moray offshore renewables ltd

# ONSHORE TRANSMISSION INFRASTRUCTURE FOR TELFORD, STEVENSON AND MACCOLL OFFSHORE WIND FARMS

# SECTION 42 APPLICATION: SUPPORTING STATEMENT

moray offshore renewables limited

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# List of Abbreviations

| | |
|---|---|
| AC | Alternating Current |
| CC | Community Council |
| CION | Connections Infrastructure and Options Note |
| DC | Direct Current |
| ES | Environmental Statement |
| JV | Joint Venture |
| MORL | Moray Offshore Renewables Limited |
| NPF3 | National Planning Framework 3 |
| OFTO | Offshore Transmission Owner |
| PPP | Planning Permission in Principle |
| SHE-T | Scottish-Hydro Electric Transmission |
| SPV | Special Purpose Vehicle |
| TI | Transmission Infrastructure |
| TO | Transmission Owner |
| ZDA | Zone Development Agreement |

# 1 Introduction

The purpose of the Section 42 Application is to enable construction on the substation site to commence before the matters specified in conditions which relate to the cable route (including the landfall at Inverboyndie) have been submitted and approved in terms of the Planning Permission in Principle (PPP) (Application Reference: BB/APP/2014/2430) granted by Aberdeenshire Council to Moray Offshore Renewables Limited (MORL) on 26 September 2014.

The PPP is for the development of:

"*Construction of Onshore electrical transmission cables, comprising an onshore transition jointing pit, underground cables within a 33km (approximately) long cable corridor and the construction of 2 No. Substations southwest of New Deer, also including temporary construction compounds, access tracks, laydown areas and other associated works at Landing At Inverboyndie Bay, Banff Travelling To Land West Of Cairnbanno House, New Deer*".

The cable route and substations which form the subject matter of the PPP consent are required to export the electricity which will be generated by three offshore wind farms (each of which have received consent under Section 36 of the Electricity Act 1989) to the National Electricity Transmission System in 2019.

The application for the PPP was accompanied by an Environmental Statement (ES) which assessed in detail the potential environmental effects which could arise from the construction of the cable route and substations.

The PPP was granted subject to conditions including Condition 1 which specifies:

"*Details of the specified matters listed below shall be submitted for consideration by the Planning Authority, in accordance with the timescales and other limitations in section 59 of the Town and Country Planning (Scotland) Act 1997 (as amended). No work shall begin until the written approval of the Planning Authority has been given, and the development shall be carried out in accordance with that approval….*"

The Section 42 Application submitted by MORL seeks approval to carry out development not in compliance with Conditions 1 (b), (c), (h), (i), (j), (k), (l), (m), (n), (o), (q) and (r) attached to the PPP. As stated above the purpose of the application is to enable construction on the substation site (shaded blue on Figure 1 below) to commence before the matters specified in conditions which relate to the cable route (including the landfall at Inverboyndie) have been submitted and approved.

In order for the substations consented in the PPP to be constructed and commissioned in time for the export of electricity in 2019 (as required by the grid connection agreement between MORL and National Grid to connect MORL's three consented offshore wind farms to the national grid), construction must commence on the substation site in Q1 2016. The PPP gives consent for two substations co-located on a single site. One of the substations will be operated by the regional Transmission Owner (TO). The regional TO substation is an enabling work for the grid connection as a whole and this requires to be progressed ahead of the remainder of the infrastructure comprised in the PPP (including MORL's own substation).

However, the planned phasing of the substation works is based on constructing the MORL substation civil works at the same time as the civil works required for the TO substation to minimise the impacts of construction. Accordingly, the Applicant will submit the detailed information for both substations as one package which will ensure that the mitigation for both the substations is developed and made available together.

The detailed information which must be submitted and approved in relation to the cable route pursuant to Condition 1, will not be available before the date on which the substation works must commence.

The need for this application is explained in greater detail in Section 3 below. No substantive additional or different environmental impacts are predicted to arise as a consequence of the Section 42 Application to those considered for the PPP application. Nor are there changes to the indicative sequencing of the works as set out in the application for the PPP (see Section 4 below).

The development to which the Section 42 Application relates is recognised as a 'National Development' within National Planning Framework 3 (NPF3). It is identified as a 'National Development' by category 4 'High Voltage Electricity Transmission Network'. The development is therefore a project of national significance and requires to be recognised as such in determination of this application under Section 42 of the Town & Country Planning (Scotland) Act 1997.

This Supporting Statement provides the following information:

- Background to the proposed development and the PPP;
- Need for the Section 42 Application;
- Implications of the Section 42 Application;
- Public consultation; and
- Proposed conditions.

