

Able Marine Energy Park

Material Change 2

Details of the Discharged Requirements of the Existing DCO

(referenced in response to question 1.0.5)











Schedule 11: Requirements

Pre-commencement Requirements	Responsibility	Progress
Stages of Authorised Development		
3. No part of the authorised development is to commence until a written scheme setting out all the stages of the authorised development has, after consultation with the highway authority, been submitted to and approved by the relevant planning authority.	Submission by: AHPL Approver: NLC Other Parties: Highway Authority	Discharged The approval will not be affected by any subsequent approval of Material Change 2
Detailed Design Approval		
5. Except where the authorised development is carried out in accordance with the drawings listed in paragraph 6, no authorised development may commence until details of the layout, scale and external appearance of the authorised development so far as they do	Submission by: AHPL	Discharged for Stage 1 – Killingholme Marshes Drainage Scheme (including the surface water pumping station).
not accord with the drawings listed in paragraph 6 have been submitted to and approved by the relevant planning authorities, and the authorised development must be carried out in accordance with the	Approver: NLC, ERYC	Discharged for Stage 3 – Cherry Cobb Sands Compensation Site.
approved details.	Other Parties: None	The approvals will not be affected by any subsequent approval of Material Change 2.
Provision of Landscaping		
8. No stage of the authorised development, other than tidal works, is to commence until a written landscaping scheme has been submitted to and approved by the relevant planning authority after consultation	Submission by: AHPL	Discharged for Stage 1 – Killingholme Marshes Drainage Scheme (including the surface water pumping station).



with National Grid. The landscaping scheme must include details of all proposed hard and soft landscaping works, including— (a) location, number, species, size and planting density of any proposed planting; (b) cultivation, importing of materials and other operations to ensure plant establishment; (c) proposed finished ground levels; (d) hard surfacing materials;	Approver: NLC, ERYC Other Parties: National Grid	Discharged for Stage 3 – Cherry Cobb Sands Compensation Site The approvals will not be affected by any subsequent approval of Material Change 2.
 (e) vehicular and pedestrian access, parking and circulation areas; (f) minor structures, such as furniture, refuse or other storage units, signs and lighting; (g) proposed and existing functional services above ground, including drainage, power and communications cables and pipelines and supports; (h) details of existing trees to be retained, with measures for their protection during the construction period; (i) retained historic landscape features and proposals for restoration, where relevant; and 		
(j) implementation timetables for all landscaping works. Trees		
9. No stage of the authorised development, other than tidal works, is to commence until written details of any proposed tree planting and the proposed times of planting have been approved by the relevant planning authority after consultation with National Grid; and all tree	Submission by: AHPL	Discharged for Stage 1 – Killingholme Marshes Drainage Scheme (including the surface water pumping station).
planting must be carried out in accordance with those details and at those times.	Approver: NLC, ERYC	Discharged for Stage 3 – Cherry Cobb Sands Compensation Site
	Other Parties: National Grid	The approvals will not be affected by any subsequent approval of Material Change 2.



Highway Access		
Highway Access 10.—(1) No stage of the authorised development is to commence until for that stage, written details of the siting, design and layout of any new permanent or temporary means of access to a public highway to be used by vehicular traffic, or any alteration to an existing means of access to a public highway used by vehicular traffic, has, after consultation with the relevant highway authority, Royal Mail Group Ltd and Centrica plc, been submitted to and approved by the relevant planning authority. (2) The undertaker must have regard to any consultation responses received. (3) The public highway accesses must be constructed, or, as the case may be, altered, in accordance with the approved details. (4) No stage of the authorised development is to commence until for that stage, a written scheme (the "Access Management Scheme") has, after consultation with the relevant highway authority, been submitted to and approved by the relevant planning authority. (5) The Access Management Scheme must be carried out in accordance with the approved details.	Submission by: AHPL Approver: NLC Other Parties: Royal Mail Group; Highway Authority; C.GEN	Discharged for Stage 1 – Killingholme Marshes Drainage Scheme (including the surface water pumping station). Discharged for Stage 3 – Cherry Cobb Sands Compensation Site The approvals will not be affected by any subsequent approval of Material Change 2.
Public Rights of Way 11.—(1) No stage of the authorised development is to commence that would affect North Lincolnshire Footpath 50 or East Riding of Yorkshire Paull Footpath 6 until a written implementation plan and specification for the making up of an alternative right of way has, after consultation with the relevant highway authority, been submitted to and approved by the relevant planning authority. (2) The alternative Footpath 50 and Paull Footpath 6 must be implemented in accordance with the relevant approved plan and specification.	Submission by: AHPL Approver: NLC, ERYC Other Parties: Highway Authority	Discharged for the diversion of FP50 and Paull FP6. The Implementation Plan for FP50 will need to be amended and resubmitted for approval subsequent to any approval of Material Change 2. The Implementation Plan for Faull Footpath 6 will not be affected by any subsequent approval of Material Change 2.
Fencing and Other Means of Enclosure		



