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Interconnection between Peterhead (UK) and Simadalen (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

Year	Status	Commissioning date
2020	Permitting	Dec-2024
2019	Permitting	Apr-2024

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

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

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 PLAN¹

	Start date	End date
Planning approval ²	Jan-2012	Jan-2012
Permit granting ³	Sep-2012	Cannot be estimated by the project promoter
Construction	Jan-2021	Dec-2024

REGULATORY TREATMENT

Exemption ⁴	The project promoter submitted an exemption request in Oct-2019.
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Compressed air energy storage in Middlewich [currently known as 'CARES']

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	No data*
2019	Planned but not yet in permitting	Jan-2027

Annual progress: Delayed

Main reason for rescheduling/delay:

Delays due to financing reasons

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	Jan-2021	Oct-2023
Permit granting ³	Oct-2020	Sep-2022
Construction	Jan-2024	Dec-2026

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to electricity storage projects
Cross Border Cost Allocation ⁵	Not applicable/available to electricity storage projects
Project specific risk-based incentives ⁶	Not applicable/available to electricity storage projects

NOTES

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

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Hydro-pumped electricity storage at Cruachan II

PCI MONITORING 2020

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

PCI website

<https://www.drax.com/about-us/our-projects/>

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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Dec-2027
2019	Planned but not yet in permitting	Dec-2026

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

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

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 PLAN¹

	Start date	End date
Planning approval ²	Jan-2021	Dec-2022
Permit granting ³	Jan-2021	Dec-2022
Construction	Apr-2023	Dec-2027

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to electricity storage projects
Cross Border Cost Allocation ⁵	Not applicable/available to electricity storage projects
Project specific risk-based incentives ⁶	Not applicable/available to electricity storage projects

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

Year	Status	Commissioning date
2020	Under consideration	Dec-2035
2019	(Not a PCI)	-

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

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

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	No data	No data
Construction	No data	No data

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Interconnection between Germany and United Kingdom [currently known as NeuConnect"]

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Dec-2023
2019	(Not a PCI)	-

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	No data	No data
Construction	Jun-2021	Dec-2023

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Interconnection between Endrup (DK) and Klixbüll (DE)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Permitting	Dec-2023
2019	Permitting	Dec-2023

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	319	0		1.4

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 PLAN¹

	Start date	End date
Planning approval ²	Aug-2011	Jul-2013
Permit granting ³	Mar-2018	Nov-2021
Construction	May-2021	Dec-2023

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

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.

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

www.fablink.net; www.rte-france.com/fr/projet/interconnexion-france-aurigny-grande-bretagne-fab

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

Year	Status	Commissioning date
2020	Permitting	Jul-2025
2019	Permitting	Jul-2024

Annual progress: Delayed

Main reason for rescheduling/delay:

Delays due to disagreement between the regulators of the concerned countries

COST DATA

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

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 PLAN¹

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

	Start date	End date
Planning approval ²	Nov-2012	Nov-2013
Permit granting ³	Jul-2014	Mar-2019
Construction	Apr-2022	Apr-2022

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	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.
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

Year	Status	Commissioning date
2020	Under construction	Jun-2021
2019	Under construction	Dec-2019

Annual progress: Delayed

Main reason for rescheduling/delay:

Delays in construction works

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	No data	Jul-2020
Permit granting ³	Mar-2014	Feb-2016
Construction	Feb-2017	Mar-2021

REGULATORY TREATMENT

Exemption ⁴	The project promoter submitted an exemption request in Sep-2013.
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

Year	Status	Commissioning date
2020	Permitting	Dec-2024
2019	Permitting	May-2024

Annual progress: Delayed

Main reason for rescheduling/delay:

Delays due to disagreement between the regulators of the concerned countries

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	Oct-2016	Jan-2018
Permit granting ³	Jun-2018	Sep-2021
Construction	Sep-2021	Sep-2024

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter submitted and 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.
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Interconnection between Wilster (DE) and Tonstad (NO)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Under construction	Dec-2020
2019	Under construction	Dec-2020

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	No data	No data
Construction	No data	No data

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

According to 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 provided in the national law of 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.

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003.

