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Victoria Seller,
Permitting Service,
Natural Resources Wales,
Cambria House,
29 Newport Road,
Cardiff,
CF24 0TP

Date: 21st November 2016

Our Ref: SOL1605BUK201

Dear Ms Seller,

RE: BIOMASS POWER NO.2 LTD – Barry Energy Production Facility – PAN-000869

Further to your letter dated 10th November 2016 please find below our formal responses to each of the questions in turn.

OPRA

In relation to the Opra spreadsheet submitted. The current version of Opra, as provided on our website, has not been used and therefore the application fee is incorrect. Please resubmit the Opra spreadsheet using the current version and arrange for payment of the additional portion of the application fee of £805.

Please find an updated OPRA assessment in Annex 1 of this document. An Excel version is also attached the email containing this letter.

The additional payment of £805 was paid by electronic transfer on 11/11/2016. The payment reference is EPR/PAN000869.

Form F

In relation to section 5 of application form Part F, you have indicated that you would like us to treat the information in the application as confidential, however, you haven't included any justification with your application. Please provide justification for this request.

No information in the application needs to be treated as confidential. This was an error and an updated Part F Form has been provided within Annex 2.

Site Plan

In relation to the site plan (document ref. BUK202), the background features are indistinct and as such it is not possible to determine where the installation is located in relation to its surrounds. Please re-submit a site plan that clearly shows the features of the installation (including emission points and installation boundary) in the context of its surrounding area.

Please refer to the updated Site Plan provided within Annex 3 of this document.

Operator

In relation to the operator, Biomass UK No. 2 Ltd., and based on discussions at the pre-application meeting held in February this year, the application doesn't adequately demonstrate that this company will have control over operation of the installation. Please demonstrate that Biomass UK No. 2 Ltd. will have control of the installation using the guidance given in the Environment Agency document 'RGN 1: Understanding the Meaning of Operator.'

Biomass UK No.2 Ltd will be the operator of the facility and will have control over the operation of the installation.

Please refer to the organigram provided in Annex 4 of this document for more information.

Should you have any further questions in relation to the above please do not hesitate to contact me.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'S. Butler', with a long horizontal stroke extending to the right.

Steve Butler

ANNEX 1: OPRA ASSESSMENT

Operational Risk Appraisal (Opra) for Installations under EPR



Organisation Name **Biomass UK Power No.2 Ltd**

Case Number **SOL1605BUK201**

Version **NRW V1**

Opra Scheme **NRW V1**

Full instructions for the use of this spreadsheet are contained in the accompanying documentation. It is recommended that the user fills in the spreadsheet following the order of worksheets listed below (click on the appropriate tab at the bottom of the screen). Not all worksheets require input, for those that do, the fields that may require input have no background colour. The sequence of worksheets is divided into two sections Sheets 1 to 11 are concerned with the input of data. Sheet 12 is the summary for the Opra Scores and Sheet 13 displays the charges.
If you cannot see the whole of this box or it is very small, please click 'View' and adjust 'Zoom' level.

1 Listed Activities

Please refer to the Opra Scheme for Installations for the look-up tables and guidance. Use abbreviated descriptions, select the Schedule 1 references and bands from the pick lists provided.

2 Other Activities

Please enter Part A(2), Part B and aggregated activities onto this sheet.

3 Complexities

Summary of complexities and rules applied

4 Emissions to Air

5 Emissions to Water

6 Emissions to Land

7 Emissions to Sewer

8 Emissions to Waste

9 Emissions Summary

No input is required. Output screen only. Summary of emissions.

10 Location

11 Operational Management

12 Opra Summary

No input is required. Output screen only. The emissions are shown separately.

13 Calculation

No input is required. Charges with separate emissions totals. It is possible to clear the scores and recalculate the charges to include any amendments.

For EA Use

Consolidated Permit

Listed Activities - Complexity Attribute

Organisation:	Biomass UK Power No.2 Ltd
Case Number:	SOL1605BUK201

	Description of Activity	Schedule 1 Reference	Regulatory Complexity
1	Combustion	5.1 Part A (1) b)	E
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			

Totals before any rules are applied	
A	0
B	0
C	0
D	0
E	1

If there is insufficient space please attach a paper record

If Rule 4 applies - please complete Other Activities sheet

Aggregation and Schedule1 Part A(2) and Part B Activities

Organisation Name:	Biomass UK Power No.2 Ltd	If there is insufficient space please attach a paper record
Case Number:	SOL1605BUK201	

Schedule 1 Part A(1) - Rule 4 Aggregation Details

	Aggregation Group	Description	Schedule 1 Ref	Complexity
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

Rule 4	Not Applied
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List of Schedule 1 Part (A) 2 and Part B Activities included in the Installation

	Enter description of Activity	Schedule 1 Reference
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		

EPR- Installations Charging Scheme Complexity - Application of Rules

Company	Biomass UK Power No.2 Ltd
Permit	SOL1605BUK201

	Description / Aggregation Group	Schedule 1 Ref	Complexity	Rule 3 Capping	Rule 5 not applied	Rule 6 not applied	Rule 7 Not Applied
1	Combustion	5.1 Part A (1) b)	E	E	E	E	E
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Summary of Rules Applied	
Rule 3	No
Rule 4	No
Rule 5	No
Rule 6	No
Rule 7	No

These totals will be carried forward and used to calculate the Opra Risk Summary and Calculation of Charges

Scores after Rules applied (Used for calculation of Charges)			
Complexity	First 6 Complexities	Remaining complexities	Total
A	0	0	0
B	0	0	0
C	0	0	0
D	0	0	0
E	1	0	1
Capped	0	0	0

Scores before rules applied (Used for summary of Risk)
0
0
0
0
1

Emissions Attribute - Releases to Air

Organisation Name:	Biomass UK Power No.2 Ltd
Case Number:	SOL1605BUK201

Please check that the data is entered in the correct units.
The Emission Index will only show if the data entered exceeds the threshold.

