



**ENVIRONMENT
AGENCY**

Variation Notice with introductory note

Pollution Prevention and Control (England & Wales) Regulations 2000

Bryn Pica Generation Plant

**Novera Energy Generation No2 Limited
Bryn Pica Landfill Site
Llwydcoed
Aberdare
Mid Glamorgan
CF44 0BX**

**Variation Notice Number
DP3438MQ**

**Permit number
XP3436SY**

Bryn Pica Generation Plant

Permit Number XP3436SY

Introductory note

This introductory note does not form a part of the permit

The following notice is issued under Regulation 17 of The Pollution Prevention and Control (England and Wales) Regulations 2000 (S.I.2000 No. 1973 (as amended) (the Regulations) to vary the conditions of a permit issued under the Regulations to operate part of an installation. The notice comprises schedule 1 containing conditions to be deleted, schedule 2 conditions to be amended and schedule 3 conditions to be added.

The reason for the variation is that Permit XP3436SY only authorised the combustion of landfill gas in a single spark ignition engine (a Caterpillar 3520 model, gross output 1,500kW). The Operator has proposed to vary the prescribed activities undertaken at the Site, by adding a second engine (a Caterpillar 3516 model, gross output of 1,136kW)

Status Log of the permit		
Detail	Date	Response Date
Application XP3436SY	Received 06/05/05	Duly made letter 18/05/05
Additional Information received	Not applicable	
Permit determined	08/11/05	
Variation notice DP3438MQ issued	25/01/07	

Other PPC permits relating to this installation		
Operator	Permit Number	Date of Issue
Cynon Valley Waste Disposal Company Limited	DP3732SQ	20/06/06

Superseded or Partially Superseded Licences/Authorisations/Consents relating to this installation			
Holder	Reference Number	Date of Issue	Fully or Partially Superseded
Cynon Valley waste Disposal Company Limited	2/93 (EAWML/30104)	20/07/93	Partially superseded
Amgen Cymru	AN0335101	14/08/03	Fully superseded

Other existing Licences/Authorisations/Registrations relating to this site		
Holder	Reference Number	Date of Issue
None		

End of Introductory Note

Variation Notice

Pollution Prevention and Control
(England and Wales) Regulations 2000

Variation Notice

Permit number

XP3436SY

Variation number

DP3438MQ

The Environment Agency (the Agency) in exercise of its powers under Regulation 17 of the Pollution Prevention and Control (England and Wales) Regulations 2000 (SI 2000 No 1973) hereby varies the permit held by you

Novera Energy Generation No2 Limited ("the operator"),

whose registered office (or principal office) is

2nd Floor, The Malt Buildings

Wilderspool Park

Stockton Heath

Warrington

Cheshire

WA4 6HL

company registration number 2366593

to operate part of an installation at

Bryn Pica Generation Plant

Bryn Pica Landfill Site

Llwydcoed

Aberdare

Mid Glamorgan

CF44 0BX

to the extent set out in schedules 1 to 3 of this variation notice .

The notice shall take effect from 25 January 2007

Signed

Date

	25/01/07
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Christopher Wright – Team Leader Regulatory Waste

Authorised to sign on behalf of the Agency

SCHEDULE 1 – CONDITIONS TO BE DELETED

1. The following conditions and tables are deleted:

Table 1.4.1 – in relation to IP1, IP2, IP3, IP4, IP6, IP9, IP10 and IP12.

SCHEDULE 2 – CONDITIONS TO BE AMENDED

2. The following conditions and tables are amended as follows:

Condition 1.2.1

1.2.1 The activities authorised under condition 1.1.1 shall not extend beyond the Site, being the land shown edged in red on the Site Plan at Schedule 5 to this Permit, which is within the area of the installation as defined in permit reference DP3732SQ.

Table 2.1.1 is amended as follows:

Table 2.1.1: Operating techniques		
Description	Parts	Date Received
Application	The response to questions 2.1 and 2.2 and given in pages 9 to 20, section 2.1 and 2.2 of the application Supplementary Technical Information Report 14150.	06/05/05
Variation application	The response to questions C2.1 and C2.2 and given in pages 13 to 20, section 2.1 and 2.2 of the application Supplementary Technical Information Report 15741.	09/11/06

Table 2.2.1 is amended as follows:

Table 2.2.1 : Emission points to air			
Emission reference description	point or	Source	Location of emission point
A1, A2 Engine stacks		Exhaust of landfill gas spark ignition engines	Shown on Figure 1.2 schematic drawing, project title 'Bryn Pica LFG generation plant' and Figure 2.2 'Photograph of the Bryn Pica generating plant'. on page 15 of Supplementary Technical Information Report 15741

Table 2.2.2 is amended as follows:

Table 2.2.2 : Emission limits to air and monitoring					
Emission point reference	Parameter	Limit (mg/m ³) ¹	Monitoring frequency	Reference period	Monitoring method
A1, A2	Nitrogen Oxides (NOx)	650	By 30/09/07, then annually	Hourly mean	As documented in Agency's Guidance for Monitoring Landfill Gas Engine Emissions LFTGN 08.
A1, A2	Carbon Monoxide (CO)	1500	By 30/09/07, then annually	Hourly mean	As documented in Agency's Guidance for Monitoring Landfill Gas Engine Emissions LFTGN 08.
A1, A2	Total Volatile Organic Compounds (VOC's)	1750	By 30/09/07, then annually	Hourly mean	As documented in Agency's Guidance for Monitoring Landfill Gas Engine Emissions LFTGN 08.
A1, A2	Non Methane Volatile Organic Compounds (NMVOC's)	150	By 30/09/07, then annually	Hourly mean	As documented in Agency's Guidance for Monitoring Landfill Gas Engine Emissions LFTGN 08.

