Scottish & Southern Electricity Networks

TRANSMISSION

LUC

N56
N57
N58
N59
N60
N61
N62
N63
N64
N66
N67
N68
N69
N70
77
76
AH
River Dee
River Dee
Sheeoch Burn
See Figure 13.2.20 for more detail

N

Scale @ A3: 1:15,000

0 0.25 0.5 1 1.5 km

**Proposed Development**
- Tower Location and number
- Proposed Alignment
- Proposed Development Limit of Deviation (LOD)

**Access**
- Existing to be upgraded
- Proposed new stone permanent
- Proposed new stone temporary

**Bellmouth type**
- Proposed new
- Existing to be upgraded

**Temporary working areas**
- Tower working area
- Proposed conductor pulling area (Equipotential Zone (EPZ))

**Additional development included in Section 37 application: Kintore - Fetteresso 275 kV/400 kV Overhead Line Realignment**
- Existing tower to be dismantled
- Temporary diversion tower position
- Existing tower position reconductoring
- Realignment tower position
- Temporary diversion overhead line
- Existing overhead line to be removed
- Existing overhead line to be retained
- Realignment overhead line

**Watercourse crossing/buffer encroachment**

Crossing type and ID
- Existing
- Proposed

Buffer encroachment type and ID
- Permanent

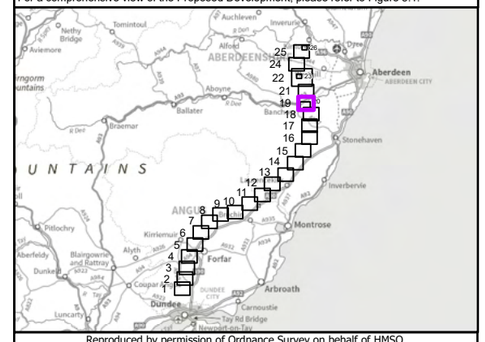
**Watercourses and Scottish Environment Protection Agency (SEPA) recommended riparian corridors**
- Ordnance Survey watercourse lines and surface water areas
- 10 m Buffer
- 15 m Buffer
- 30 m Buffer

**Flooding**
- Future river flooding - By the 2080s, each year this area may have a 0.5% chance of flooding
- Future surface water and small watercourse flooding - By the 2070s, each year this area may have a 0.5% chance of flooding

Note: Details of each watercourse crossing and buffer encroachment (referenced by ID number) are provided in Volume 5, Appendix 13.1: Watercourse Crossing and Buffer Encroachment Assessment and discussed in Section 13.6 of Chapter 13: Hydrology, Hydrogeology, Geology and Soils. There are a few locations where small watercourses do not have a mapped SEPA riparian buffer, however these watercourses should also be buffered by a minimum of 10 m.

Contains public sector information licensed under the Open Government Licence v3.0. © SEPA.

For a comprehensive view of the Proposed Development, please refer to Figure 3.1.




Reproduced by permission of Ordnance Survey on behalf of HMSO.
Crown copyright and database right 2025 all rights reserved.
Ordnance Survey Licence number 0100022432.
**SSEN Transmission take no responsibility for the release or accuracy of latest version Basemaps from Ordnance Survey**

