

STAGE 1 – INITIAL EIA SCREENING ASSESSMENT

1 Case Details	
A	Case reference 3155507
B	Brief description of development Proposed temporary installation of a circa 40MW Gas powered energy plant (Short Term Operational Reserve)
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? Yes
	<i>If Yes, under which description of development? If No, EIA is not required.</i>
	3(a)
(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? No
	<i>If Yes, provide reasons for your answer below. *If unsure, discuss with PET. Proceed to point (iii).</i>
	Choose an item.
(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 and more to Question 3. If No, proceed to point (iv) below.</i>
(iv)	Are the applicable thresholds/criteria in Column 2 exceeded / met? No
	<i>If Yes, note which applicable threshold/criteria. If No, EIA is not required.</i>

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

Is a detailed screening assessment (Section 5) required? – EIA Screening Request for DNS Development

If Yes has been answered in response to either 2B(iii) or 2B(iv), send to relevant team to undertake detailed screening assessment.

If No has been answered for both questions, or the questions are not applicable, start appeal.

Sign-off

Signature	<i>Rob Sparey</i>
Date	19 October 2017

STAGE 2 – DETAILED EIA SCREENING ASSESSMENT

As per Schedule 3, Para 3: When considering the potential impact, take into account; (a) magnitude / spatial extent / population likely to be affected; (b) nature of impact; (c) transboundary nature; (d) intensity & complexity; (e) probability; (f) expected onset / duration / frequency & reversibility; (g) cumulation with existing and / or approved development; (h) the possibility of effectively reducing the impact.

5 Detailed Screening Questions		
Questions to be considered	Yes/No/Unknown – provide description	For 'Yes/Unknown', are effects likely to be significant? <i>Include consideration of features or measures to avoid or prevent what might otherwise be significant effects</i>
CRITERION 1. CHARACTERISTICS OF DEVELOPMENT		
Question 1(a) Size and design of the Development		
Will construction, operation or decommissioning of the Project involve actions which will cause physical changes in	Yes – no major engineering works, but installation of hardstanding and siting of equipment. Change of use of 0.49 ha	Unlikely significant effect due to nature and scale of development.

5	Detailed Screening Questions	
Questions to be considered	Yes/No/Unknown – provide description	For 'Yes/Unknown', are effects likely to be significant?
the locality (topography, land use, changes in waterbodies, etc.)?	(including access track) from agriculture to electricity generating station.	
Question 1(b) Cumulation with Existing and/or Approved Development		
<p>Are there any other factors which should be considered such as:</p> <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, in particular land, soil, water and biodiversity		
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 / gas	The materials consumed in construction / decommissioning should be limited due to the scale of the project. As a STOR, the 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.

5	Detailed Screening Questions	
Questions to be considered	Yes/No/Unknown – provide description	For 'Yes/Unknown', are effects likely to be significant?
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?	No – original screening request indicated diesel / biofuel would be used, but updated request indicates natural gas will be used instead.	Unlikely significant effect.
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 a nearby cemetery. Impacts at that location are unknown at this time. On balance, noise can be addressed at application stage and controlled via suitable conditions if necessary. Unlikely significant effect.
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 gas generators will cause some 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.	On balance, the effects are unlikely to be significant.
Question 1(f) Risk of major accidents and/or disasters relevant to the development concerned, including those caused by climate change, in accordance with scientific knowledge		
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.	Unlikely significant effect.

5	Detailed Screening Questions	
Questions to be considered	Yes/No/Unknown – provide description	For 'Yes/Unknown', are effects likely to be significant?
Question 1(g) Risks to Human Health (for example due to water contamination or air pollution)		
Will there be any risk to human health during the construction and/or operation of the development	No	
CRITERION 2. LOCATION OF DEVELOPMENT		
Question 2(a) Existing and Approved 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. On balance, noise can be addressed at application stage and controlled via suitable conditions if necessary. Unlikely significant effect.
Question 2(b) Relative Abundance, Availability Quality and Regenerative Capacity of Natural Resources in the Area and its Underground		
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,	Yes – Groundwater source protection zone. NRW's consultation response (August 2015) reveals that the site lies within 90m of a Source protection Zone. However, the	Unlikely significant effect.

5	Detailed Screening Questions	
Questions to be considered	Yes/No/Unknown – provide description	For 'Yes/Unknown', are effects likely to be significant?
tourism, minerals, which could be affected by the project?	change from dual fuel to gas generation should minimise the risk of any impact on groundwater.	
Question 2(c) Absorption Capacity of the Natural Environment		
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?	No – separation distance to nearby SSSI (Brynna A Wern Tarw) is over 1km.	
Are there any inland, coastal, marine or underground waters on or around the location which could be affected by the project?	Yes – Ewenni Fach river lies close by (approx. 250m from energy generation area). However, the change from dual fuel to gas generation should minimise the risk of any impact on groundwater.	Unlikely significant effect.
Are there any areas or features of high landscape or scenic value on or around the location which could be affected by the project?	No	
Is the project in a location where it is likely to be highly visible to many people?	No	
Are there any areas on or around the location which are densely populated or built-up, which could be affected by the project?	No	
Are there any areas or features of historic or cultural importance on or around the location which could be affected by the project?	No	
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,	No	

5	Detailed Screening Questions	
Questions to be considered	Yes/No/Unknown – provide description	For 'Yes/Unknown', are effects likely to be significant?
which could be affected by the project?		
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?	Access and small part of the site lie within flood zone C2	Unlikely significant effect.
Has there already been a failure to meet environmental quality standards that is relevant to the project?	No	

Statement of reasons – insert into Screening Direction

The revised proposal for gas fuelled electricity generation in this location falls below the relevant threshold in Schedule 2 of the 2017 EIA Regs. The matters which caused concern in the previous assessment have been addressed by the change in fuel from dual fuel generators to gas fuelled generators. As is standard in STOR proposals, the installation would only be operational for limited periods, so operational effects will be for limited / sporadic duration. This project is unlikely to have any significant effects in terms of the 2017 EIA Regulations.

6	Outcome of assessment	
(ii)	If a SO/SD has been provided do you agree with it?	N/A
(iii)	Is EIA required?	No
Outcome		Action
Schedule 2 development – threshold exceeded / criterion NOT met; assessment completed due to it being a DNS; conclusion not likely to have significant effects on the environment		Issue direction stating EIA Not Required (Letter 1)
Name and Job Title of Assessor	Robert Sparey: Planning & Environment Manager	
Date of Assessment	19 October 2017	