12.—(1) No stage of the authorised development is to commence until, for that stage, written details of all proposed permanent and temporary fences, walls or other means of enclosure have been submitted to and approved by the relevant planning authority. (2) Any temporary fencing must be removed on completion of the authorised development. (3) Any approved permanent fencing of the authorised development must be completed before the authorised development is brought into use. Surface Water Drainage	Submission by: AHPL Approver: NLC, ERYC	Discharged for Stage 1 – Killingholme Marshes Drainage Scheme (including the surface water pumping station). Discharged for Stage 3 – Cherry Cobb Sands Compensation Site The approvals will not be affected by the approval of Material Change 2.
13.—(1) No stage of the authorised development is to commence until a detailed surface water drainage strategy (based on sustainable drainage principles and an assessment of the hydrological and hydrogeological context of the development, and including means of pollution control and funding arrangements) for that stage has been submitted to and approved by the local planning authority, after consultation with the Environment Agency, Anglian Water, E.ON and Centrica plc. (2) The undertaker must have regard to any consultation responses received. (3) The authorised scheme must be constructed in accordance with the approved surface water drainage strategy including any timetable embedded within it.	Submission by: AHPL Approver: NLC Other Parties: EA; Anglian Water; Uniper; C.GEN	Discharged for Stage 1 – Killingholme Marshes Drainage Scheme (including the surface water pumping station). Discharged for Stage 5 – The Quay The approval of Stage 1 will not be affected by the approval of Material Change 2. The approval of Stage 5 is likely to require a resubmission pursuant to any approval of Material Change 2
Foul Water Drainage	C.GEN	change 2
14.—(1) No stage of the authorised development is to commence until a detailed foul water drainage strategy (including means of pollution control and funding arrangements) for that stage has been submitted to and approved by the relevant local planning authority, after consultation with the Environment Agency, Anglian Water, E.ON and Centrica plc. (2) The undertaker must have regard to any consultation responses received. (3) The authorised scheme must be constructed in accordance with the	Submission by: AHPL Approver: NLC Other Parties: EA;	Discharged for Stage 1 – Killingholme Marshes Drainage Scheme (including the surface water pumping station). The approval will not be affected by the approval of Material Change 2.



approved foul water drainage strategy including any timetable embedded within it.	Anglian Water; Uniper; C.GEN	
River Basin Management		
15.—(1) The authorised development must not commence until a monitoring and management strategy document has been submitted to and approved by the Environment Agency, the purpose of such strategy document being to ensure that the authorised development is carried out in compliance with the water framework directive.	Submission by: AHPL Approver: EA	Discharged. The approval will not be affected by any subsequent approval of Material Change 2
Contaminated Land		
16.—(1) No stage of the authorised development is to commence until a written scheme applicable to that stage, to deal with the contamination of any land, including groundwater and ground gas, within the Order limits which is likely to cause significant harm to persons or pollution of controlled waters or the environment has, after consultation with the Environment Agency, been submitted to and approved by the relevant planning authority. (2) The scheme must include an investigation and assessment report, prepared by a suitably qualified person, to identify the extent of any contamination and the remedial measures to be taken to render the land fit for its intended purpose, together with a management plan which sets out long-term measures with respect to any contaminants remaining on the site. (3) Remediation must be carried out in accordance with the approved scheme and the management plan.	Submission by: AHPL Approver: NLC Other Parties: EA	Discharged for Stage 1 – Killingholme Marshes Drainage Scheme (including the surface water pumping station). Discharged for Stage 3 – Cherry Cobb Sands Compensation Site, The approvals will not be affected by any subsequent approval of Material Change 2.
Archaeology		



