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# Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

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## **Flexible Generation Limited**

**Pentref Y Groes  
Croespenmaen  
Crumlin  
Newport  
Wales  
NP11 3BT**

Permit number

**PAN-005837**

# PENTREF Y GROES

## Permit number PAN-005837

### Introductory note

#### This introductory note does not form a part of the permit

This permit will allow the operator to operate:

- One or more combustion plant listed as activities in the EP Regulations Schedule 1, Part 2, Chapter 1, Section 1.1, Part B.
- The plant is also a Specified Generator and the requirements of Schedule 25B of the EP Regulations apply as it generates electricity in a Combined Heat and Power Plant.
- The details of the plant and associated limits and monitoring requirements are specified in Tables S1.1, S3.1 and S3.2.
- The permit has been drawn up to incorporate guidance in the final draft of Environmental Permitting Technical note 1/1/(18), dated 18/07/19 which will become statutory guidance when finalised.

This permit will allow Flexible Generation Limited to operate fourteen 3.5 MWth diesel fuelled compression ignition engines (one 49 MWth Specified Generator). These engines are operated via a balancing services contract on a short-term basis meeting peak demand or short falls in generation within the electrical distribution network. The engines class as an existing medium combustion plant (MCP) on the basis that it was operational before 20 December 2018. It has been permitted as a Tranche B Specified Generator as the site was commissioned during 2017. The activity also falls under Schedule 1, Part 2, Section 1.1; Part B regulations as the engines are compression ignition engines with an aggregated thermal input of >20 MWth and <50 MWth.

There is one Designated European Habitats site (Aberbargoed Grasslands SAC) located within 3.6 km, there are no sites of special scientific interest (SSSI) within 2.0 km of the site. An assessment of the impact on nearby designated ecological sites has been completed and concluded the impact of airborne NOx concentrations, nitrogen deposition and acid deposition to be insignificant. The air quality modelling and impact assessments have concluded that exceedances of any air quality objectives are unlikely at the local receptors identified to protect human health.

The status log of the permit sets out the permitting history, including any changes to the permit reference number.

Status log of the permit		
Description	Date	Comments
Application PAN-005837 received	Duly made 10/07/19	Bespoke application for Tranche B Specified Generator permit
Permit determined PAN-005837	22/11/19	Permit issued to Flexible Generation Limited.

End of introductory note

# Permit

## The Environmental Permitting (England and Wales) Regulations 2016

### Permit number

**PAN-005837**

The Natural Resources Body for Wales ("Natural Resources Wales) hereby authorises, under regulation 13 of the Environmental Permitting (England and Wales) Regulations 2016

**Flexible Generation Limited** ("the operator"),

whose registered address is

**27/28 Eastcastle Street**

**London**

**W1W 8DH**

company registration number **08918033**

to operate one or more Part B installation combustion plant and Specified Generator at:

**Flexible Generation Limited**

**Pentref Y Groes**

**Croespenmaen**

**Crumlin**

**Newport**

**NP11 3BT**

to the extent authorised by and subject to the conditions of this permit.

<b>Name</b>	<b>Date</b>
<b>Holly Noble</b>	<b>22/11/2019</b>

Authorised on behalf of Natural Resources Wales

# Conditions

## 1 Management

### 1.1 General management

1.1.1 The operator shall manage and operate the activities:

- (a) in accordance with a written management system that identifies and minimises risks of air pollution, so far as is reasonably practicable, including those arising from operations, maintenance, accidents, incidents, non-conformances and those drawn to the attention of the operator as a result of complaints; and
- (b) using sufficient competent persons and resources.

1.1.2 Records demonstrating compliance with condition 1.1.1 shall be maintained.

1.1.3 Any person having duties that are or may be affected by the matters set out in this permit shall have convenient access to a copy of it kept at or near the place where those duties are carried out.