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

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

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

Year	Status	Commissioning date
2020	Permitting	Dec-2023
2019	Planned but not yet in permitting	Oct-2023

Annual progress: Delayed

Main reason for rescheduling/delay:

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

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	Sep-2019	Dec-2020
Permit granting ³	Apr-2019	Dec-2020
Construction	Jan-2021	Nov-2023

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

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

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Brunsbüttel/Wilster and Großgartach/ Bergrheinfeld-West (DE) to increase capacity at northern and southern borders [currently known as "Suedlink"]

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

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/netzentwicklung/projekte/suedlink/projektueberblick-suedlink>;
<https://www.tennet.eu/de/unser-netz/onshore-projekte-deutschland/suedlink/ueber-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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Dec-2026
2019	Planned but not yet in permitting	Dec-2025

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

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	6500	0		52

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 PLAN¹

	Start date	End date
Planning approval ²	May-2012	Jul-2013
Permit granting ³	Feb-2020	Dec-2022
Construction	Jan-2023	Dec-2026

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

Reporting 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

Year	Status	Commissioning date
2020	Permitting	Nov-2024
2019	Permitting	Apr-2023

Annual progress: Delayed

Main reason for rescheduling/delay:

Delays due to lawsuits and court proceedings

COST DATA

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

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 grating 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 PLAN¹

	Start date	End date
Planning approval ²	Jul-2004	Nov-2004
Permit granting ³	Jul-2014	Dec-2016
Construction	Nov-2021	Sep-2024

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

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.

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Interconnection between Srananagh (IE) and Turleenan (UK)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Dec-2030
2019	Planned but not yet in permitting	Dec-2030

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 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

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	Feb-2021	Dec-2024
Construction	Jan-2026	May-2030

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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 websitehttps://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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Dec-2024
2019	Planned but not yet in permitting	Nov-2023

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

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	30.4	No data	+10/-10	0.066

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

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

CURRENT IMPLEMENTATION PLAN¹

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	Jan-2023	Dec-2023
Construction	Aug-2023	Dec-2024

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Vieira do Minho, Ribeira de Pena and Feira (PT), formerly designated Frades B, Ribeira de Pena and Feira (PT)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Permitting	Feb-2022
2019	Permitting	Jun-2021

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

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

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 PLAN¹

	Start date	End date
Planning approval ²	Jul-2008	Feb-2019
Permit granting ³	Jun-2018	Jun-2021
Construction	Jan-2020	Feb-2022

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter submitted an investment request to the NRA in Jan-2019.
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

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)

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Mar-2030
2019	Planned but not yet in permitting	Mar-2030

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	Dec-2022	Jun-2026
Construction	Jan-2026	Jun-2029

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Interconnection between Navarra (ES) and Landes (FR) [currently known as "Pyrenean crossing 1"]

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Sep-2029
2019	Planned but not yet in permitting	Sep-2029

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	Mar-2022	Sep-2025
Construction	Apr-2025	Mar-2029

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

Year	Status	Commissioning date
2020	Permitting	Dec-2024
2019	Permitting	Dec-2024

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	Dec-2014	Oct-2015
Permit granting ³	May-2011	Aug-2020
Construction	Jan-2021	Oct-2024

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to electricity storage projects
Cross Border Cost Allocation ⁵	Not applicable/available to electricity storage projects
Project specific risk-based incentives ⁶	Not applicable/available to electricity storage projects

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Hydro-pumped electricity storage Girones & Raimats (ES)

PCI MONITORING 2020

GENERAL DATA

Project promoters

Grupo Romero Polo

PCI number

2.28.3

EU TYNDP 2018 project code

1019

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

<https://girones-ramats.com/>

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

Year	Status	Commissioning date
2020	Permitting	Dec-2028
2019	Permitting	Jan-2025

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

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

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 PLAN¹

	Start date	End date
Planning approval ²	Oct-2015	Dec-2020
Permit granting ³	Apr-2020	Dec-2022
Construction	Jul-2023	Jun-2028

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to electricity storage projects
Cross Border Cost Allocation ⁵	Not applicable/available to electricity storage projects
Project specific risk-based incentives ⁶	Not applicable/available to electricity storage projects

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Hydro-pumped electricity storage Cúa (ES)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Permitting	Jan-2028
2019	(Not a PCI)	-

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	Nov-2014	Oct-2015
Permit granting ³	Jul-2011	Dec-2021
Construction	Jan-2024	Dec-2027

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to electricity storage projects
Cross Border Cost Allocation ⁵	Not applicable/available to electricity storage projects
Project specific risk-based incentives ⁶	Not applicable/available to electricity storage projects

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

Year	Status	Commissioning date
2020	Under consideration	Dec-2027
2019	(Not a PCI)	-

