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Wales

Permit with introductory note

The Environmental Permitting (England & Wales) Regulations 2016

**Centrica Distributed Generation
Limited**

**Pencoed Peaking Power Plant
Land to the north of Felindre Road
Pencoed
Bridgend
CF35 5HT**

Permit number
EPR/DB3592HH

Pencoed Peaking Power Plant

Permit number EPR/DB3592HH

Introductory note

This introductory note does not form a part of the permit

The main features of the permit are as follows.

The site is a peaking power plant designed to provide additional power to the grid at times where additional power is required. It comprises 9no. natural gas power engines with a thermal rated input of 10.39MWth. This aggregates to 93.51MWth which makes the listed activity for the site Schedule 1, Part 2, Chapter 1, Section 1.1, Part A 1. The units operate less than 1500 hours per year.

The plant are also Medium Combustion Plant (MCP) and the requirements of Schedule 25A of the EP Regulations apply and are the basis for the limits and monitoring requirements listed within the permit. The details of the plant and associated limits and monitoring requirements are specified in Tables S1.1 and S3.1 of this permit.

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 EPR/DB3592HH/A001 (PAN-026165) | Duly made 31/01/2025 | Application for a Peaking Power Plant was received. |
| Additional information received | 21/02/2025 | Information provided regarding emergency backup generator |
| Additional information received | 27/02/2025 | Updated Air Dispersion Modelling report. |
| Additional information received | 05/03/2025 | Updated Noise Impact Assessment. |
| Additional information received | 07/05/2025 | Updated site plan and NGRs for emission points. |
| Permit determined EPR/DB3592HH/A001 | 27/06/2025 | Permit issued to Centrica Distributed Generation Limited |

End of introductory note

Permit

The Environmental Permitting (England and Wales) Regulations 2016

Permit number

EPR/DB3592HH

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

Centrica Distributed Generation Limited (“the operator”),

whose registered office is

**Millstream,
Maidenhead Road
Windsor
Berkshire
SL4 5GD**

company registration number **04713745**

to operate an installation at

**Pencoed Peaking Power Plant
Land to the north of Felindre Road
Pencoed
Bridgend
CF35 5HT**

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

Signed

Date

| | |
|--------------------|-------------------|
| Holly Noble | 27/06/2025 |
|--------------------|-------------------|

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 pollution, including those arising from operations, maintenance, accidents, incidents, non-conformances, closure 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 The operator shall:

- (a) take appropriate measures to ensure that energy is used efficiently in the activities;
- (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.

1.3 Efficient use of raw materials

1.3.1 The operator shall:

- (a) take appropriate measures to ensure that raw materials and water are used efficiently in the activities;
- (b) maintain records of raw materials and water used in the activities;
- (c) review and record at least every four years whether there are suitable alternative materials that could reduce environmental impact or opportunities to improve the efficiency of raw material and water use; and
- (d) take any further appropriate measures identified by a review.

1.4 Avoidance, recovery and disposal of wastes produced by the activities

1.4.1 The operator shall take appropriate measures to ensure that:

- (a) the waste hierarchy referred to in Article 4 of the Waste Framework Directive is applied to the generation of waste by the activities; and
- (b) any waste generated by the activities is treated in accordance with the waste hierarchy referred to in Article 4 of the Waste Framework Directive; and

- (c) where disposal is necessary, this is undertaken in a manner which minimises its impact on the environment.
- 1.4.2 The operator shall review and record at least every four years whether changes to those measures should be made and 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 (a) 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, table S1.2, unless otherwise agreed in writing by Natural Resources Wales.
- (b) If notified by Natural Resources Wales that the activities are giving rise to 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 S1.2 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.
- 2.3.2 For the following activities referenced in schedule 1, table S1.1 (A1) the activities shall be operated using the techniques and, in the manner, described in schedule 1, table S1.2A.

2.4 Improvement programme

- 2.4.1 The operator shall complete the improvements specified in schedule 1 table S1.3 by the date specified in that table unless otherwise agreed in writing by Natural Resources Wales.
- 2.4.2 Except in the case of an improvement which consists only of a submission to Natural Resources Wales, the operator shall notify Natural Resources Wales within 14 days of completion of each improvement.