Please tick box if this sheet is applicable

Substance	Units	Emission Threshold	Maximum Quantity	Emission Index	Notes
Oxides of Sulphur	Tonnes Year	10	37.4	4	
Oxides of Nitrogen	Tonnes Year	10	135.6	14	
Carbon Monoxide	Tonnes Year	1000		0	
Beryllium	Kg year	1		0	
Cadmium	Kg year	1		0	
Lead	Kg year	1		0	
Mercury	Kg year	1		0	
Antimony	Kg year	10		0	
Arsenic	Kg year	10		0	
Chromium	Kg year	10		0	
Nickel	Kg year	10		0	
Selenium	Kg year	10		0	
Other Metals Specify					
	Kg year	100		0	
	Kg year	100		0	
	Kg year	100		0	
	Kg year	100		0	
	Kg year	100		0	
Organic Compounds					
Dioxins and Furans	mg TEQ year	0.1		0	
PCBs	mg TEF year	0.1		0	
PAHs as benzo(a)pyrene	Kg year	1		0	
Phosgene	Kg year	1		0	
Isocyanates	Kg year	1		0	
Di-ethyl sulphate	Kg year	1		0	
Di-methyl sulphate	Kg year	1		0	
Acrylonitrile	Kg year	10		0	
Aniline	Kg year	10		0	
Benzene	Kg year	10		0	
Benzyl Chloride	Kg year	10		0	
1-chloro-2,3-epoxypropane	Kg year	10		0	
Chloroform	Kg year	10		0	
Cyanamide	Kg year	10		0	
Ethylene oxide	Kg year	10		0	
Formaldehyde	Kg year	10		0	
Maleic anhydride	Kg year	10		0	
Nitrobenzene	Kg year	10		0	
Allyl alcohol	Kg year	10		0	
Acetaldehyde	Kg year	100		0	
Acetonitrile	Kg year	100		0	
Benzene-1,2,4-tricarboxylic acid, 1,2-anhydride	Kg year	100		0	
1,3-butadiene	Kg year	100		0	
Chloroethene	Kg year	100		0	
1,2-dichloroethane	Kg year	100		0	
Dimethylformamide	Kg year	100		0	
1,4-dioxane	Kg year	100		0	
2-ethoxyethanol	Kg year	100		0	
2-ethoxyethylacetate	Kg year	100		0	
Ethyl acrylate	Kg year	100		0	
Iodomethane	Kg year	100		0	
Methylamine	Kg year	100		0	
2-nitropropane	Kg year	100		0	
Phenol	Kg year	100		0	

Emissions Attribute - Releases to Water

Organisation Name:	Biomass UK Power No.2 Ltd	Please check that the data is entered in the correct units.
Case Number:	SOL1605BUK201	The Emission Index will only show if the data entered exceeds the threshold.

Please tick box if this sheet is applicable

Substance	Units	Emission Threshold	Maximum Quantity	Emission Index	Notes
Aldrin	Kg year	0.001		0	
Azinphos-ethyl	Kg year	0.001		0	
DDT all isomers	Kg year	0.001		0	
Endosulfan	Kg year	0.001		0	
Endrin	Kg year	0.001		0	
Fenitrothion	Kg year	0.001		0	
Fenthion	Kg year	0.001		0	
Isodrin	Kg year	0.001		0	
Malathion	Kg year	0.001		0	
Parathion	Kg year	0.001		0	
Azinphos-methyl	Kg year	0.01		0	
Chlorfenvinphos	Kg year	0.01		0	
Diazinon	Kg year	0.01		0	
Dieldrin	Kg year	0.01		0	
Hexachlorobenzene	Kg year	0.01		0	
Hexachlorocyclohexanes	Kg year	0.01		0	
Hexachlorobutadiene	Kg year	0.01		0	
Mevinphos	Kg year	0.01		0	
Omethoate	Kg year	0.01		0	
Parathion methyl	Kg year	0.01		0	
Permethrin	Kg year	0.01		0	
Polychlorinated biphenyls	Kg year	0.01		0	
Triazophos	Kg year	0.01		0	
Tributyltin compounds	Kg year	0.01		0	
Trifluralin	Kg year	0.01		0	
Triphenyltin compounds	Kg year	0.01		0	
Atrazin	Kg year	0.1		0	
Pentachlorophenol and its compound	Kg year	0.1		0	
Simazine	Kg year	0.1		0	
Trichlorobenzene all isomers	Kg year	0.1		0	
Benzene	Kg year	1		0	
Bentazone	Kg year	1		0	
Biphenyl	Kg year	1		0	
Carbon Tetrachloride	Kg year	1		0	
Chloroform	Kg year	1		0	
Chloronitrotoluenes	Kg year	1		0	
4-Chloro-3-Methylphenol	Kg year	1		0	
2-Chlorophenol	Kg year	1		0	
2,4 D non-ester	Kg year	1		0	
2,4 D ester	Kg year	1		0	
Demeton	Kg year	1		0	
1,2-Dichloroethane	Kg year	1		0	
Dimethoate	Kg year	1		0	
Linuron	Kg year	1		0	
Mecoprop	Kg year	1		0	
Napthalene	Kg year	1		0	
Tetrachloroethylene	Kg year	1		0	
1,1,1-Trichloroethane	Kg year	1		0	
1,1,2-Trichloroethane	Kg year	1		0	
Cadmium	Kg year	1		0	
Mercury	Kg year	1		0	
Nonylphenol Ethoxylate	Kg year	20		0	
Nonylphenols	Kg year	20		0	
Octylphenols	Kg year	20		0	
Toluene	Kg year	20		0	
1,2-Dichloroethylene	Kg year	20		0	
Xylenes	Kg year	20		0	
Arsenic	Kg year	20		0	
Chromium	Kg year	20		0	

Copper	Kg year	20		0
Lead	Kg year	20		0
Nickel	Kg year	20	sions to wa	0
Zinc	Kg year	20		0
All consented substances not listed above specify				
Table W1 Substances	Kg year	0.01		0
Table W2 Substances	Kg year	0.1		0
Table W3 Substances	Kg year	1		0
Table W4 Substances	Kg year	20		0
Table W5 Substances	Kg year	100		0
	Kg year			0
	Kg year			0
	Kg year			0
Commercial in Confidence				
If you need to use these entries please contact your local EA office				
				0
				0
				0
				0
			Total	0

Emissions Attribute Releases to Land

Organisation Name: ass UK Power No.2 Ltd
Case Number: SOL1605BUK201

Please check that the data is entered in the correct units.
 The Emission Index will only show if the data entered exceeds the threshold.

Please tick box if this sheet is applicable

Substance/Landfill Type	Units	Emission Threshold	Maximum Quantity	Emission Index	Notes
Inert waste	Tonnes year	1000		0	
Non hazardous waste (non biodegradable)	Tonnes year	350		0	
Hazardous waste	Tonnes year	100		0	
Non hazardous waste (biodegradable)	Tonnes year	100		0	
			Total	0	

Emissions Attribute - Off-site Disposals of Waste

Organisation Name: Pass UK Power No.2 Ltc
Case Number: SOL1605BUK201

Please check that the data is entered in the correct units.
 The Emission Index will only show if the data entered exceeds the threshold.