Annual progress: Delayed

Main reason for rescheduling/delay:

Delays due to financing reasons

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	no data	Jun-2023
Permit granting ³	Oct-2020	Jun-2023
Construction	Dec-2024	Dec-2027

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to electricity storage projects
Cross Border Cost Allocation ⁵	Not applicable/available to electricity storage projects
Project specific risk-based incentives ⁶	Not applicable/available to electricity storage projects

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Hydro Pump Storage Riedl (DE)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Permitting	Jan-2026
2019	(Not a PCI)	-

Annual progress: Delayed

Main reason for rescheduling/delay:

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

COST DATA

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

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

	Start date	End date
Planning approval ²	Dec-2016	Jun-2021
Permit granting ³	Oct-2012	Dec-2016
Construction	Jan-2022	Dec-2025

REGULATORY TREATMENT

Exemption ⁴	Not applicable/available to electricity storage projects
Cross Border Cost Allocation ⁵	Not applicable/available to electricity storage projects
Project specific risk-based incentives ⁶	Not applicable/available to electricity storage projects

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

Year	Status	Commissioning date
2020	Permitting	Dec-2023
2019	Permitting	Aug-2022

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

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

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 PLAN¹

	Start date	End date
Planning approval ²	No data	Mar-2021
Permit granting ³	Nov-2013	Mar-2021
Construction	Oct-2020	Dec-2023

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between St. Peter and Tauern (AT)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Under construction	May-2025
2019	Permitting	Apr-2024

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

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

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 PLAN¹

	Start date	End date
Planning approval ²	Dec-2011	Dec-2011
Permit granting ³	Sep-2012	Feb-2019
Construction	Sep-2019	Dec-2025

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Westtirol and Zell-Ziller (AT)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Under consideration	Dec-2025
2019	Under consideration	Dec-2025

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 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

	Start date	End date
Planning approval ²	No data	Dec-2014
Permit granting ³	Jan-2021	Jun-2023
Construction	Jan-2024	Dec-2025

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Interconnection between Hadera (IL) and Kofinou (CY)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Permitting	Dec-2023
2019	Permitting	Dec-2023

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	Jul-2017	Dec-2020
Construction	Jun-2020	Dec-2023

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter submitted a folder related to the investment request in July 2016.
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

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

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

Year	Status	Commissioning date
2020	Permitting	Dec-2023
2019	Permitting	Dec-2023

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	No data	Jul-2017
Permit granting ³	Jul-2017	Dec-2020
Construction	Jun-2020	Dec-2023

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The NRAs issued a CBCA decision in Oct-2017.
Project specific risk-based incentives ⁶	Unknown

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

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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-zajmu>

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

Year	Status	Commissioning date
2020	Permitting	Aug-2023
2019	Permitting	Jul-2025

Annual progress: Ahead of schedule

Main reason for rescheduling/delay:

N/A

COST DATA

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

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

	Start date	End date
Planning approval ²	May-2012	Dec-2012
Permit granting ³	Feb-2016	Jan-2020
Construction	Aug-2021	Aug-2023

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

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.

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Vitkov and Prestice (CZ)

PCI MONITORING 2020

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-zajmu>

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

Year	Status	Commissioning date
2020	Under construction	Nov-2021
2019	Under construction	Nov-2021

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 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

	Start date	End date
Planning approval ²	May-2012	Dec-2012
Permit granting ³	Feb-2016	Dec-2017
Construction	Mar-2019	Nov-2021

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Prestice and Kocin (CZ)

PCI MONITORING 2020

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

<https://www.ceps.cz/cs/projekty-spolecneho-zajmu>

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

Year	Status	Commissioning date
2020	Permitting	Dec-2028
2019	Permitting	Nov-2028

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	May-2012	Dec-2012
Permit granting ³	Jul-2016	Jun-2021
Construction	Feb-2022	Nov-2028

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

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)

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Kocin and Mirovka (CZ)

PCI MONITORING 2020

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-zajmu>

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

Year	Status	Commissioning date
2020	Permitting	Oct-2027
2019	Permitting	Oct-2026

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

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

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

	Start date	End date
Planning approval ²	May-2012	Dec-2012
Permit granting ³	Jan-2016	Dec-2020
Construction	Apr-2023	Oct-2027

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Mirovka and line V413 (CZ)

PCI MONITORING 2020

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-zajmu>

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

Year	Status	Commissioning date
2020	Commissioned	Nov-2019
2019	Under construction	Sep-2019

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 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

	Start date	End date
Planning approval ²	May-2012	Dec-2012
Permit granting ³	Jan-2016	Dec-2017
Construction	Jul-2018	Nov-2019

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

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.