3 Emissions and monitoring

3.1 Emissions to water, air or land

- 3.1.1 There shall be no point source emissions to water, air or land 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 Periodic monitoring shall be carried out at least once every 5 years for groundwater and 10 years for soil, unless such monitoring is based on a systematic appraisal of the risk of contamination.

3.2 Emissions of substances not controlled by emission limits

- 3.2.1 Emissions 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 pollution, submit to Natural Resources Wales for approval within the period specified, an emissions management plan which identifies and minimises the risks of 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.
- 3.2.3 All liquids in containers, whose emission to water or land could cause pollution, shall be provided with secondary containment, unless the operator has used other appropriate measures to prevent or where that is not practicable, to minimise, leakage and spillage from the primary container.

3.3 Noise and vibration

- 3.3.1 Emissions from the activities shall be free from noise and vibration 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 noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.
- 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 noise and vibration, submit to Natural Resources Wales for approval within the period specified, a noise and vibration management plan which identifies and minimises the risks of pollution from noise and vibration;

- (b) implement the approved noise and vibration 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 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.
- 3.4.3 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 tables S3.1 and S3.2 unless otherwise agreed in writing by Natural Resources Wales.
- 3.4.4. For the following activities referenced in schedule 1, table S1.1, monitoring shall not take place during periods of start up or shut down
- 3.4.5 For the following activities referenced in schedule 1, table S1.1, 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.
- 3.4.6 For the following activities referenced in schedule 1, table S1.1, the first monitoring measurements shall be carried out
 - (a) For new MCP within four months of the issue date of the permit or the date when the MCP is first put into operation, whichever is later.

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, or in the case of the following records until permit surrender:
 - (i) off-site environmental effects; and
 - (ii) matters which affect the condition of the land and groundwater.
- 4.1.2 The operator shall keep on site all records, plans and the management system required to be maintained by this permit, unless otherwise agreed in writing by Natural Resources Wales.

- 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 MCP and/or Specified 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 A report or reports on the performance of the activities over the previous year shall be submitted to Natural Resources Wales by 31 January (or other date agreed in writing by Natural Resources Wales) each year. The report(s) shall include as a minimum:
 - (a) a review of the results of the monitoring and assessment carried out in accordance with the permit including an interpretive review of that data;
 - (b) the annual production / treatment data set out in schedule 4 table S4.2; and
 - (c) the performance parameters set out in schedule 4 table S4.3 using the forms specified in table S4.4 of that schedule.
- 4.2.3 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 S4.4 ; and
 - (c) giving the information from such results and assessments as may be required by the forms specified in those tables.
- 4.2.4 The operator shall, unless notice under this condition has been served within the preceding four years, submit to Natural Resources Wales, within six months of receipt of a written notice, a report assessing whether there are other appropriate measures that could be taken to prevent, or where that is not practicable, to minimise pollution.

4.3 Notifications

- 4.3.1 (a) In the event that the operation of the activities gives rise to an incident or accident which significantly affects or may significantly affect the environment, the operator must immediately—
 - (i) inform Natural Resources Wales,
 - (ii) take the measures necessary to limit the environmental consequences of such an incident or accident, and
 - (iii) take the measures necessary to prevent further possible incidents or accidents;
- (b) in the event of a breach of any permit condition 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;
 - (c) in the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment, the operator must immediately suspend the operation of the activities or the relevant part of it until compliance with the permit conditions has been restored.
- 4.3.2 Any information provided under condition 4.3.1 shall be confirmed by sending the information listed in schedule 5 to this permit within the time period specified in that schedule.
- 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:

