

### Please find attached your:

# FCI Energy Residential <10Ha

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**Energy & Infrastructure** 



## **▶** Report Details

Address: Requested by:

Sample, Sample Sample

**Grid Reference:** Date:

**E:** 123456 | **N:** 123456 27/04/2018

**Report Reference:** Report ID: Sample 1000072155

## **▶** Professional Opinion

1.ENERGY & INFRASTRUCTURE

**PASS** 

► Consideration(s):

1.04 EMFs1.22 Railways1.20 Power Stations1.23 Solar Farms



## **▶** Subject Site





Air Quality Index. Now available in FCI Premium searches

This page should always be read in conjunction with the full report. The Professional Opinion indicates the potential risks and any other potential issues associated with the property. The results should be disclosed to client and/or lender and/or insurer as appropriate.

- A **Pass**' is given if no potential property specific risk has been identified.
- A 'Pass with Considerations' is given where there are potential hazards in the locality to bear in mind, or if there are features nearby which some clients might consider could affect them.
- A 'Further Action' is given if there is a potential property specific risk and a further action is advised.

In the event of a request to review the Professional Opinion based on additional information, or if there are any technical queries, the professional advisor who ordered the report should contact us at info@futureclimateinfo.com, or call us on 01732 755 180.

Sawel Code 1







Assessed by:

FCI Risk Team

LIMITED

www.futureclimateinfo.com/team

#### Regulated by RICS

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## 1. ENERGY & INFRASTRUCTURE

#### 1.01 Energy Map



#### 1.03 Carbon Capture & Storage

**PASS** 

Data provided by the Department for Business, Energy & Industrial Strategy (BEIS) indicates that the property is not within 1000 metres of any underground Carbon Storage Activities.

It should be noted that, in the UK all carbon storage sites are to be located under the seabed beneath the North Sea.

### 1.04 Electrical Infrastructure | Electricity Pylons

PASS (WITH CONSIDERATIONS)

Data provided by the Ordnance Survey indicates that the property is within 250 metres of one or more major electricity pylons.

Electric and Magnetic Fields (EMFs) are produced wherever electricity is used. There are guidelines to limit exposure to electric and magnetic fields (exposures in the home are usually well below these guideline levels). There is no definitive evidence to link EMFs to both long and short term health risks.

If you are concerned about EMFs further information and advice is available from Public Health England at www.gov.uk/government/collections/electromagnetic-fields, or from www.emfs.info.

<u>CONSIDERATIONS:</u> Electrical infrastructure can emit Electric and Magnetic Fields (EMFs). National Grid operate an EMF Unit for those concerned about nearby electricity equipment. They can provide relevant information, and if necessary will undertake field measurements. For further information, contact the EMF Unit on 0845 702 3270 or by email at emfhelpline@nationalgrid.com. However, you can also measure EMFs yourself with the use of a gaussmeter, which can be purchased online.

#### 1.05 Electrical Infrastructure | Overhead Power Lines

**PASS** 





Data provided by the Ordnance Survey indicates that the property is not within 250 metres of any major overhead electricity transmission lines.

#### 1.06 Electrical Infrastructure | Power Cables and Lines

Data provided by the National Grid indicates that the property is not within 250 metres of any power lines or cables.

#### 1.07 Electrical Infrastructure | Substations

**PASS** 

**PASS** 

Data provided by the Ordnance Survey indicates that the property is not within 25 metres of any electricity substations.

#### 1.08 Hydropower | Existing

**PASS** 

Data provided by the Environment Agency indicates that the property is not within 250 metres of a Hydropower Generation Scheme.

#### 1.09 Hydropower | Potential

**PASS** 

Data provided by the Environment Agency indicates that the property is not within 250 metres of a potential hydropower opportunity.

#### 1.10 Major Energy Infrastructure | Gas Pipe

**PASS** 

Data provided by the National Grid indicates that the property is not within 250 metres of a high pressure gas pipeline.