### 1.2 Energy efficiency

1.2.1 For the following activities referenced in schedule 1, table S1.1: The operator shall:

- (a) take appropriate measures to ensure the efficiency of energy generation at the permitted installation is maximised;
- (b) review and record at least every four years whether there are suitable opportunities to improve the energy efficiency of the activities; and
- (c) take any further appropriate measures identified by a review

## 2 Operations

### 2.1 Permitted activities

2.1.1 The operator is only authorised to carry out the activities specified in schedule 1 table S1.1 (the “activities”).

### 2.2 The site

2.2.1 The activities shall not extend beyond the site, being the land shown edged in green on the site plan at schedule 7 to this permit.

### 2.3 Operating techniques

2.3.1 The activities shall, subject to the conditions of this permit, be operated using the techniques and in the manner described in the documentation specified in schedule 1, tables S1.2A and S1.2B, unless otherwise agreed in writing by Natural Resources Wales.

2.3.2 If notified by Natural Resources Wales that the activities are giving rise to air pollution, the operator shall submit to Natural Resources Wales for approval within the period specified, a revision of any plan or other documentation (“plan”) specified in schedule 1, table S1.2A and S1.2B or otherwise required under this permit which identifies and minimises the risks of pollution relevant to that plan ,

and shall implement the approved revised plan in place of the original from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

2.3.3 Any fuels listed in schedule 2 table S2.1 shall conform to the specifications set out in that table.

## **2.4 Pre-operational conditions**

2.4.1 The activities shall not be brought into operation until 22/12/2019 and until the measures specified in schedule 1 table S1.4A have been completed.

# **3 Emissions and monitoring**

## **3.1 Emissions to air**

3.1.1 There shall be no point source emissions to air except from the sources and emission points listed in schedule 3 tables S3.1 and S3.2.

3.1.2 The limits given in schedule 3 shall not be exceeded.

3.1.3 There must be no persistent emission of 'dark smoke' as defined in section 3(1) of the Clean Air Act 1993.

## **3.2 Emissions of substances not controlled by emission limits**

3.2.1 Emissions to air of substances not controlled by emission limits (excluding odour) shall not cause pollution. The operator shall not be taken to have breached this condition if appropriate measures, including, but not limited to, those specified in any approved emissions management plan, have been taken to prevent or where that is not practicable, to minimise, those emissions.

3.2.2 The operator shall:

- (a) if notified by Natural Resources Wales that the activities are giving rise to air pollution, submit to the Environment Agency for approval within the period specified, an emissions management plan which identifies and minimises the risks of air pollution from emissions of substances not controlled by emission limits;
- (b) implement the approved emissions management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

## **3.3 Odour**

3.3.1 Emissions from the activities shall be free from odour at levels likely to cause pollution outside the site, as perceived by an authorised officer of Natural Resources Wales, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved odour management plan, to prevent or where that is not practicable to minimise the odour.

3.3.2 The operator shall:

- (a) if notified by Natural Resources Wales that the activities are giving rise to pollution outside the site due to odour, submit to Natural Resources Wales for approval within the period specified, an odour management plan which identifies and minimises the risks of pollution from odour;
- (b) implement the approved odour management plan, from the date of approval, unless otherwise agreed in writing by Natural Resources Wales.

## **3.4 Monitoring**

- 3.4.1 The operator shall, unless otherwise agreed in writing by Natural Resources Wales, undertake the monitoring specified in the following tables in schedule 3 to this permit:
- (a) point source emissions specified in tables S3.1 and S3.2.
- 3.4.2 The operator shall maintain records of all monitoring required by this permit including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, tests and surveys and any assessment or evaluation made on the basis of such data.
- 3.4.3 Monitoring equipment, techniques, personnel and organisations employed for the emissions monitoring programme and the environmental or other monitoring specified in condition 3.4.1 shall have either MCERTS certification or MCERTS accreditation (as appropriate), where available, unless otherwise agreed in writing by Natural Resources Wales.
- 3.4.4 Permanent means of access shall be provided to enable sampling/monitoring to be carried out in relation to the emission points specified in schedule 3 table S3.2 unless otherwise agreed in writing by Natural Resources Wales.
- 3.4.5 Monitoring shall not take place during periods of start up or shut down.
- 3.4.6 The operator shall maintain records of all monitoring including records of the taking and analysis of samples, instrument measurements (periodic and continual), calibrations, examinations, test and surveys and any assessment or evaluation made on the basis of such data.
- 3.4.7 For the following activities referenced in schedule 1, table S1.1 where secondary abatement is required to ensure compliance with the NO<sub>x</sub> ELV monitoring shall start 10 minutes from when the generator commences operation.