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

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

Table S1.1 activities

| Activity reference | Activity listed in the EP Regulations | Description of Specified Activity | Fuel | Limits of specified activity |
|-------------------------------------|--|---|---------------|---|
| A1 | S1.1 Part A (1) (a) Burning any fuel in an appliance with a rated thermal input of 50 or more Megawatts thermal. Schedule 25A Medium Combustion Plant | 9 x 10.39MWth Gas Fired Engines. Aggregates to 93.51MWth As detailed in Schedule 8. | Natural gas | <1500 operating hours per MCP per annum Includes nine 12m stacks and the associated devices and systems for controlling combustion conditions and emissions. |
| Directly Associated Activity | | | | |
| A2 | Directly Associated Activity | Emergency Diesel Generator 1 x 555KWth | Diesel | Only to be used in the case of a power outage on site, or for testing. |
| A3 | Directly Associated Activity | Fuel Storage | Diesel | From the receipt of diesel to the use in the emergency diesel generator. |
| A4 | Directly Associated Activity | Clean Oil Storage Tank 10,000L | Oil | |
| A5 | Directly Associated Activity | Waste Oil Storage Tank 10,000L | Oil | |
| A6 | Directly Associate Activity | Surface Water Drainage | N/A | Clean, rainfall dependant drainage from areas of the site not used in connection with the permitted activity. |

Table S1.2 Operating techniques

| Description | Parts | Date Received |
|--|---|----------------------|
| Response to request for information dated 05/12/2024 | Environmental Permitting Technical Requirements ECL Ref: CENT.31.02/EPTR Date: January 2025 Issue: Issue 2 Sections: - 5.7 Noise Emissions - 6. Resource Efficiency - 7. Best Available Technical Assessment | 14/01/2025 |
| Response to request for further information dated 16/04/2025 | General Site Plan: Showing Environmental Permit Boundary. Drawing No C5359-GA-006. | 07/05/2025 |

Table S1.2A Operating techniques for Medium Combustion Plant as detailed in Schedule 8**Description**

Each MCP must be operated in accordance with the manufacturer's instructions and records must be made and retained to demonstrate this

The operator must keep periods of start-up and shut-down of each MCP as short as possible

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

Table S1.3 Improvement programme requirements

| Reference | Requirement | Date |
|------------------|---|------------------------------|
| IC 1 | Following successful commissioning and establishment of routine steady operation, the Operator shall undertake a BS 4142:2014+A1:2019 noise impact assessment following guidance set out in Noise and Vibration Management: Environmental Permits and Method implementation document (MID) for BS 4142, to demonstrate that impacts do not exceed those specified in the permitting stage Noise Impact Assessment (Document Reference: CENT.31.01/ADM Issue 3 – Dated February 2025). | 6 months after permit issue. |

Schedule 2 - Waste types, raw materials and fuels

Table S2.1 Raw materials and fuels

| Raw materials and fuel description | Specification |
|---|----------------------|
| Non - Specified. | Non Specified |

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 NGR: SS 96833 81389 | Natural gas fired unit | Carbon Monoxide (CO) | No limit set | Periodic | Annually | MCERTS BS EN 15058 |
| | | Oxides of nitrogen (NO ₂ and NO expressed as NO ₂) | 95 | Periodic (average over one hour) | Annually | MCERTS BS EN 14792 |
| A2 NGR: SS 96833 81393 | Natural gas fired unit | Carbon Monoxide (CO) | No limit set | Periodic | Annually | MCERTS BS EN 15058 |
| | | Oxides of nitrogen (NO ₂ and NO expressed as NO ₂) | 95 | Periodic (average over one hour) | Annually | MCERTS BS EN 14792 |
| A3 NGR: SS 96832 81398 | Natural gas fired unit | Carbon Monoxide (CO) | No limit set | Periodic | Annually | MCERTS BS EN 15058 |
| | | Oxides of nitrogen (NO ₂ and NO expressed as NO ₂) | 95 | Periodic (average over one hour) | Annually | MCERTS BS EN 14792 |
| A4 NGR: SS 96831 81402 | Natural gas fired unit | Carbon Monoxide (CO) | No limit set | Periodic | Annually | MCERTS BS EN 15058 |
| | | Oxides of nitrogen (NO ₂ and NO expressed as NO ₂) | 95 | Periodic (average over one hour) | Annually | MCERTS BS EN 14792 |
| A5 NGR: SS 96831 81407 | Natural gas fired unit | Carbon Monoxide (CO) | No limit set | Periodic | Annually | MCERTS BS EN 15058 |
| | | Oxides of nitrogen (NO ₂ and NO expressed as NO ₂) | 95 | Periodic (average over one hour) | Annually | MCERTS BS EN 14792 |