### 1.11 Major Energy Infrastructure | Gas Site

**PASS** 

Data provided by the National Grid indicates that the property is not within 250 metres of a high pressure gas facility.

#### 1.12 Major Infrastructure Projects | Crossrail

PASS

Data provided by Crossrail indicates that the property is not within 1000 metres of a Crossrail construction programme.

#### 1.13 Major Infrastructure Projects | HS2

**PASS** 

Data provided by High Speed 2 (HS2) indicates that the property is not within 3000 metres of the HS2 Route, as announced in July 2017.

#### 1.14 Major Infrastructure Projects | Thames Tideway Tunnel

**PASS** 

Infrastructure planning data indicates that the property is not within 500 metres of the Thames Tideway Tunnel.

#### 1.15 Oil and Gas | Invitation Area (inc. Shale Gas)

**PASS** 

Data provided by the Department for Business, Energy & Industrial Strategy (BEIS) indicates that the property is within an area for which Petroleum Exploration and Development Licence (PEDL) applications have been invited in the 14th Landward Licensing Round. Please bear in mind that these areas are quite large, almost half of the country was included in the 14th round.

The main reason for the 14th Round was to facilitate exploration for shale gas. Shale gas (methane) is trapped in impermeable shale rock. Hydraulic fracturing (or 'fracking') of the shale rock enables the shale gas to flow. Fracking has been used in the UK for many years but recent improvements in technology have made the exploitation of shale gas reservoirs more economical.

### **Energy & Infrastructure**



A PEDL is the first step to starting drilling, but it does not imply prior consent to actual activities. An operator wishing to drill an exploratory well must first negotiate access with landowners, as well as obtain consents form a number of bodies, including planning permission and environmental permits. BEIS will only give consent to drill once the planning authority has granted permission to drill, and if the relevant planning conditions have been discharged. An operator wishing to start production from a development site must start again with the permissions process.

If a PEDL licence is granted, it will appear below, under 'Oil and Gas | Current and Historic Sites'.

#### 1.16 Oil and Gas | Offered Blocks (inc. Shale Gas)

**PASS** 

Data provided by the Oil and Gas Authority (OGA) indicates that the property is not within 25 metres of an area ("Block") which was formally offered to companies in the 14th Round of Oil and Gas Licensing in August 2015.

Please note that a "block" is an area of land, typically 10km x 10km. No licences were issued on that date, successful companies for the 27 blocks that were offered in August 2015 were notified that they are going to be awarded a licence when the Habitats Regulations Assessments (HRA) for a further 132 blocks are completed.

#### 1.17 Oil and Gas | Licensed Areas (inc. Shale Gas)

**PASS** 

Data provided by the Department for Business, Energy & Industrial Strategy (BEIS) indicates that the property is in or within 25 metres of an area that is licensed for onshore Petroleum Exploration and Development.

This does not necessarily mean that shale gas, mine gas, coal bed methane, or conventional oil and gas exploration will occur, only that a licensee has the right to drill and explore within the area/block, subject to the necessary permissions.

Any available licence data will appear below. If there is any drilling/well information in relation to a site currently operating under a PEDL licence it will appear under 'OIL AND GAS I CURRENT AND HISTORIC SITES'

Licence Reference	Organisation	Distance	Source
PEDL252	ADAMO ENERGY (UK) LIMITED, COASTAL OIL AND GAS LIMITED	0,m	BEIS

#### 1.18 Oil and Gas | Current and Historic Sites

**PASS** 

Data provided by the Department for Business, Energy & Industrial Strategy (BEIS) indicates that the property is not within 5000 metres of one or more sites that currently or formerly held a Petroleum Exploration and Development Licence (PEDL).

#### 1.19 Oil and Gas | Underground Coal Gasification

**PASS** 

Data provided by the Department for Business, Energy & Industrial Strategy (BEIS), indicates that the property is not within 5000 metres of any sites that are currently licensed for underground coal gasification.