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

<https://www.pse.pl/obszary-dzialalnosci/inwestycje-infrastrukturalne/informacje-o-projektach-wspolnego-zainteresowania-pci>

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

Year	Status	Commissioning date
2020	Under construction	Dec-2021
2019	Under construction	Dec-2021

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020		No data	No data	0

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 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

	Start date	End date
Planning approval ²	Jun-2011	Jun-2011
Permit granting ³	No data	No data
Construction	Jul-2019	No data

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Mikułowa and Świebodzice (PL)

PCI MONITORING 2020

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

<https://www.pse.pl/obszary-dzialalnosci/inwestycje-infrastrukturalne/informacje-o-projektach-wspolnego-zainteresowania-pci>

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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Jun-2024
2019	Planned but not yet in permitting	Jun-2024

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

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

	Start date	End date
Planning approval ²	Jun-2011	Jun-2011
Permit granting ³	Jun-2020	Jan-2022
Construction	Feb-2021	Oct-2024

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

<https://www.pse.pl/obszary-dzialalnosci/inwestycje-infrastrukturalne/informacje-o-projektach-wspolnego-zainteresowania-pci>

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

Year	Status	Commissioning date
2020	Permitting	Dec-2025
2019	Permitting	Dec-2025

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 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

	Start date	End date
Planning approval ²	No data	Feb-2021
Permit granting ³	Jan-2020	Sep-2020
Construction	Jun-2018	Nov-2022

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Interconnection Hungary – Slovakia between Gabčíkovo (SK) and Gönyű (HU) and Veľký Ďur (SK)

PCI MONITORING 2020

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

<https://www.mhsr.sk/energetika/medzinarodna-spolupraca/projekty-spolocneho-zaujmu-pci/elektroenergetika/3161-vedenie-2-x-400-kv-gabcikovo-sk-goenyu-hu-velky-dur-sk> <http://www.mavir.hu/web/mavir/pci-jeloltek>

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

Year	Status	Commissioning date
2020	Under construction	Dec-2020
2019	Permitting	Dec-2020

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	Oct-2008	Mar-2014
Permit granting ³	Mar-2016	Aug-2019
Construction	Dec-2019	Dec-2020

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Interconnection between Resita (RO) and Pancevo (RS)

PCI MONITORING 2020

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/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

Year	Status	Commissioning date
2020	Under construction	Dec-2024
2019	Construction works finalised	Dec-2021

Annual progress: Delayed

Main reason for rescheduling/delay:

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

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	Apr-2015	Jul-2015
Permit granting ³	No data	No data
Construction	Oct-2014	Mar-2018

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

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.

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

Year	Status	Commissioning date
2020	Under construction	Dec-2024
2019	Under construction	Dec-2021

Annual progress: Delayed

Main reason for rescheduling/delay:

Insolvency of general contractor

COST DATA

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

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 PLAN¹

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

	Start date	End date
Planning approval ²	Apr-2015	Jul-2015
Permit granting ³	No data	No data
Construction	Nov-2015	Dec-2024

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

⁶ 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

Year	Status	Commissioning date
2020	Permitting	Dec-2025
2019	Permitting	Dec-2023

Annual progress: Delayed

Main reason for rescheduling/delay:

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

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	Sep-2018	Feb-2019
Permit granting ³	Oct-2017	May-2021
Construction	Jan-2021	Dec-2025

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) have not submitted such a request
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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 TYNDP 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/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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Dec-2027
2019	Planned but not yet in permitting	Dec-2027

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

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

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	No data	No data
Construction	Dec-2022	Dec-2027

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Interconnection between Maritsa East 1 (BG) and N. Santa (EL)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Permitting	Jan-2023
2019	Permitting	Jan-2023

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	May-2014	Jun-2015
Permit granting ³	Apr-2015	Apr-2018
Construction	Nov-2019	Dec-2022

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The NRA issued a CBCA decision in Aug-2018.
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

Year	Status	Commissioning date
2020	Under construction	Jul-2022
2019	Permitting	Nov-2021

Annual progress: Delayed

Main reason for rescheduling/delay:

Delays in tendering process

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	Dec-2014	Jul-2015
Permit granting ³	Dec-2014	May-2019
Construction	Feb-2020	Jul-2022

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

Year	Status	Commissioning date
2020	Under construction	Jun-2021
2019	Permitting	Jul-2020

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	Dec-2014	Jul-2015
Permit granting ³	Dec-2014	May-2019
Construction	May-2019	Jun-2020

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

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.