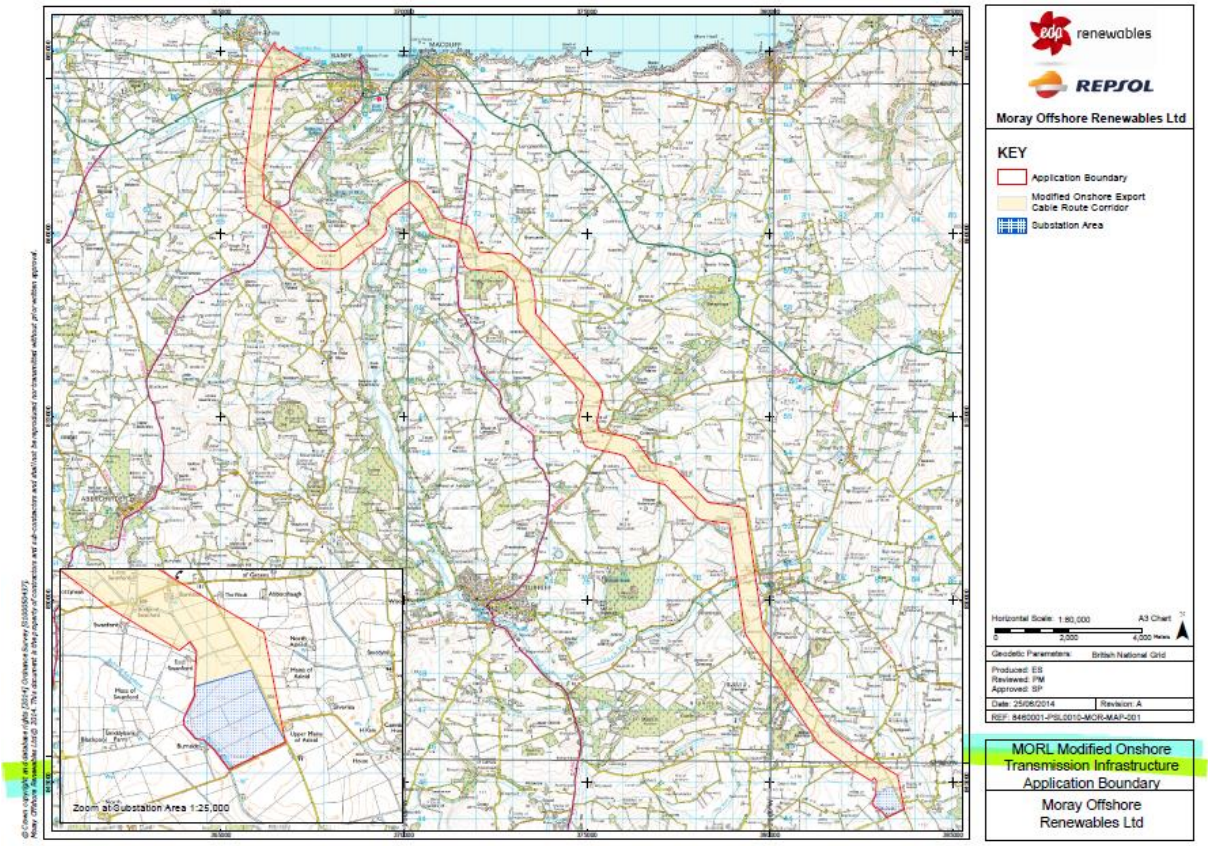


**Figure 1: Section 42 Application Boundary**

# 2 Background to the Proposed Development

In January 2010, Moray Offshore Renewables Limited (MORL) was awarded a Zone Development Agreement (ZDA) by The Crown Estate to develop Zone 1 of the nine UK offshore wind Round 3 zones. Zone 1 (the MORL Zone) is located in the outer Moray Firth within the UK Renewable Energy Zone. The development to which the Section 42 Application relates comprises the onshore elements of the transmission infrastructure (TI) (being the cable landfall, onshore cable route and onshore substations) associated with three consented offshore wind farms within the Zone as described below.

MORL is a joint venture (JV) that was established by EDP Renewables (EDPR UK) and SeaEnergy Renewables Ltd. In June 2011, SeaEnergy Renewables Ltd was acquired by Repsol Nuevas Energias UK. MORL is now owned 67 % by EDPR UK and 33 % by Repsol Nuevas Energias UK.

The purpose of MORL is to develop projects within the MORL Zone. Special Purpose Vehicles (SPVs) have been established to consent, construct, operate and maintain the offshore wind farm sites. These SPVs are Telford Offshore Wind Limited, Stevenson Offshore Wind Limited and MacColl Offshore Wind Limited.