Substance	Units	Emission Threshold	Maximum Quantity	Emission Index	Notes
Inert waste	Tonnes year	1000		0	
Non hazardous waste (non biodegradable)	Tonnes year	350		0	
Hazardous waste	Tonnes year	100		0	
Non hazardous waste (biodegradable)	Tonnes year	100		0	
Total				0	
Weighting Factor					(Weighting factor = 0.33)
Weighted Total				0	

Emissions Attribute - Off-site Recovery, Recycling, Re-use of Waste

Company Pass UK Power No.2 Ltc
Permit SOL1605BUK201

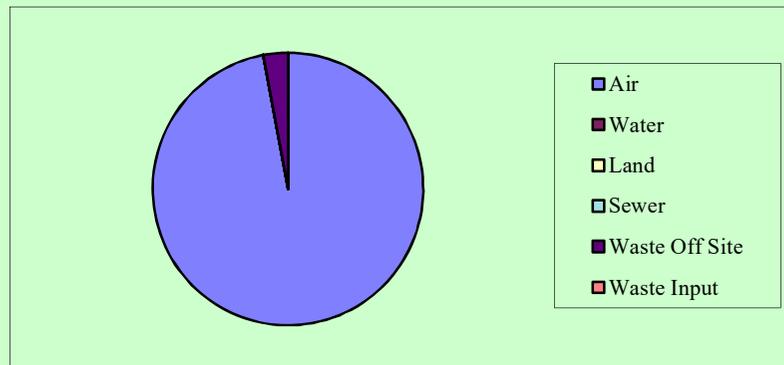
Please check that the data is entered in the correct units.
 The Emission Index will only show if the data entered exceeds the threshold.

Substance	Units	Emission Threshold	Maximum Quantity	Emission Index	Notes
Inert waste	Tonnes year	1000		0	
Non hazardous waste (non biodegradable)	Tonnes year	350	496	1	
Hazardous waste	Tonnes year	100	2072	21	
Non hazardous waste (biodegradable)	Tonnes year	100	3944	39	
Total				62	
Weighting Factor					(Weighting factor = 0.1)
Weighted Total				6	
Off-Site Total				6	

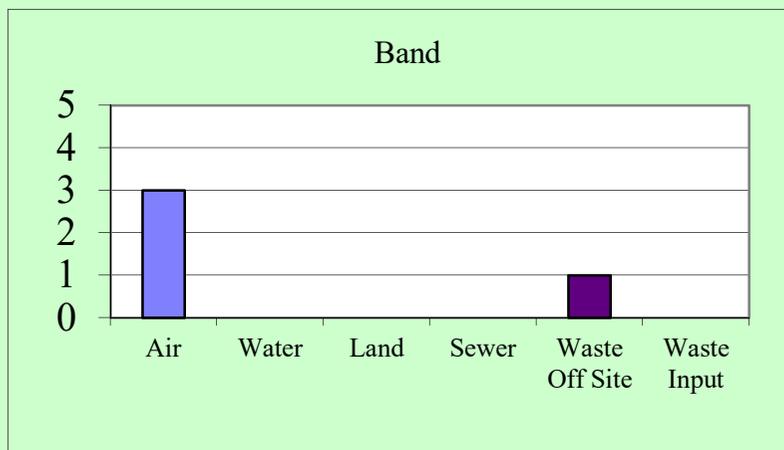
Emissions Attribute Summary Sheet

Organisation:	Biomass UK Power No.2 Ltd
Case Number:	SOL1605BUK201

Pathway	Overall Emission Index
Air	198
Water	0
Land	0
Sewer	0
Waste Off Site	6
Waste Input	0



Pathway	Band	
Air	3	C
Water	0	-
Land	0	-
Sewer	0	-
Waste Off Site	1	A
Waste Input	0	-

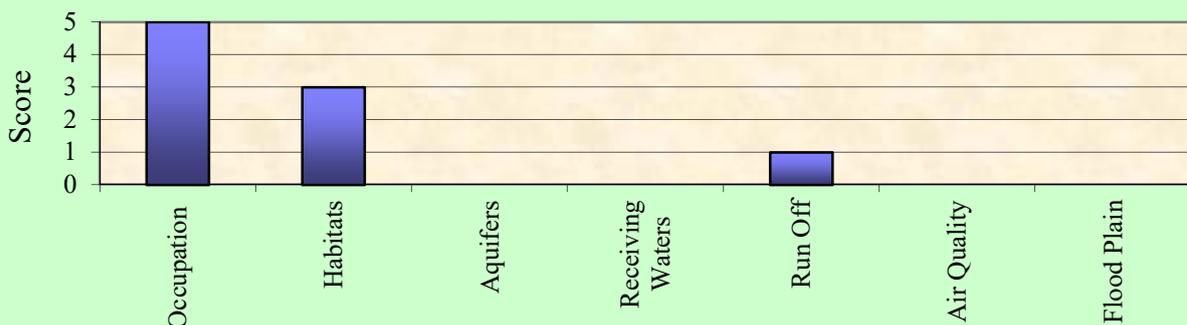


Location Attribute

Organisation Name:	Biomass UK Power No.2 Ltd
Case Number:	SOL1605BUK201

Parameter	Yes/No	Available	Score
Human Occupation/Presence:			
a) if within 50m of the boundary	<input type="text" value="Yes"/>	5	5
or:			
b) if greater than 50m but less than 250m of boundary	<input type="text" value="No"/>	3	
or:			
c) if greater than 250m but less than 1km of boundary	<input type="text" value="No"/>	1	
Statutory sites designated under Habitats Directive or CROW Act 2000:			
a) if "relevant" under Habitats Directive	<input type="text" value="Yes"/>	3	3
or			
b) if CROW Act 2000 assessment required	<input type="text" value="No"/>	2	
a) if on an aquifer and within a Groundwater Protection Zone	<input type="text" value="No"/>	2	0
or			
b) if on an aquifer and not within a Groundwater Protection Zone	<input type="text" value="No"/>	1	
Sensitivity of receiving waters (information available from Agency's "What's in your backyard" webpages), if:			
a) grade 5	<input type="text" value="No"/>	1	0
b) river category grade 4 or 3	<input type="text" value="No"/>	2	
c) river category grade 2 or 1 or estuarine	<input type="text" value="No"/>	3	
a) If there is direct runoff from the site without interceptors or other active control measures	<input type="text" value="No"/>	2	1
or			
b) If as above but there are interceptors or active control measures	<input type="text" value="Yes"/>	1	
a) If within an Air Quality Management Zone (AQMZ) and emit pollutant that has been declared for that AQMZ	<input type="text" value="No"/>	3	0
or			
b) If within 2km of an Air Quality Management Zone (AQMZ) and emit pollutant that has been declared for that AQMZ	<input type="text" value="No"/>	2	
or			
c) as a) except do not emit pollutants that have be declared for the AQMZ	<input type="text" value="No"/>	1	
If within a flood plain	<input type="text" value="No"/>	2	0
Maximum Score = 20		Total	9
Band A = 0 - 4, B = 5 - 8, C = 9 - 12, D = 13 - 17 and E = 18 - 20		Band	C

Location Attribute Profile



Operator Performance

	Yes/No	Points available	Points scored	Post or group responsible for each requirement	Document reference (*) or date by which systems will be in place (*see para 4.4.2)
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Operations and Maintenance section - 20%

Effective operational and prev maintenance systems shall be employed on all aspects of the process where any failure could impact on the environment.