Note 1: See Section 6 for reference conditions

Interpretation 6.1.3 with respect to 'references in this permit to concentrations of substances in emissions into air' is amended as follows:

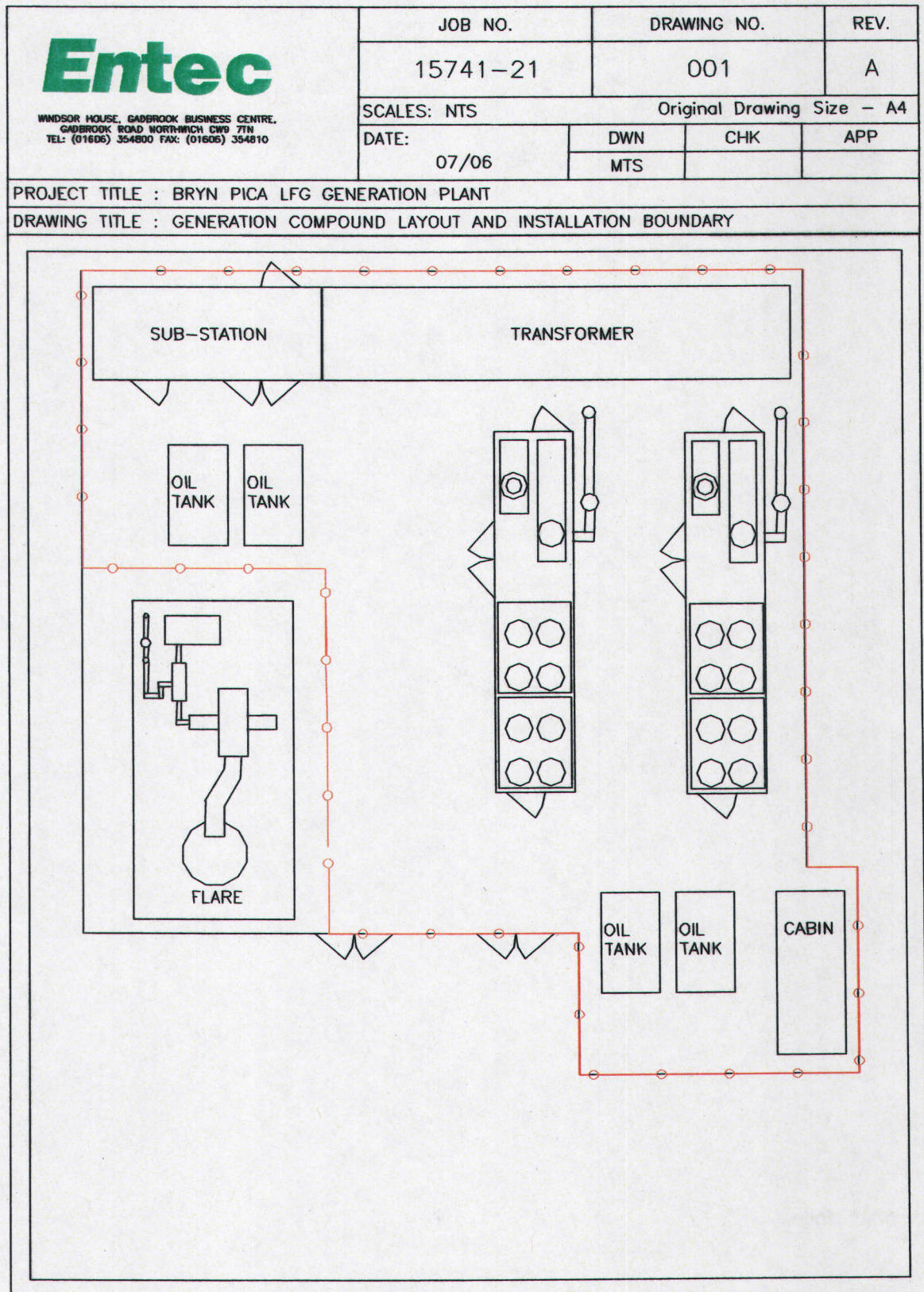
- 6.1.3 Unless otherwise stated, any references in this Permit to concentrations of substances in emissions into air means the standards included in Environment Agency Guidance for Monitoring Landfill Gas Engine Emissions LFTGN 08.

Table S2 is amended as follows:

Table S2: Reporting of monitoring data			
Parameter	Emission point	Reporting period	Period begins
Oxides of Nitrogen	A1, A2	Annually	31 January 2007
Carbon Monoxide	A1, A2	Annually	31 January 2007
Total Volatile Organic Compounds (VOCs)	A1, A2	Annually	31 January 2007
Non methane VOCs (NMVOCs)	A1, A2	Annually	31 January 2007
Energy usage		Annually	31 January 2007
Waste disposal and/or recovery		Annually	31 January 2007
Water usage		Annually	31 January 2007

See section 6 for reference conditions

Site Plan is amended as follows:



SCHEDULE 3 – CONDITIONS TO BE ADDED

3. None

End of Notice