Consents under Section 36 of the Electricity Act 1989 have been granted for the three offshore wind farm sites: Telford Offshore Wind Farm, Stevenson Offshore Wind Farm and MacColl Offshore Wind Farm.

The Section 36 consents referred to above were awarded by the Scottish Ministers in March 2014 for construction of a maximum installed capacity of 1,116 MW, split equally between the three sites.

At the time of the Section 36 applications in 2012, MORL also applied for a Marine Licence for its offshore TI to a landfall at Fraserburgh as MORL's grid connection point at the time was at Peterhead Power Station. The connection agreement with National Grid at Peterhead was for a direct current (DC) connection. On 6 June 2014 Marine Scotland issued a Marine Licence to MORL for the offshore TI to Fraserburgh.

Since the submission of the original offshore applications, the grid connection point has changed from Peterhead to a point southwest of New Deer. The change of grid connection point with the national grid arose out of the Connections Infrastructure and Options Note (CION) process. CION is a joint process between National Grid, the regional (TO) and the generator builder which seeks to find the most economic and efficient grid connection solution against the current system background. Following this change in the grid connection point MORL, as the generator-builder, proposed a grid connection route from the three consented offshore wind farms to a landfall at Inverboyndie and then onshore to the existing overhead line southwest of New Deer (see Volume 3, Figures 1.1-4 to 1.1-6 of the ES submitted with the PPP application). In March 2014 MORL submitted a modification application to National Grid and received an amended connection to the existing 275 kV overhead transmission line, owned and operated by SHE-T, located southwest of New Deer. The amended connection agreement also changes the technology from DC to alternating current (AC) as a result of a suite of studies which MORL undertook with the regional TO and MORL's consultant engineer. MORL is obliged in terms of the grid connection agreement to provide the regional TO with a levelled substation platform to install their assets at which time the regional TO will take control of the regional TO substation site and install and commission the regional TO substation.

As a result of this amended grid connection it was necessary for MORL to apply for consent for:

- The onshore cable route from Inverboyndie to the grid connection point southwest of New Deer;
- one onshore substation for MORL at the connection point to the southwest of New Deer; and
- in order to allow the connection of the three consented wind farms to the national grid, an additional substation which will ultimately be owned by the regional TO and will feed into the existing 275 kV overhead line.

The onshore substation site identified by MORL allows for the co-location of the MORL and the additional substation which together will occupy a single area no more than 10 hectares in size.

Following the changes to MORL's grid connection point, an application for a Marine Licence for the modified offshore TI was submitted in April 2014 by MORL to Marine Scotland. An application for PPP for the modified onshore TI was submitted to Aberdeenshire Council on 30 June 2014.

On 25 September 2014 MORL was awarded a Marine Licence for the modified offshore TI by Marine Scotland. Aberdeenshire Council granted PPP for the modified onshore TI (including the substation site to the southwest of New Deer) on 26 September 2014.

A detailed description of the modified onshore TI, which was granted PPP and to which this Section 42 Application relates, is set out in Chapter 2.2 of the ES. The Section 42 Application does not seek to change the physical parameters, construction methods, installation sequencing, operations or decommissioning of the onshore TI. As such the documents submitted with the application for the PPP, in particular the ES and the Updated Planning Statement, support the current application under Section 42 of the Town & Country Planning (Scotland) Act 1997. Section 4 below considers the environmental implications of the Section 42 Application.

# 3 Need for the Section 42 Application

The cable route and substations which form the subject matter of the PPP consent are required to enable the electricity generated by the three consented offshore wind farms to be exported to the National Electricity Transmission System in 2019. The development to which the Section 42 Application relates is recognised as a 'National Development' within NPF3. It is identified as a 'National Development' by category 4 'High Voltage Electricity Transmission Network'. The development is therefore a project of national significance and requires to be recognised as such in determination of the Section 42 Application for planning permission. The Updated Planning Statement submitted with the PPP application sets out in detail the relevant international, national and the strategic and local development plan policies supporting renewable energy developments and the strategic programme of upgrades to the electricity transmission system which are required.

The regional TO substation is an enabling work for the grid connection as a whole and this requires to be progressed ahead of the remainder of the infrastructure comprised in the PPP. In order for the three consented offshore wind farms to connect to the grid, it is first necessary for the regional TO's substation southwest of New Deer to be constructed and commissioned. Once constructed, MORL's transmission infrastructure (including onshore cable route and substation) can be connected into this.

