

Electricity Ten Year Statement 2012

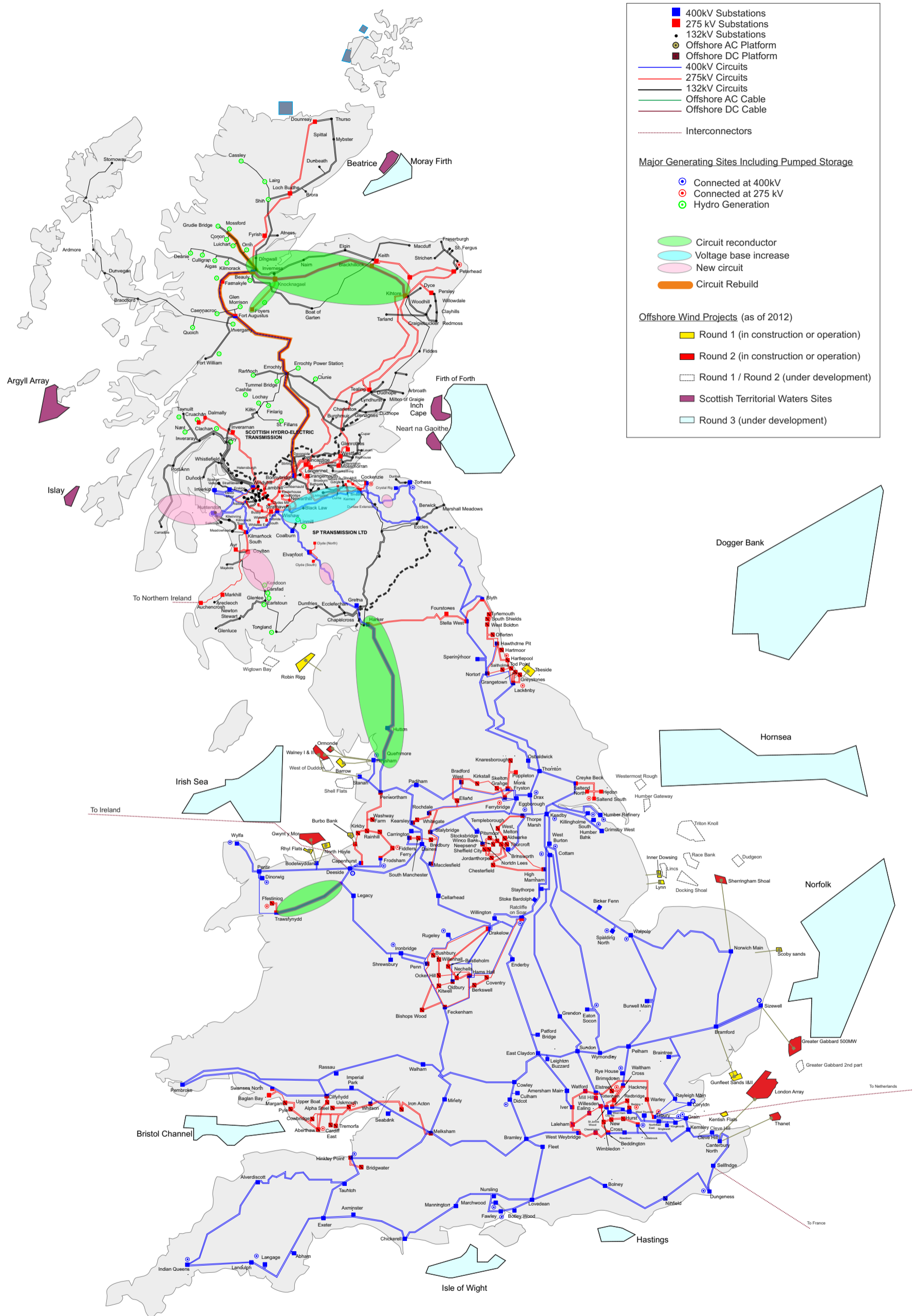
Appendix A3

System Maps / Schematics (Gone Green)

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Figure A3.1a: Gone Green 2015 Transmission System Scenario