## **4 Information**

### **4.1 Records**

- 4.1.1 All records required to be made by this permit shall:
- (a) be legible;
- (b) be made as soon as reasonably practicable;
- (c) if amended, be amended in such a way that the original and any subsequent amendments remain legible, or are capable of retrieval; and
- (d) be retained, unless otherwise agreed in writing by Natural Resources Wales, for at least 6 years from the date when the records were made.
- 4.1.2 The operator shall maintain convenient access, in either electronic or hard copy, to the records, plans and management system required to be maintained by this permit.
- 4.1.3 The operator shall maintain a record of the type and quantity of fuel used and the total annual hours of operation for each generator.
- 4.1.4 The operator shall maintain a record of any events of non-compliance and the measures taken to ensure compliance is restored in the shortest possible time

### **4.2 Reporting**

- 4.2.1 The operator shall send all reports and notifications required by the permit to Natural Resources Wales using the contact details supplied in writing by Natural Resources Wales.
- 4.2.2 Within 28 days of the end of the reporting period the operator shall, unless otherwise agreed in writing by Natural Resources Wales, submit reports of the monitoring and assessment carried out in accordance with the conditions of this permit, as follows:

- (a) in respect of the parameters and emission points specified in schedule 4 table S4.1;
- (b) for the reporting periods specified in schedule 4 table S4.1 and using the forms specified in schedule 4 table S4.2; and
- (c) giving the information from such results as required by the forms specified in those tables.

## 4.3 Notifications

### 4.3.1 In the event:

- (a) of a breach of any of the permit conditions the operator must immediately—
  - (i) inform Natural Resources Wales, and
  - (ii) take the measures necessary to ensure that compliance is restored within the shortest possible time;
- (b) of a breach of any of the permit conditions which causes a significant degradation of local air quality, the operator must immediately suspend the operation of the activities or the relevant part of them until compliance with the conditions has been restored.

4.3.2 Any information provided under condition 4.3.1 shall be confirmed in writing within 24 hours.

4.3.3 Where Natural Resources Wales has requested in writing that it shall be notified when the operator is to undertake monitoring and/or spot sampling, the operator shall inform Natural Resources Wales when the relevant monitoring and/or spot sampling is to take place. The operator shall provide this information to Natural Resources Wales at least 14 days before the date the monitoring is to be undertaken.

4.3.4 Natural Resources Wales shall be notified within 14 days of the occurrence of the following matters, except where such disclosure is prohibited by Stock Exchange rules:

Where the operator is a registered company:

- (a) any change in the operator's trading name, registered name or registered office address; and
- (b) any steps taken with a view to the operator going into administration, entering into a company voluntary arrangement or being wound up.

Where the operator is a corporate body other than a registered company:

- (c) any change in the operator's name or address; and
- (d) any steps taken with a view to the dissolution of the operator.

In any other case:

- (e) the death of any of the named operators (where the operator consists of more than one named individual);
- (f) any change in the operator's name(s) or address(es); and
- (g) any steps taken with a view to the operator, or any one of them, going into bankruptcy, entering into a composition or arrangement with creditors, or, in the case of them being in a partnership, dissolving the partnership.

## 4.4 Interpretation

4.4.1 In this permit the expressions listed in schedule 6 shall have the meaning given in that schedule.

4.4.2 In this permit references to reports and notifications mean written reports and notifications, except where reference is made to notification being made "immediately", in which case it may be provided by telephone.