The Section 42 Application is necessary to ensure that the MORL grid connection can be delivered within the contracted dates specified in MORL's grid connection agreement. In order to comply with the terms of MORL's grid connection agreement and to ensure the project has access to the network on the agreed connection date MORL is obliged to deliver to the regional TO a levelled substation platform in September 2016. Failure to do so will impact on the ability of the regional TO to install its assets and provide access to the network in line with the connection date.

Considerable work is ongoing to define the cable route within the 500 m onshore grid connection corridor which was consented in the PPP. This involves site investigations, further environmental surveys, discussions with landowners and detailed offshore and onshore engineering investigations at the landfall to determine the optimum location of the cable and the detailed mitigation measures required there and along the entire route. The interface between the offshore and onshore cable works materially affects the onshore cable route programme. Detailed analysis of information gathered from offshore landfall site investigations in 2014 in relation to how the export cable can be installed at the landfall requires further offshore engineering investigations to be undertaken before the landfall installation at Inverboyndie can be finalised. It is anticipated that the offshore landfall site investigation works will commence in Q2 2015.

In order to maintain the contracted grid connection date MORL will submit the substation information for approval in Q3/Q4 2015. MORL is confident that it can meet that submission programme for the substation information. However MORL considers that it is not possible to complete the detailed offshore and onshore investigations in relation to the cable route also by Q3/Q4 2015 to enable the cable information to be submitted to Aberdeenshire Council for approval at the same time as the substation information. It is currently anticipated that the cable route information could be submitted to Aberdeenshire Council in the summer of 2016. It is imperative that the regional TO's substation is constructed and connected to the national grid, as planned, in 2018. Any delay to this, or even uncertainty in the connection date, would impede and possibly prevent the construction of the consented wind farms. The MORL project, as a whole, is required to enter a competitive auction process in order to secure Government support and any uncertainty over connection dates, and consequent risks in delayed

programme and increased costs, would jeopardise the project's ability to successfully compete with other projects which are not exposed to such costs and risks.

The purpose of the Section 42 Application is to enable construction on the substation site to commence before the matters specified in conditions which relate to the cable route and landfall at Inverboyndie have been submitted and approved. In order for the substations to be constructed and commissioned in time to meet the dates within the grid connection agreement to deliver the regional TO substation, construction must commence on the substation site in Q1 2016. The detailed information which must be submitted and approved in relation to the cable works pursuant to Condition 1, will not be available before the date by which substation works must commence. Timely commencement of construction on the substation site and delivery of the platformed site to the TO should not be prejudiced by the need to delay the submission of information in relation to the cable works for a matter of months to ensure that the information is complete and robust, based on all further investigation and analysis.

# 4 Implications of the Section 42 Application

As stated above the Section 42 Application does not seek to change the physical parameters, construction methods, operations or decommissioning of the onshore TI. Although the overall duration of the programme for the substation and cable works is extended as a consequence of the earlier commencement of the substation works, no substantive changes to the environmental impacts assessed for the PPP have been identified. As such the documents submitted with the application for the PPP, in particular the ES and the Updated Planning Statement, support the current application under Section 42 of the Town & Country Planning (Scotland) Act 1997. The construction and engineering works for the substations and cable route are independent of each other up to the point of connection as demonstrated in the assessments which supported the application for the PPP. Therefore, the detail of the substation works can be considered and approved without the full detail of the cable route being available.

The sequence of works which the Section 42 consent would enable is consistent with the Indicative Installation Programme presented in Chapter 2.2 of the ES (replicated in Figure 2 below). As explained in Section 3 above, commencement of the civil works on site is required earlier than anticipated in the Indicative Installation Programme due to the requirements for delivery of the platformed site to meet the programme of planned outages along the transmission line and the grid connection export date in 2019 for the three consented offshore wind farms. No additional environmental impacts are predicted to arise as a consequence of the proposals under the Section 42 Application and the ES submitted in relation to the original application for the PPP provided the required environmental information for the development to which this application relates. Accordingly, no further environmental information is required in support of the current application.