Project No: LT455

Project: Kintore to Tealing 400 kV Overhead Line

Title: Hydrology, Flood Risk and Buffers

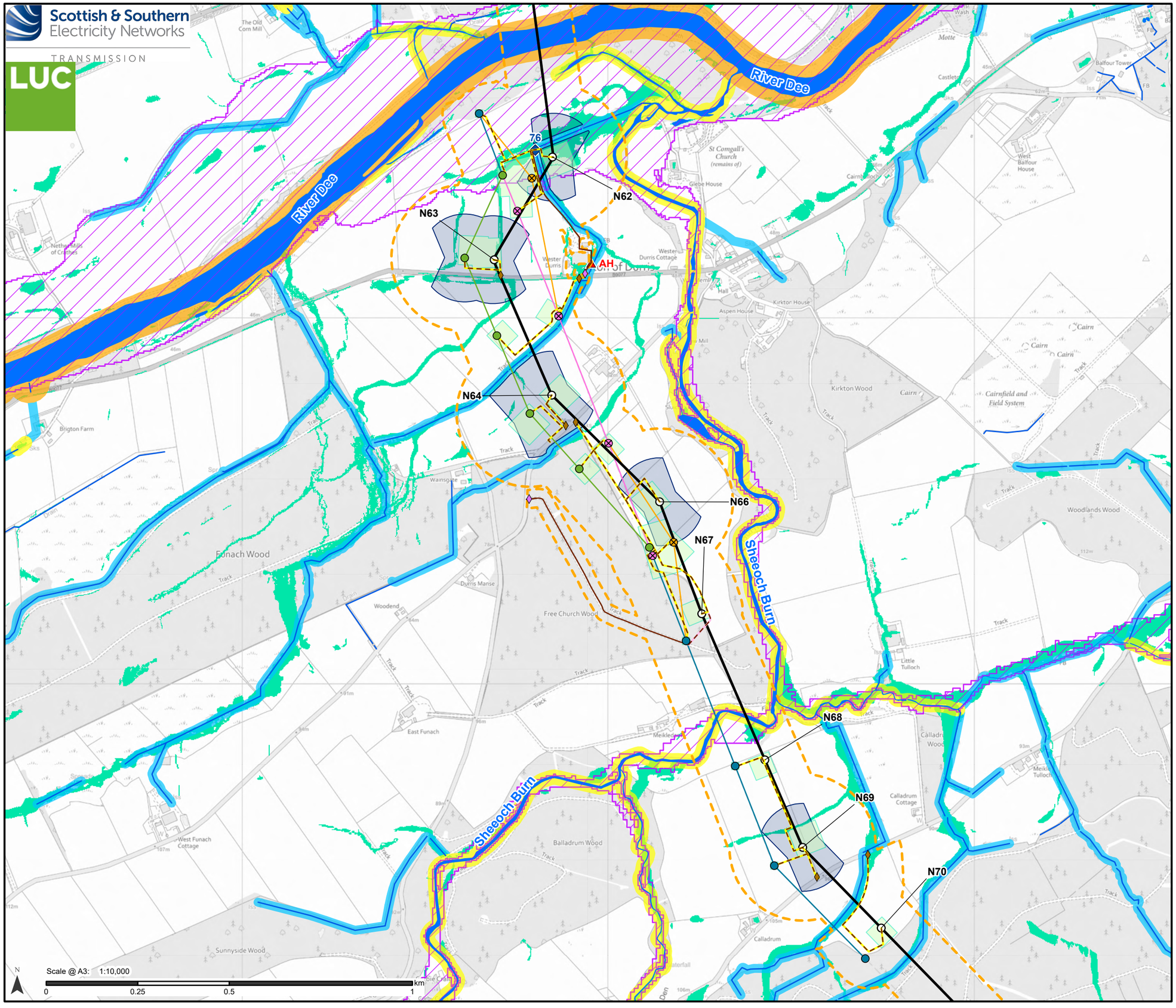
Drawn by: MS Date: 22/08/2025

Drawing: 13.2.19

Scottish & Southern Electricity Networks

TRANSMISSION

LUC




**Proposed Development**

- Tower Location and number
- Proposed Alignment
- Proposed Development Limit of Deviation (LOD)

**Access**

- Existing to be upgraded
- Proposed new stone permanent
- Proposed new stone temporary

**Bellmouth type**

- Proposed new
- Existing to be upgraded

**Temporary working areas**

- Tower working area
- Proposed conductor pulling area (Equipotential Zone (EPZ))

**Additional development included in Section 37 application: Kintore - Fetteresso 275 kV/400 kV Overhead Line Realignment**

- Existing tower to be dismantled
- Temporary diversion tower position
- Existing tower position reconductoring
- Realignment tower position
- Temporary diversion overhead line
- Existing overhead line to be removed
- Existing overhead line to be retained
- Realignment overhead line

**Watercourse crossing/buffer encroachment**

Crossing type and ID

- Existing

Buffer encroachment type and ID

- Permanent

**Watercourses and Scottish Environment Protection Agency (SEPA) recommended riparian corridors**

- Ordnance Survey watercourse lines and surface water areas
- 10 m Buffer
- 15 m Buffer
- 30 m Buffer

**Flooding**

- Future river flooding - By the 2080s, each year this area may have a 0.5% chance of flooding
- Future surface water and small watercourse flooding - By the 2070s, each year this area may have a 0.5% chance of flooding

Note: Details of each watercourse crossing and buffer encroachment (referenced by ID number) are provided in Volume 5, Appendix 13.1: Watercourse Crossing and Buffer Encroachment Assessment and discussed in Section 13.6 of Chapter 13: Hydrology, Hydrogeology, Geology and Soils. There are a few locations where small watercourses do not have a mapped SEPA riparian buffer, however these watercourses should also be buffered by a minimum of 10 m.

Contains public sector information licensed under the Open Government Licence v3.0. © SEPA.

For a comprehensive view of the Proposed Development, please refer to Figure 3.1.