17.—(1) No stage of the authorised development is to commence until, for that stage, a written project design for the investigation of areas of archaeological interest as identified in chapters 18 and 40 of the environmental statement has been submitted to and approved by the relevant planning authority.	Submission by: AHPL Approver: NLC	Discharged for Stage 1 – Killingholme Marshes Drainage Scheme (including the surface water pumping station). Agreed with ERYC that no works are required for Stage 3 – Cherry Cobb Sands Compensation Site The approvals will not be affected by any subsequent approval of Material Change 2.
Listed Building		
18.—(1) No stage of the authorised development is to commence until a written management plan for the Killingholme North Low Lighthouse ('the building') has been submitted to and approved by the relevant planning authority, including the following— (a) a structural survey to be submitted to and approved by the relevant planning authority; (b) implementation of mitigation measures; (c) a schedule of repair works that ensure the long-term survival of the building; (d) an implementation timetable for all stages of work including timings to ensure that the mitigation measures and repair work are undertaken and completed in accordance with the plan; (e) monitoring arrangements with the relevant planning authority, including notification of the commencement of work; (f) details of all contractors to be involved in implementation of works to the building; and (g) details of the use of the building including proposals for community access and interpretation. (2) The management plan must be implemented as approved. Environmental Management and Monitoring Plans	by: AHPL	Discharged. Approval will not be affected by any subsequent approval of Material Change 2.



19.—(1) The authorised development must not commence until the compensation environmental management and monitoring plan reflecting the survey results and ecological mitigation and enhancement measures included in the environmental statement, has been submitted to and approved by Natural England after consultation with the Environment Agency and the relevant planning authority. (2) The authorised development must not commence until a marine environmental management and monitoring plan, reflecting the survey results and ecological mitigation and enhancement measures included in the environmental statement, has been submitted to and approved by the MMO after consultation with the Environment Agency, Natural England and the relevant planning authority. (3) The authorised development must not commence until a terrestrial environmental management and monitoring plan, reflecting the survey results and ecological mitigation and enhancement measures included in the environmental statement, has been submitted to and approved by Natural England after consultation with the Environment Agency and the relevant planning authority.	Submission by: AHPL Approver: NE MMO Other Parties: EA	All plans approved. The MEMMP would require re-submission pursuant to any subsequent approval of Material Change 2.
Code of Construction Practice		
22.—(1) No stage of the authorised development is to commence until a code of construction practice for that stage has been submitted to and approved by the relevant planning authority. (2) All construction works must be undertaken in accordance with the approved code.	Submission by: AHPL Approver: NLC, ERYC Other Parties: NE; EA; MMO	Discharged for Stage 1 – Killingholme Marshes Drainage Scheme (including the surface water pumping station). Discharged for Stage 3 – Cherry Cobb Sands Compensation Site, The approvals will not be affected by any subsequent approval of Material Change 2.
Design of Roads		



23.—(1) No stage of the authorised development consisting of the construction or alteration of a street which is a trunk road, including any traffic management and control measures, is to commence until written details of the design of the street have been submitted to and approved by the Highways Agency, after consultation with Centrica plc and Royal Mail Group Ltd. (2) The undertaker must have regard to any consultation responses received. (3) The authorised development consisting of the construction or alteration of the street and any traffic management and control measures must be carried out in accordance with the approved design. External Lighting	Submission by: AHPL Approver: NLC, ERYC Other Parties: NE; EA; MMO	All trunk road improvements have been completed pursuant to the implementation of The A160/A180 (Port of Immingham Improvements) Development Consent Order 2015. Material Change 2 has no impact on the Trunk Road network.
24.—(1) No stage of the authorised development is to commence until written details of any external lighting to be installed at any of the construction sites within that stage, including measures to prevent light spillage, have, after consultation with the highway authority and Natural England, been submitted to and approved by the relevant planning authority; and any approved means of lighting must subsequently be installed and retained for the duration of the construction period, and removed within 6 months of the completion of construction. (2) Sub-paragraph (1) is subject to any direction given to the undertaker by the harbour master or Trinity House. (3) The authorised development must not be brought into use until written details of any external lighting to be installed for operational purposes, including measures to prevent light spillage, have, after consultation with the highway authority and Natural England, been submitted to and approved by the relevant planning authority; and any		Discharged for Stage 1 – Killingholme Marshes Drainage Scheme (including the surface water pumping station). Discharged for Stage 3 – Cherry Cobb Sands Compensation Site, The approvals will not be affected by any subsequent approval of Material Change 2.
approved means of lighting must subsequently be installed and retained while the authorised development is in operation. Construction Traffic		