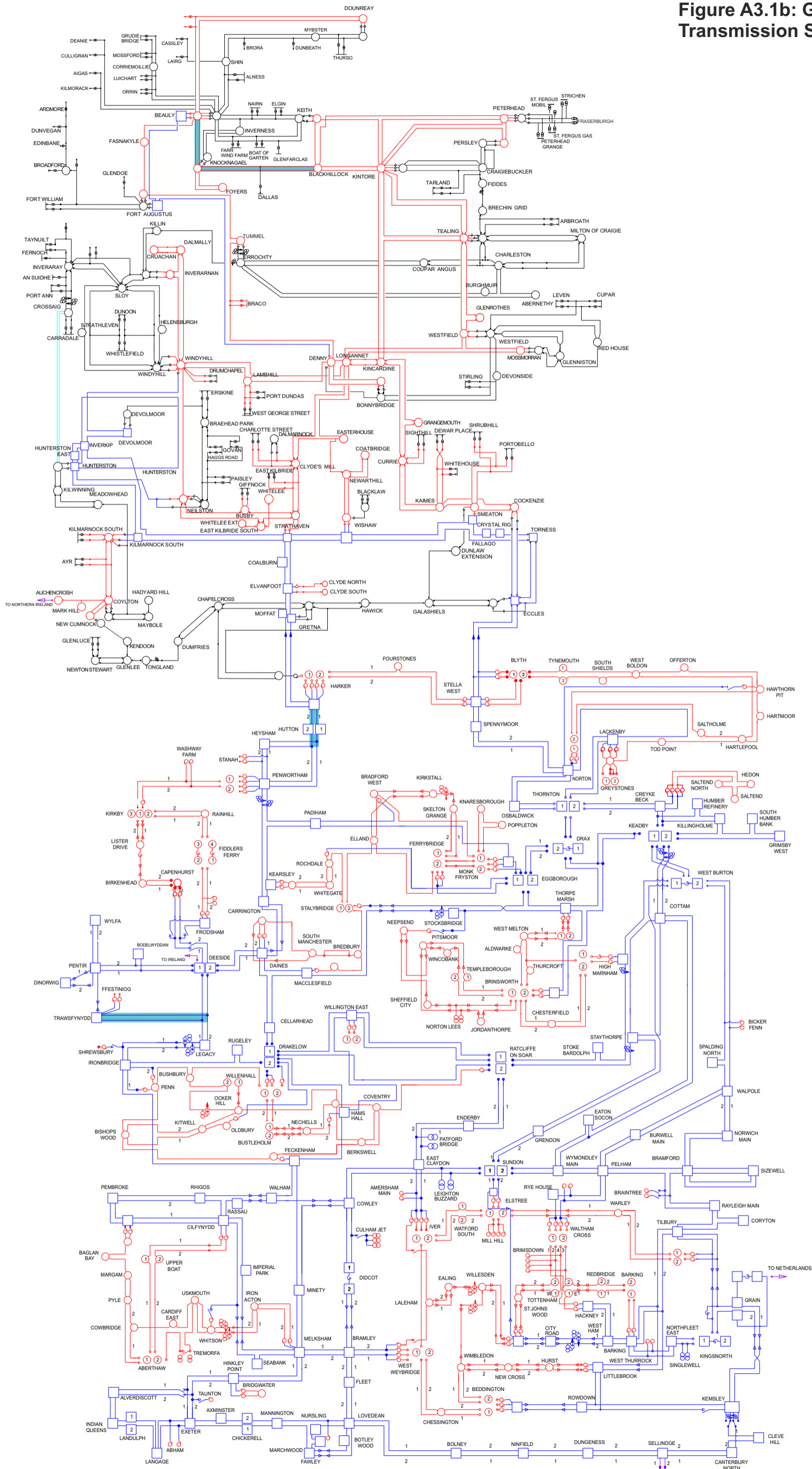
This map is for illustrative purposes only and is the result of preliminary desk top study using information available at the time of analysis. Detailed site analysis would need to be undertaken to establish actual routing (both onshore and offshore).