Reproduced by permission of Ordnance Survey on behalf of HMSO.
Crown copyright and database right 2025 all rights reserved.
Ordnance Survey Licence number 0100022432.
**SSEN Transmission take no responsibility for the release or accuracy of latest version Basemaps from Ordnance Survey**

Project No: LT455

Project: Kintore to Tealing 400 kV Overhead Line

Title:

Hydrology, Flood Risk and Buffers

Drawn by: MS Date: 22/08/2025

Drawing: 13.2.20

Scottish & Southern Electricity Networks

TRANSMISSION

LUC

Gormack Burn

N45
N46
N47
N48
N49
N50
N51
N52
N53
N54
N55
N56
A1
78
78

8000000m.N

8000000m.N

Scale @ A3: 1:15,000

N

0 0.25 0.5 1 1.5 km

**Proposed Development**
- Tower Location and number
- Proposed Alignment
- Proposed Development Limit of Deviation (LOD)

**Access**
- Existing to be upgraded
- Proposed new stone permanent
- Proposed new stone temporary

**Bellmouth type**
- Proposed new
- Existing to be upgraded

**Temporary working areas**
- Tower working area
- Proposed conductor pulling area (Equipotential Zone (EPZ))

**Watercourse crossing/buffer encroachment**

Crossing type and ID
- Proposed

Buffer encroachment type and ID
- Temporary

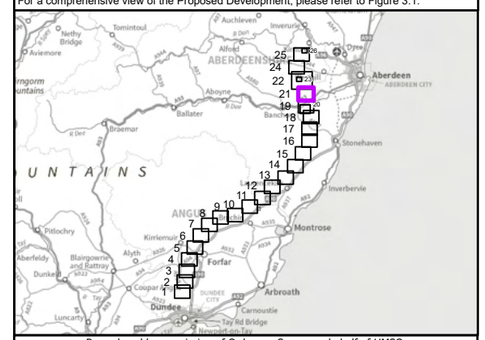
**Watercourses and Scottish Environment Protection Agency (SEPA) recommended riparian corridors**
- Ordnance Survey watercourse lines and surface water areas
- 10 m Buffer
- 15 m Buffer
- 30 m Buffer

**Flooding**
- Future river flooding - By the 2080s, each year this area may have a 0.5% chance of flooding
- Future surface water and small watercourse flooding - By the 2070s, each year this area may have a 0.5% chance of flooding

Note: Details of each watercourse crossing and buffer encroachment (referenced by ID number) are provided in Volume 5, Appendix 13.1: Watercourse Crossing and Buffer Encroachment Assessment and discussed in Section 13.6 of Chapter 13: Hydrology, Hydrogeology, Geology and Soils. There are a few locations where small watercourses do not have a mapped SEPA riparian buffer, however these watercourses should also be buffered by a minimum of 10 m.

Contains public sector information licensed under the Open Government Licence v3.0. © SEPA.

For a comprehensive view of the Proposed Development, please refer to Figure 3.1.




Reproduced by permission of Ordnance Survey on behalf of HMSO.
Crown copyright and database right 2025 all rights reserved.
Ordnance Survey Licence number 0100022432.
**SSEN Transmission take no responsibility for the release or accuracy of latest version Basemaps from Ordnance Survey**