1	Are there documented operating procedures for operations that may have an adverse impact on the environment?	Yes	2.0	2.0	Please refer to Application Support Document	SOL1605BUK201
2	Is there a defined procedure for identifying, reviewing and prioritising items of plant for which a preventative maintenance regime is appropriate?	Yes	2.0	2.0	Please refer to Application Support Document	SOL1605BUK201
3	Are there documented procedures for monitoring emissions or impacts?	Yes	2.0	2.0	Please refer to Application Support Document	SOL1605BUK201
4	Is there a preventative maintenance programme for those items of plant whose failure could lead to impact on the environment?	Yes	1.0	1.0	Please refer to Application Support Document	SOL1605BUK201
5	Does the preventative maintenance programme include regular checks and formal inspections of 'static' items such as tanks, pipework, retaining walls, bunds and ducts?	Yes	1.0	1.0	Please refer to Application Support Document	SOL1605BUK201
6	Do the operations and maintenance systems include auditing environmental performance?	Yes	2.0	2.0	Please refer to Application Support Document	SOL1605BUK201
7	Are the reports, results and recommendations arising from audits made available to senior management on a regular basis?	Yes	2.0	2.0	Please refer to Application Support Document	SOL1605BUK201
8	In the last two years, has there been any notifiable incident or release for which lack of maintenance was a contributory cause ?	No	-2.0	0.0	Please refer to Application Support Document	SOL1605BUK201
9	In the last two years, has there been any notifiable incident or release for which the root cause could not be identified?	No	-3.0	0.0	Please refer to Application Support Document	SOL1605BUK201
Operations and Maintenance Total			12.0	12.0	100.0%	2.0

Competence and Training - 20%

The Operator shall ensure that all relevant management and operational staff (including contractors and those responsible for purchasing equipment and materials) receive adequate training with regard to their responsibilities under the Permit. Particular attention should be given to the following:

- Minimisation of all potential environmental effects from operation under normal, abnormal, start up and shut down circumstances;**
- Prevention of accidental emissions and action to be taken when accidental emissions occur; and**
- The need to report deviation from the permit.**

1	Has a training needs assessment been carried out which: <ul style="list-style-type: none"> <input type="checkbox"/> Identifies all posts for which specific environmental awareness training is required; and <input type="checkbox"/> Identifies the scope and level to which such training is to be given? 	Yes	3.0	3.0	Please refer to Application Support Document	SOL1605BUK201
2	Are training systems in place for all relevant staff that cover the following factors: <ul style="list-style-type: none"> <input type="checkbox"/> the regulatory requirements associated with the Permit as they affect their work activities and responsibilities; <input type="checkbox"/> likely potential environmental impacts which may be caused by plant under their control. This should cover both normal and abnormal circumstances; <input type="checkbox"/> reporting procedures to inform supervisors or managers of deviations from permit conditions; <input type="checkbox"/> procedures to be used by supervisors or managers and for the reporting of deviations from permit conditions to the Agency; and 	Yes	2.0	2.0	Please refer to Application Support Document	SOL1605BUK201
		Yes	2.0	2.0	Please refer to Application Support Document	SOL1605BUK201
		Yes	1.0	1.0	Please refer to Application Support Document	SOL1605BUK201
		Yes	2.0	2.0	Please refer to Application Support Document	SOL1605BUK201
						11/16/2016

Operator Performance

		Yes/No	Points available	Points scored	Post or group responsible for each requirement	Document reference (*) or date by which systems will be in place (*see para 4.4.2)
	<input type="checkbox"/> prevention of accidental emissions and action to be taken when accidental emissions occur?	Yes	2.0	2.0	Please refer to Application Support Document	SOL1605BUK201
3	Are the skills and competencies necessary for key posts documented and are records of training needs and training received maintained?	Yes	1.0	1.0	Please refer to Application Support Document	SOL1605BUK201
4	Do the key posts include contractors, those responsible for liaising with contractors and those purchasing equipment and materials?	Yes	1.0	1.0	Please refer to Application Support Document	SOL1605BUK201
5	Do you assess the potential environmental risks posed by the work of contractors and provide instructions to contractors about protecting the environment while working on site?	Yes	1.0	1.0	Please refer to Application Support Document	SOL1605BUK201
6	In the last 2 years, have there been any notifiable incidents or releases, which it has been identified that lack of training was a contributory cause ?	No	-2.0	0.0	Please refer to Application Support Document	SOL1605BUK201
7	Are there industry standards for training in this sector (e.g. WAMITAB) and if so do you apply them? (If no industry standards please leave blank)	Yes	-2.0	0.0	Please refer to Application Support Document	SOL1605BUK201
8	Are individual and organisational training needs reviewed on a regular (e.g. annual) basis?	Yes	2.0	2.0	Please refer to Application Support Document	SOL1605BUK201
Competence Training Total			17.0	17.0		

Emergency planning - 20%

The Operator shall maintain an accident management plan which identifies potential events or failures which might lead to an environmental impact. The plan shall identify:

- the likelihood of, and the actions to be taken to minimise, these potential occurrences;
- the environmental consequences and an action plan to deal with such occurrences;
- The Operator shall have a written procedure for handling, investigating, communicating and reporting of incidents and actual or potential non-compliance with permit conditions including taking action to mitigate any impacts caused and for initiating and completing corrective action.
- In the case of abnormal emissions the operator shall;
 - investigate and undertake remedial action immediately;
 - promptly record the events and actions taken; and
 - ensure the Regulator is made aware, as soon as practicable.

1	Is there an accident plan that complies with guidance covering the following aspects of foreseeable scenarios: likelihood, consequences, actions to prevent, action to take in the event it occurs?	Yes	4.0	4.0	Please refer to Application Support Document	SOL1605BUK201
2	Has the plan identified areas where improvement is needed?	No	1.0	0.0		SOL1605BUK201
3	Where improvement has been identified, does the plan include an implementation programme with acceptable timescales to the Agency? If not, 2 points will be deducted.	No	-2.0	-2.0		SOL1605BUK201
4	Are there written procedures for handling, investigating, communicating and reporting actual or potential non compliance with operating procedures or emission limits?	Yes	1.0	1.0	Please refer to Application Support Document	SOL1605BUK201
5	Are there written procedures for handling, investigating, communicating and reporting environmental complaints?	Yes	1.0	1.0	Please refer to Application Support Document	SOL1605BUK201
6	Are there written procedures for investigating incidents, (and near-misses) including identifying suitable corrective action and following up implementation of that action?	Yes	2.0	2.0	Please refer to Application Support Document	SOL1605BUK201
7	In the last 2 years, have there been any notifiable incidents or releases for which it has been identified that lack of emergency planning was a contributory cause ?	No	-2.0	0.0	n/a	SOL1605BUK201

11/16/2016

Operator Performance

	Yes/No	Points available	Points scored	Post or group responsible for each requirement	Document reference (*) or date by which systems will be in place (*see para 4.4.2)
8 Are there audit records of investigations into non compliance, complaints and incidents? Does the audit cover follow up actions? Do the audit reports go to senior managers?	Yes	3.0	3.0	Please refer to Application Support Document	SOL1605BUK201
Emergency planning Total		12.0	9.0		

Organisation - 40%

The following aspects of site management procedures and controls may not be in the permit conditions but are likely to have an impact on the Agency resources required to apply the Env Permitting Regulations.

