

Method specific scope items – Metered Baseline Method (MBM) (Clauses 8.5, 8.6 and 8.7 of the ESS Rule)

Requirement	Audit Procedure	Audit Tier
Check compliance with Clause 8.3A – the 10-year limitation.	<p>A baseline has a limited lifespan that can be used for energy saving calculations made using MBM. Clause 8.3A limits the period for which energy savings may be calculated using clauses 8.5, 8.6 and 8.7 of the ESS Rule as follows:</p> <ul style="list-style-type: none"> <li>• Where the ACP's accreditation date with respect to a Recognised Energy Savings Activity (<b>RESA</b>) is on or after 15 April 2016, energy savings from an implementation may be calculated for a maximum of 10 years from the end date of the baseline measurement period.</li> <li>• Where the ACP's accreditation date with respect to a RESA is before 15 April 2016: <ul style="list-style-type: none"> <li>- if the end of the baseline measurement period is less than or equal to 10 years before 15 April 2016, energy savings from an implementation may be calculated for up to a maximum of 10 years from the end date of the baseline measurement period</li> <li>- if the end date of the baseline measurement period is more than 10 years before 15 April 2016, the maximum period for which energy savings may be calculated is the period from the end date of the baseline measurement period to 15 April 2016.</li> </ul> </li> </ul> <p>In some cases, ACPs may choose to implement a 'rolling baseline' to address this issue. This may be appropriate where the RESA has involved multiple upgrades at a site over many years. This may result in them recalculating their baseline and the resultant energy savings each year.</p>	All Sites within the scope
Implementation date	Check that the baseline is calculated using data from periods immediately preceding the Implementation Date to a maximum of 5 years.	All sites within the scope

Requirement	Audit Procedure	Audit Tier
For accreditations that also include the calculation of energy savings related to Eligible Fuels and Fuel Switching.	<p>From 14 April 2023, the MBM can be used to calculate savings from Eligible Fuels in addition to electricity and Gas. ACPs can only create ESCs for activities for which they are accredited. The Accreditation Notice will specify whether an ACP is accredited to implement a RESA that results in a reduction in consumption of an Eligible Fuel, or just electricity consumption. ACPs can only create ESCs for implementations under their RESA after they were authorised. For example, if an ACP had their conditions of accreditation amended to add diesel or biogas to their RESA that included electricity and Gas, they could only create ESCs for diesel and biogas implementations that occurred after the date of amendment. This is because, prior to that date, they were only accredited with respect to a RESA that increased the efficiency of electricity or Gas consumption.</p> <p>Check compliance with:</p> <ul style="list-style-type: none"> <li>• clause 5.3(e)(i) – the activity reduces consumption of an Eligible Fuel by increasing the efficiency of consuming an Eligible Fuel</li> <li>• clause 5.3(e)(iii) – the activity reduces consumption of an Eligible Fuel by switching to another Eligible Fuel</li> <li>• clause 5.3(e)(v) – the activity reduces consumption of an Eligible Fuel by reducing consumption of an Eligible Fuel per unit of output</li> <li>• clause 5.3(g) – the activity results in Equation 1 being a positive number, using the energy savings from each of the relevant Eligible Fuels, even if negative</li> <li>• clause 5.4(f) – the activity is not an activity that reduces consumption of an Eligible Fuel by increasing consumption of Non-renewable Fuels (other than electricity) to provide equivalent goods or services</li> <li>• clause 5.4(h) – the activity is not an activity that results in flaring of Gas or biogas</li> <li>• clause 5.4(o) – the activity does not generate energy using native forest bio-materials.</li> </ul>	All sites within the scope
In relation to fuel switching	<p>Check:</p> <ul style="list-style-type: none"> <li>• compliance with clause 5.4(j) to verify that a fuel switching activity under clause 8.5, clause 8.6 or clause 8.7 does not lead to a net increase in greenhouse gas emissions, where greenhouse gas emissions are calculated using Energy Savings and the emissions factors provided in Table A28 of Schedule A to the Rule.</li> <li>• that energy savings have been calculated for each Eligible Fuel affected by the implementations. Energy savings may be negative for the fuels that are switched to.</li> </ul>	To applicable sites (i.e. where there is a fuel switching activity)
Calculating Energy Savings	Where certificates are registered on or after 14 April 2023, check that Regional Network Factor for Electricity Savings is applied in Equation 1 and not in Methods 1, 2, 3 and 4.	All sites within the scope
On-site electricity generation and exporting to the grid	Check compliance with clause 5.3(e)(iv) – the activity reduces consumption of an Eligible Fuel by generating electricity with the result that there is an overall reduction in the consumption of an Eligible Fuel compared to what would have otherwise been consumed, subject to clause 5.4(i), which stipulates that the activity must not reduce energy consumption by generating electricity from any source where the generating system has a nameplate rating of 30 MW or higher.	All sites within the scope
Exporting to the grid	Check compliance with clause 5.4(m) – check that the activity does not export electricity, Gas or biogas from a site to the electricity network or gas network.	All sites within the scope



### Specific issues to be checked for versions of the ESS Rule

Rule date	Issues
ESS Rule effective from 30 March 2020	<ul style="list-style-type: none"><li>• Clause 11.11: General transitional arrangements apply if the implementation date of a project is on or before <b>29 March 2020</b>.</li></ul>