Project No: LT455

Project: Kintore to Tealing 400 kV Overhead Line

Title: Hydrology, Flood Risk and Buffers

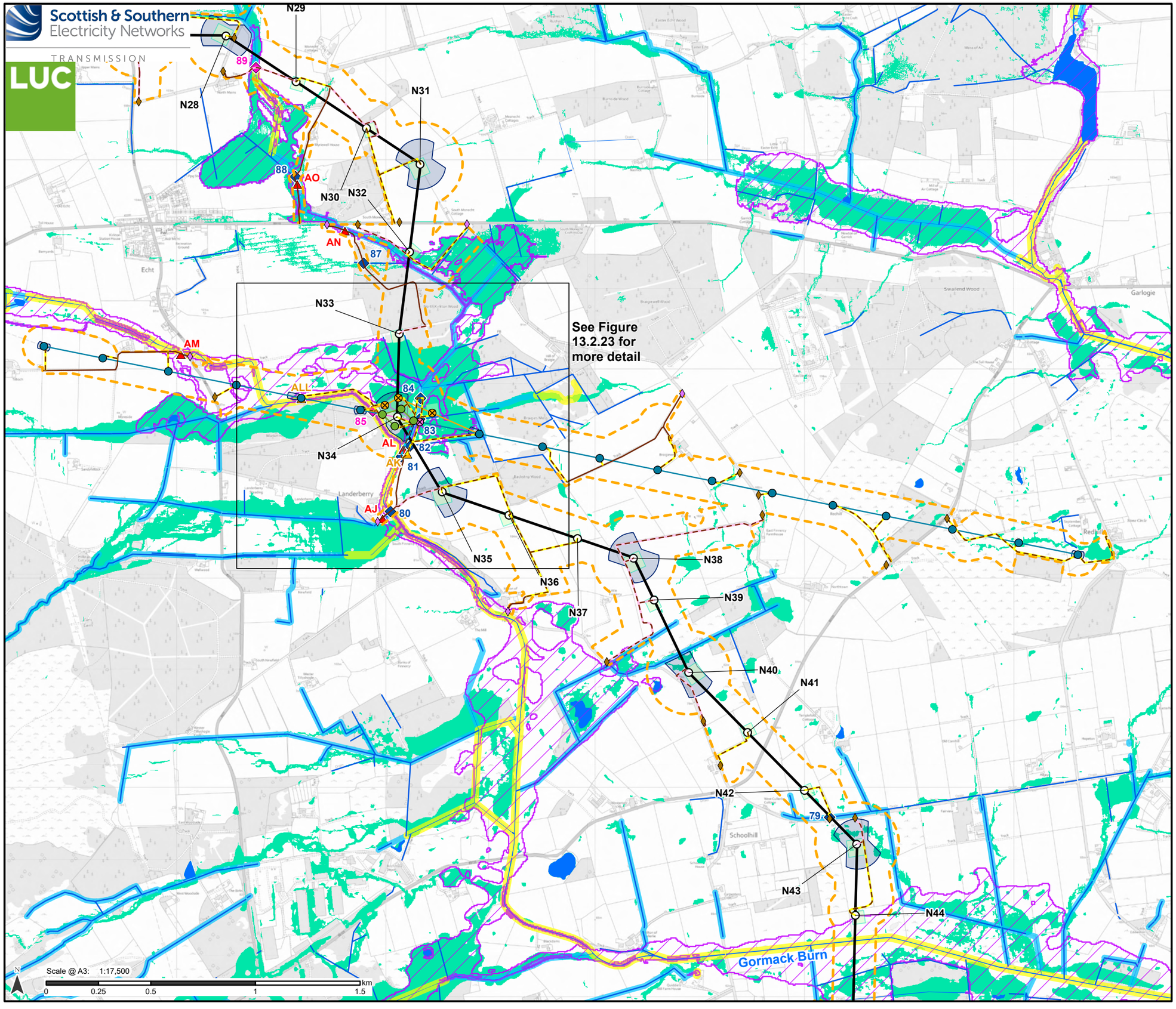
Drawn by: MS Date: 22/08/2025

Drawing: 13.2.21

Scottish & Southern Electricity Networks

TRANSMISSION

LUC




**Proposed Development**

- Tower Location and number
- Proposed Alignment
- Proposed Development Limit of Deviation (LOD)

**Access**

- Existing to be upgraded
- Proposed new stone permanent
- Proposed new stone permanent (operational and maintenance access track only - not for construction)
- Proposed new stone temporary

**Bellmouth type**

- Proposed new
- Existing to be upgraded

**Temporary working areas**

- Tower working area
- Proposed conductor pulling area (Equipotential Zone (EPZ))

**Additional development included in Section 37 application: Craigiebuckler - Tarland 132 kV Overhead Line Realignment**

- Temporary diversion tower position
- Existing tower to be dismantled
- Existing tower position reconductoring
- Diamond crossing tower position
- Temporary diversion overhead line
- Existing overhead line to be removed
- Existing overhead line to be retained
- Diamond crossing overhead line

**Watercourse crossing/buffer encroachment**

Crossing type and ID

- Existing
- Proposed

Buffer encroachment type and ID

- Permanent
- Temporary

**Watercourses and Scottish Environment Protection Agency (SEPA) recommended riparian corridors**

- Ordnance Survey watercourse lines and surface water areas
- 10 m Buffer
- 15 m Buffer

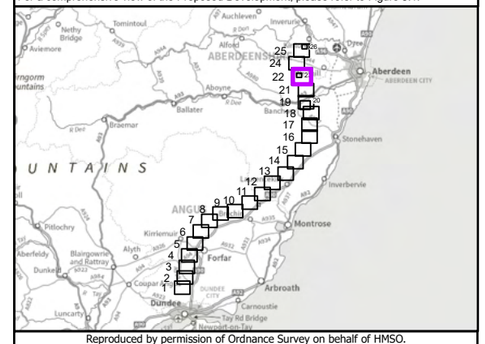
**Flooding**

- Future river flooding - By the 2080s, each year this area may have a 0.5% chance of flooding
- Future surface water and small watercourse flooding - By the 2070s, each year this area may have a 0.5% chance of flooding

Note: Details of each watercourse crossing and buffer encroachment (referenced by ID number) are provided in Volume 5, Appendix 13.1: Watercourse Crossing and Buffer Encroachment Assessment and discussed in Section 13.6 of Chapter 13: Hydrology, Hydrogeology, Geology and Soils. There are a few locations where small watercourses do not have a mapped SEPA riparian buffer, however these watercourses should also be buffered by a minimum of 10 m.