Figure A3.1b: Gone Green 2015 Transmission System Scenario

SHE TRANSMISSION

SP TRANSMISSION

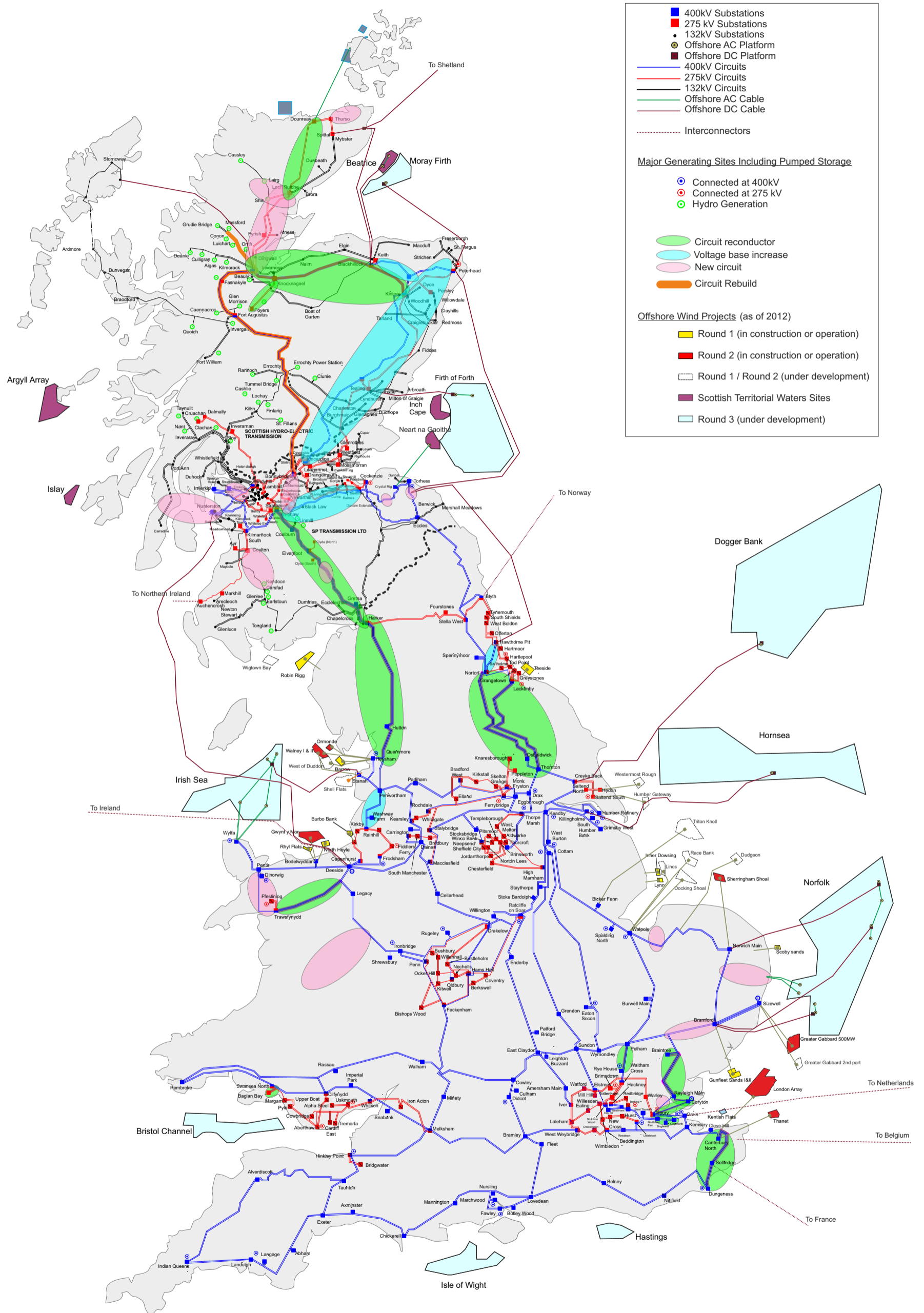
NATIONAL GRID



Note: Not all radial 132kV circuits are indicated on this diagram

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Figure A3.2a: Gone Green 2020 Transmission System Scenario