#### 1.20 **Power Stations**

PASS (WITH CONSIDERATIONS)

Data provided by the Department for Business, Energy & Industrial Strategy (BEIS), indicates that the property is within 3000 metres of an active power station.

Any infrastructure project has the potential to create blight caused by the uncertainty as to the project outcomes and this can affect the ability to buy and sell property in the affected areas. If any related data is available it will appear below.

Site Name	Company	Address	Technology	Distance	Source
		Former Astra Fireworks Site			
Former Astra Fireworks Site	SITVIIK	Richborough,	EfW Incineration	713 m	BEIS
	SITA OR	Nr Sandwich,	LIVV IIICIIICI ation		
		Kent			

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Discovery Park Estover Energy

Ramsgate Road, Sandwich, Kent

Biomass (dedicated)

1321 m

BEIS

<u>CONSIDERATIONS:</u> Electrical Infrastructure can emit Electric and Magnetic Fields (EMFs). National Grid operate an EMF Unit for those concerned about nearby electricity equipment. They can provide relevant information, and if necessary will undertake field measurements. For further information, contact the EMF Unit on 0845 702 3270 or by email at emfhelpline@nationalgrid.com. However, you can also measure EMFs yourself with the use of a gaussmeter, which can be purchased online.

#### 1.21 Power Stations | Nuclear Power

**PASS** 

Data provided by the Ordnance Survey indicates that the property is not within 3000 metres of a nuclear power station.

#### 1.22 Railways

#### PASS (WITH CONSIDERATIONS)

Data provided by Ordnance Survey indicates that the property is located within 100 metres of railway infrastructure. Whereas these are usually obvious features please be aware that there may be associated rail traffic noise and vibrations, and occasional overnight noise from maintenance works. There may also be Japanese Knotweed present on the embankments surrounding the track.

Nearest Surface Route

Route Type	Distance
Surface	8 m

Nearest Tunnel Route

No tunnel route within 100 metres.

Nearest Station

Station Name	Station Type	Distance
Sandwich	Railway Station	639 m

CONSIDERATIONS: Railways can lead to Noise and Vibration which can be disruptive. Additional Noise can occur if the property is near a level crossing or similar, though a Night Time Quiet Period in which horns are only used in an emergency is in operation from 23:00 - 7:00. For more information on how railways can affect your property and who to contact in the event of disruptive noise/vibration please visit: https://www.networkrail.co.uk/communities/lineside-neighbours/noise-and-vibration/.

The presence of Japanese Knotweed can impact on the quiet enjoyment of the property and if located within 7 metres of the dwelling can lead to blight.

#### 1.23 Solar Farms

#### **PASS (WITH CONSIDERATIONS)**

Data provided by the Department for Business, Energy & Industrial Strategy (BEIS) indicates that the property is within 3000 metres of one or more solar farm(s).

Any infrastructure project has the potential to create blight caused by the uncertainty as to the project outcomes and this can affect the ability to buy and sell property in the affected areas. If any related data is available it will appear below.

Contractor/Applicant	Site Name Add	dress	Status	Distance	Source
Vogt Solar	Farr	nd at Marshborough rm, Marshborough, indwich	Planning permission for this project has been granted	1968 m	BEIS

## **Energy & Infrastructure**



Marshborough Land at Marshborough

Farm solar Farm off Ash Road.

Sandwich park

The planning decision on this project was

appealed but the appeal has been

2130 m **BEIS** 

refused

CONSIDERATIONS: As part of your buying decision, you should consider whether Solar Farms will affect your quiet enjoyment of the property.

1.24 Wind Farms **PASS** 

Data provided by Renewable UK indicates that the property is not within 3000 metres of any existing or proposed wind farms.

#### 1.25 Checked Datasets

Vogt Solar

The dataset categories analysed in this section are listed below. For more information, please visit our website.