Contains public sector information licensed under the Open Government Licence v3.0. © SEPA.

For a comprehensive view of the Proposed Development, please refer to Figure 3.1.




Reproduced by permission of Ordnance Survey on behalf of HMSO.
Crown copyright and database right 2025 all rights reserved.
Ordnance Survey Licence number 0100022432.
**SSEN Transmission take no responsibility for the release or accuracy of latest version Basemaps from Ordnance Survey**

Project No: LT455

Project: Kintore to Tealing 400 kV Overhead Line

Title:

Hydrology, Flood Risk and Buffers

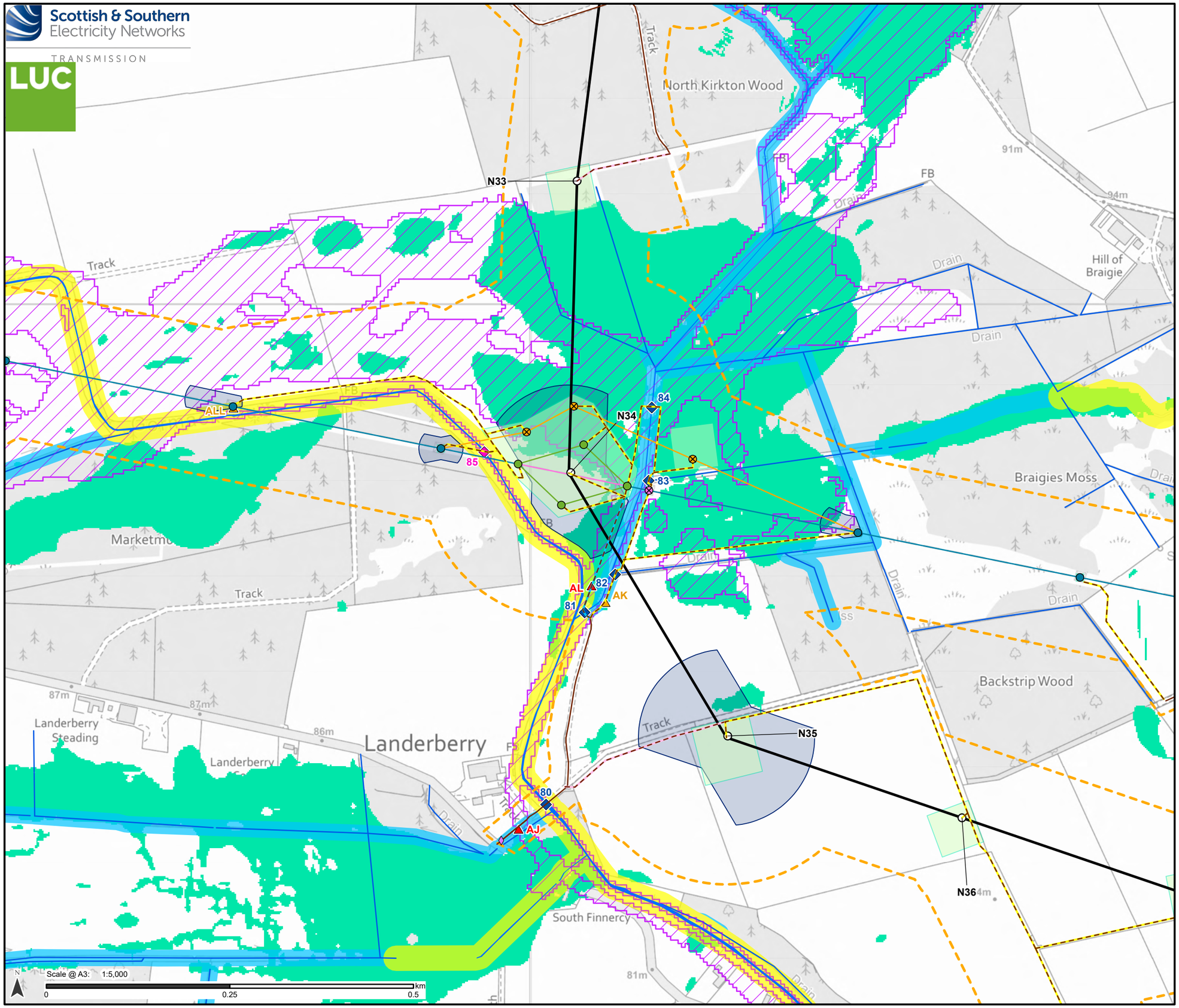
Drawn by: MS Date: 22/08/2025

Drawing: 13.2.22

Scottish & Southern Electricity Networks

TRANSMISSION

LUC




**Proposed Development**

- Tower Location and number
- Proposed Alignment
- Proposed Development Limit of Deviation (LOD)