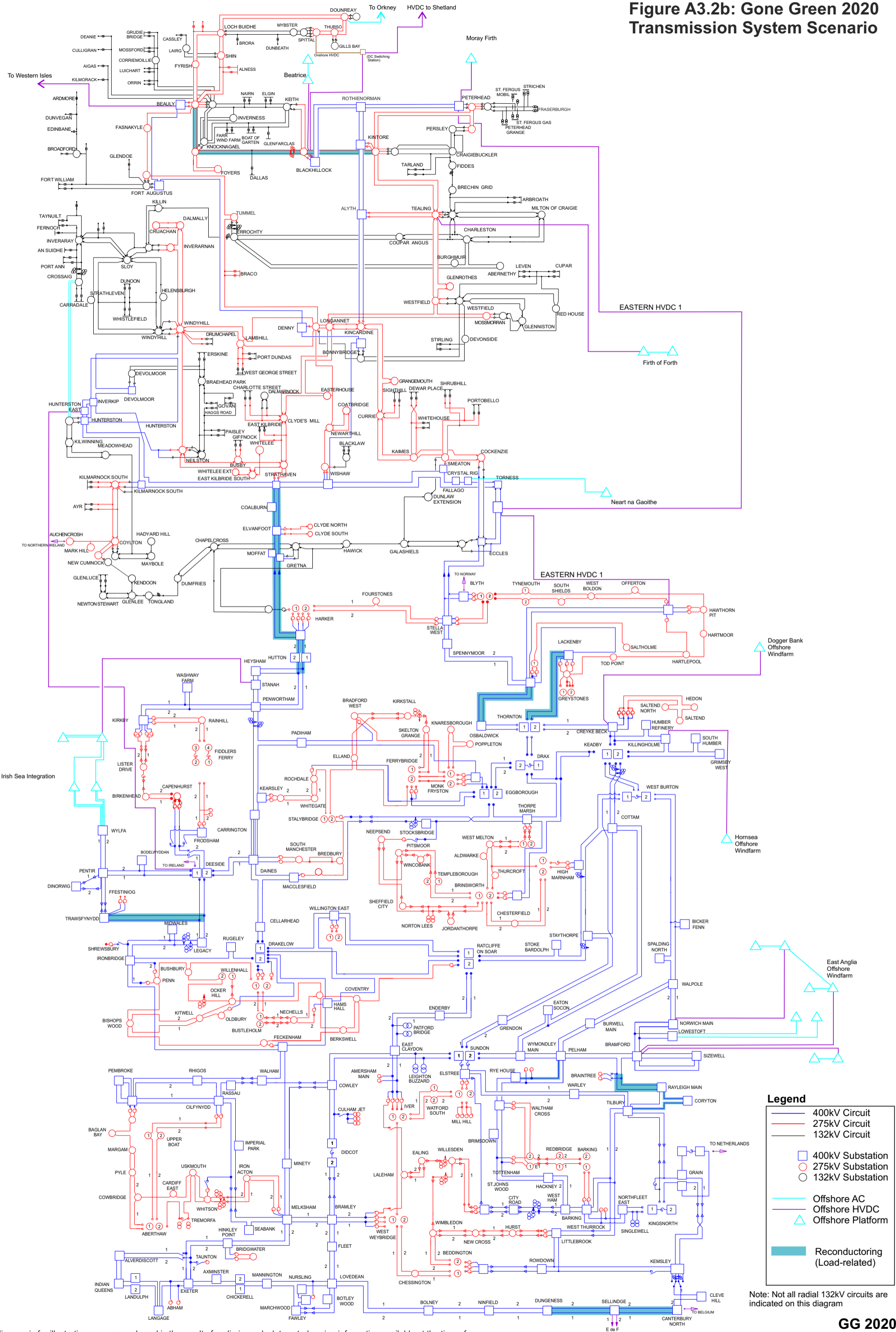
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Figure A3.2b: Gone Green 2020 Transmission System Scenario

