

Research and analysis: Renewable energy planning database monthly extract

Updated: August 2018 Renewable Energy Planning Database published.

The Renewable Energy Planning Database (REPD) is updated and published every month.

It provides BEIS with robust data that is used to track renewable electricity projects as they move through the planning system.

The data is used to forecast trends in renewable electricity generation as part of monitoring progress against the UK's renewable energy target. This requires 15% of the UK's energy to come from renewables by 2020.

The REPD also helps us to identify possible issues with the policy, incentive mechanisms and planning process. Other government departments, industry, stakeholders and the public also make use of the database.

The REPD shows projects that have applied for planning permission in the previous month or earlier for projects with a capacity greater than, or equal to, 1MW. It reflects the latest position known to BEIS. The first tab of the Excel spreadsheet sets out the definitions, and the second tab is the database.

Some sites may appear more than once, such as where applications have been re-submitted or a separate application for an extension has been made.

We have archived the October 2014 version of the REPD which was the last version to include projects with a capacity between 10kW and 1MW. We also archived subsequent published versions of the REPD (1MW+ only). Please email REPD.enquiries@beis.gov.uk if you would like any of these versions of the database emailed to you. These older versions will not reflect the latest position on all projects included in the database.

The database sources data mostly from the web and developers. If you have information about a renewable energy scheme not included in this database, or you spot any inaccuracies in the information provided, please let us know via REPD.enquiries@beis.gov.uk.

[Research and analysis: Domestic RHI mechanism for budget management: estimated commitments](#)

Updated: July RHI Budget Caps published.

The quarterly forecast shows the current estimated committed expenditure for the next 12 months based on the number of Domestic Renewable Heat Incentive (RHI) applications and accreditations. It advises whether any tariffs will be reduced, the level of reduction, and what the new tariff(s) will be, and when they will take effect.

The monthly budget forecast will be published by the last day of each month. It includes the current estimated committed expenditure for the next 12 months based on the number of RHI applications received. It is for information only and no reductions to tariffs will be made as a result of the information contains.

[Statutory guidance: Manage your fishing effort: Cod Recovery Zone 2017](#)

Updated: Text updated

The EU Commission has recognised that the Cod Recovery Scheme has become an obstacle to the implementation of the landing obligation. The fishing effort regime has, therefore been discontinued and there will be no need to apply for days at sea to fish in the Cod Recovery Zone in 2018. If you are eligible to fish in the area you should have received a Fishing Authorisation which will permit you to be active in the zones.

If you have a historical track record of fishing in the area but have not received a Fishing Authorisation please contact the Marine Management Organisation (MMO) Effort Management Team on the contact details below.

The following rules apply to the carriage and use of regulated gears in the Cod Recovery Zone ('CRZ') for the 2018-19 management year (which runs from 1st February 2018 to 31st January 2019). The rules apply in the International Council for the Exploration of the Sea ('ICES') areas in the North Sea (ICES Area IIa (EU) & IV), West of Scotland (ICES Area Vb (EU) & VIa), Eastern Channel VIIId and the Irish Sea (ICES Area VIIa).

Compliance with the rules is a requirement of your fishing vessel licence, and there are other conditions on your over ten metre licence which are associated with these rules.

Failure to comply with these rules or any condition of your fishing vessel licence is likely to be investigated and may result in action being taken in line with the Marine Management Organisation's Compliance and Enforcement Strategy, including (where appropriate) prosecution.

These rules may be regularly updated or amended and it is recommended that you check these rules on a regular basis. In addition you should be familiar with the relevant EU and UK national legislation governing the carriage and use of regulated gears in the CRZ including those given below: You can check for [updates](#).

European regulations coming out in January of each year fix the annual fishing opportunities and total allowable catches for certain fish stocks and groups of fish stocks, applicable in Union waters and, for Union fishing vessels, in certain non-Union waters. Other relevant regulations are:

Regulation (EU) 2016/2094 of the European Parliament and of the Council of 23 November 2016 amending Council Regulation (EC) No 1342/2008 establishing a long-term plan for cod stocks and the fisheries exploiting those stocks.