# Schedule 1 – Operations

<b>Table S1.1 Activities</b>				
<b>Activity reference and emission point</b>	<b>Activity listed in the EP Regulations</b>	<b>Description of MCP and/or specified generator</b>	<b>Fuel</b>	<b>Limits of activities</b>
A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, A11, A12, A13 and A14 are the individual stacks for each engine, comprising one Specified Generator  National Grid Reference: ST19954 97865	Schedule 1 Pt2 1.1 Part B combustion plant 20—50 MWth input	14 x 3.5 MWth compression ignition engines	As listed in Schedule 2	< 500 operating hours per specified generator per annum
	25B – Specified Generator	14 x 3.5 MWth engines each fitted with SCR abatement comprising one 49 MWth Specified Generator	As listed in Schedule 2	< 500 operating hours per specified generator per annum

<b>Table S1.2A Operating techniques for Schedule 1 Pt2 1.1 Part B</b>
(a) Unless otherwise agreed in writing, the combustion plant must comply with the requirements of Environmental Permitting Technical Note 1/1(18), which will serve as statutory guidance under Regulation 65 of The Environmental Permitting Regulations 2016 once finalised.

<b>Table S1.2B Operating techniques for Specified Generators</b>	
(a)	Each generator must be operated in accordance with the manufacturer's instructions and records must be made and retained to demonstrate this
(b)	The operator must keep periods of start-up and shut down of the generators as short as possible
(c)	There must be no persistent emission of 'dark smoke' as defined in section 3(1) of the Clean Air Act 1993.
(d)	Where secondary abatement is required to ensure compliance with the NOx ELV it must be met within 10 minutes from when the generator commences operation and within 20 minutes when the generator was a Tranche A and is now a Tranche B generator.
(e)	The stack must be vertical and unimpeded by cowls or caps.
(f)	The operating regime of the generator must be in line with document reference 40131-WOD-XX-XX-TN-O-0002_A_C01 dated June 2019 and all referenced documents submitted as part of permit application PAN-005837.

<b>Table S1.4A Pre-operational measures</b>	
<b>Reference</b>	<b>Pre-operational measures</b>
PO1	Within 1 month of permit issue, and before the commencement of operations, the Operator shall submit to Natural Resources Wales and obtain written approval for a report detailing a proposed methodology for undertaking the monitoring of dark smoke.

<b>Table S1.4B Pre-operational measures for future development</b>		
<b>Reference</b>	<b>Operation</b>	<b>Pre-operational measures</b>
None	None	None

## Schedule 2 – Fuels

<b>Table S2.1 Fuels</b>	
<b>Fuel description</b>	<b>Specification</b>
Sulphur content of fuel oil	Less than 0.1% weight for weight.

## Schedule 3 – Emissions and monitoring

Table S3.1 Point source emissions to air – emission limits and monitoring requirements						
Emission point ref. & location	Source	Parameter	Limit (including unit)	Reference period	Monitoring frequency	Monitoring standard or method
A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, A11, A12, A13 and A14	New Sch1 Pt 2 1.1 Part B and SG	Dark Smoke	No visible dark smoke	Daily when in operation	Daily when in operation	Ringlemann Chart Shade 1  Methodology as approved in accordance with pre-operational condition PO1

**Table S3.2 Point source emissions to air – emission limits and monitoring requirements for compression ignition engines and other Specified Generators**

Emission point as referred to in table S1.1	Source	Parameter	Fuel	Limit (mg/Nm <sup>3</sup> )	Reference period <sup>(2)</sup>	Monitoring frequency <sup>(2)</sup>	Monitoring standard or method (See Note)
A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, A11, A12, A13 and A14	Sch1 Pt 2 1.1 Part B and MCP/SG <sup>(2)</sup>	Sulphur Dioxide (SO <sub>2</sub> )	Gas oil – all plant	S content of fuel limited to 0.1% w/w	Yearly	Once per year <sup>(2)</sup>	MCERTS M5 Annexe A
		Tranche B SGs	Oxides of Nitrogen	All liquid fuels	190 <sup>(1)</sup>	Yearly	Once per year <sup>(2)</sup>
	Dust		All liquid fuels	10	Yearly	Once per year <sup>(2)</sup>	MCERTS BS EN 13284-1
	Carbon Monoxide (CO)		All liquid fuels	No Limit	Yearly	Once per year <sup>(2)</sup>	MCERTS BS EN 15058

**Notes**

(1): For dual fuel engines in liquid mode the limit is 225mg/Nm<sup>3</sup>.