SHE TRANSMISSION

SP TRANSMISSION

NATIONAL GRID



Legend

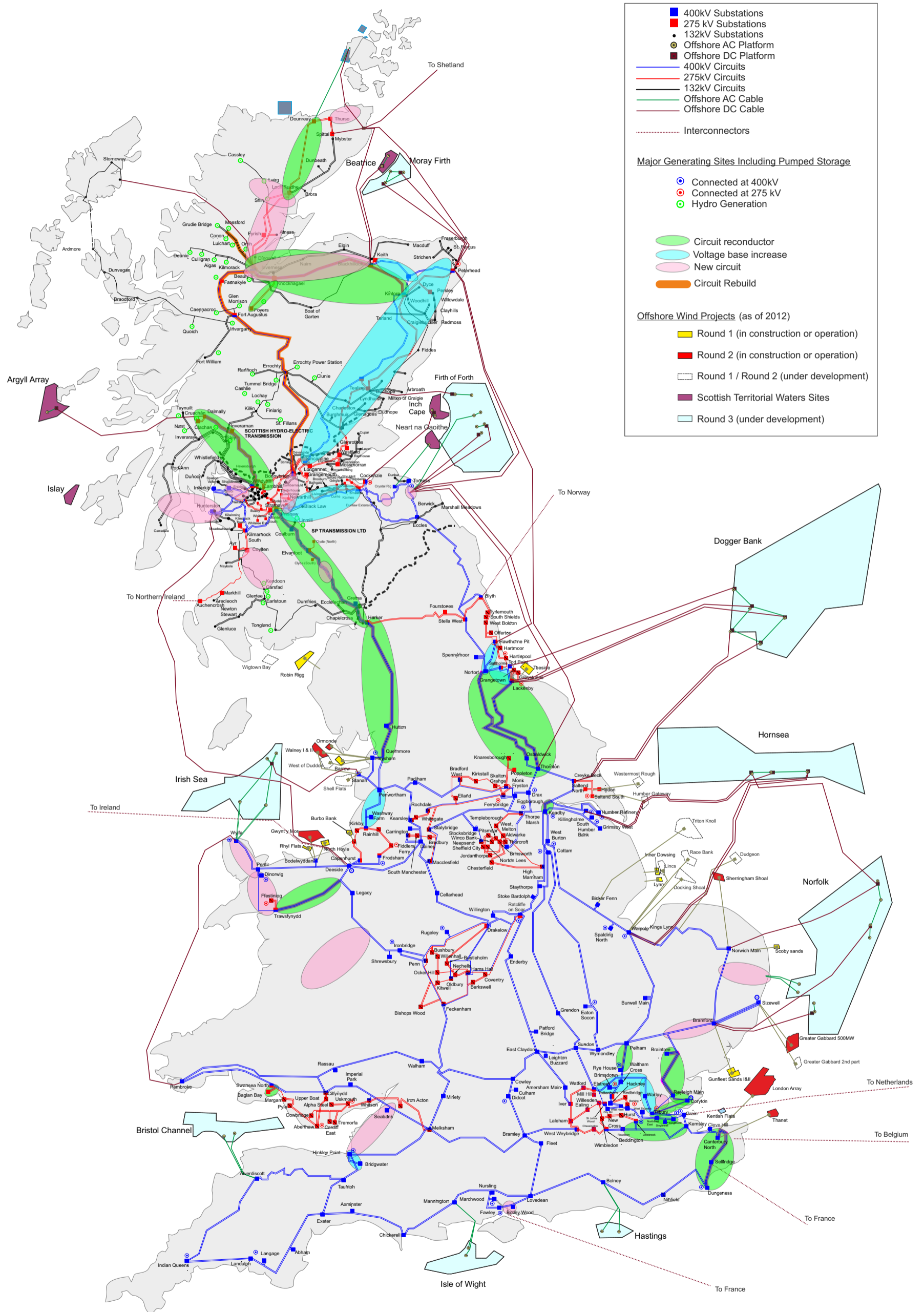
- 400kV Circuit
- 275kV Circuit
- 132kV Circuit
- 400kV Substation
- 275kV Substation
- 132kV Substation
- Offshore AC
- Offshore HVDC
- ▲ Offshore Platform
- Reconductoring (Load-related)

Note: Not all radial 132kV circuits are indicated on this diagram

GG 2020

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Figure A3.3a: Gone Green 2025 Transmission System Scenario



