

STAGE 1 – INITIAL EIA SCREENING ASSESSMENT

1 Case Details	
A	Case reference 3155507
B	Brief description of development Temporary installation of a Short Term Operational Reserve (STOR) circa 40MW (20x dual fuel gas / bio-fuel generators).
C	Date of Screening Direction request 28/07/2016
<i>If appeal is in relation to an application lodged or received before March 1st 2016, then 1999 EIA Regulations apply</i>	
2 EIA Screening Details	
2A Schedule 1	
	Is the project Schedule 1 development as described in Schedule 1 of the EIA Regulations? No
	<i>If Yes, under which description of development? If No, consider whether project is 'Schedule 2' development below in part 2(B).</i>
2B Schedule 2	
(i)	Is the project listed as a description of development under Column 1 of Schedule 2 of the EIA Regulations? N/A <i>If Yes, under which description of development? If No, EIA is not required.</i>
	Screening Direction Request for a DNS project.
(ii)	Does the project change or extend development described in paragraphs 1 to 12 of Column 1 of schedule 2, where the change or extension may have significant adverse effects on the environment? N/A <i>If Yes, provide reasons for your answer below. Proceed to point (iii).</i>
	N/A - not a change or extension
(iii)	Is the project located wholly or partly within a 'Sensitive Area' as defined by Regulation 2 of the EIA Regulations? No <i>If Yes, state which area. If No, proceed to point (iv) below.</i>
(iv)	Are the applicable thresholds/criteria in Column 2 exceeded / met? N/A <i>If Yes, note which applicable threshold/criteria. If No, EIA is not required.</i>
	Screening Direction request for DNS project.

3	LPA / Welsh Ministers' Screening	
(i)	Has the LPA issued a Screening Opinion (SO)?	No
(ii)	Have the Welsh Ministers issued a Screening Direction (SD)?	No
4	Environmental Statement (ES)	
	Has the applicant/appellant supplied an ES for the current or previous (if reserved matters or conditions) application?	No

6	Detailed Screening Questions	
Questions to be considered	Yes/No/Unknown – provide description	For 'Yes/Unknown', are effects likely to be significant?
CRITERION 1. CHARACTERISTICS OF DEVELOPMENT		
Question 1(a) Size of the Development		
Will construction, operation or decommissioning of the Project involve actions which will cause physical changes in the locality (topography, land use, changes in waterbodies, etc.)?	Yes – no major engineering works, but installation of hardstanding and siting of equipment. Change of use of 0.49 ha (including access track) from agriculture to electricity generating station.	Unlikely significant effect due to nature and scale of development.
Question 1(b) Cumulation with Other Development		
Are there any other factors which should be considered such as: <ul style="list-style-type: none"> consequential development which could lead to environmental effects? the potential for cumulative impacts with other existing or planned activities in the locality? any plans for future land uses on or around the location which could be affected by the project? transfrontier impacts? 	No	
Question 1(c) Use of Natural Resources		
Will construction or operation of the Project use natural resources such as land, water, materials or energy, especially any resources which are non-renewable or in short supply?	Yes. Some materials used in construction and decommissioning. Use of the STOR will consume bio-fuel and	The materials consumed in construction / decommissioning should be limited due to the scale of the project. As a STOR, the

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Questions to be considered	Yes/No/Unknown – provide description	For 'Yes/Unknown', are effects likely to be significant?
	/ or gas.	development should be used in time of peak electricity demand; this should mean intermittent short bursts of operation (no more than a few hours at a time). Unlikely significant effect on resource consumption during operation.
Question 1(d) Production of Waste		
Will the Project produce solid wastes during construction or operation or decommissioning?	Yes. Some waste will be produced during construction / decommissioning. Minimised by use of best practice.	Unlikely significant effect due to scale of project.
Question 1(e) Pollution and Nuisances		
Will the Project involve use, storage, transport, handling or production of substances or materials which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health?	Yes – bio-fuel. NRW's consultation response (August 2015) reveals that the site lies within 90m of a Source protection Zone. NRW confirm that the development should include robust mitigation measures. The LPA consultation response (August 2016) also highlights the need for additional information with regards to leaching.	Unknown at this time. Request additional information on mitigation measures for transport, storage & use of fuel.
Will the Project cause noise and vibration or release of light, heat energy or electromagnetic radiation?	Yes – some during construction and decommissioning. During operation there will be noise generated by the 20 generators.	The nearest residential property is approximately 270m away. On the basis of the information before me at this time, I consider any noise impacts on nearby residents are unlikely to be significant in terms of the EIA Regs. However, there is

