



Energy Savings Opportunity Scheme (ESOS) participants

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Energy Savings Opportunity Scheme (ESOS) communication, keeping you updated with key information relating to the scheme which has been provided from the ESOS policy team on Phase 3 implementation.

Extension to Phase 3 Compliance Deadline

Participants are required to comply with Phase 3 of ESOS and Government still intends to make the changes announced in its response to the ESOS consultation. To ensure there is reasonable time for participants to meet the new requirements and for assessors to carry out assessments, ESOS participants will not be required to comply until **5 June 2024** (currently 5 December 2023), the revised deadline for when they will be required to notify compliance. This extension is in line with requests from stakeholders.

Whilst the compliance date has been extended, the qualification thresholds and date remain unchanged. ESOS still applies to all organisations (and their corporate groups) that were classed as large undertakings on 31 December 2022. See the Energy Savings Opportunity Scheme (ESOS) page of the gov.uk website (<https://www.gov.uk/guidance/energy-savings-opportunity-scheme-esos>) for information on which undertakings are classed as large for ESOS.

Participants are reminded that notifications cannot be submitted until the Phase 3 requirements have been finalised in legislation and the updated IT system, which is currently being developed, has been appropriately tested. The system will be made available in time to enable participants to meet notification requirements ahead of this extended compliance date.

Further update in relation to the changes on Phase 3.

1. Phase 3 ESOS changes

Participants are still required to comply with Phase 3 of ESOS and Government still intend to make the changes announced in the [government response to the ESOS consultation](#). The changes will be subject to legislative scrutiny and timetable, with the enabling primary legislation (The Energy Bill) currently passing through Parliament. Government will update participants when the Energy Bill has received Royal Assent, and the draft regulations are introduced to ensure there is a reasonable amount of time to meet the new requirements.

The changes set out in the government response for Phase 3 are:

- Requirement for a summary template to include compliance information in the ESOS report.
- Requirement to submit additional data in the compliance notification (as set out in Annex A).
- Requirement to include an energy intensity metric in ESOS reports.
- A change to the de minimis exemption so that participants' Significant Energy Consumption covers at least 95% of their Total Energy Consumption (as compared to 90% in Phase 2).
- Requirement for ESOS reports to provide more information on next steps for implementing recommendations.
- Requirement for participants to set a target or action plan following the Phase 3 compliance deadline, on which they will be required to report against annually.
- Requirement to share ESOS reports with subsidiaries.

2. ESOS Guidance for Phase 3

Final guidance will be published on gov.uk once the new ESOS regulations have been laid in Parliament. This will happen after the Energy Bill, which contains the regulation making power, has been passed by Parliament. The Environment Agency / Department of Energy Security and Net Zero will issue newsletters and other communications before final publication of the guidance to make you aware of the changes to the scheme to enable quotations and to allow assessors to carry out assessments before the compliance deadline.

3. Summary report template for submitting reports

A table is provided at **Annex A** (below) setting out the information that will need to be notified to comply with the expected Phase 3 requirements, subject to Parliamentary approval of the legislation. Any specified format for providing the information in the table will be finalised and published once the new ESOS regulations are laid and details will be provided on how to submit the notification on the new digital service currently under development.

4. Notification for Phase 3

Notification cannot be submitted until the Phase 3 requirements have been finalised in legislation and the updated IT system which is currently being developed has been appropriately tested. The system will be made available in time to enable participants to meet notification requirements.

5. Metrics for ESOS reporting and how they relate to metrics required for Streamlined Energy and Carbon Reporting (SECR)

In the Government Response to the ESOS consultation it was stated that Government will require ESOS reports to include an overall energy intensity ratio in terms of kWh/m² for buildings, kWh/unit output for industry and kWh/miles travelled for transport.

- For buildings, the metric should use Gross Internal Area (GIA).
- For transport the metric should use kWh/person mile for passenger transport and kWh/tonne mile for freight.
- For industrial processes the metric should be based on kWh per measure of production output. Use mass (i.e. kWh/tonne) if possible. Alternatively, if this is not an option you can use volume (i.e. kWh/litre) or unit (kWh/unit) whichever is the most relevant to the process.
- In addition, please provide a measurement of overall energy intensity in terms of turnover (i.e. kWh/£).

Government will provide more detailed guidance following legislation.

Organisations may choose to provide additional metrics, for example providing a more detailed breakdown by fuel type. Organisations should bear in mind that whatever metric is chosen for Phase 3 should be reported against in future phases, as one of the purposes of the metric is to allow comparisons to be made between phases. If organisations need to use estimates to calculate metrics (for example to estimate missing floor area data or estimate the energy split between buildings and processes), details should be kept in the evidence pack.