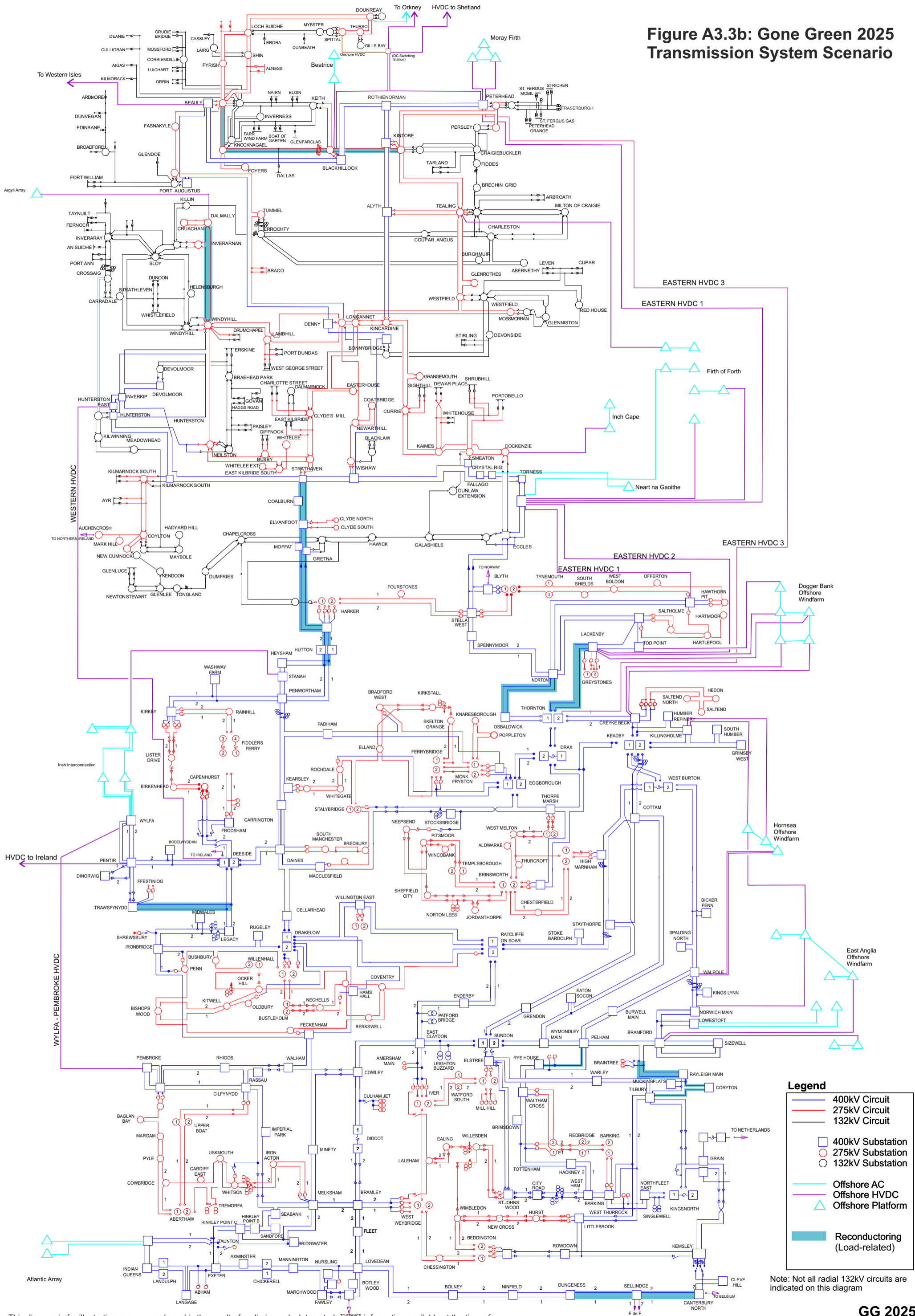
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SHE TRANSMISSION