(2): For plants which operate for less than 500 hours per year, the minimum monitoring frequency is once every 500 operating hours or once every 5 years, whichever comes first.

Monitoring requirements are defined at a temperature of 273.15 K, a pressure of 101.3 kPa and after correction for the water vapour content of the waste gases at a standardised O<sub>2</sub> content of 15% for engines and gas turbines. Only required for SGs operating greater than 500 hours per year see 3.1.3 but still needed for 1.1Bs if less than 500 hours per year see above.

## Schedule 4 – Reporting

Parameters, for which reports shall be made, in accordance with conditions of this permit, are listed below.

<b>Table S4.1 Reporting of monitoring data</b>			
<b>Parameter</b>	<b>Emission or monitoring point/reference</b>	<b>Reporting period</b>	<b>Period begins</b>
Emissions to air Parameters as required by condition 3.4.1.	A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, A11, A12, A13, A14	Annually <sup>(1)</sup>	22/11/19

Notes:

<sup>(1)</sup>: For plants which operate for less than 500 hours per year, the minimum monitoring frequency is once every 500 operating hours or once every 5 years, whichever comes first.

<b>Table S4.2 Reporting forms</b>		
<b>Media/parameter</b>	<b>Reporting format</b>	<b>Date of form</b>
Air	Form air 1 or other form as agreed in writing by Natural Resources Wales	22/11/19

# Schedule 5 – Notification

These pages outline the information that the operator must provide.

Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

If any information is considered commercially confidential, it should be separated from non-confidential information, supplied on a separate sheet and accompanied by an application for commercial confidentiality under the provisions of the EP Regulations.

## Part A

Permit Number	
Name of operator	
Location of Facility	
Time and date of the detection	

<b>(a) Notification requirements for any malfunction, breakdown or failure of equipment or techniques, accident, or emission of a substance not controlled by an emission limit which has caused, is causing or may cause significant pollution</b>	
<b>To be notified within 24 hours of detection</b>	
Date and time of the event	
Reference or description of the location of the event	
Description of where any release into the environment took place	
Substances(s) potentially released	
Best estimate of the quantity or rate of release of substances	
Measures taken, or intended to be taken, to stop any emission	
Description of the failure or accident.	

<b>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection unless otherwise specified below</b>	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value and uncertainty	
Date and time of monitoring	

<b>(b) Notification requirements for the breach of a limit</b>	
<b>To be notified within 24 hours of detection unless otherwise specified below</b>	
Measures taken, or intended to be taken, to stop the emission	

<b>Time periods for notification following detection of a breach of a limit</b>	
<b>Parameter</b>	<b>Notification period</b>

<b>(c) Notification requirements for the detection of any significant adverse environmental effect</b>	
<b>To be notified within 24 hours of detection</b>	
Description of where the effect on the environment was detected	
Substances(s) detected	
Concentrations of substances detected	
Date of monitoring/sampling	

## **Part B – to be submitted as soon as practicable**

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission	
The dates of any unauthorised emissions from the facility in the preceding 24 months.	

Name*	
Post	
Signature	
Date	

\* authorised to sign on behalf of the operator

## Schedule 6 – Interpretation

“accident” means an accident that may result in air pollution.

“application” means the application for this permit, together with any additional information supplied by the operator as part of the application and any response to a notice served under Schedule 5 to the EP Regulations.

“authorised officer” means any person authorised by Natural Resources Wales under section 108(1) of The Environment Act 1995 to exercise, in accordance with the terms of any such authorisation, any power specified in section 108(4) of that Act.

“Combined Heat & Power” (CHP) or Cogeneration means the simultaneous generation in one process of thermal energy and electrical or mechanical energy.

“EA TGN M1” means the ‘Environment Agency Technical Guidance Note M1: Sampling Requirements for stack emissions monitoring’, published on Gov.UK.

“EA TGN M2” means the ‘Environment Agency Technical Guidance Note M2: Monitoring of stack emissions to air, published on Gov.UK.

“emissions of substances not controlled by emission limits” means emissions of substances to air from the activities, either from the emission points specified in schedule 3 or from other localised or diffuse sources, which are not controlled by an emission limit.