The intensity ratio required for SECR is a similar kind of metric as this compares emissions data with an appropriate business metric or financial indicator, such as square metres of floor space or sales revenue. However, the SECR metric relates to greenhouse gas emissions, while the ESOS energy intensity metric would relate to energy consumption

6. Significant Energy Consumption (SEC) de minimis

You must calculate areas of SEC that cover at least 95% of a participant's total energy consumption, rather than 90% as currently referred to in regulation 25 of the current ESOS Regulations. This is to reflect a reduction to the de minimis exemption from 10% to 5%. This change was set out in the Government Response to the ESOS consultation of 28 July 2022, but the final guidance will not be provided until the Parliamentary process for new ESOS regulations is complete.

7. Information requirements for next steps

When providing information on next steps (referred to as 'implementation considerations' in the table at Annex A), ESOS reports should cover considerations relating to how the opportunities identified could be implemented. ESOS reports should:

- provide an indicative programme of options which combines a selection of options recommended in the ESOS report and outlines the combined costs, benefits and payback period for the package.
- suggest appropriate intervention points for any opportunity identified which is not suggested to be implemented immediately. This could be for example when renewing a transport/equipment lease or when replacing existing equipment.
- signpost where buildings covered by the report are also covered by the Minimum Energy Efficiency Standards (MEES) for non-domestic buildings and whether this is relevant to the recommendations in the report (for example where there may be a requirement on landlords to carry out work that would affect a recommendation).
- provide information on government schemes which could support businesses to implement energy savings opportunities recommended in the report

Where relevant –

- include information on financing options to implement energy savings opportunities.
- include information on how building, transport or equipment leases can affect an energy savings opportunity identified in the report.
- provide detailed guidance on what actions to take next, where this is useful for the organisation e.g. what type of contractor, and terms of reference, might be required to implement recommendations.

This information is expected to be required for both participants that commission energy audits and those that use the alternative compliance routes. For participants using an alternative compliance route that do not have a dedicated ESOS report, this should be recorded in the evidence pack.

8. Action plans

The action plan does not need to be completed until after the compliance deadline and is expected to be required by December 2024. The details on how to complete the action plan will be published in final guidance on gov.uk once the new ESOS regulations have been laid in Parliament in advance of the Phase 3 compliance deadline.

9. ESOS reporting to subsidiaries

Where an ESOS participant is part of a corporate group, the 'responsible undertaking' that is responsible for ESOS compliance for that corporate group

will be required to disseminate certain relevant information contained in the ESOS report, or the whole of the report, to subsidiary undertakings within the corporate group and to report that they have done so. There may be some cases where information in the ESOS report cannot be shared without breach of another legal obligation. Participants should seek their own advice as to whether this is the case and, if so, may be able to redact or summarise parts of the report so as to avoid such breaches. The information received by the subsidiary in relation to the ESOS report should be at a minimum:

- Details of any site visits, data gathered or energy consumption profiles specifically for that subsidiary.
- Relevant energy savings opportunities for that subsidiary, either specifically or as part of a general recommendation across multiple parts of the organisation.
- Costs and benefits of such opportunities.
- Implementation considerations relevant to those opportunities (as set out in answer to Q8 about next steps).

10. PAS requirements for Phase 3

In the Government Response to the ESOS consultation it was set out that any net zero reporting would be voluntary for Phase 3.

In the response Government outlined the intention to develop a PAS standard to cover the additional net zero requirement that is intended to be introduced for Phase 4 of ESOS and BSI, our partner organisation, consulted on this standard (PAS 51215-1) from 6 February to 20 March 2023. Using this PAS will not be required for Phase 3, though participants may use it on a voluntary basis.

Publishing the standard in 2023 is intended to give participants and ESOS assessors early sight of what the energy and net zero assessment will look like for ESOS Phase 4.

If you have any queries in relation to the above, please email businessenergyuse@beis.gov.uk.

Contacting OPRED

If you have any queries relating to ESOS or if there is anything specific you would like to see in future ESOS communications, please email opred@energysecurity.gov.uk or consult the [ESOS guidance](#).

Annex A

Where kWh is mentioned below, participants can use more other Wh units e.g. MWh, GWh or TWh where appropriate.