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 |
|---|-----------------------------------|---|-------------------------------|----------------------------------|-----------------------------|--------------------------------------|
| A6 NGR: SS 96830 81411 | Natural gas fired unit | Carbon Monoxide (CO) | No limit set | Periodic | Annually | MCERTS BS EN 15058 |
| | | Oxides of nitrogen (NO ₂ and NO expressed as NO ₂) | 95 | Periodic (average over one hour) | Annually | MCERTS BS EN 14792 |
| A7 NGR: SS 96830 81415 | Natural gas fired unit | Carbon Monoxide (CO) | No limit set | Periodic | Annually | MCERTS BS EN 15058 |
| | | Oxides of nitrogen (NO ₂ and NO expressed as NO ₂) | 95 | Periodic (average over one hour) | Annually | MCERTS BS EN 14792 |
| A8 NGR: SS 96829 81420 | Natural gas fired unit | Carbon Monoxide (CO) | No limit set | Periodic | Annually | MCERTS BS EN 15058 |
| | | Oxides of nitrogen (NO ₂ and NO expressed as NO ₂) | 95 | Periodic (average over one hour) | Annually | MCERTS BS EN 14792 |
| A9 NGR: SS 96828 81424 | Natural gas fired unit | Carbon Monoxide (CO) | No limit set | Periodic | Annually | MCERTS BS EN 15058 |
| | | Oxides of nitrogen (NO ₂ and NO expressed as NO ₂) | 95 | Periodic (average over one hour) | Annually | MCERTS BS EN 14792 |
| A10 | 555 KWth Back up diesel generator | - | - | - | - | - |

Table S3.2 Point Source emissions to water (other than sewer) and land – emission limits and monitoring requirements

| Emission point ref. & location | Source | Parameter | Limit (incl. unit) | Reference Period | Monitoring frequency | Monitoring standard or method |
|---|-------------------------------------|------------------|---------------------------|-------------------------|-----------------------------|--------------------------------------|
| W1 on site plan in schedule 7 emission to surface water sewer | Uncontaminated site surface run-off | - | - | - | - | - |

Schedule 4 - Reporting

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

| Table S4.1 Reporting of monitoring data | | | |
|---|---|--|----------------------|
| Parameter | Emission or monitoring point/reference | Reporting period | Period begins |
| Emissions to air Parameters as required by condition 3.4.1. | A1, A2, A3, A4, A5, A6, A7, A8, A9 | Within 4 months of the issue date of the permit or when the MCP is first put into operation whichever is later, then every year thereafter | 1 January |

| Table S4.2: Annual production/treatment | |
|--|--------------|
| Parameter | Units |
| None set | None set |

| Table S4.3 Performance parameters | | |
|--|--------------------------------|--------------|
| Parameter | Frequency of assessment | Units |
| Energy usage | Annually | MWh |

| Table S4.4 Reporting forms | | |
|-----------------------------------|---|---------------------|
| Media/parameter | Reporting format | Date of form |
| Air | Form air 1 or other form as agreed in writing by Natural Resources Wales | 27/06/2025 |
| Energy usage | Form energy 1 or other form as agreed in writing by Natural Resources Wales | 27/06/2025 |

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 | |

| | |
|--|--|
| (a) Notification requirements for any activity that gives rise to an incident or accident which significantly affects or may significantly affect the environment | |
| To be notified within 24 hours of detection | |
| 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) Notification requirements for the breach of a permit condition | |
| To be notified within 24 hours of detection unless otherwise specified below | |
| Emission point reference/ source | |
| Parameter(s) | |
| Limit | |
| Measured value and uncertainty | |
| Date and time of monitoring | |
| Measures taken, or intended to be taken, to stop the emission | |

| | |
|---|----------------------------|
| Time periods for notification following detection of a breach of a limit | |
| Parameter | Notification period |
| | |

| | |
|--|--|
| | |
| | |

| | |
|---|--|
| (c) In the event of a breach of permit condition which poses an immediate danger to human health or threatens to cause an immediate significant adverse effect on the environment: | |
| To be notified within 24 hours of detection | |
| 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 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 and power*” (CHP) or Cogeneration means the simultaneous generation in one process of thermal energy and electrical or mechanical energy.