1	Do you operate an externally audited environment management system, if so answer one of the following questions. N.B Please enter your Certificate Number, Name of certification body and their UKAS Registration Number in the space for document reference.				
1.1	Is your Environmental Management System EMAS registered? If yes select Y and go to question 4.	No	20	0	Please refer to Application Support Document SOL1605BUK201
1.2	Is your Environmental Management System certified to ISO 14001? If yes enter Y and go to questions 3 and 4.	No	15	0	Please refer to Application Support Document SOL1605BUK201
1.3	Is your system an Environmental Management System subject to external audit through a third party audit programme with a published methodology (excludes in-house company audit programme). If yes enter and go to questions 3 and 4.	Yes	12	12	Please refer to Application Support Document SOL1605BUK201
Sub Total			Max 20	12.00	
2	If you do not operate an externally audited environmental management system then assess your system against the criteria below:				
2.1	Has your company adopted an environmental policy and programme which :				
	<input type="checkbox"/> includes a commitment to continual improvement and prevention of pollution?	Yes	1.0	1.0	Please refer to Application Support Document SOL1605BUK201
	<input type="checkbox"/> includes a commitment to comply with relevant legislation, and with other requirements that the organisation subscribes to?	Yes	1.0	1.0	Please refer to Application Support Document SOL1605BUK201
	<input type="checkbox"/> identifies, sets, monitors and reviews environmental objectives, independently of the permit?	Yes	1.0	1.0	Please refer to Application Support Document SOL1605BUK201
2.2	Are there procedures that incorporate environmental issues into the following areas (as supported by demonstrable evidence e.g. written procedures):				
	<input type="checkbox"/> the control of process change on the installation;	Yes	1.0	1.0	Please refer to Application Support Document SOL1605BUK201
	<input type="checkbox"/> design and review of new facilities (including provision for their decommissioning), engineering and other capital projects;	Yes	1.0	1.0	Please refer to Application Support Document SOL1605BUK201
	<input type="checkbox"/> capital approval;	Yes	1.0	1.0	Please refer to Application Support Document SOL1605BUK201
	<input type="checkbox"/> purchasing policy;	Yes	1.0	1.0	Please refer to Application Support Document SOL1605BUK201
2.3	Are there audits, at least annually, to check that all activities are being carried out in conformity with the above requirements?	Yes	1.0	1.0	Please refer to Application Support Document SOL1605BUK201
2.4	Are they independent? (name the auditing body)	Yes	2.0	2.0	Please refer to Application Support Document SOL1605BUK201
2.5	Are there reports annually on environmental performance, objectives and targets, future planned improvements and or facilitate (participate in) local community liaison meetings?	Yes	1.0	1.0	Please refer to Application Support Document SOL1605BUK201
3	Does your company produce a public environmental statement? You may score in this box for ISO 14001 and industry systems but not for EMAS as this is a requirement for EMAS.	Yes	1.0	1.0	Please refer to Application Support Document SOL1605BUK201

Operator Performance

		Yes/No	Points available	Points scored	Post or group responsible for each requirement	Document reference (*) or date by which systems will be in place (*see para 4.4.2)
	4 Within the past 5 years have you failed to meet an improvement condition either set by the Agency in a Permit or Variation by the due date, without prior agreement? (minus 2 for each failure). ADD NUMBER OF FAILURES NOT Y OR N	0	-2.0	0.0	Please refer to Application Support Document	SOL1605BUK201
Organisational Totals			20.0	13.00		

Enforcement History (0 to -40% weighting)

					Notice etc	Date Issued	Date Spent
1 Enforcement , Improvement, Works, Compliance or Restoration Notices issued in the past year by the Environment Agency under any legislation, by the Health and Safety Executive relevant to the COMAH Regulations or by local authorities under Part I of the Environmental Protection Act 1990 or relevant notice or Abatement Notices issued by local authorities or magistrates courts under Part III of the Environmental Protection Act 1990	0	None	0				
		1st	- 5				
		2nd	-10				
		3rd or more	-40				
			-40				
2 Formal cautions, Enforcement Undertakings or Fixed Monetary Penalties issued by the Environment Agency in respect of offences under any legislation in the last 3 years.	0	None	0				
		1st	- 5				
		2nd	-10				
		3rd or more	-40				
			-40				
3 Prohibition, Stop, Suspension or Revocation Notices issued by the Environment Agency under any legislation, by the Health and Safety Executive relevant to the COMAH Regulations or by local authorities under Part I of the Environmental Protection Act 1990 in the last 3 years	0	None	0				
		1st	- 10				
		2nd or more	-40				
			-40				
			-40				
4 Convictions on prosecutions brought by the Environment Agency under any legislation, by the Health and Safety Executive relevant to the COMAH regulations or by local authorities (in respect of offences under Parts I or III of the Environmental Protection Act 1990) in last 5 years (10 years where imprisonment was imposed). Or any Variable Monetary Penalty. [NB each individual offence counts separately].	0	None	0				
		1st	- 15				
		2nd or more	-40				
			-40				
			-40				

Enforcement History Total				
	Entered	Spent	Extant	Score
1 Enforcement etc Notices	0	0	0	0
2 Formal Cautions etc	0	0	0	
3 Prohibition etc Notices	0	0	0	
4 Convictions on Prosecutions etc	0	0	0	
Enforcement History Total (min -40)				0

Operator Performance

		Yes/No	Points available	Points scored	Post or group responsible for each requirement	Document reference (*) or date by which systems will be in place (*see para 4.4.2)
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Band E= less than 2
D= 2 to 3.99, C= 4 to 5.99, B= 6 to 7.99 , A= 8 to 11

BAND= A

Company : Biomass UK Power No.2 Ltd

Permit: SOL1605BUK201

Data calculations generating the above graph

Summary	Max	Score from above	Normalised to scale out of 10	Weighting	Weighted score
Maintenance 20%	12.00	12.00	10.00	20.00	2.0
Training 20%	17.00	17.00	10.00	20.00	2.0
Emergency Planning 20%	12.00	9.00	7.50	20.00	1.5
Organisation 40%	20.00	13.00	6.50	40.00	2.6
Enforcement History Penalty -up to 40%	-40.00	0.00	0.00	40.00	0.0
Overall average weighted score					8.1

Opra Banded Profile

Organisation Name:	Biomass UK Power No.2 Ltd
Case Number:	SOL1605BUK201

Attribute		Profile before any rules or capping applied		Opra Banded Profile used for charging	
		Number	Band	Number	Band
Complexity		0	A	0	A
		0	B	0	B
		0	C	0	C
		0	D	0	D
		1	E	1	E
Emissions	Air		C		C
	Water		-		-
	Land		-		-
	Sewer		-		-
	Waste Off Site		A		A
	Waste Input		-		-
Location			C		C
Operator Performance			A		A