“EP Regulations” means The Environmental Permitting (England and Wales) Regulations SI 2016 No.1154 and words and expressions used in this permit which are also used in the Regulations have the same meanings as in those Regulations. As amended by the Environmental Permitting (England and Wales) (Amendment Regulations 2018 SI 2018 No. 110

“First put into operation” means when fuel is first combusted in the MCP.

“Limited Operating Hours MCP” means an MCP that meets the requirements of paragraph 8 of Part 2 of Schedule 25A of the EP Regulations.

“MCERTS” means Natural Resources Wales’ Monitoring Certification Scheme.

“Medium Combustion Plant” or “MCP” means a combustion plant with a rated thermal input equal to or greater than 1 MW but less than 50 MW.

“Operating hours” means the time, expressed in hours, during which a combustion plant is operating and discharging emissions into the air, excluding start-up and shut-down periods.

“Specified generator” or “SG” has the meaning given in paragraph 2(1) of Schedule 25B of The Environmental Permitting (England and Wales) (Amendment) Regulations 2018.

“Specified Generator Tranche A” means a generator with a rated thermal input equal to or greater than 1MWth and less than 50MWth will be classed as Tranche A if:

- it came into operation before 1st December 2016, or
- it is the subject of a capacity agreement arising from the 2014 or 2015 capacity auctions (whether or not the generator came into operation before 1<sup>st</sup> December 2016), or
- a Feed-in Tariff preliminary accreditation application was received by the Gas and Electricity Markets Authority(a) before 1st December 2016;

A generator with a rated thermal input of less than 1MWth will be classed as Tranche A if:

- it is the subject of a capacity agreement arising from the 2014, 2015 or 2016 capacity auctions (whether or not the generator came into operation before 1st December 2016), or
- a Feed-in Tariff preliminary accreditation application was received by the Gas and Electricity Markets Authority before 1st December 2017; or
- it is the subject of an agreement to provide balancing services entered into before 31st October 2017

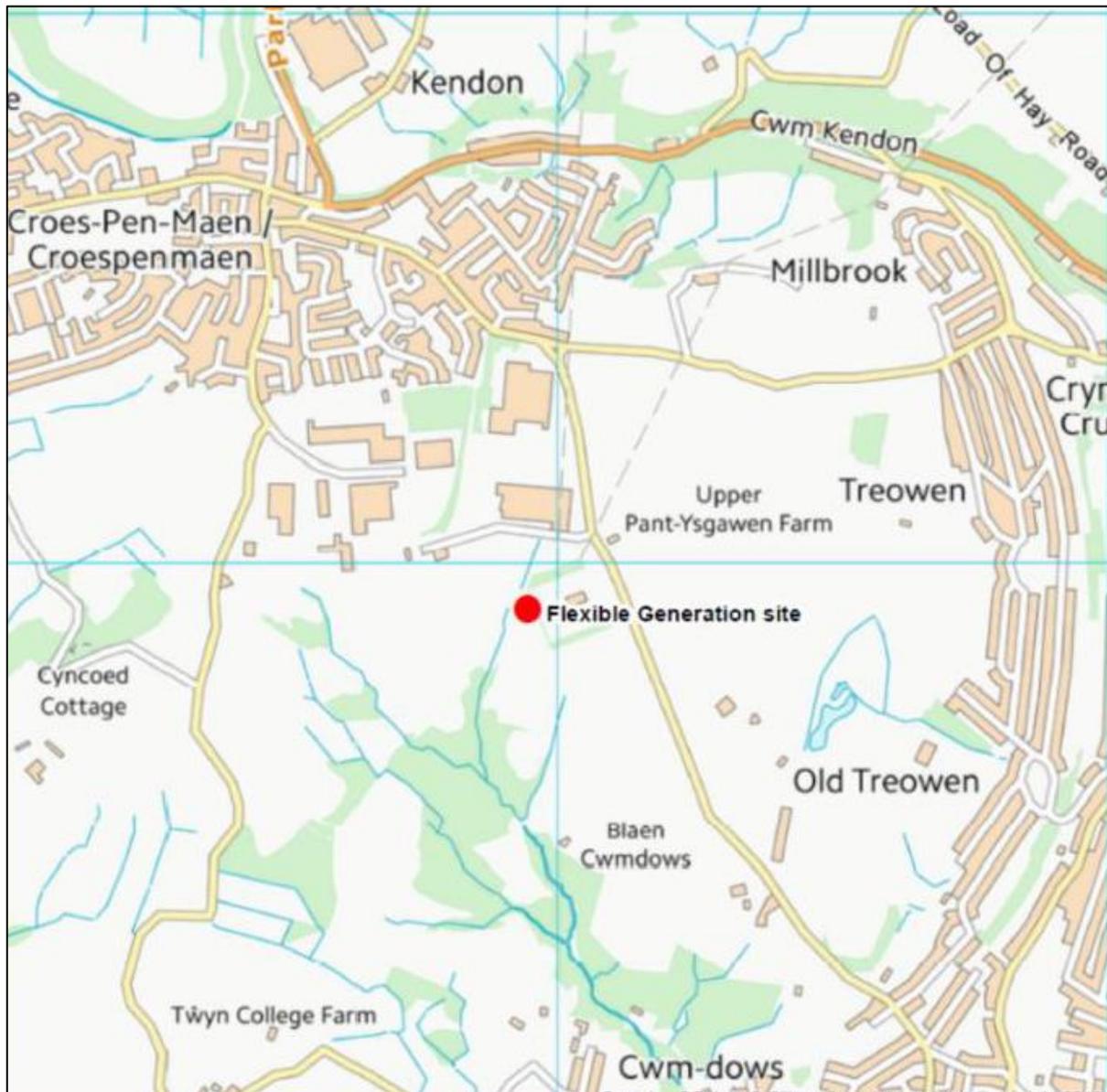
If a capacity agreement or balancing service contract is made after 31 October 2017 then the generator must cease generating under that contract before 31 December 2018 if it is to remain a Tranche A generator and continue to benefit from transitional arrangements; if it does not cease by this date, the generator will become a Tranche B.