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

Year	Status	Commissioning date
2020	Under construction	Jun-2021
2019	Permitting	Jun-2021

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	Dec-2014	Jul-2015
Permit granting ³	Dec-2014	May-2019
Construction	Jun-2019	Apr-2021

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The NRA issued a CBCA decision in Apr-2015
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

Year	Status	Commissioning date
2020	Under construction	Jun-2021
2019	Under construction	Sep-2021

Annual progress: Ahead of schedule

Main reason for rescheduling/delay:

N/A

COST DATA

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

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 PLAN¹

	Start date	End date
Planning approval ²	Dec-2014	Jul-2015
Permit granting ³	Dec-2014	Jun-2019
Construction	Nov-2018	Dec-2020

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The NRA issued a CBCA decision in Apr-2016
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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/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

Year	Status	Commissioning date
2020	Under construction	Dec-2021
2019	Under construction	Dec-2020

Annual progress: Delayed

Main reason for rescheduling/delay:

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

COST DATA

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

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 PLAN¹

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

	Start date	End date
Planning approval ²	Jul-2016	Oct-2016
Permit granting ³	Jan-2012	No data
Construction	Feb-2019	Dec-2021

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The NRA issued a CBCA decision in Oct-2016
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Gutinas and Smardan (RO)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Permitting	Dec-2023
2019	Permitting	Dec-2022

Annual progress: Delayed

Main reason for rescheduling/delay:

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

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	38	No data	No data	0.19

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

	Start date	End date
Planning approval ²	Oct-2018	Nov-2018
Permit granting ³	2011 (no month data)	No data
Construction	Jan-2021	Dec-2023

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Interconnection between Žerjavenec (HR)/Hévíz
(HU) and Cirkovce (SI)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Permitting	Dec-2021
2019	Permitting	Dec-2021

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

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	134.5	No data	No data	0.12

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 PLAN¹

	Start date	End date
Planning approval ²	No data	Jan-2003
Permit granting ³	Sep-2000	Sep-2020
Construction	Apr-2019	Dec-2021

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The NRA(s) issued a CBCA decision in Sep-2018
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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/>
<https://www.fingrid.fi/en/grid/construction/cross-border-connections/third-interconnection-finland-sweden/>

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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Dec-2025
2019	Planned but not yet in permitting	Dec-2025

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	175	No data	No data	0.24

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 PLAN¹

	Start date	End date
Planning approval ²	N/A	N/A
Permit granting ³	Sep-2019	Dec-2021
Construction	Jan-2023	Dec-2025

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The NRAs issued a CBCA decision in Mar-2020
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

<https://www.fingrid.fi/en/grid/construction/cross-border-connections/third-interconnection-finland-sweden/>

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

Year	Status	Commissioning date
2020	Permitting	Dec-2024
2019	Permitting	Dec-2024

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	66	No data	No data	0

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 PLAN¹

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	Mar-2018	No data
Construction	Jan-2022	Dec-2024

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The NRAs issued a CBCA decision in Mar-2020
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Interconnection between Kilingi-Nõmme (EE) and Riga CHP2 substation (LV)

PCI MONITORING 2020

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

<http://www.ast.lv/en/transmission-network-projects/latvia-estonia-third-interconnection>;
<https://elering.ee/en/third-estonia-latvia-interconnection>

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

Year	Status	Commissioning date
2020	Under construction	Jun-2021
2019	Under construction	Dec-2020

Annual progress: Delayed

Main reason for rescheduling/delay:

Delays in construction works

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	108.88	No data	No data/-2	0.05

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 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

	Start date	End date
Planning approval ²	Dec-2008	Dec-2008
Permit granting ³	Jan-2013	Jan-2015
Construction	Mar-2019	Apr-2021

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The NRAs issued a CBCA decision in Apr-2014
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Harku and Sindi (EE)

PCI MONITORING 2020

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

<https://elering.ee/en/harku-lihula-sindi-line>

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

Year	Status	Commissioning date
2020	Under construction	Dec-2020
2019	Under construction	Dec-2020

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	72.774	No data	No data	0.11

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 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

	Start date	End date
Planning approval ²	Oct-2012	Mar-2016
Permit granting ³	No data	No data
Construction	Apr-2017	Nov-2020