Electrical Infrastructure | Electricity Pylons Carbon Capture & Storage

Electrical Infrastructure | Power Cables and Lines Electrical Infrastructure | Overhead Power Lines

Electrical Infrastructure | Substations Hydropower | Existing

Major Energy Infrastructure | Gas Pipe Hydropower | Potential

Major Infrastructure Projects | Crossrail Major Energy Infrastructure | Gas Site

Major Infrastructure Projects | Thames Tideway Tunnel Major Infrastructure Projects | HS2

Oil and Gas | Invitation Area (inc. Shale Gas) Oil and Gas | Offered Blocks (inc. Shale Gas) Oil and Gas | Current and Historic Sites Oil and Gas | Licensed Areas (inc. Shale Gas)

Oil and Gas | Underground Coal Gasification **Power Stations** 

Power Stations | Nuclear Power

Solar Farms

Railways

Wind Farms

### **NOTES & GUIDANCE**

#### 2.01 Report Notes

#### **METHODOLOGY**

This report is a desk study risk assessment, and no site or ground inspection or physical investigation has been carried out. The impacts of the risks addressed in this report are normally measured in terms of quiet enjoyment, saleability, mortgageability, and the value of the property; the risk assessment in this report is provided by FCI who are regulated by RICS.

#### 2.02 Standard

#### T&Cs, QUERIES & COMPLAINTS

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2.03 Searchcode T&Cs

#### IMPORTANT CONSUMER PROTECTION INFORMATION

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The Search Code:

Request by: Sample References: Sample Id: 1000072155 Date: 27/04/2018

## **Energy & Infrastructure**



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- Promotes the best practice and quality standards within the industry for the benefit of consumers and property professionals.
- Enables consumers and property professionals to have confidence in firms which subscribe to the code, their products and services.

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Please note that all queries or complaints regarding your search should be directed to your search provider in the first instance, not to TPOs or to the PCCB.

#### **TPOs Contact Details:**

The Property Ombudsman scheme, Milford House, 43-55 Milford Street, Salisbury, Wiltshire SP1 2BP Tel: 01722 333306, Fax: 01722 332296, Email: admin@tpos.co.uk, Web: https://www.tpos.co.uk/You can get more information about the PCCB from www.propertycodes.org.uk

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### 2.04 Report Licensing

**METHODOLOGY** 

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#### 3. USEFUL CONTACTS

Local Authority: Dover District Council Tel: 01304 821 199

Visit: http://www.dover.gov.uk/

Environment Agency | I North Lutra House, Dodd Way, Off Seedlee Road, Bamber Bridge, Preston. PR5 8BX

Tel: 08708 506 506

Visit: www.environment-agency.gov.uk
Email: enquiries@environment-agency.gov.uk

JBA Consulting | South Barn, Broughton Hall, Skipton. BD23 3AE

Tel: 01756 799919

## **Energy & Infrastructure**



Public Health England | Wellington House, 133-155 Waterloo Road, London. SE1 8UG

020 7654 8000 Tel:

Visit: https://www.gov.uk/government/organisations/public-health-england

Email: enquiries@phe.gov.uk

The Coal Authority Property Search Services | 200 Lichfield Lane, Berry Hill, Mansfield, Nottinghamshire. NG18 4RG

0845 762 6848

Visit: www.groundstability.com Email: groundstability@coal.gov.ukss

The British Geological Survey | Environmental Research Centre, Keyworth, Nottingham, NG12 5GG Tel: 0115 936 3143

Visit: http://www.bgs.ac.uk/ Email: enquiries@bgs.ac.uk

Ordnance Survey | Customer Services Ordnance Survey Adanac Drive Southampton SO16 0AS Tel:
Please contact our helpline on 08456 05 05 05 between 8:30am and 5:30pm, Monday to Friday.

If you are calling from outside the UK, please call us on +44 8456 05 05 05 (international calls are charged at the standard rate).

Visit: www.ordnancesurvey.co.uk/

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