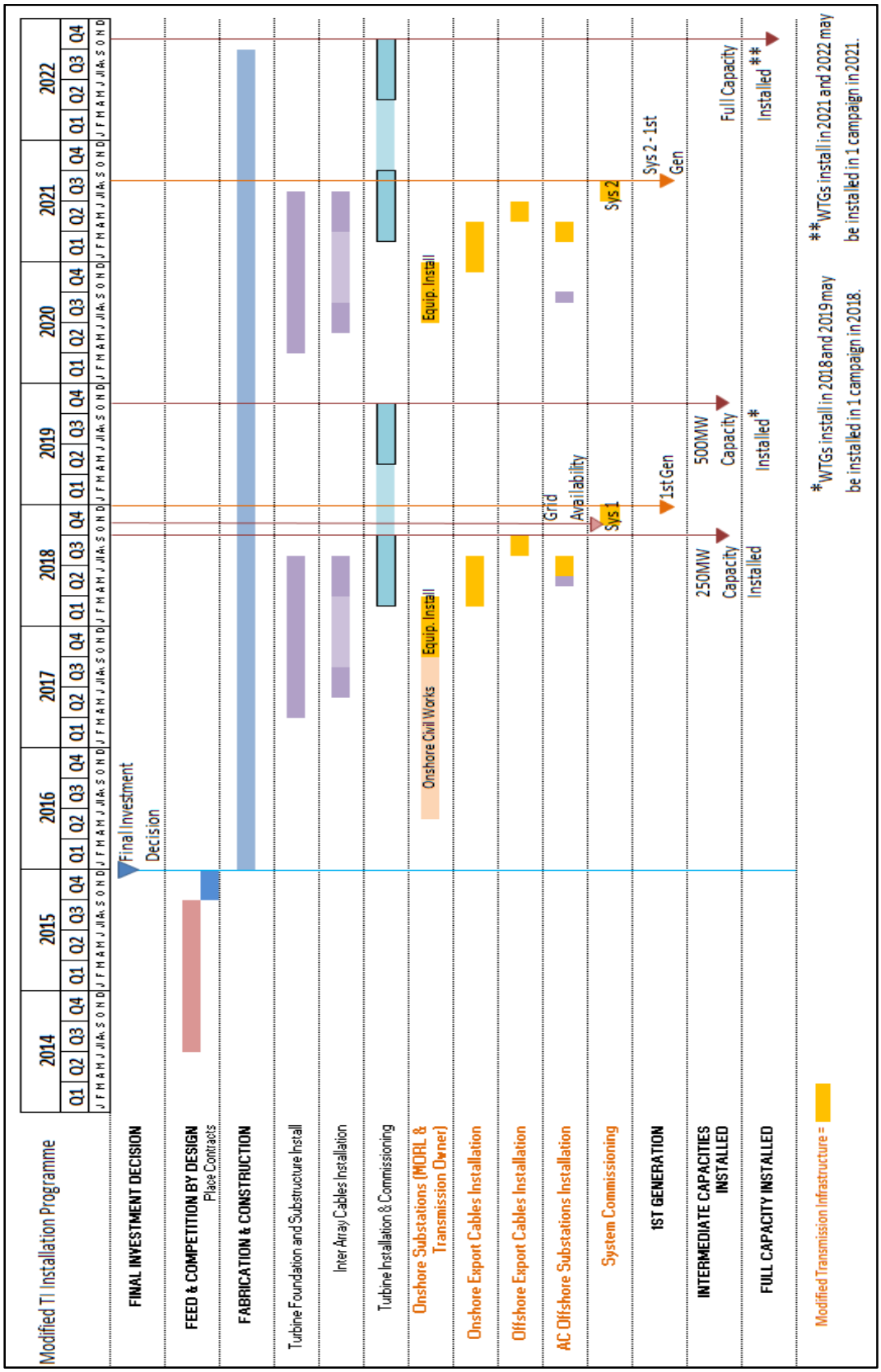


**Figure 2: Indicative Installation Programme as provided in the ES (Plate 2.2-1)**

# 5 Public Consultation

As stated above the Section 42 Application relates to a national development in terms of NPF3. As such it is subject to enhanced public consultation requirements in terms of the need to hold a Pre-Determination Hearing in the event of representations being made to the Planning Authority in respect of the Application. The Application must be determined by Full Council. In addition, the Application will go before the three relevant area committees (Banff and Buchan, Buchan and Formartine) for comment. MORL and the planning authority are currently finalising a processing agreement which reflects these requirements.

It is further noted that in relation to the development and submission of the information relating to matters specified in conditions MORL has proposed as part of the draft processing agreement a Public Engagement Plan (set out in Appendix 2 of this Supporting Statement) to ensure that effective engagement is carried out with local communities as the proposals develop. MORL will make available on its website the information submitted to the planning authority for approval to further support this engagement.

# 6 Proposed Conditions

MORL has submitted a Section 42 Application to carry out development not in compliance with Conditions 1 (b), (c), (h), (i), (j), (k), (l), (m), (n), (o), (q) and (r) attached to the PPP.