Organisation Name: Biomass UK Power No.2 Ltd Case Number: SOL1605BUK201

EPR Installations Application Charge Calculation

(excludes Compliance Rating)

Scoring Summary - Financial



Attribute	Band	Score	Total Score
<i>Complexity</i>	A	0	2
	B	0	15
	C	0	45
	D	0	82
	E	1	110
<i>Emissions to Air</i>	C		20
<i>Emissions to Water</i>	-		0
<i>Emissions to Land</i>	-		0
<i>Emissions to Sewer</i>	-		0
<i>Emissions to Off-site Waste</i>	A		1
<i>Emissions - Waste Input</i>	-		0
<i>Location</i>	C		20
<i>Operator Performance</i>	A		10
Total Opra charging score			161.00

Indicative Fees & Charges

Application Fee	£	33,166.00
Subsistence Charge*	£	16,100.00
Substantial Variation	£	18,193.00
Standard Variation	£	9,177.00
Partial Surrender	£	15,778.00
Full Surrender	£	20,447.00
Closure	£	-

Part A(2) and Part B Activities

Please ensure that you have completed these entries in the Listed Activities sheet. The charge shown will not include any charges associated with Local Authority Part A (2) or Part B activities that form part of the installation. Refer to Installations Charging Scheme for further details.

Opra Charge Multipliers	
Application	206
Subsistence	100
Substantial Variation	113
Standard Variation	57
Partial Surrender	98
Full Surrender	127
Closure (Landfill only)	

* Does not take into account Compliance Rating

Compliance Rating

Breach Category*	Events	Score per event	Total
1	0	60	0
2	0	31	0
3	0	4	0
4	0	0.1	0
		Compliance Index	0

Compliance Rating Band A

Compliance Rating Multiplier 95%

* Under Compliance Classification Scheme (CCS)

Opra Score

Without Compliance Rating 161
Including Compliance Rating 152.95

Subsistence Fee: £ 15,295.00

ANNEX 2: FORM PART F

Application for an environmental permit: Part F1 – Opra, charges and declarations

<p>Fill in this part for all applications for installations, waste operations, mining waste operations and groundwater discharges onto land.</p> <p>Please check that this is the latest version of the form available from our website.</p> <p>For applications for water discharge and point source groundwater discharge activities you need to fill in part F2 instead.</p> <p>Please read through this form and the guidance notes that</p>	<p>came with it. All relevant guidance documents can be found on our website.</p> <p>Contents</p> <ol style="list-style-type: none"> 1 Working out charges 2 Opra profile (electronic) 3 Payment 4 The Data Protection Act 1998 5 Confidentiality and national security 6 Application checklist 7 Declaration
--	--

1 Working out charges (you must fill in this section)

You have to submit an application fee with your application. You can find out the charge by looking at our current environmental permitting charging scheme. This can be found on our 'How we regulate you' webpages. Please remember that the charges are revised on 1 April each year and that there is an annual subsistence charge (for site based permis) to cover the costs we incur in the ongoing regulation of the permit.

Examples: We have included examples to help you complete the table. The Tier 2 charge example is for an application for a 'New standard rule' permit. The Tier 3 charge example is for an installation Opra based charge for a normal variation (multiplier) application.

Note: for Opra charged Tier 3 Facilities you also need to complete an Opra profile (see section 2).

Table 1 – Working out charges				
Type of application	Part A(1) Bespoke Permit Application			
	Summary of charges			
Tier 2 facilities (including Part A(2) and Part B)	Charge identifier	Number of facilities	Charge for each facility (£)	Charges due (£)
SR2010 No12	S060A (W)	1	1,630.00	1,630.00
Tier 3 facilities				
Total Opra charging score for installations	90	x charge multiplier	57	5,130.00
Total Opra charging score for installations	161	x charge multiplier	201	32,361
Total Opra charging score for waste operations		x charge multiplier		
Total Opra charging score for mining waste facilities				
Other charges (such as on-off assessments etc.)				
			Total charges due	32,361

2 Opra profile (does not apply to standard facilities, or other tier 2 permit applications)

If you are submitting a bespoke application, you must include a completed electronic copy in Excel of the *current* Opra spreadsheet. You can find the current Opra spreadsheet in the 'Our charges' section on our 'How we regulate you' webpages.

For all variations, full and partial surrenders: you will need to submit a copy of your current Opra profile based on your existing profile, not a new profile following the variation or surrender.

For transfers: you will need to submit a revised Opra profile to include your own operator performance. Note: this will not change the set transfer fee.

Important: your Opra profile (score) must match our records. If you are unsure about your current Opra profile (score), you should talk to your regulatory officer before submitting your application.

Tick this box to confirm that you have included the electronic OPRA spreadsheet

3 Payment

3a How do you want to pay?

Tick an option below to show how you will pay.

Electronic transfer (for example, BACS)	<input checked="" type="checkbox"/>	<i>Go to section 3b</i>
Credit or Debit card	<input type="checkbox"/>	<i>Go to section 3c</i>
Cheque	<input type="checkbox"/>	<i>Go to section 3d</i>
Postal order	<input type="checkbox"/>	<i>Go to section 3d</i>

3b Paying by electronic transfer

If you choose to pay by electronic transfer use the following information to make your payment.

Company name: Natural Resources Wales
Company address: Income Dept., PO BOX 663, Cardiff, CF24 0TP
Bank: RBS
Address: National Westminster Bank Plc, 2 ½ Devonshire Square, London, EC2M 4BA
Sort code: 60-70-80
Account number: 10014438

Reference number

You can use any reference number but we prefer the number to be 'EPR' followed by the first nine letters of your organisation name followed by a four-digit number.

For example, for a company named Joe Bloggs Ltd, the reference number might be EPRJOEBLOGGS0001. (Remember you can use any four-digit number at the end.)

The reference number you will provide will appear on our bank statements so we can check your payment. We may need to contact your bank to make sure the reference number is quoted correctly.

You should also email your payment details and payment reference number to banking.team@naturalresourceswales.gov.uk / banking.team@cyfoethnaturiolcymru.gov.uk or fax it to 0300 065 3001 and enter it in the space provided below.

BACS reference	<input type="text" value="PSCAPPBIOMA002"/>
Amount paid	<input type="text" value="£32,361"/>

Making payments from outside the UK

These details have changed. If you are making your payment from outside the United Kingdom (which must be received in sterling), our IBAN number is GB70 NWBK6070 8010 0144 38 and our SWIFT/BIC number is NWBKGB2L.

If you do not quote your payment reference number, there may be a delay in processing your payment and application.

3c Paying by credit or debit card

If you are paying by credit or debit card, please fill in the separate form CC1.

You can download this from our website or you can ask for one of our customer service providers to send one by post. We will destroy your card details once we have processed your payment. We can accept payments by Visa, MasterCard or Maestro UK card only.