Council Regulation (EC) No 1224/2009 of 20 November 2009; establishing a Community control system for ensuring compliance with the rules of the common fisheries policy, amending Regulations (EC) No 847/96, (EC) No 2371/2002, (EC) No 811/2004, (EC) No 768/2005, (EC) No 2115/2005, (EC) No 2166/2005, (EC) No 388/2006, (EC) No 509/2007, (EC) No 676/2007, (EC) No 1098/2007, (EC) No 1300/2008, (EC) No 1342/2008 and repealing Regulations (EEC) No 2847/93, (EC) No 1627/94 and (EC) No 1966/2006.

COUNCIL REGULATION (EC) No 850/98 of 30 March 1998 for the conservation of fishery resources through technical measures for the protection of juveniles of marine organisms.

1. Eligibility to fish with regulated gears in the Cod Recovery Zone (CRZ)

1.1 A vessel will be eligible to carry and use regulated gears in the CRZ where either:

- the vessel has a record of fishing activity with regulated gear in the years 2006 or 2007; or
- eligibility has been obtained via the transfer of a single licence (or the aggregation of two or more licences) where the originating vessel(s) has such a record of fishing

1.2 Vessels with eligibility may use any of the following gears:

- TR1

- BT1 BT2
- GN1 GT1
- LL1
- TR2
- TR3

2. Carrying regulated gears

Vessels may only transit through the CRZ other than in accordance with these rules if they comply with the requirements set out in articles 29 and 47 of Council Regulation (EC) 1224/2009.

3. TR2 vessels fishing for nephrops in the Irish Sea

To reduce discards it is recommended that a vessel which is to undertake fishing activity in the Irish Sea (ICES Area VIIa) targeting nephrops (i.e. catching 300kg or more of nephrops in any one fishing trip) use one of the approved highly selective gear types. The highly selective gears are:

- (1) 200mm square mesh panel developed for the nephrop fishery in North West England in 2012 and 2013
- (2) 200mm square mesh panel (only available for vessels 12 metres or under in length)
- (3) 300mm square mesh panel
- (4) Seltra '300' trawl
- (5) Seltra '270' trawl
- (6) Faithlie panel
- (7) Flip-Flap trawl
- (8) Net Grid or variants
- (9) Inclined separator panel
- (10) Swedish Grid

For further details please refer to [this guide](#).

4. Transferring eligibility to fish with regulated gear

4.1 Where a vessel owner wishes to transfer eligibility to the licence before a change of ownership of either vessel, licence, or both, they must notify the local MMO coastal office and provide written evidence confirming that this has been agreed by both parties.

4.2 In cases where a vessel with eligibility is sold without its licence and MMO has not been notified of any transfer of eligibility or documentary evidence has not been provided, it will be assumed that eligibility remains with the purchased vessel.

4.3 Where eligibility is obtained via the transfer and combination of two or more licences, each licence must hold eligibility to carry or use regulated

gears within the CRZ. Where eligibility is acquired through combining multiple licences, each of the licences contributing engine power must carry eligibility to fish within the CRZ with regulated gear.

4.4 Where an eligible licence is split, each part of the licence carries the same eligibility as the original licence (unless the part of the licence does not carry engine power).

5. Changing administration

5.1 Changes in administration will only be considered in cases where there is a genuine operational transfer.

Please link to the change in administration application form.

5.2 All requests for changes into English administration by vessels with CRZ eligibility will take into consideration the current eligibility of the vessel and its contribution to the 2004 to 2006 effort baseline. Decisions will be made on a case-by-case basis. Appeals to such decisions can be made by contacting the MMO's Effort Management Team.