**Access**

- Existing to be upgraded
- Proposed new stone permanent
- Proposed new stone permanent (operational and maintenance access track only - not for construction)
- Proposed new stone temporary

**Bellmouth type**

- Existing to be upgraded

**Temporary working areas**

- Tower working area
- Proposed conductor pulling area (Equipotential Zone (EPZ))

**Additional development included in Section 37 application: Craigiebuckler - Tarland 132 kV Overhead Line Realignment**

- Temporary diversion tower position
- Existing tower to be dismantled
- Existing tower position reconductoring
- Diamond crossing tower position
- Temporary diversion overhead line
- Existing overhead line to be removed
- Existing overhead line to be retained
- Diamond crossing overhead line

**Watercourse crossing/buffer encroachment**

Crossing type and ID

- Existing
- Proposed

Buffer encroachment type and ID

- Permanent
- Temporary

**Watercourses and Scottish Environment Protection Agency (SEPA) recommended riparian corridors**

- Ordnance Survey watercourse lines and surface water areas
- 10 m Buffer
- 15 m Buffer

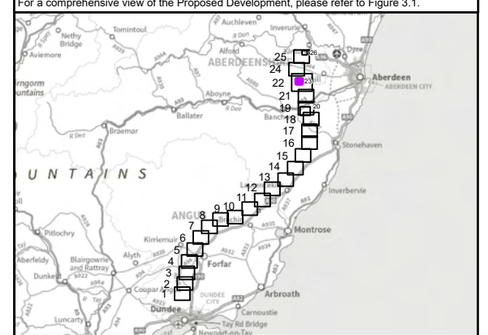
**Flooding**

- Future river flooding - By the 2080s, each year this area may have a 0.5% chance of flooding
- Future surface water and small watercourse flooding - By the 2070s, each year this area may have a 0.5% chance of flooding

Note: Details of each watercourse crossing and buffer encroachment (referenced by ID number) are provided in Volume 5, Appendix 13.1: Watercourse Crossing and Buffer Encroachment Assessment and discussed in Section 13.6 of Chapter 13: Hydrology, Hydrogeology, Geology and Soils. There are a few locations where small watercourses do not have a mapped SEPA riparian buffer, however these watercourses should also be buffered by a minimum of 10 m.

Contains public sector information licensed under the Open Government Licence v3.0. © SEPA.

For a comprehensive view of the Proposed Development, please refer to Figure 3.1.




Reproduced by permission of Ordnance Survey on behalf of HMSO.
Crown copyright and database right 2025 all rights reserved.
Ordnance Survey Licence number 0100022432.
**SSEN Transmission take no responsibility for the release or accuracy of latest version Basemaps from Ordnance Survey**

Project No: LT455

Project: Kintore to Tealing 400 kV Overhead Line

Title:

Hydrology, Flood Risk and Buffers

Drawn by: MS Date: 22/08/2025

Drawing: 13.2.23

Scottish & Southern Electricity Networks

TRANSMISSION

LUC

810000m.N

N15
N16
N17
N18
AR
N19
N20
N21
AQ
N22
N23
N24
AP
90
N25
N26
N27
N28

Kinnernie Burn

Old Kinnernie

Dunecht

Craig-na-laoigh Wood

Barmekin Wood

Tillyfoddie Wood

Scaur Wood

Old Reservoir Wood

Hindhill Wood

Tillymannoch Wood

Dunecht Lodge Wood

Easter Echt Wood

Hill of Corskie

Bogentory Wood

Howff Wood

Heather Hill

Hill of Easter Echt

Scale @ A3: 1:15,000

N

0 0.25 0.5 1 1.5 km

**Proposed Development**

- Tower Location and number
- Proposed Alignment
- Proposed Development Limit of Deviation (LOD)

**Access**

- Existing to be upgraded
- Proposed new stone permanent
- Proposed new stone temporary

**Bellmouth type**

- Proposed new
- Existing to be upgraded

**Temporary working areas**

- Tower working area
- Proposed conductor pulling area (Equipotential Zone (EPZ))

**Watercourse crossing/buffer encroachment**

Crossing type and ID

- Existing
- Proposed

Buffer encroachment type and ID

- Permanent

**Watercourses and Scottish Environment Protection Agency (SEPA) recommended riparian corridors**

- Ordnance Survey watercourse lines and surface water areas
- 10 m Buffer
- 15 m Buffer