SP TRANSMISSION

NATIONAL GRID

Figure A3.3b: Gone Green 2025 Transmission System Scenario



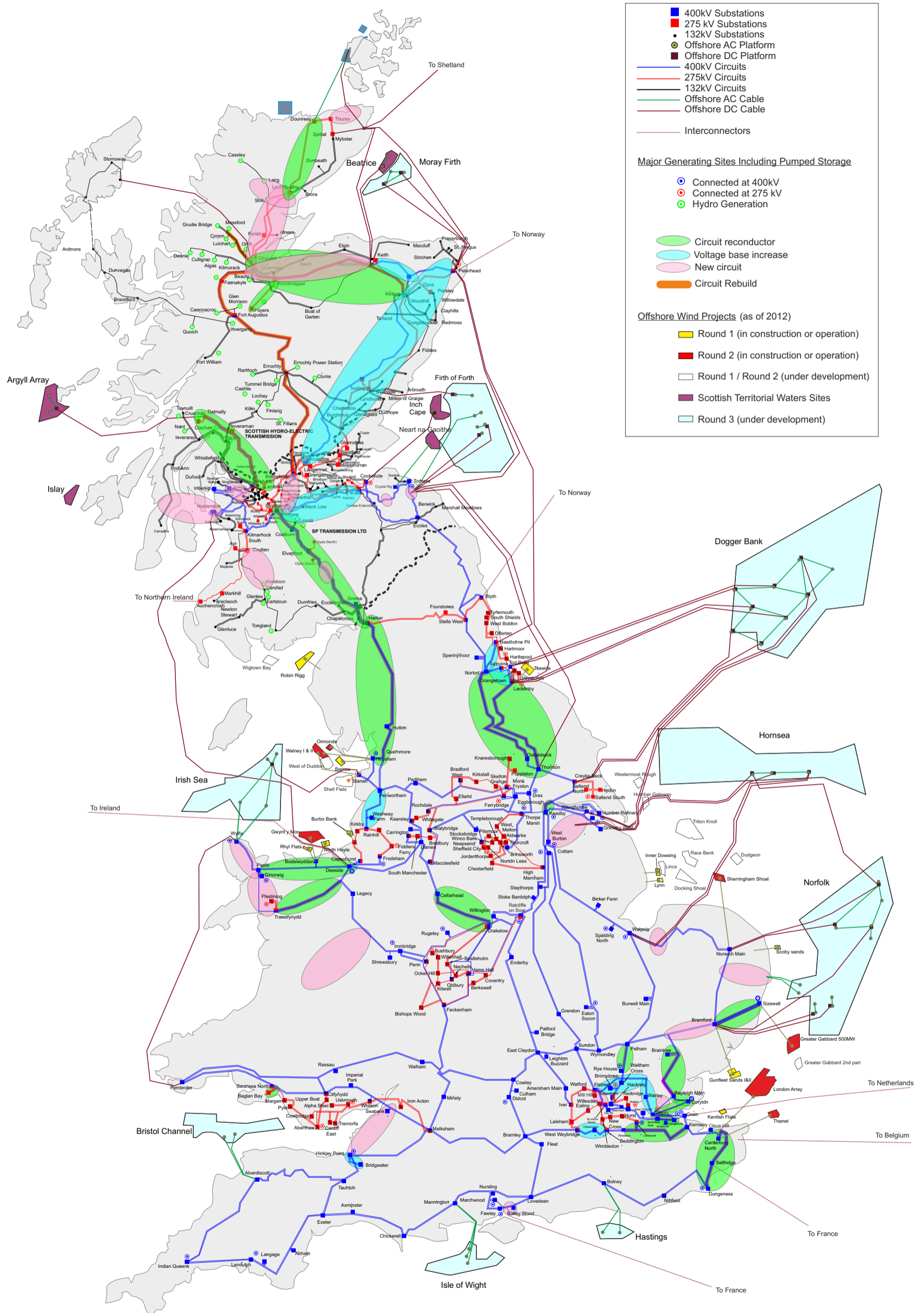
Legend

- 400kV Circuit
- 275kV Circuit
- 132kV Circuit
- 400kV Substation
- 275kV Substation
- 132kV Substation
- Offshore AC
- Offshore HVDC
- ▲ Offshore Platform
- Reconducting (Load-related)

Note: Not all radial 132kV circuits are indicated on this diagram

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Figure A3.4a: Gone Green 2030 Transmission System Scenario