5.3 Any vessel currently under English administration wishing to transfer to Scotland, Wales and Northern Ireland must contact the administration it wishes to transfer to in order to ensure their eligibility is transferable.

5.4 Vessels entering English administration will not be eligible to fish in the CRZ until MMO issues an authorisation in writing.

Further information

If you have any queries in relation to any aspect of these rules please contact the MMO's Effort Management Team by:

Telephone number: 0208 225 6947 or email effort@marinemanagement.org.uk

[Transparency data: River and coastal maintenance programmes](#)

Updated: Information updated to reflect the publishing of the 5 year flood and coastal risk management asset maintenance programme

Flood and coastal risk management asset maintenance

programme

The Environment Agency maintains a wide range of flood and coastal risk management (FCRM) assets, such as embankments, pumping stations and flood gates, which protect people and property from the risk of flooding.

[Five year flood and coastal risk management asset maintenance programme](#)

The first year (2018/19) of the Environment Agency's 5 year FCRM asset maintenance programme is our approved funded delivery programme for April 2018 to March 2019. This programme is updated every 3 months to show progress.

The following 4 years of the programme show the maintenance needs that we have currently identified that will be considered and prioritised for potential funding as part of our annual Flood Defence Grant in Aid allocation process.

The allocation process takes into account the benefits and costs of the work and other factors such as legal obligations. A need shown on the programme for future years does not imply that funding will be available to undertake the work. As new future maintenance needs are identified they will be added to the programme as an annual update.

The programme is presented as an interactive map. To use the map enter the desired postcode or use the zoom tool to view the flood risk management assets in your area of interest then click on a feature to find information about the asset and planned work.

Five year flood and coastal risk management asset maintenance investment programme (PDF document)

This 5 year FCRM asset maintenance investment programme shows the type of work planned and the amount of funding available to maintain these assets to the required standard.

Select your local regional flood and coastal committee to find out the amount of intended funding for maintenance in your area over the next 5 years.

Related links

[Programme of flood and coastal erosion risk management schemes](#)

[Owning a watercourse](#)

[Flood and sea defences: when maintenance stops](#)

[Flood and sea defences: designated assets on your land](#)

Detailed guide: ESOS

Updated: Added under section: ESOS regulation and penalties 'We publish a summary of the penalties imposed on data.gov.uk'.

About ESOS

Government established ESOS to implement Article 8 (4 to 6) of the [EU Energy Efficiency Directive \(2012/27/EU\)](#). The [ESOS Regulations 2014](#) give effect to the scheme.

ESOS is a mandatory energy assessment scheme for organisations in the UK that meet the qualification criteria. The Environment Agency is the UK scheme administrator.

Organisations that qualify for ESOS must carry out ESOS assessments every 4 years. These assessments are audits of the energy used by their buildings, industrial processes and transport to identify cost-effective energy saving measures.

Organisations must notify the Environment Agency by a set deadline that they have complied with their ESOS obligations. The deadline for the first compliance period, 5 December 2015, has now passed.

[Read the full ESOS guidance.](#)

Deadlines for ESOS compliance

If you qualify for ESOS you should have submitted your notification of compliance by 5 December 2015. [Submit your notification as soon as possible if you have not done so already.](#)

If you qualify but have missed the ESOS compliance deadline and are now in the process of completing your ESOS assessment you must [notify the Environment Agency straight away and tell us when you expect to comply.](#)

Find out if you qualify

ESOS applies to large UK undertakings and their corporate groups. It mainly affects businesses but can also apply to not-for-profit bodies and any other non public sector undertakings that are large enough to meet the qualification criteria.

Your organisation qualifies for the first compliance period if, on 31

December 2014, it met the ESOS definition of a large undertaking.

Corporate groups qualify if at least one UK group member meets the ESOS definition of a large undertaking.

If you are very close to the qualification threshold or have substantially increased or decreased in size in recent years read the [full ESOS guidance](#) which includes additional information on how to assess if you qualify.