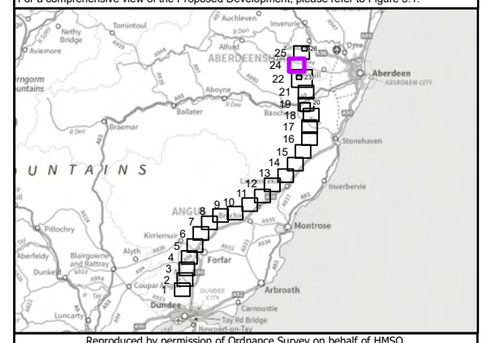
**Flooding**

- Future river flooding - By the 2080s, each year this area may have a 0.5% chance of flooding
- Future surface water and small watercourse flooding - By the 2070s, each year this area may have a 0.5% chance of flooding

Note: Details of each watercourse crossing and buffer encroachment (referenced by ID number) are provided in Volume 5, Appendix 13.1: Watercourse Crossing and Buffer Encroachment Assessment and discussed in Section 13.6 of Chapter 13: Hydrology, Hydrogeology, Geology and Soils. There are a few locations where small watercourses do not have a mapped SEPA riparian buffer, however these watercourses should also be buffered by a minimum of 10 m.

Contains public sector information licensed under the Open Government Licence v3.0. © SEPA.

For a comprehensive view of the Proposed Development, please refer to Figure 3.1.




Reproduced by permission of Ordnance Survey on behalf of HMSO.
Crown copyright and database right 2025 all rights reserved.
Ordnance Survey Licence number 0100022432.
**SSEN Transmission take no responsibility for the release or accuracy of latest version Basemaps from Ordnance Survey**

Project No: LT455

Project: Kintore to Tealing 400 kV Overhead Line

Title:

Hydrology, Flood Risk and Buffers

Drawn by: MS Date: 22/08/2025

Drawing: 13.2.24

Scottish & Southern Electricity Networks

TRANSMISSION

LUC

N1
N2
N3
N4
N6
N7
N8
N9
N10
N11
N12
N13
N14
93
92

See Figure 13.2.26 for more detail

N
Scale @ A3: 1:15,000
0 0.25 0.5 1 1.5 km

**Proposed Development**
- Tower Location and number
- Proposed Alignment
- Downlead
- Proposed Development Limit of Deviation (LOD)

**Access**
- Existing to be upgraded
- Proposed new stone permanent
- Proposed new stone temporary

**Bellmouth type**
- Proposed new
- Existing to be upgraded

**Temporary working areas**
- Tower working area
- Proposed conductor pulling area (Equipotential Zone (EPZ))

**Additional development included in Section 37 application: Kintore - Tealing 275 kV Overhead Line Realignment**
- Existing tower to be dismantled
- Temporary diversion tower position
- Existing tower position reconductoring
- Realignment tower position
- Temporary diversion overhead line
- Existing overhead line to be removed
- Existing overhead line, reinstallation of conductor
- Permanent realignment

**Additional development included in Section 37 application: Kintore - Craigiebuckler 132 kV**
- Terminal tower position
- Existing tower position
- Existing tower to be dismantled
- Overhead line to be removed
- Realignment overhead line
- Cable Sealing End Compound

**Permitted Development (not part of this Proposed Development)**
- Proposed underground cable (indicative)

**Existing/other infrastructure**
- Gantry location
- Existing access track
- Existing Kintore Substation

**Watercourse crossing/buffer encroachment**

Crossing type and ID
- Existing

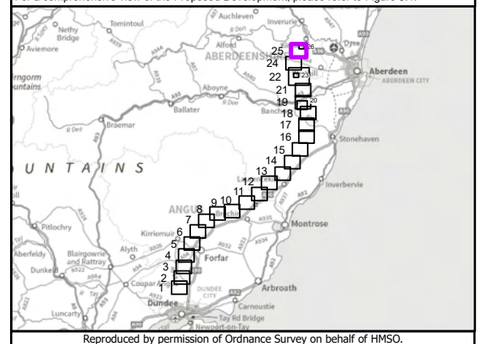
**Watercourses and Scottish Environment Protection Agency (SEPA) recommended riparian corridors**
- Ordnance Survey watercourse lines and surface water areas
- 10 m Buffer
- 15 m Buffer

**Flooding**
- Future river flooding - By the 2080s, each year this area may have a 0.5% chance of flooding
- Future surface water and small watercourse flooding - By the 2070s, each year this area may have a 0.5% chance of flooding

Note: Details of each watercourse crossing and buffer encroachment (referenced by ID number) are provided in Volume 5, Appendix 13.1: Watercourse Crossing and Buffer Encroachment Assessment and discussed in Section 13.6 of Chapter 13: Hydrology, Hydrogeology, Geology and Soils. There are a few locations where small watercourses do not have a mapped SEPA riparian buffer, however these watercourses should also be buffered by a minimum of 10 m.

