

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> <ol style="list-style-type: none"> Where the ACP's accreditation date with respect to a Recognised Energy Savings Activity (RESA) 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. Where the ACP's accreditation date with respect to a RESA is before 15 April 2016: <ul style="list-style-type: none"> 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, and 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. <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

Requirement	Audit Procedure	Audit Tier
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
For accreditations which also include the calculation of energy savings related to Gas and Fuel Switching.	<p>From 15 April 2016, the MBM can be used to calculate Gas savings:</p> <p>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 gas consumption, 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 include improving the efficiency of gas consumption in their RESA, they could only create ESCs for 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 consumption.</p> <p>Check compliance with:</p> <ul style="list-style-type: none"> a. clause 5.3(e)(ii) – the activity increases the efficiency of Gas consumption, where the Gas is combusted for stationary energy b. clause 5.3(e)(iii) – the activity increases the efficiency of energy consumption by fuel switching from electricity to Gas, or Gas to electricity, and c. clause 5.4(h) – check that the activity is not an activity that results in flaring of Gas. 	All Sites within the scope

Requirement	Audit Procedure	Audit Tier
In relation to fuel switching	Check 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 Electricity Savings, Gas Savings, and full fuel cycle emissions factors and equations from the current version of the National Greenhouse Accounts Factors.	To applicable sites (ie where there is a fuel switching activity)
On-site electricity generation	<p>Check compliance with clause 5.3(e)(iv) – the activity increases the efficiency of the energy consumption by generating electricity where the electricity is used to provide equivalent goods or services, with the result that there is an overall reduction in the consumption of energy 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:</p> <ul style="list-style-type: none"> ▼ the generated electricity is exported to the Electricity Network, or ▼ the generating system has a nameplate rating of 30 MW or higher. 	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"> ▼ Clause 11.11: General transitional arrangements apply if the Implementation Date of a project is on or before 29 March 2020.