In relation to MCP, “*compliance date*” means 01/01/2025 for existing MCPs and a tranche A specified generator with net rated thermal input of greater than 5MW or 01/01/2030 for existing MCPs and a tranche A specified generator with a net rated thermal input of less than or equal to 5MW.

“*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.

“*first put into operation*” means that the plant must have been fired with its design fuel up to its full load. This can be, but does not have to be, during commissioning.

“*groundwater*” means all water, which is below the surface of the ground in the saturation zone and in direct contact with the ground or subsoil.

“*MCERTS*” means the Environment Agency’s 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.

“*Medium Combustion Plant Directive*” or “*MCPD*” means Directive 2015/2193/EU of the European Parliament and of the Council on the limitation of emissions of certain pollutants into the air from medium combustion plants.

“*new MCP*” means an MCP first put into operation on or after 20/12/2018.

In relation to MCP, “*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.

“*quarter*” means a calendar year quarter commencing on 1 January, 1 April, 1 July or 1 October.

“*specified generator*” has the meaning given in paragraph 2(1) of Schedule 25B of The EP Regulations

“*tranche A generator*” has the meaning given in paragraph 3(3) of schedule 25B of The EP Regulations.

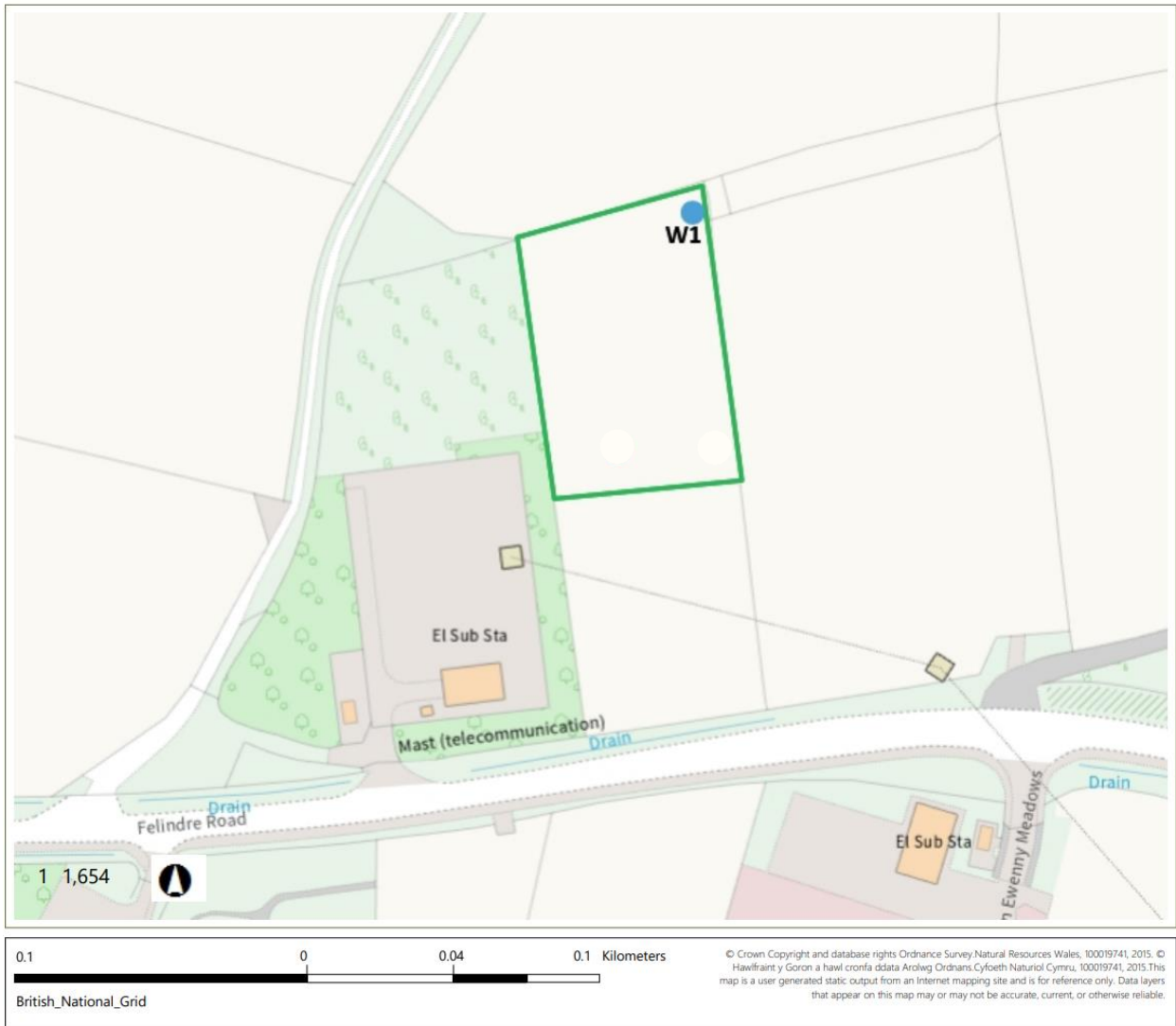
“*tranche B generator*” is any generator that is not a Tranche A generator.