In terms of the PPP Condition 1

- (b) (cable route details);
- (c) (cable landscape features); and
- (j) (cable route temporary access details)

exclusively relate to requirements for the cable route only and do not apply to the substation site. It is proposed in the Section 42 Application that these conditions are not complied with prior to construction commencing on the substation site (shown blue on Figure 1 above).

In terms of the PPP Condition 1

- (h) ((Drainage Impact Assessment);
- (i) (Protected Mammals Survey);
- (k) (Mitigation Statement);
- (l) (Abnormal Loads Route Access Report);
- (m) (Construction and Temporary Works Schedule);
- (n) (Construction Environmental Management Plan) ;
- (o) (Programme of Archaeological Works);
- (q) (Construction Phasing Plan); and
- (r) (Construction Access Plan)

relate to both the substation site and the cable route. It is proposed in the Section 42 Application that these conditions are not complied with in respect of matters specified in

relation to the cable route prior to construction commencing on the substation site (shown blue on Figure 1 above). This means that the matters specified in the above conditions in relation to the substations together with those conditions in the PPP which exclusively relate to the substations (i.e. Conditions 1 (a), (d), (e), (f), (g) and (p)) must be submitted and approved before construction commences on the substation site.

All information required under the conditions in relation to the cable route must be submitted and approved before construction commences on the cable route.

The approach adopted in the Section 42 Application therefore ensures that all information in relation to the substations is submitted and approved before any works commence on the substation site so that members and the local community can fully consider the details of the substations and the mitigation measures proposed. The same requirement applies in relation to the cable route but independently of the process for submission and approval of information for the substation site.

Appendix 1 to this document provides an example of the conditions that could be issued in granting the current Section 42 Application to ensure that the relevant information in relation to the substation site and the cable route are provided to the Council for approval before work commences on each part.

# Appendix 1 – Proposed Conditions

(1) Details of the specified matters listed below shall be submitted for consideration by the Planning Authority, in accordance with the timescales and other limitations in section 59 of the Town and Country Planning (Scotland) Act 1997 (as amended). No work shall begin on the substation site (being the area shaded blue on the Application Boundary Plan) or associated highway or access work until the written approval of the Planning Authority has been given, and the development shall be carried out in accordance with that approval.

Specified matters:

(a) Full details of the layout, siting, external appearance and finishing materials of the proposed substations. This should include the following:

1. Buildings;
2. Electrical installations;
3. Walls, fences and other means of enclosure;
4. How impacts on the following have been avoided, or where avoidance is not possible, mitigated;
   a) Private water supplies;
   b) Field drains:
5. Flood risk;
6. Assessment of potentially contaminated sites identified in Technical Appendix 3.2A Hydrology, Geology and Hydrology of the Environment Statement Volume 5.

(b) Full details of all existing and proposed landscape features, including trees, shrubs or hedging to be retained and proposed at the substations site. A Landscape Maintenance Plan should be provided which shall include short term landscape establishment and longer term ongoing maintenance. Replacement and additional planting should be locally native species of local provenance appropriate to the Buchan area.

(c) A detailed levels survey of the substations site and cross sections showing the proposed finished platform levels relative to existing ground levels and a fixed datum point.

This should include full details of the cut and fill works, bunding and earthworks proposed as part of the screening of the substations site with all bunding to be naturally contoured.

(d) Full details of the proposed means of disposal of foul and surface water from the substations.

(e) Full details of the proposed means of access to the substations site, including the required visibility splays, parking spaces, turning areas, laybys and passing places.

(f) A full substation site specific Drainage Impact Assessment (DIA) shall be submitted which should address the following issues.

- If surface water soakaways are to be used to disperse of surface water; testing and sizing calculations should be done by a suitably competent person and in accordance with BRE Digest 365 or Ciria Project Report 23. Consideration should

also be made to the location of the soakaways to ensure a minimum distance of 5m from any building foundations or boundaries.

- If infiltration testing proves that the ground is impervious then suitable attenuation calculations should be provided to prove that on-site surface water drainage system has adequate storage capacity for a 30 year return period rainfall event. Prior to a controlled discharge into either an available watercourse or public sewer (to be agreed with Scottish Water), controlled to a pre-development run-off rate.
- Soakaway or Attenuation System construction details to be provided (including discharge control if necessary).
- A statement on how future maintenance of the proposed substation drainage system will be performed and confirmation of who will be responsible is also required.
- The 1 in 200 year flood boundary (as shown by SEPA's indicative flood map) extends into the substation area. Depending on where the two substations are to be located a Flood Risk Assessment (FRA) a Flood Risk Assessment may be required.
- A detailed drawing should be submitted indicating how surface water will be drained from the substation site.