Public sector organisations do not usually need to comply with ESOS. For more information on organisations that do not need to comply see section 1.2 of the [full ESOS guidance](#).

Large undertakings

A large undertaking is:

- any UK company that either:
 - employs 250 or more people, or
 - has an annual turnover in excess of 50 million euro (£38,937,777), and an annual balance sheet total in excess of 43 million euro (£33,486,489)
- an overseas company with a UK registered establishment which has 250 or more UK employees (paying income tax in the UK)

You must take part in ESOS if your undertaking is part of a corporate group which includes another UK undertaking or UK establishment which meets these criteria.

Where a corporate group participates in ESOS, unless otherwise agreed, the highest UK parent will act as a 'responsible undertaking' and be responsible for ensuring the group as a whole complies.

UK registered establishments of an overseas company will also need to take part in ESOS (regardless of their size) if any other part of their global corporate group activities in the UK meet the ESOS qualifying criteria.

An 'establishment' is a branch within the meaning of the Eleventh Company Law Directive (89/666/EEC), or a place of business that is not such a branch where there is some degree of physical presence in the UK.

The financial qualification thresholds are specified in the ESOS regulations in euros. The equivalent pound sterling figures were determined for the first compliance period based on the [Bank of England daily spot exchange rate on 31 December 2014](#) (the qualification date).

To find out if you qualify take your employee numbers, turnover and balance sheet totals from the accounts for the financial year ending either:

- on the qualification date of 31 December 2014
- in the 12 months immediately preceding the qualification date of 31 December 2014

If you are very close to the qualification threshold or have substantially increased or decreased in size in recent years read the [full ESOS guidance](#) which includes additional information on how to assess if you qualify.

A person is employed by an undertaking if they are:

- an employee
- an owner / manager
- a partner

An 'employee' is a person employed under contracts of service. Their contracted hours and status (full time / part time) are irrelevant to their classification as an employee.

The number of employees means the average number of people employed by the undertaking in the year.

To work out your average number of employees, you need to:

1. Find the number of people employed by the company for each month of the financial year (whether for the whole month or part of it).
2. Add together the monthly totals.
3. Divide the total by the number of months in the financial year.

Complete an ESOS assessment

If you qualify for ESOS and your organisation is fully covered by ISO 50001, you do not need to carry out an ESOS assessment. You just need to notify the Environment Agency that you are compliant with ESOS.

If you qualify for ESOS, but your organisation is not fully covered by ISO 50001, you need to carry out an ESOS assessment. The assessment helps you work out what your organisation needs to do to comply with the ESOS regulations.

The assessment takes into account energy directly covered by Display Energy Certificates (DECs), Green Deal Assessments (GDAs), or ISO 50001.

For your assessment, you need to:

1. Calculate your total energy consumption

This is the energy used by assets held or activities carried out by your organisation or group. This includes the energy consumed by buildings, industrial processes and transport. To find out how to calculate your total energy consumption read the [full ESOS guidance](#).

2. Identify your areas of significant energy consumption

This is the energy used by assets held, or activities carried out, by your organisation that account for at least 90% of your total energy consumption. You then need to:

1. Find out whether ISO 50001, DEC's or GDAs cover any of your areas of significant energy consumption.
2. Identify whether ESOS compliant energy audits have been, or need to be, carried out for the areas of significant energy consumption not covered by ISO 50001, DEC's or GDAs.

As long as 90% of your total energy consumption is covered, you can use a mix of approaches with some of your energy consumption covered by ISO 50001; some by DEC's or GDAs and some by ESOS energy audits.

3. Appoint a lead assessor

You need to appoint a lead assessor to carry out and oversee or review your energy audits and overall ESOS assessment. Lead assessors can be employees or external contractors as long as they are members of an [approved professional body register](#).

If you want to become a lead assessor you have to be (or become) a member of an [approved professional body register](#). Individuals cannot apply directly to the Environment Agency to be approved.