Where an aggregator is involved, the date of a capacity agreement is the contract date between the aggregator and the National Transmission System Operator i.e. not the date of the contract between generator operator and aggregator.

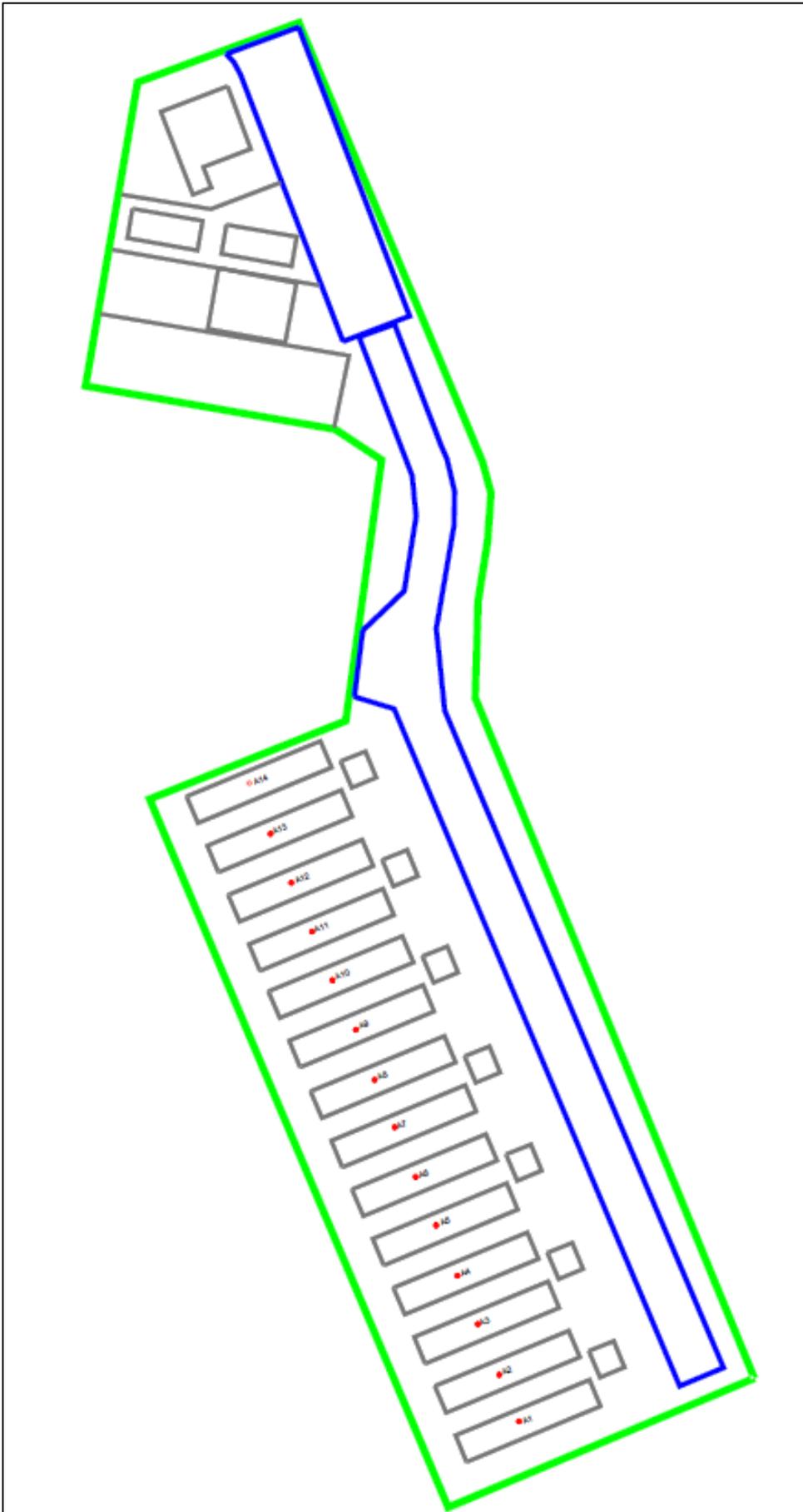
“Specified Generator Tranche B” means all those generators that are not Tranche A.

“year” means calendar year ending 31 December.

## Schedule 7 – Site plan



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END OF PERMIT

Permit Number: PAN-005837 Operator: Flexible Generation Limited

Facility: Pentref Y Groes Form Number: Air1 / 22/11/2019

**Reporting of emissions to air for the period from DD/MM/YYYY to DD/MM/YYYY**

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Uncertainty <sup>[4]</sup>
A1	Oxides of nitrogen (NO and NO <sub>2</sub> expressed as NO <sub>2</sub> )	190 mg/m <sup>3</sup>	Periodic (average over hour)		MCERTS BS EN 14792		
A2							
A3							
A4							
A5							
A6							
A7							
A8							
A9							
A10							
A11							
A12							

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Uncertainty <sup>[4]</sup>
A13							
A14							
A1	Sulphur Dioxide (SO <sub>2</sub> )	S content of fuel limited to 0.1 % weight by weight	N/A see TGN M5 for calculation		MCERTS M5 Annexe A		
A2							
A3							
A4							
A5							
A6							
A7							
A8							
A9							
A10							
A11							
A12							

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Uncertainty <sup>[4]</sup>
A13							
A14							
A1	Dust	10 mg/m <sup>3</sup>	Periodic (average over hour)		MCERTS BS EN 14792		
A2							
A3							
A4							
A5							
A6							
A7							
A8							
A9							
A10							
A11							
A12							

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Uncertainty <sup>[4]</sup>
A13							
A14							
A1	Carbon Monoxide (CO)	No Limit	Periodic (average over hour)		MCERTS BS EN 14792		
A2							
A3							
A4							
A5							
A6							
A7							
A8							
A9							
A10							
A11							
A12							

Emission Point	Substance / Parameter	Emission Limit Value	Reference Period	Result <sup>[1]</sup>	Test Method <sup>[2]</sup>	Sample Date and Times <sup>[3]</sup>	Uncertainty <sup>[4]</sup>
A13							
A14							

- [1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.
- [2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.
- [3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
- [4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed .....  
 (Authorised to sign as representative of Operator)

Date.....