25.—(1) No stage of the authorised development is to commence until a written transport statement, including any road condition survey, temporary speed limits, lay-bys and details of the preferred route for that stage to be used by construction traffic on public highways, after consultation with the highway authority, Royal Mail Group Ltd and Centrica plc, has been submitted to and approved by the relevant planning authority. (2) The undertaker must have regard to any consultation responses received. (3) Notices must be erected and maintained throughout the period of construction at every construction site exit to a public highway, indicating to drivers the route agreed by the relevant planning authority for traffic entering and leaving the site.	Submission by: AHPL Approver: NLC, ERYC Other Parties: Highway Authority; Royal Mail; C.GEN	Discharged for Stage 1 – Killingholme Marshes Drainage Scheme (including the surface water pumping station). Discharged for Stage 3 – Cherry Cobb Sands Compensation Site, The approvals will not be affected by any subsequent approval of Material Change 2.
Control of Noise During Construction		
26.—(1) No stage of the authorised development is to commence until a written scheme for noise management during construction and maintenance of that stage has been submitted to and approved by the relevant planning authority. (2) The scheme must set out the particulars of—	Submission by: AHPL Approver:	Discharged for Stage 1 – Killingholme Marshes Drainage Scheme (including the surface water pumping station). Discharged for Stage 3 – Cherry Cobb Sands
 (a) the works, and the method by which they are to be carried out; (b) the noise attenuation measures to be taken to minimise noise resulting from the works, including any noise limits; and (c) a scheme for monitoring the noise during the works to ensure compliance with the noise limits and the effectiveness of the attenuation measures. (3) The approved noise management scheme must be implemented before and maintained during construction and maintenance of the relevant stage of the authorised development. (4) The construction and maintenance works must be undertaken in accordance with the approved noise management scheme. Control of Emissions 	NLC, ERYC	Compensation Site, The approvals will not be affected by any subsequent approval of Material Change 2.
Control of Emissions		



28.—(1) No stage of the authorised development is to commence until a written scheme for that stage— (a) for the management and mitigation of emissions from the authorised development of— (i) odour; (ii) artificial light; (iii) dust; (iv) smoke; and (v) steam; and (b) to ensure the prevention of infestation or emanation of insects from the authorised development, has been submitted to and approved by the relevant planning authority. (2) The approved scheme must be implemented before and maintained during the construction, operation and decommissioning of the relevant stage of the authorised development. (3) For the purposes of this requirement, "insects" excludes insects that are wild animals included in Schedule 5 to the Wildlife and Countryside Act 1981(a) (animals which are protected), unless they are included in respect of section 9(5) of that Act only.	Submission by: AHPL Approver: NLC, ERYC	Discharged for Stage 1 – Killingholme Marshes Drainage Scheme (including the surface water pumping station). Discharged for Stage 3 – Cherry Cobb Sands Compensation Site, The approvals will not be affected by any subsequent approval of Material Change 2.
Travel Plan		
29.—(1) No stage of the of the authorised development is to commence until, for that stage, after consultation with the highway authority, North East Lincolnshire Council, Royal Mail Group Ltd and Centrica plc, a construction travel plan, which must include details of the expected means of travel to and from the authorised development, road safety measures and any parking to be provided, has been submitted to and approved by the relevant planning authority. (2) No part of the authorised development is to be brought into use until, after consultation with the highway authority and Royal Mail	North east	Discharged for Stage 1 – Killingholme Marshes Drainage Scheme (including the surface water pumping station). Discharged for Stage 3 – Cherry Cobb Sands Compensation Site, The approvals will not be affected by any subsequent approval of Material Change 2.
	North east Lincolnshire	subsequent approval of Material Change 2.