Professional bodies can submit registers of their members for approval for them to act as ESOS lead assessors.

4. Notify the Environment Agency

You need to [submit your ESOS notification of compliance](#) to the Environment Agency when you have undertaken an ESOS assessment and are compliant with your obligations.

The notification deadline was 5 December 2015 for the first cycle and every 4 years afterwards. If you missed the deadline then submit your notification as soon as possible.

5. Keep records

You need to keep records of how you have complied with ESOS in an evidence pack. There is no set format for this.

Submit your ESOS notification of compliance

When you have completed your ESOS submission you must submit a notification of compliance.

The notification includes details about your organisation and how it has complied. You do not need to provide energy data.

When you access the notification system you will be redirected away from GOV.UK to complete your notification. When you have submitted your notification you will be redirected back to this web page.

Your submission must be as accurate as possible. If the information you submitted is inaccurate, email esos@environment-agency.gov.uk, quoting the original submission date, the Companies House registration number (if applicable) and the name of the organisation for which you made the notification.

[When you are fully compliant submit your notification of compliance.](#)

If you missed the 5 December 2015 deadline

If you missed the deadline and still have work to do before you will be compliant, use this [online form](#) to explain why you missed the compliance deadline and when you expect to be able to comply. If you missed the deadline but are compliant already then [submit your notification of compliance](#) straight away.

Qualifying organisations that have not completed and notified a compliance assessment by 5 December 2015 are in breach of the regulations and at risk of [enforcement action and penalties](#). Enforcement action will not normally be taken provided your notification of compliance was received by 29 January 2016. For organisations committing to achieving compliance through ISO 50001 certification, enforcement action will not normally be taken as long as notification is received by 30 June 2016.

If you were not compliant by 29 January 2016 then your case will be reviewed and you may hear from your regulator regarding enforcement action.

If you do not qualify for ESOS

If we have already contacted you about ESOS but you do not qualify please [let us know](#) so we do not contact you again (unless we need further information to verify that you do not qualify).

ESOS compliant energy audits

An ESOS compliant energy audit must meet these criteria:

1. It must be based on 12 months' verifiable data

The data must:

- be for a continuous period
- begin no earlier than 6 December 2010 for the first compliance period

(and no more than 12 months before the start of future compliance periods)

- begin no more than 24 months before the start of the energy audit
- not have been used as the basis for an energy audit in a previous compliance period

2. It must analyse the participant's energy consumption and energy efficiency

This must be done using energy consumption profiling. Energy consumption profiling involves breaking down the different ways in which energy is used by a participant's activities and assets and analysing any variations in energy use to identify inefficiencies.

3. It must identify energy saving opportunities

Energy saving opportunities should be reasonably practicable and cost effective to implement. Recommendations should include the estimated costs and benefits of implementation.

You should assess cost effectiveness by comparing the reduction in units of energy or energy spend with the cost of implementing the measure.

Calculating the cost of implementing a measure should be based on an analysis of whether the investment will be economical over its entire life. This would include taking into account the cost of purchase, installation, maintenance and depreciation.

There is no regulatory requirement for participants to implement the energy saving opportunities identified. This is for each organisation to determine themselves.

Site visits during an audit

Organisations are expected to carry out site visits as part of their ESOS audits. It is not necessary to visit every site. Regardless of the number of site visits, organisations need to ensure they have collected and analysed data for all their areas of significant energy consumption.

Organisations with multiple sites or assets that are identical or very similar, can take a proportionate approach and apply the energy saving opportunities identified in their site visits to their wider portfolio. The lead assessor and participant organisation should determine a suitable site visit sampling approach to reflect the energy consumption patterns of their assets and activities. This is not prescribed in legislation or guidance; it is up to your organisation and lead assessor to agree this.