Information to be provided	New Phase 3 requirement	New reporting requirement (existing requirement to collect such information in Phases 1-2)
1. Responsible undertaking information		
Name, address, contact details and company registration number of organisation.		
Details of global parent and relevant trusts.		
Standard Industrial Classification (SIC) code(s) of the responsible undertaking.	✓	
Reason for qualification in ESOS in Phase 3 (i.e. based on employee numbers, turnover, balance sheet or inclusion in corporate group).	✓	
2. Corporate group information		
Number of undertakings in the notification		
Names and company registration numbers (where applicable) of all undertakings covered by the notification.	✓	
Details of any agreement to consolidate or disaggregate corporate groups (including franchises) and details of any changes to corporate groups.		
Additional information on corporate group structure, for example a chart that sets out the structure etc of the group and information on e.g. what type of control.	✓	
Standard Industrial Classification (SIC) code of other undertakings in the corporate group, where different to the responsible undertaking.	✓	
3. Responsible officer details		
Name, position and contact details (not to be published).		
Confirmation that they have reviewed the results of the assessment and that the organisation has met scheme requirements.		
Confirmation that results of the energy audit or alternative compliance route have been shared with subsidiaries (see 9 above).		
4. Lead assessor and other assessors		
Name of lead assessor (not to be published).		
Relevant approved register.		
Whether the lead assessor is employed by the participant (or participant group).	✓	

Names of other personnel who have carried out site visits, gathered data and/or drafted parts of the report (not to be published) and whether they are employed by the participant (or participant group).	✓	
5. Use of alternative compliance routes, estimates and sampling		
Use of alternative compliance routes, where applicable.		
Notification of estimates used for calculating energy consumption, where applicable.		
Notification that the energy audit does not include an analysis based on energy consumption profiles, where applicable.		
Details of site sampling – number of site visits, proportion of total and rationale for method.	✓	
6. Energy consumption information		
Total Energy Consumption (TEC) in kWh Plus a breakdown in kWh by fuel type and use category (buildings, transport or industrial processes).		✓
Significant Energy Consumption (SEC) in kWh (based on de minimis of 5%). Plus a breakdown in kWh by fuel type and use category (buildings, transport or industrial processes).		✓
If ISO 50001 certification is used, an explanation of how certification scope matches (or otherwise) the scope required by the Significant Energy Consumption and what proportion of the SEC is covered by ISO 50001.	✓	
An energy intensity ratio (see Q5 above) for each of buildings, transport and industrial processes and information on estimates used. Any additional ratios the organisation elects to include.	✓	
7. Energy savings opportunities identified		
Total estimated energy savings in kWh from energy savings opportunities identified in Phase 3, through the energy audit and/or alternative compliance routes.		✓
A breakdown in kWh of the opportunities identified by: <ul style="list-style-type: none"> • organisation (for group level reports); • use category (buildings, transport or industrial processes); and • type of opportunity (data quality, energy management practices, behaviour change interventions, training, controls, zero/low cost measures, short-term investments paying back in 3 years or less, longer term 	✓	

investments paying back in more than 3 years).		
<p>Total estimated savings in kWh achieved by the organisation during Phase 3 (i.e. since the previous ESOS compliance deadline).</p> <p>This can be from opportunities identified through ESOS reports, through alternative compliance methods, or through any other means unrelated to ESOS.</p> <p>The estimation of energy savings can either be based on the original estimate in the ESOS report or alternative compliance method, on a subsequent more detailed feasibility study, or by a post-hoc analysis of savings achieved. It should be stated which is used.</p>	✓	
<p>A breakdown in kWh of the savings achieved by:</p> <ul style="list-style-type: none"> • organisation (for group level reports); • use category (buildings, transport or industrial processes); and • type of opportunity (data quality, energy management practices, behaviour change interventions, training, controls, zero/low cost measures, short-term investments paying back in 3 years or less, longer term investments paying back in more than 3 years). 	✓	
8. Implementation considerations and government support		
Details of government support received in relation to investments in energy efficiency and/or carbon emissions.	✓	
Details of implementation considerations (see Q7 above).	✓	
9. Historic information from Phase 1 and 2 of ESOS (where the participant was required to comply in these phases)		
Total Energy Consumption (TEC) in kWh for each of Phases 1 and 2. Where this is available, broken down by use category (buildings, transport or industrial processes).	✓	
Significant Energy Consumption (SEC) in kWh for each of Phases 1 and 2. Where this is available, broken down by use category (buildings, transport or industrial processes).	✓	
Total estimated energy savings in kWh from energy savings opportunities identified in the ESOS report or alternative compliance method for each of Phases 1 and 2. Where this is available, broken	✓	

down by use category (buildings, transport or industrial processes).		
Where this is available, total energy savings in kWh achieved in each of Phases 1 and 2.	✓	
Voluntary additional information to describe any changes to the organisation between Phases 1, 2 and 3.	✓	

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