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		a nearby cemetery. Impacts at that location are unknown at this time.
Will the Project release pollutants or any hazardous, toxic or noxious substances to air , or lead to risks of contamination of land or water (including surface waters, groundwater, coastal waters or the sea)?	Yes. The dual fuel generators will cause air pollution. At this stage I have no detailed information as to the likely impacts of the 20 x generators in operation in the context of the proposed location.	Unknown at this time. Request additional information on air quality.
Question 1(f) Risk of accidents, having regard in particular to substances or technologies used		
Will there be any risk of accidents during construction or operation of the Project which could affect human health or the environment?	Yes. Some risk of accident. Minimised through use of best practice.	In the absence of any methodology statement or detailed mitigation measures, it is difficult to assess this in relation to the proposal at this time.
CRITERION 2. LOCATION OF DEVELOPMENT		
Question 2(a) Existing Land Use		
Will the Project result in social changes, for example, in demography, traditional lifestyles, employment?	No.	
Are there any routes or facilities on or around the location, which are used by the public for access to recreation or other facilities, which could be affected by the project?	No.	
Are there any transport routes which are susceptible to congestion or which cause environmental problems, which could be affected by the project?	No.	
Is the project located in a previously undeveloped area where there will be loss of greenfield land?	Yes – loss of approximately 0.49 ha of greenfield land.	Due to scale of development, unlikely significant effect.
Are there any areas on or around the location occupied by land uses which could be affected by the project, particularly sensitive land uses e.g. hospitals, schools, places of worship, community facilities?	Yes – Pencoed Cemetery is approx. 160m from the site.	Unknown at this stage what the noise impacts on users of the cemetery would be. Request further information on Noise.
Question 2(b) Relative Abundance, Quality and Regenerative Capacity of Natural Resources in the Area		

6	Detailed Screening Questions	
Questions to be considered	Yes/No/Unknown – provide description	For 'Yes/Unknown', are effects likely to be significant?
<p>Are there any areas on or around the location which contain important, high quality or scarce resources e.g. groundwater, surface waters, forestry, agriculture, fisheries, tourism, minerals, which could be affected by the project?</p>	<p>Yes – Groundwater source protection zone. NRW's consultation response (August 2015) reveals that the site lies within 90m of a Source protection Zone. NRW confirm that the development should include robust mitigation measures. The LPA consultation response (August 2016) also highlights the need for additional information with regards to leaching.</p>	<p>Unknown at this time. Request additional information on mitigation measures for transport, storage & use of fuel.</p>
Question 2(c) Absorption Capacity of the Natural Environment		
<p>Are there any other areas on or around the location which are important or sensitive for reasons of their ecology, or are used by protected, important or sensitive species of fauna or flora, which could be affected by the project?</p>	<p>No – separation distance to nearby SSSI (Brynn A Wern Tarw) is over 1km.</p>	
<p>Are there any inland, coastal, marine or underground waters on or around the location which could be affected by the project?</p>	<p>Yes – Ewenni Fach river lies close by (approx. 250m from energy generation area)</p>	<p>Unknown at this time. Request additional information on mitigation measures for transport, storage & use of fuel.</p>
<p>Are there any areas or features of high landscape or scenic value on or around the location which could be affected by the project?</p>	<p>No</p>	
<p>Is the project in a location where it is likely to be highly visible to many people?</p>	<p>No</p>	
<p>Are there any areas on or around the location which are densely populated or built-up, which could be affected by the project?</p>	<p>No</p>	
<p>Are there any areas or features of historic or cultural importance on or around the location which could be affected by the project?</p>	<p>No</p>	

6	Detailed Screening Questions	
Questions to be considered	Yes/No/Unknown – provide description	For 'Yes/Unknown', are effects likely to be significant?
Are there any areas on or around the location which are already subject to pollution or environmental damage e.g. where existing legal environmental standards are exceeded, which could be affected by the project?	No	
Is the project location susceptible to subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions, which could cause the project to present environmental problems?	Yes. As confirmed by NRW, access to the site and the south eastern part of site (including location marked for generators) lie within Flood Zone C2.	

Statement of reasons

Consultation responses received from LPA and NRW. NRW raise some areas of concern. While the LPA state they do not consider a full ES is required, they state that further information is needed on some matters. In such circumstances it remains open to direct that EIA is required, and then Scope out any unnecessary information from the ES. At this stage it is considered more reasonable to request further information to try and complete the Screening assessment fully.

At this time it is not possible to establish the likelihood of significant effects in relation to:

- *Mitigation measures with regards to fuel transportation / storage and use*
- *Noise impacts*
- *Air quality*

Further information required. Clarification of exact type of bio-fuel and generators also needed.

7	Outcome of assessment	
(ii)	If a SO/SD has been provided do you agree with it?	No
(iii)	Is EIA required?	Choose an item.
Outcome		Action
Further information required		Issue request under Regulation 6(3) of 2016 regs
Name and Job Title of Assessor	<i>Rob Sparey</i>	

Date of Assessment	26 August 2016
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