You need to explain in your evidence pack how the approach you took reflects the energy consumption patterns and saving opportunities for your portfolio of assets and activities. In a compliance audit the regulators will look for well reasoned and documented justifications for the approach you took.

ESOS regulation and penalties

Your environmental regulator is responsible for compliance and enforcement activities. Your registered office or principal place of activity (in the absence of a registered office) determines your regulator:

- England – Environment Agency
- Northern Ireland – Northern Ireland Environment Agency
- Scotland – Scottish Environment Protection Agency
- Wales – Natural Resources Wales
- Offshore – Offshore Petroleum Regulator for Environment and Decommissioning (BEIS)

The regulator may issue civil sanctions including financial penalties if an organisation does not meet the scheme's obligations.

Read the Environment Agency's approach to ESOS regulation and penalties in their [enforcement and sanctions policy \(annex 2, section D\)](#). Other scheme regulators will apply a similar approach. This approach is also summarised in section 9 of the [full ESOS guidance](#).

We publish a summary of the penalties imposed on data.gov.uk.

Approved registers of ESOS lead assessors

All participants need to have their ESOS assessment signed off by an ESOS lead assessor. Contact details for approved lead assessors are listed on the websites of the approved professional bodies.

To become an ESOS lead assessor you need to be a member of an approved professional body register. Find out how to become a member of an approved professional body register on the websites of those already approved. The list below has web links to the approved registers. Contact the approved organisations if you need further information about their application processes and / or approved lead assessors on their registers.

It is your responsibility to select a lead assessor with the necessary skills and experience to help your business comply with ESOS.

Approved registers of ESOS lead assessors: organisation and name of register

- [Association of Energy Engineers](#) – certified energy auditor international
- [Association of Energy Engineers](#) – certified energy manager international
- [CIBSE \(The Chartered Institution of Building Services Engineers\)](#) – CIBSE low carbon consultant (LCC) register, ESOS lead assessor subset

- [ECMK Limited](#) – ECMK ESOS lead assessor register
- [Elmhurst Energy Systems](#) – Elmhurst approved ESOS lead assessor
- [Energy Institute \(EI\)](#) – chartered energy manager
- [Energy Institute \(EI\)](#) – register of professional energy consultants (RPEC)
- [Institution of Chemical Engineers](#) – register of chartered chemical engineers (MIChemE/FIChemE) ESOS LEA
- [Institution of Environmental Sciences](#) – IES lead energy assessor
- [Quidos](#)
- [Sava Limited](#) – ESOS lead assessor register
- [Stroma Certification Ltd](#) – ESOS lead energy assessor certification
- [Energy Managers Association](#) – EMA energy saving opportunity scheme lead assessor register
- [Institute of Environmental Management and Assessment](#) – register of IEMA members who can act as third-party lead assessors

ESOS published data

The Environment Agency has published the following data in relation to ESOS:

Notification of compliance data

[See the data](#) provided by the organisations that submitted a notification of compliance. The Environment Agency publishes this data to meet its statutory responsibility under the Energy Savings Opportunity Scheme Regulations 2014 and also with government open data policies.

The data in the spreadsheet:

- shows the answers to the questions in Appendix B of the [full ESOS guidance](#)
- does not include personal data – this is protected under the Data Protection Act

- contains no amendments – unless asked to do so or to remove personal data
- has not been verified for compliance – it is a record of notifications

Note:

- some organisations within a group may be covered by a notification of a UK parent and may not be readily identifiable
- the Environment Agency will be checking for compliance over the next 4 years

More information about ESOS

More details on the ESOS scheme, your obligations and how to comply are set out in the [full ESOS guidance](#).

For more information email esos@environment-agency.gov.uk. If you want an ESOS adviser to call you back please provide your phone number and details about your query.

For offshore related queries email bst@beis.gov.uk.

The Environment Agency will respond within 10 working days. Send your queries well in advance of each compliance deadline to ensure you have enough time to fulfill your obligations prior to submitting your notification of compliance.