(g) A full pre-construction survey of protected mammals, within and adjacent to the substation site.

(h) A Full Mitigation Statement summarising all mitigation measures proposed for the substations.

(i) A Route Access Report must be undertaken to establish that abnormal loads for the substation works can be transported through the trunk roads network safely and agreed with Transport Scotland. The report shall detail any measures temporary or otherwise required to be carried out and should establish that the transportation will not damage any structure along the route path to the substation site.

(j) A Full Construction and Temporary Works Schedule for the substation works including plans showing all construction and temporary works, including any borrow pits. The schedule should take into account the following issues:

- Mitigation of wetlands
- Mitigation of peat
- Impact on private water supplies
- Schedule of watercourse crossings
- Mitigation of flood risk

(k) A full substation site specific Construction Environmental Management Plan (CEMP) for the substation works. The CEMP should address the following issues:

- Schedule of Environmental Commitments
- Pollution prevention measures
- Sediment management
- Environmental incidents
- Water management plan (terrestrial and freshwater)
- Wet weather management plan
- Site Waste Management Plan
- Drainage plan for SUDS for the substations
- Appropriate training in the CEMP and PPGs
- References to relevant Method Statements

For the avoidance of doubt, detailed advice on the information to be submitted can be found in SEPA's consultation response (their ref:PCS/134435) Paragraph 4-11. Regulatory advice can be found in Paragraph 12.

(l) Full details of a programme of archaeological works in accordance with a written scheme of investigation for the substation site.

(m) A Noise Impact Assessment should be submitted in relation to the expected noise levels from the substations at the nearest noise sensitive properties. This assessment should take account of permitted noise levels from the approved wind turbine at Abbotshaugh, Greens, New Deer. Details of the noise report and approved noise limits for the wind turbine can be accessed on Aberdeenshire Council's website planning register, planning application reference number APP/2011/3267.

(n) A Phasing Plan outlining details of the phasing of all construction works of the substation works. Thereafter, development shall be undertaken in accordance with this approved Phasing Plan.

(o) Full details on the proposed substation construction access route(s) including the following:

- Vehicle swept paths for any abnormal load requirements;
- Phasing plan(s) for the sub-station works which confirms road improvement works required prior to commencement of each phase;
- Details of the construction access route to determine the locations of structures (e.g. bridges) and street furniture affected by any construction and/or abnormal load vehicle movements;
- Road improvements/strengthening (either temporary or permanent) required as a result of the survey.

(p) Full details of all external lighting to be installed at the substation site.

Reason: Permission for the development has been granted in principle only and subsequent approval is required for these matters in accordance with Section 59 of the Town and Country Planning (Scotland) Act 1997 (as amended).

(2) Details of the specified matters listed below shall be submitted for consideration by the Planning Authority, in accordance with the timescales and other limitations in section 59 of the Town and Country Planning (Scotland) Act 1997 (as amended). No work shall begin on the cable (including onshore landfall works) or associated highway or access work until the written approval of the Planning Authority has been given, and the development shall be carried out in accordance with that approval.

Specified matters:

(a) Full details of the final route of the cables, with proposed micro siting limits. The proposed route should demonstrate how impacts on the following have been avoided, or where avoidance is not possible, mitigated:

1. Wetlands, especially groundwater dependant terrestrial ecosystems (GWDTEs), which are types of wetlands protected by the Water Framework Directive;
2. Peatland;
3. Private water supplies;
4. Field drains;
5. Groundwater;

6. Engineering works in the water environment, for example watercourse crossings (including the River Deveron);
7. Flood risk;
8. Listed Buildings (see Informative for buildings omitted from the ES);
9. Assessment of potentially contaminated sites identified in Technical Appendix 3.2A Hydrology, Geology and Hydrology of the Environment Statement Volume 5.

(b) Full details of all existing and proposed landscape features, including trees, shrubs or hedging to be retained and proposed throughout the cable route. Replacement and additional planting should be locally native species of local provenance appropriate to the Buchan area. Details should be provided on the reinstatement of walls, woodland, hedges, recreation routes and water courses.

(c) A full pre-construction survey of protected mammals, within and adjacent to the cable route. This should include otter resting places within the corridor.

(d) Full details of any temporary access tracks required along the cable route. This should include a detailed scheme for the reinstatement of the tracks.

(e) A Full Mitigation Statement summarising all mitigation measures proposed for the cable works.

(f) A Route Access Report must be undertaken to establish that abnormal loads for the cable works can be transported through the trunk roads network safely and agreed with Transport Scotland. The report shall detail any measures temporary or otherwise required to be carried out and should establish that the transportation will not damage any structure along the route path to the cable route.