3d Paying by cheque or postal order

You should make cheques or postal orders payable to Natural Resources Wales and they should be marked 'A/c Payee'.

We will not accept post-dated cheques (cheques with a future date written on them).

Cheque/ postal order number

Amount paid

4 The Data Protection Act 1998

We, the Natural Resources Body for Wales (hereafter "Natural Resources Wales"), will process the information you provide so that we can:

- deal with your application;
- make sure you keep to the conditions of the licence, permit or registration;
- process renewals; and
- keep the public registers up to date.

We may also process or release the information to:

- offer you documents or services relating to environmental matters;
- consult the public, public organisations and other organisations (for example, the Health and Safety Executive, local authorities, the emergency services, the Department for Environment, Food and Rural Affairs) on environmental issues;
- carry out research and development work on environmental issues;
- provide information from the public register to anyone who asks;
- prevent anyone from breaking environmental law, investigate cases where environmental law may have been broken, and take any action that is needed;
- assess whether customers are satisfied with our service, and to improve our service; and
- respond to requests for information under the Freedom of Information Act 2000 and the Environmental Information Regulations 2004 (if the Data Protection Act allows). We may pass the information on to our agents or representatives to do these things for us.

5 Confidentiality and national security

We will normally put all the information in your application on a public register of environmental information. However, we may not include certain information in the public register if this is in the interests of national security, or because the information is confidential

Confidentiality

You can ask for information to be made confidential by enclosing a letter with your application giving your reasons. If we agree with your request, we will tell you and not include the information in the public register. If we do not agree with your request, we will let you know how to appeal against our decision, or you can withdraw your application.

Only tick the box below if you wish to claim confidentiality for your application.

Please treat the information in my application as confidential

Tick the box to confirm you have provided evidence to support your confidentiality claim and give us the document reference, below.

Document reference

National security

You can tell the Welsh Ministers that you believe including information on a public register would not be in the interests of national security.

You must enclose a letter with your application telling us that you have told the Welsh Ministers and you must still include the information in your application. We will not include the information in the public register unless the Welsh Ministers decides that it should be included.

You can find guidance on national security in 'Core Environmental Permitting Guidance' published by Defra and available via the .Gov website.

You cannot apply for national security via this application.

6 Application checklist (you must fill in this section)

Tell us about the supporting evidence and information you have sent with this application.

Application fee - You must submit the correct application fee in line with our current charging scheme.

Tick the box to say you have included the correct fee.

List all the documents you have included in Table 2. Please see the guidance notes for examples on how to complete the checklist.

If the relevant information for a question forms part of a larger document, please specify the relevant section(s) of the document. This will speed up the process of checking your application and making decisions.

If necessary, continue on a separate sheet and tell us the reference you have given the document below.

Document reference

Table 2 – application checklist

Question reference	Document title/ reference	Document section
All Questions	Application Support Document	SOL1605BUK201

7 Declaration

You must read this section before making the declaration and sending your form to us.

For transfer applications - Both you and the person receiving the permit must make the declaration.

Section 7d must be completed by the current holder *and* Section 7e must be completed by the proposed new holder.

A relevant person should make the declaration. You must be a relevant person or have the authority of a relevant person to sign this application on their behalf.

Relevant people means each applicant, and in the case of a company, a director, manager, company secretary or any similar officer or employee listed on current appointments in Companies House. In the case

of a Limited Liability Partnership (LLP), it includes any partner. If the permit holder is an organisation of individuals, each individual (or individual trustee) must complete the declaration.

To simplify and speed up the application process we recommend that the declaration is filled in by an officer of a company or one of the partners in a Limited Liability Partnership (LLP).

If you wish a manager, employee or consultant etc. to sign the declaration on behalf of a relevant person, we will need written confirmation from a relevant person; that is, an officer of the company, a partner in the LLP or the individual, confirming that the person has the authority to fill in the declaration.

If you are joint permit holders you should each fill in your own declaration. We have provided extra spaces for this below. Please send in a separate sheet with your application if you need more room for signatories.

Where the operator is the subject of any insolvency procedure, the declaration must be filled in by the official receiver/appointed insolvency practitioner.

7a Are you signing the form on *behalf* of a relevant person?

If you are *not* a relevant person, but want to sign the application on their behalf, you must include confirmation that you can do this.

I have included written confirmation from a relevant person to confirm I can sign on their behalf.

7b Does your application include a standard facility?

If your application includes a standard facility, you also need to confirm that you are able to meet all relevant criteria of the standard rule set/sets for which you are applying.

I confirm that my standard facility will fully meet the rules that I have applied for.

7c Does your application include ecological survey information?

If your application includes ecological survey information, please see the guidance notes on part F1 and tick the box below to confirm that you have no issue with us using information from any ecological survey you have supplied with your application.

I confirm I am happy for the ecological survey information I have supplied to be used as set out in the guidance.

7d Declaration

If you're transferring the permit, the current holder or holders should sign this section of the declaration, and the proposed new holder or holders of the permit should sign the declaration in section 7e.

If you knowingly or recklessly make a statement which is false or misleading to help you get an environmental permit (for yourself or another person), you are committing an offence under the Environmental Permitting (England and Wales) Regulations 2010 (as amended).

I declare that the information in this application is true to the best of my knowledge and belief. I understand that this application may be refused or approval withdrawn if I give false or incomplete information.

I understand that if I knowingly or recklessly make a false or misleading statement:

- I may be prosecuted; and
- if convicted, I may have to pay a fine and/or go to prison.

By signing below, you are confirming that you understand and agree with the declaration above.

Title	<input type="text" value="Mr"/>
First name	<input type="text" value="Freddy"/>
Last name	<input type="text" value="Murray"/>
On behalf of (if relevant)	<input type="text" value="Biomass UK No.2 Ltd"/>
Today's date	<input type="text" value="20/10/2016"/>

If you knowingly or recklessly make a statement which is false or misleading to help you get an environmental permit (for yourself or another person), you are committing an offence under the Environmental Permitting (England and Wales) Regulations 2010 (as amended).

I declare that the information in this application is true to the best of my knowledge and belief. I understand that this application may be refused or approval withdrawn if I give false or incomplete information.

I understand that if I knowingly or recklessly make a false or misleading statement:

- **I may be prosecuted; and**
- **if convicted, I may have to pay a fine and/or go to prison.**

By signing below, you are confirming that you understand and agree with the declaration above.

Title	Mr
First name	Freddy
Last name	Murray
On behalf of (if relevant)	Biomass UK No.1 Ltd
Today's date	20/10/2016

7e Declaration for the person or persons receiving the permit (transfers only)

The persons 'receiving the permit' is the proposed new permit holder.

Note: If you cannot trace a person or persons holding the permit you may be able to transfer the permit without their declaration (in section 7d above). Please contact us to discuss this and supply evidence in your application to confirm you are unable to trace one or all of the permit holders.

If you knowingly or recklessly make a statement which is false or misleading to help you get an environmental permit (for yourself or another person), you are committing an offence under the Environmental Permitting (England and Wales) Regulations 2010 (as amended).