parking to be provided, has been submitted to and approved by the relevant planning authority. (3) The plan approved under paragraph (1) must be implemented during the construction of the authorised development and the plan approved under paragraph (2) must be implemented within one month of the authorised development being brought into use and must continue to be implemented for as long as the authorised development is used. (4) The undertaker must have regard to any consultation response received. (5) The plans approved under paragraphs (1) and (2) must be reviewed at least once a year or such other period as is agreed by the relevant planning authority. Traffic Management Plan	Highway Authority; Royal Mail; C.GEN	
30.—(1) No stage of the of the authorised development is to commence until, for that stage, after consultation with the highway authority and North East Lincolnshire Council, a traffic management plan, which must include details of how traffic to and from the authorised development will be managed, has been submitted to and approved by the relevant planning authority. (2) The plan approved under paragraph (1) must be implemented during the construction and operation of the	Submission by: AHPL Approver: NLC, ERYC	Discharged for Stage 1 – Killingholme Marshes Drainage Scheme (including the surface water pumping station). Discharged for Stage 3 – Cherry Cobb Sands Compensation Site,
authorised development and must be reviewed every 6 months or such other period as is agreed by the relevant planning authority, following consultation with the highway authority and North East Lincolnshire Council.	Other Parties: Highway Authority; North East Lincolnshire Council	The approvals will not be affected by any subsequent approval of Material Change 2.
Requirement for Consent of Civil Aviation Authority and Ministry of Defence		



32. No stage of the authorised development is to commence until for that stage, after consultation with the Civil Aviation Authority and the Ministry of Defence, written details for the operation of the authorised development and its effect on radar have been submitted to and agreed by the relevant planning authority.	Submission by: AHPL Approver: NLC	Discharged for Stage 1 – Killingholme Marshes Drainage Scheme (including the surface water pumping station). Discharged for Stage 3 – Cherry Cobb Sands Compensation Site,
	Other Parties: CAA; MoD	The approvals will not be affected by the approval of Material Change 2.
Listed Buildings		
34. No stage of the authorised development is to commence until a listed building management plan applicable to that stage, which must include details of protection of any building referred to from vibration damage and the renovation or re-use of the building, has been submitted to and approved by the relevant planning authority in consultation with English Heritage. The management plan must be implemented as approved.	Submission by: AHPL Approver: NLC Other Parties: Historic England	Approved. Approval will not be affected by the approval of Material Change 2.
Cooling Water Intakes and Outfalls		
36.—(1) No development is to commence until a scheme for the monitoring of sedimentation along the lines of and in front of the Centrica and E.ON cooling intakes and outfalls has been submitted to and approved by the MMO, in consultation with the Environment Agency, Centrica plc and E.ON. (2) The scheme must include— (a) details of monitoring proposals, including location and frequency; and (b) details of trigger levels and resultant actions or mitigation required if trigger levels are exceeded.		Approved. Approval will not be affected by the approval of Material Change 2.



(3) Development must proceed in accordance with the approved scheme and any timetable contained in the scheme.	E.ON	
Sedimentation		
38.—(1) No development is to commence until a scheme for the monitoring of the foreshore and sediment levels around the quay has been submitted to and agreed by the MMO, in consultation with the Environment Agency, C.RO and E.ON. (2) Annual monitoring reports must be submitted to the MMO within 6 weeks of each anniversary of implementation up to 2033. (3) The approved monitoring scheme must be implemented and complied with at all times.	Submission by: AHPL Approver: MMO Other Parties: EA; Centrica; E.ON	Approved Approval will not be affected by the approval of Material Change 2.
39.—(1) No development is to commence until a scheme for the monitoring of sediment and siltation for Stone Creek has been submitted to and approved by the relevant planning authority, in consultation with the Stone Creek Boat Club and Sunk Island Parish Council, such scheme to include— (a) details of monitoring proposals, including location and frequency; and (b) details of trigger levels other pre-determined changes and remedial works required if these are exceeded or have taken place. (2) The Environment Agency must be consulted when any remedial works are required as set out in subparagraph (1)(b). (3) The methodology for any remedial works must be agreed with the Environment Agency in advance of any remedial works being undertaken where its operational activities or outfall structures at either Stone Creek or Keyingham Drain are shown by the monitoring results to have been affected. (4) Development must proceed in accordance with the approved scheme and timetable contained in it.	Submission by: AHPL Approver: ERYC Other Parties: Stone Creek Boat Club; Sunk Island Parish Council	Approved. Approval will not be affected by the approval of Material Change 2.
Contaminants and Remediation		