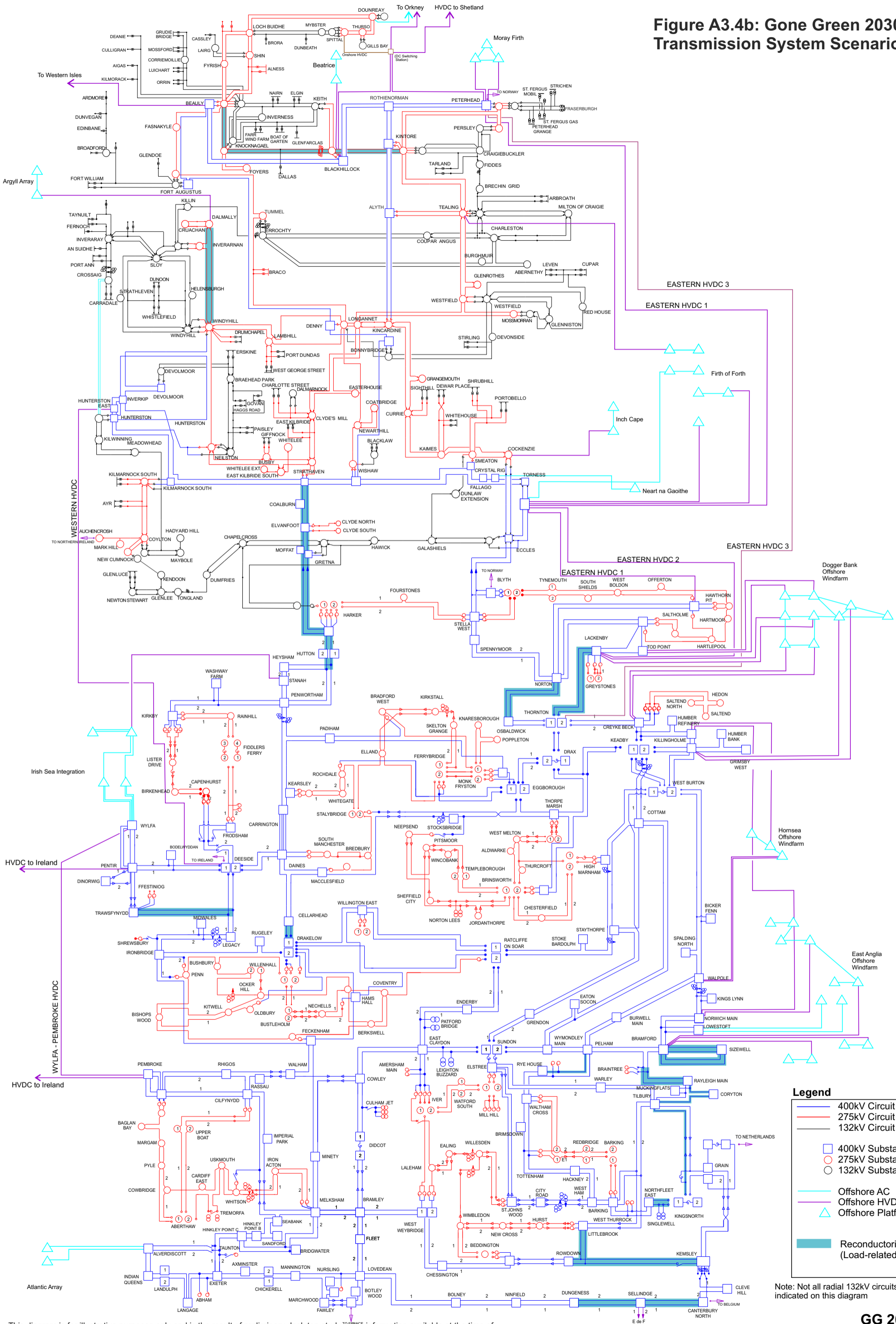
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Figure A3.4b: Gone Green 2030 Transmission System Scenario

SHE TRANSMISSION

SP TRANSMISSION

NATIONAL GRID



Note: Not all radial 132kV circuits are indicated on this diagram

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