(g) A full cable route Construction and Temporary Works Schedule for the cable route works including plans showing all construction and temporary works, including any borrow pits. The schedule should take into account the following issues:

- Mitigation of wetlands
- Mitigation of peat
- Impact on private water supplies
- Schedule of watercourse crossings (including the River Deveron),
- Mitigation of flood risk

(h) A full cable route site specific Construction Environmental Management Plan (CEMP) for the cable works. The CEMP should address the following issues:

- Schedule of Environmental Commitments
- Pollution prevention measures
- Sediment management
- Environmental incidents
- Water management plan (terrestrial and freshwater)
- Wet weather management plan
- Site Waste Management Plan
- Drainage plan for SUDS for all relevant construction sites, including substations
- Appropriate training in the CEMP and PPGs
- References to relevant Method Statements

For the avoidance of doubt, detailed advice on the information to be submitted can be found in SEPA's consultation response (their ref:PCS/134435) Paragraph 4-11. Regulatory advice can be found in Paragraph 12.

(i) Full details of a programme of archaeological works in accordance with a written scheme of investigation for the cable route.

(j) A Phasing Plan outlining details of the phasing of all construction works of the cable route. Thereafter, cable works shall be undertaken in accordance with this approved Phasing Plan.

(k) Full details on the proposed cable route construction access route(s) for the cable works including the following:

- Vehicle swept paths for any abnormal load requirements;
- Phasing plan(s) for the cable works which confirms road improvement works required prior to commencement of each phase;
- Details of the construction access route to determine the locations of structures (e.g. bridges) and street furniture affected by any construction and/or abnormal load vehicle movements;
- Road improvements/strengthening (either temporary or permanent) required as a result of the survey;
- Details confirming locations of cable road crossings and proposed works.

Reason: Permission for the development has been granted in principle only and subsequent approval is required for these matters in accordance with Section 59 of the Town and Country Planning (Scotland) Act 1997 (as amended).

(l) A full cable route specific Drainage Impact Assessment (DIA) shall be submitted which should address the following issues.

- If surface water soakaways are to be used to disperse of surface water; testing and sizing calculations should be done by a suitably competent person and in accordance with BRE Digest 365 or Ciria Project Report 23. Consideration should also be made to the location of the soakaways to ensure a minimum distance of 5m from any building foundations or boundaries.
- If infiltration testing proves that the ground is impervious then suitable attenuation calculations should be provided to prove that on-site surface water drainage system has adequate storage capacity for a 30 year return period rainfall event. Prior to a controlled discharge into either an available watercourse or public sewer (to be agreed with Scottish Water), controlled to a pre-development run-off rate.
- Soakaway or Attenuation System construction details to be provided (including discharge control if necessary).
- A statement on how future maintenance of the proposed substation drainage system will be performed and confirmation of who will be responsible is also required.
- The 1 in 200 year flood boundary (as shown by SEPA's indicative flood map) extends into the substation area. Depending on where the two substations are to be located a Flood Risk Assessment (FRA) a Flood Risk Assessment may be required.
- A detailed drawing should be submitted indicating how surface water will be drained from the substation site.

(3) That the construction operations are limited to 07.00 - 19.00 Monday to Friday and 07.00 - 13.00 on Saturdays only and on Public Holidays. Any night-time operations should be subject to written details of the work times and any noise mitigation measures purposed

to be installed being approved by the Planning Department prior to the works commencing.

Reason: In order to protect the amenity of nearby and adjoining residents.

# Appendix 2 - Public Engagement Plan

For the purposes of community engagement, the works can be split into three distinct elements, each of which is likely to have different issues, driving different nature and intensity of communications.

In order to properly account for these differences, to avoid public consultation fatigue, and to enable communication to be designed to suit the needs of both community and project element, it is proposed to set up three discreet community liaison groups. Relevant community councils (CCs) will be invited to send one (or where appropriate, more) representatives to the liaison committee; relevant ward members of Aberdeenshire council will also be invited to participate.

Cable Landfall at Inverboyndie:

- Whitehills CC
- Banff & MacDuff CC

Underground Cable Route:

- Alvach & Foreglen CC
- Turriff & District CC
- Fyvie & Monquitter CC

Substation Site:

- Deer CC

Invitation to each community council to select a representative(s) will be made by letter, and initial liaison group meetings will be held in Spring 2015. Subsequent liaison group meetings will be held as appropriate to discourse of each of the three aspects of project development.

These proposals will allow local communities scope to establish engagement in ways best suited to them, rather than a developer-driven 'one size fits all' approach.