Environment Agency Requirements

AMEP MARINE ENERGY PARK MATERIAL CHANGE 2 EXAMINER'S QUESTIONS 3 – Q1.0.5

40.—(1) Prior to the commencement of the relevant stage of the	Submission	Discharged for Stage 1 – Killingholme Marshes
authorised development, the following components of a scheme to deal	by:	Drainage Scheme (including the surface water
with the risks associated with contamination of the site must each be	AHPL	pumping station).
submitted to, and approved by, the relevant planning authority:		
(a) a preliminary risk assessment which has identified—	Approver:	Discharged for Stage 3 - Cherry Cobb Sands
(i) all previous uses;	NLC, ERYC	Compensation Site,
(ii) potential contaminants associated with those uses;		
(iii) a conceptual model of the site indicating sources, pathways and		The approvals will not be affected by the approval
receptors; and		of Material Change 2.
(iv) potentially unacceptable risks arising from contamination at the		
site;		
(b) a site investigation scheme, based on sub-paragraph (a) to provide		
information for a detailed assessment of the risk to all receptors that		
may be affected, including those off site;		
(c) the results of the site investigation and detailed risk assessment		
referred to in subparagraph (b) and, based on these, an options		
appraisal and remediation strategy giving full details of the remediation		
measures required and how they are to be undertaken;		
(d) a verification plan providing details of the data that will be collected		
in order to demonstrate that the works set out in the remediation		
strategy in sub-paragraph (c) are complete and identifying any requirements for longer-term monitoring of pollutant linkages,		
maintenance and arrangements for contingency action.		
(2) The scheme must be implemented as approved, and any changes		
to these components require the agreement of the relevant planning		
authority.		
danoneji		



43 (3) No development is to commence until a scheme to compensate for the impacts of piling noise on migratory salmon from the construction of the authorised development has been agreed with the Environment Agency. This must include, but is not limited to, a monitoring scheme to ensure the intended benefits of the scheme are realised and necessary actions are taken. (4) No development is to commence until an assessment of the impacts on Stone Creek, Cherry Cobb Sands Creek and Keyingham Drain has been submitted to and agreed by the relevant planning authority, in consultation with the Environment Agency, together with an outline scheme of remedial action if the impacts on those locations should be	Submission by: AHPL Approver: EA ERYC	43(3) An Agreement has been signed by AHP, EA and Trent Rivers Trust to compensate for the impacts of piling noise on migratory salmon. 43(4) Discharged Approvals will not be affected by the approval of Material Change 2.
44.—(1) No development is to commence until the detailed design of the Regulated Tidal Exchange ("RTE") sluices has been submitted to and approved by the relevant planning authority, in consultation with the Environment Agency. (2) The detailed design information must include the size and flow capacity of the sluices within the RTE scheme. (3) No development is to commence until the detailed design of the channel leaving the Managed Realignment site and the invert level has been submitted to and approved by the relevant planning authority, in consultation with the Environment Agency, to include detailed design drawings, including dimensions. (4) The discharge channel exiting the realignment site must be no larger than that currently presented and assessed in EX 28.3 Part 3 (11.6 metres bed width (invert level 1.5 metres AOD) with 1V:3H side slopes rising to an edge weir level of 2.0 metres AOD), unless otherwise agreed with the Environment Agency. (5) The invert level of the drainage channel must be no higher than that currently presented and assessed in EX28.3 Part 3, Final		Discharged. Approval will not be affected by the approval of Material Change 2.



Compensation Proposals, October 2012, (1.5 metres AOD), unless	
agreed otherwise in writing with the Environment Agency.	