I declare that the information in this application is true to the best of my knowledge and belief. I understand that this application may be refused or approval withdrawn if I give false or incomplete information.

I understand that if I knowingly or recklessly make a false or misleading statement:

- **I may be prosecuted; and**
- **if convicted, I may have to pay a fine and/or go to prison.**

By signing below, you are confirming that you understand and agree with the declaration above.

Title	
First name	
Last name	
On behalf of (if relevant)	
Today's date	

If you knowingly or recklessly make a statement which is false or misleading to help you get an environmental permit (for yourself or another person), you are committing an offence under the Environmental Permitting (England and Wales) Regulations 2010 (as amended).

I declare that the information in this application is true to the best of my knowledge and belief. I understand that this application may be refused or approval withdrawn if I give false or incomplete information.

I understand that if I knowingly or recklessly make a false or misleading statement:

- I may be prosecuted; and**
- if convicted, I may have to pay a fine and/or go to prison.**

By signing below, you are confirming that you understand and agree with the declaration above.

Title

First name

Last name

On behalf of (if relevant)

Today's date

ANNEX 3: SITE PLAN

NOTES

GENERAL

- 1. DO NOT SCALE FROM THIS DRAWING.
- 2. ALL DIMENSIONS ARE IN MILLIMETRES (mm) & ALL LEVELS ARE IN METRES (m) AOD, UNLESS STATED OTHERWISE.
- 3. ALL DIMENSIONS & LEVELS TO BE CHECKED ON SITE AND ANY DISCREPANCIES SHOULD BE REPORTED TO GHD LIVIGUNN.
- 4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT PROJECT STANDARDS AND SPECIFICATIONS.



SITE LAYOUT
SCALE 1 : 300

2D EXPORT FROM A 3D MODEL
ALL ALTERATIONS TO BE MADE IN THE MODEL FILE

PRELIMINARY

Rev	Date	Description	By	Chk	App
A	17.11.16	FIRST ISSUE	JW	MS	NR

GHD LIVIGUNN

The Studio
51 Brookfield Road
Cheadle
SK8 1ES
0161 491 4600
info@ghdlivigunn.com

CLIENT
GallifordTry

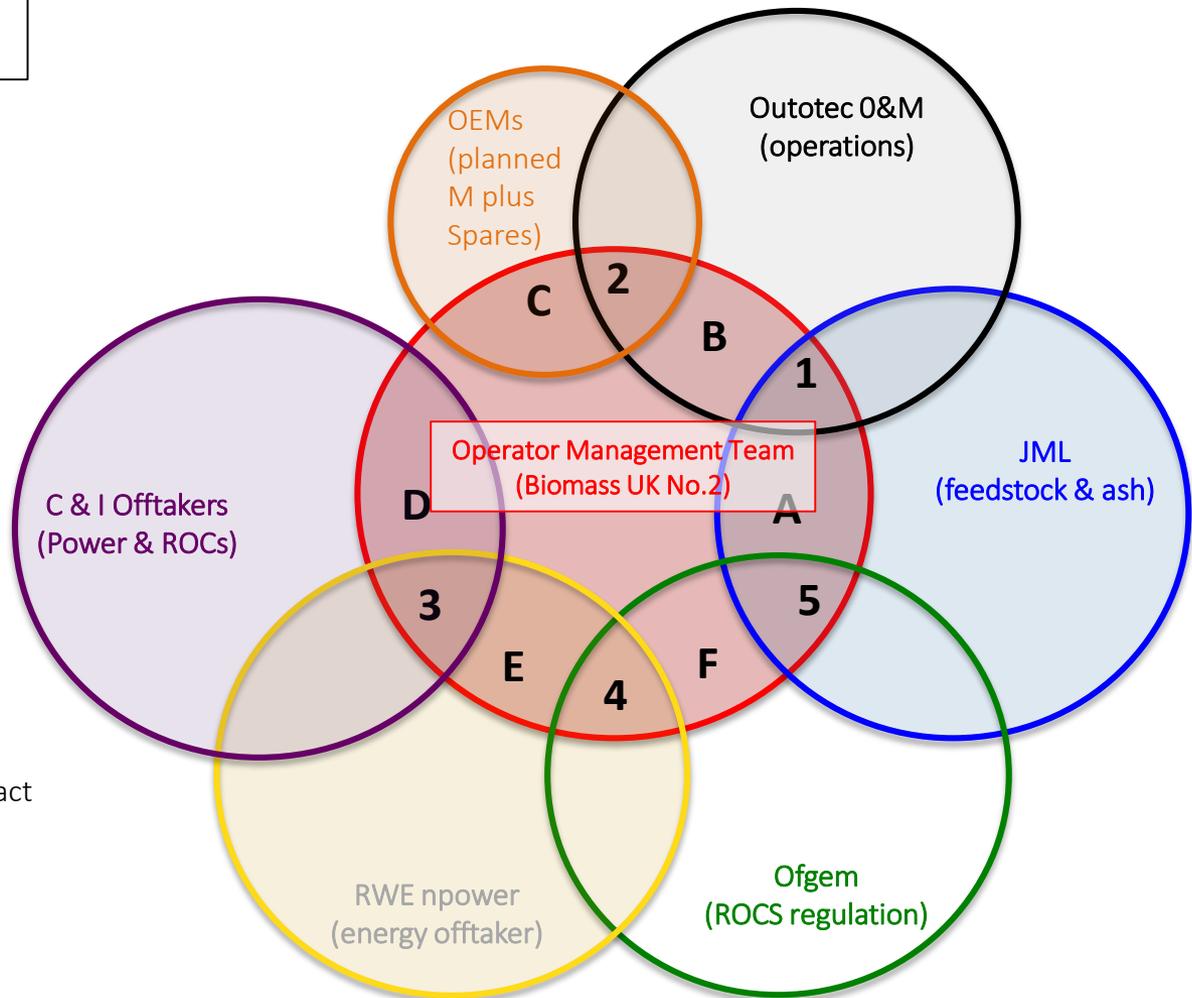
PROJECT
BARRY BIOMASS UK NO 2 LIMITED

TITLE
SITE LAYOUT
NRW APPLICATION

SCALE 1:300	DRAWING SIZE A1
DWG No. BARRY_01_DWG_01_20111	REV. A

ANNEX 4: ORGANIGRAM

Project Interfaces



A = Operations & Maintenance

B = Feedstock Supply & Ash Disposal Contract

C = Inspections

D = Offtake Management Agreement

E = Power Sales Agreement

F = Ofgem Regulations

1 = Interfaces between Owner, Outotec UK and JML re fuel delivery & ash disposal

2 = Interface between Outotec UK and OEMs

3 = Interface between RWE and C&I customer for offtake services and back-up

4 = Interface between RWE and Ofgem

Biomass UK No2 (The Operator) will have a full time presence on site and will be directly responsible for the Daily Operational management of the site.