“*year*” means calendar year ending 31 December.

Unless otherwise stated, any references in this permit to concentrations of substances in emissions into air means:

- (a) in relation to emissions from combustion processes, the concentration in dry air at a temperature of 273K, at a pressure of 101.3 kPa and with an oxygen content of 15% dry for liquid and gaseous fuels, 6% dry for solid fuels.
- (b) in relation to emissions from non-combustion sources, the concentration at a temperature of 273K and at a pressure of 101.3 kPa, with no correction for water vapour content.

Schedule 7 - Site plan



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Schedule 8 – Annex I of MCPD

| | |
|--|--|
| 1. Rated thermal input (MW) of the medium combustion plant. | The rated thermal input of each natural gas peaking engine is: A1: 10.39MWth A2: 10.39MWth A3: 10.39MWth A4: 10.39MWth A5: 10.39MWth A6: 10.39MWth A7: 10.39MWth A8: 10.39MWth A9: 10.39MWth Total Aggregate thermal input is 93.5MWth |
| 2. Type of the medium combustion plant (diesel engine, gas turbine, dual fuel engine, other engine or other medium combustion plant). | Other engine |
| 3. Type and share of fuels used according to the fuel categories laid down in Annex II. | Natural gas (100%) |
| 4. Date of the start of the operation of the medium combustion plant or, where the exact date of the start of the operation is unknown, proof of the fact that the operation started before 20 December 2018. | Post 2018 new MCP |
| 5. Sector of activity of the medium combustion plant or the facility in which it is applied (NACE code). | D35.1.1 Production of electricity |
| 6. Expected number of annual operating hours of the medium combustion plant and average load in use. | <1500 hours per annum 100% (or ~17% of the annual load) |
| 7. Where the option of exemption under Article 6(3) or Article 6(8) is used, a declaration signed by the operator that the medium combustion plant will not be operated more than the number of hours referred to in those paragraphs. | N/A Operational up to <1500hours |
| 8. Name and registered office of the operator and, in the case of stationary medium combustion plants, the address where the plant is located. | Registered Office: Centrica Distributed Generation Limited Millstream, Maidenhead Road Windsor Berkshire SL4 5GD The permitted facility is located: Pencoed Peaking Power Plant Land to the north of Felindre Road Pencoed Bridgend CF35 5HT |

END OF PERMIT.