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The NRAs issued a CBCA decision in Apr-2014
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Riga CHP 2 and Riga HPP (LV)

PCI MONITORING 2020

GENERAL DATA

Project promoters

Augstsprieguma tīkls 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

<http://www.ast.lv/en/transmission-network-projects/330-kv-power-transmission-line-riga-chp-2-riga-hpp>

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

Year	Status	Commissioning date
2020	Under construction	Dec-2020
2019	Under construction	Dec-2020

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	19.98	14.56	No data/-27	0.05

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 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

	Start date	End date
Planning approval ²	Jan-2015	Aug-2015
Permit granting ³	Jan-2015	Jun-2017
Construction	Mar-2019	Nov-2020

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The NRAs issued a CBCA decision in Jul-2016
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Ekhyddan and Nybro/ Hemsjö (SE)

PCI MONITORING 2020

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

<https://www.svk.se/en/grid-development/grid-projects/ekhyddan-nybro/>

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

Year	Status	Commissioning date
2020	Permitting	Mar-2025
2019	Permitting	Not specified

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

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	256	No data	No data	0.1

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 PLAN¹

	Start date	End date
Planning approval ²	No data	Feb-2014
Permit granting ³	Sep-2015	No data
Construction	No data	Mar-2025

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Stanisławów and
Ostrołęka(PL)

PCI MONITORING 2020

GENERAL DATA

Project promotersPolskie 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<https://www.pse.pl/obszary-dzialalnosci/inwestycje-infrastrukturalne/informacje-o-projektach-wspolnego-zainteresowania-pci>,
<http://liniaostrolekastanislawow.pl/>

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

Year	Status	Commissioning date
2020	Under construction	Dec-2023
2019	Under construction	Dec-2023

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

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	52.186	No data	No data	0.25

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 PLAN¹¹The 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

	Start date	End date
Planning approval ²	Jun-2011	Jun-2011
Permit granting ³	Oct-2019	Oct-2020
Construction	Feb-2015	Dec-2020

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Interconnection between Tartu (EE) and Valmiera (LV)

PCI MONITORING 2020

GENERAL DATA

Project promoters

Elering AS, Augstsprieguma tikls 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

<http://www.ast.lv/en/transmission-network-projects/reconstruction-existing-latvija-estonia-330kv-interconnections>; <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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Dec-2023
2019	Planned but not yet in permitting	Dec-2023

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	53.66	No data	No data	0.05

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 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

	Start date	End date
Planning approval ²	Jun-2014	Aug-2015
Permit granting ³	Sep-2017	May-2018
Construction	Jan-2021	Nov-2023

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The NRA(s) issued a CBCA decision in Sep-2018
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Interconnection between Lithuania and Poland [currently known as "Harmony Link"]

PCI MONITORING 2020

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

<https://www.pse.pl/obszary-dzialalnosci/inwestycje-infrastrukturalne/informacje-o-projektach-wspolnego-zainteresowania-pci>

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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Dec-2025
2019	(Not a PCI)	-

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020		No data	+10/-10	0

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

	Start date	End date
Planning approval ²	Dec-2019	Sep-2022
Permit granting ³	Jun-2019	Dec-2023
Construction	Jan-2024	Nov-2025

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) submitted an investment request in Nov-2019
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

EEZ of Sweden are crossed by the project.

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Upgrades in Alytus substation (LT)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Under construction	Dec-2020
2019	(Not a PCI)	-

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	22.438	No data	No data	0

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 PLAN¹

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

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	Nov-2019	Jan-2020
Construction	Feb-2020	Nov-2020

REGULATORY TREATMENT

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

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

Year	Status	Commissioning date
2020	Under construction	Aug-2021
2019	(Not a PCI)	-

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	24.12	No data	No data	0

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 PLAN¹

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

	Start date	End date
Planning approval ²	No data	Jul-2017
Permit granting ³	N/A	May-2019
Construction	May-2019	Jan-2021

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

Year	Status	Commissioning date
2020	Permitting	Dec-2025
2019	(Not a PCI)	-

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	6.139	No data	No data	0

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

	Start date	End date
Planning approval ²	Dec-2019	Sep-2022
Permit granting ³	Jun-2019	May-2024
Construction	May-2024	Nov-2025