Contains public sector information licensed under the Open Government Licence v3.0. © SEPA.

For a comprehensive view of the Proposed Development, please refer to Figure 3.1.




Reproduced by permission of Ordnance Survey on behalf of HMSO.
Crown copyright and database right 2025 all rights reserved.
Ordnance Survey Licence number 0100022432.
**SSEN Transmission take no responsibility for the release or accuracy of latest version Basemaps from Ordnance Survey**

Project No: LT455

Project: Kintore to Tealing 400 kV Overhead Line

Title:

Hydrology, Flood Risk and Buffers

Drawn by: MS Date: 22/08/2025

Drawing: 13.2.25

Scottish & Southern Electricity Networks

TRANSMISSION

LUC

N1

N2

N3

N4

72R

93

Dewsford Farm House

Southford Town House

The Croft

Claymore

Leylodge

South Leylodge Farmhouse

Southside Cottage

Leylodge House

Standing Stone

Standing Stones

Track

B977

78m

87m

96m

99m

94m

109m

Scale @ A3: 1:5,000

0 0.25 0.5 km

**Proposed Development**

- Tower Location and number
- Proposed Alignment
- Downlead
- Proposed Development Limit of Deviation (LOD)

**Access**

- Existing to be upgraded
- Proposed new stone permanent
- Proposed new stone temporary

**Bellmouth type**

- Proposed new
- Existing to be upgraded

**Temporary working areas**

- Tower working area
- Proposed conductor pulling area (Equipotential Zone (EPZ))

**Additional development included in Section 37 application: Kintore - Tealing 275 kV Overhead Line Realignment**

- Existing tower to be dismantled
- Temporary diversion tower position
- Existing tower position reconductoring
- Realignment tower position
- Temporary diversion overhead line
- Existing overhead line to be removed
- Existing overhead line, reinstallation of conductor
- Permanent realignment

**Additional development included in Section 37 application: Kintore - Craigiebuckler 132 kV**

- Terminal tower position
- Existing tower to be dismantled
- Overhead line to be removed
- Realignment overhead line
- Cable Sealing End Compound

**Permitted Development (not part of this Proposed Development)**

- Proposed underground cable (indicative)

**Existing/other infrastructure**

- Gantry location
- Existing access track
- Existing Kintore Substation

**Watercourse crossing/buffer encroachment**

Crossing type and ID

- Existing

**Watercourses and Scottish Environment Protection Agency (SEPA) recommended riparian corridors**

- 10 m Buffer

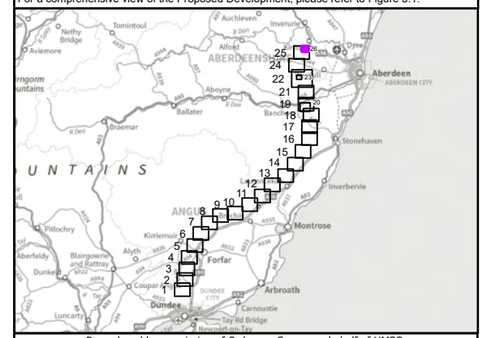
**Flooding**

- Future river flooding - By the 2080s, each year this area may have a 0.5% chance of flooding
- Future surface water and small watercourse flooding - By the 2070s, each year this area may have a 0.5% chance of flooding

Note: Details of each watercourse crossing and buffer encroachment (referenced by ID number) are provided in Volume 5, Appendix 13.1: Watercourse Crossing and Buffer Encroachment Assessment and discussed in Section 13.6 of Chapter 13: Hydrology, Hydrogeology, Geology and Soils. There are a few locations where small watercourses do not have a mapped SEPA riparian buffer, however these watercourses should also be buffered by a minimum of 10 m.

Contains public sector information licensed under the Open Government Licence v3.0. © SEPA.

For a comprehensive view of the Proposed Development, please refer to Figure 3.1.




Reproduced by permission of Ordnance Survey on behalf of HMSO.
Crown copyright and database right 2025 all rights reserved.
Ordnance Survey Licence number 0100022432.
**SSEN Transmission take no responsibility for the release or accuracy of latest version Basemaps from Ordnance Survey**

| | |
|---|---|
| Project No: | LT455 |
| Project: | Kintore to Tealing 400 kV Overhead Line |
| Title: | Hydrology, Flood Risk and Buffers |
| Drawn by: | MS |
| Date: | 22/08/2025 |
| Drawing: | 13.2.26 |