REGULATORY TREATMENT

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

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

Year	Status	Commissioning date
2020	Permitting	Jan-2025
2019	(Not a PCI)	-

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	42.074	No data	No data	0

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 PLAN¹

	Start date	End date
Planning approval ²	Nov-2019	Jul-2021
Permit granting ³	Jun-2019	Nov-2022
Construction	Jan-2022	Jan-2025

REGULATORY TREATMENT

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

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

New 330kV Darbėnai substation (LT)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Permitting	Dec-2025
2019	(Not a PCI)	-

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	11.987	No data	No data	0

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 PLAN¹

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

	Start date	End date
Planning approval ²	Dec-2019	Sep-2022
Permit granting ³	Jun-2019	May-2023
Construction	May-2023	Sep-2025

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) submitted an investment request in Nov-2019
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

Year	Status	Commissioning date
2020	Permitting	Jul-2025
2019	(Not a PCI)	-

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	62.762	No data	No data	0

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 PLAN¹

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

	Start date	End date
Planning approval ²	Nov-2019	Jul-2021
Permit granting ³	Jun-2019	Nov-2022
Construction	Jan-2022	May-2025

REGULATORY TREATMENT

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

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between LE and Vilnius (LT)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Under construction	Nov-2020
2019	(Not a PCI)	-

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	19.259	No data	No data	0

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 PLAN¹

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

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	Jan-2019	Feb-2019
Construction	Apr-2019	Oct-2020

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Dunowo and Żydowo Kierzkowo (PL)

PCI MONITORING 2020

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

PCI website

<https://www.pse.pl/obszary-dzialalnosci/inwestycje-infrastrukturalne/informacje-o-projektach-wspolnego-zainteresowania-pci>

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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Dec-2027
2019	(Not a PCI)	-

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020		No data	No data	0

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 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

	Start date	End date
Planning approval ²	No data	Aug-2023
Permit granting ³	Jul-2022	Apr-2023
Construction	Aug-2023	Jun-2025

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) submitted an investment request in Nov-2019
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

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.

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Piła Krzewina 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

<https://www.pse.pl/obszary-dzialalnosci/inwestycje-infrastrukturalne/informacje-o-projektach-wspolnego-zainteresowania-pci>

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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Dec-2027
2019	(Not a PCI)	-

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020		No data	No data	0

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 PLAN¹¹The 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

	Start date	End date
Planning approval ²	No data	Aug-2023
Permit granting ³	Jul-2022	Apr-2023
Construction	Aug-2023	Jun-2025

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) submitted an investment request in Nov-2019
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

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.

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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Balti and Tartu (EE)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Permitting	Dec-2023
2019	Permitting	Jan-2023

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	51.205	No data	No data	0.07

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 PLAN¹

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

	Start date	End date
Planning approval ²	Jan-2015	Aug-2015
Permit granting ³	No data	Aug-2020
Construction	Apr-2021	Feb-2023

REGULATORY TREATMENT

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
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Krajnik and Morzyczyn (PL)

PCI MONITORING 2020

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

<https://www.pse.pl/obszary-dzialalnosci/inwestycje-infrastrukturalne/informacje-o-projektach-wspolnego-zainteresowania-pci>

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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Dec-2025
2019	(Not a PCI)	-

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020		No data	No data	0

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 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

	Start date	End date
Planning approval ²	No data	Apr-2020
Permit granting ³	N/A	N/A
Construction	May-2021	Oct-2022

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

⁶ 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

<https://www.pse.pl/obszary-dzialalnosci/inwestycje-infrastrukturalne/informacje-o-projektach-wspolnego-zainteresowania-pci>

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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Dec-2025
2019	(Not a PCI)	-

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020		No data	No data	0

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 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

	Start date	End date
Planning approval ²	No data	Aug-2022
Permit granting ³	Mar-2021	Jul-2022
Construction	Feb-2023	May-2024

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) submitted an investment request in Nov-2019
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Żarnowiec-Gdańsk/Gdańsk
Przyjaźń-Gdańsk Błonia (PL)

PCI MONITORING 2020

GENERAL DATA

Project promotersPolskie 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<https://www.pse.pl/obszary-dzialalnosci/inwestycje-infrastrukturalne/informacje-o-projektach-wspolnego-zainteresowania-pci>

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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Dec-2025
2019	(Not a PCI)	-

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

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020		No data	No data	0

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 PLAN¹¹The 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

	Start date	End date
Planning approval ²	No data	Aug-2022
Permit granting ³	Mar-2021	Jul-2022
Construction	Feb-2023	May-2024

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) submitted an investment request in Nov-2019
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Synchronous condensers providing inertia, voltage stability, frequency stability and short-circuit power in Lithuania, Latvia and Estonia

PCI MONITORING 2020

GENERAL DATA

Project promoters

Litgrid AB, Augstsprieguma tikls 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

<https://elering.ee/en/synchronization-continental-europe>, <https://www.litgrid.eu/index.php/grid-development/strategic-projects/synchronous-operation/137>, <http://www.ast.lv/en/projects/synchronisation-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

Year	Status	Commissioning date
2020	Under consideration	Dec-2025
2019	(Not a PCI)	-

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	333	No data	+5/-5	4.5

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 PLAN¹

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

	Start date	End date
Planning approval ²	Jan-2018	Nov-2019
Permit granting ³	Sep-2019	Dec-2020
Construction	Jan-2022	Nov-2025

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter(s) submitted an investment request in Nov-2019
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

<http://www.ast.lv/en/projects/synchronisation-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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	May-2024
2019	Planned but not yet in permitting	Dec-2024

Annual progress: Ahead of schedule

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	22	No data	No data	0.05

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 PLAN¹

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

	Start date	End date
Planning approval ²	Jun-2015	Aug-2015
Permit granting ³	Sep-2017	Apr-2019
Construction	Jun-2023	Mar-2024

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The NRA(s) issued a CBCA decision in Sep-2018
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Eesti and Tsirguliina (EE)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Permitting	Dec-2025
2019	Permitting	Jan-2025

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

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	68.327	No data	No data	0.11

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

	Start date	End date
Planning approval ²	Jan-2015	Aug-2015
Permit granting ³	No data	Oct-2022
Construction	Jun-2023	Nov-2025

REGULATORY TREATMENT

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
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Paide and Sindi (EE)

PCI MONITORING 2020

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

https://elering.ee/sites/default/files/public/Infokeskus/elering_vka_2019_web_final2.pdf

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

Year	Status	Commissioning date
2020	Under consideration	Dec-2025
2019	Cancelled	Jan-2022

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	15	No data	No data	0.04

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. The project is on hold and not developed further until the investment need is confirmed

CURRENT IMPLEMENTATION PLAN¹

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

	Start date	End date
Planning approval ²	No data	No data
Permit granting ³	No data	No data
Construction	No data	No data

REGULATORY TREATMENT

Exemption ⁴	The project promoter has not submitted such a request
Cross Border Cost Allocation ⁵	The project promoter has not submitted such a request
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

Internal line between Vilnius and Neris (LT)

PCI MONITORING 2020

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

Year	Status	Commissioning date
2020	Permitting	Dec-2025
2019	Permitting	Dec-2025

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	23.813	No data	No data	0

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 PLAN¹

	Start date	End date
Planning approval ²	May-2019	Dec-2021
Permit granting ³	Jun-2019	Sep-2022
Construction	Sep-2022	Sep-2025

REGULATORY TREATMENT

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
Project specific risk-based incentives ⁶	The project promoter has not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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

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

<http://www.ast.lv/en/projects/synchronisation-europe>; <https://elering.ee/en/synchronization-continental-europe>; <https://www.litgrid.eu/index.php/grid-development/strategic-projects-/synchronous-operation-137>

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

Year	Status	Commissioning date
2020	Planned but not yet in permitting	Dec-2025
2019	Planned but not yet in permitting	Dec-2025

Annual progress: On time

Main reason for rescheduling/delay:

N/A

COST DATA

Year	Initial investment costs (Inception CAPEX) (mil €)	Later investment costs (Sustaining CAPEX) (mil €)	Upward / downward variation (uncertainty) of the total investment cost (%)	Annual operating expenditure (OPEX) (mil €/year)
2020	98.16	No data	No data	0.01

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 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

	Start date	End date
Planning approval ²	Jan-2015	Aug-2015
Permit granting ³	Dec-2013	Dec-2021
Construction	Jun-2022	Nov-2025

REGULATORY TREATMENT

Exemption ⁴	The project promoter(s) have not submitted such a request
Cross Border Cost Allocation ⁵	The NRA(s) issued a CBCA decision in Sep-2018
Project specific risk-based incentives ⁶	The project promoter(s) have not submitted such a request

NOTES

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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

⁴ Under Art. 63 of Regulation (EU) 2019/943, Art. 17 of Regulation (EC) No 714/2009 or Art. 7 of Regulation (EC) No 1228/2003

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

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