

Energy Audit Specification

Retailer Energy Efficiency Scheme (REES)

Minimum Specification for an Energy Audit – January 2015

Introduction

This document establishes the minimum specification for energy audits which an electricity retailer or gas retailer must comply with for the purposes of achieving its Energy Audit Target (EAT) under the Retailer Energy Efficiency Scheme (REES).

Energy audits are to be conducted in priority group households, as defined in subregulation 23(1) of Part 4 *Electricity (General) Regulations 2012* under the *Electricity Act 1996*, and sub-regulation 17(1) of Part 4 *Gas Regulations 2012* under the *Gas Act 1997*.

This specification has been established by the Minister for Mineral Resources and Energy by Notice in the *Government Gazette* in accordance with the above regulations. Any future amendment to this specification will also be published by the Minister by Notice in the *Government Gazette*.

The specification contained within this document outlines minimum requirements for the purposes of complying with the REES. It is not intended to be exhaustive.

SPECIFICATION:

(1) The audit must be conducted within the premises with the householder(s) actively involved in the audit.

EXCEPTION – the audit may be conducted by phone or separate interview, provided:

- The premises to which the audit relates is in a regional or remote postcode as defined in Table 1;
- The audit otherwise complies with this specification, including being conducted by a competent auditor; and
- The total value of phone or interview audits conducted does not exceed 10 per cent of the Energy Audit Target of an electricity retailer or gas retailer. For the purposes of the REES, one phone or interview audit is taken to have a value of half of one credit towards the Energy Audit Target of an electricity or gas retailer.

(2) The audit must include the following as a minimum:

- i. an assessment of the thermal performance of the premises. This will include, but not be limited to, insulation, draught proofing, and shading; and
- ii. an assessment of the major energy consuming appliances and energy use practices within the premises. This will include, but not be limited to, water heating, lighting, space heating and cooling, standby power and any other significant energy uses.

(3) The auditor must provide the household in writing the name of the person and contact details of the entity undertaking the audit.

(4) The auditor must provide the household, at the start of the audit, a short written statement of what the Audit will consist of, including, but not limited to the minimum duration of the audit, how the audit will be conducted and the type of information that will be provided during and after the audit.

(5) The audit must identify the energy savings opportunities and energy saving practices that may realistically be undertaken or installed in the premises. These should be discussed with the household at the time of the audit.

- (6) The auditor must provide the household with a written record of the assessment and recommendations made. Where the Department of State Development (DSD) has published a template for such reporting, this is to be used.
- (7) Only one audit may be conducted per premises, unless it is demonstrated that the occupants of that premises have changed.
- (8) The audit must be conducted by a competent person. A competent person is one who is able to demonstrate the following competencies:
- Knowledge and appreciation of the implications of household energy use – including environmental, social, and economic impacts.
 - Knowledge and skills in assessing the main ways in which households use energy. This includes assessing major energy using appliances, practices and behaviours, and identifying matters related to the thermal performance of the dwelling.
 - Understanding of practical and cost-effective ways of reducing household energy use.
 - Skills in identifying and evaluating energy saving opportunities, and communicating these to households in an empowering way, explaining results and recommendations, and motivating household energy efficiency action.
 - Skills in interpreting energy bills.
 - Skills in minimising risk when conducting an audit.
 - Ability to engage sensitively and effectively with low income households or those in hardship, tailoring and prioritising recommendations to suit their particular circumstances.
 - Ability to engage with the householder, during and after this assessment, on the practical and cost-effective ways of reducing household energy use, including behavioural change options to realise energy savings.

For the purposes of demonstrating a person has these competencies, it must be shown that:

- (a) The person has received a qualification commensurate with the Statement of Attainment for the following three units of the Certificate IV in Home Sustainability Assessment;
- CPPHSA4001A *Assess Household Energy Use; and*
 - CPPHSA4005A *Minimise health, safety and security risks when assessing home sustainability; and*
 - CPPHSA4007A *Promote the adoption of home sustainability practices by residents*
- or
- (b) The person has received a Statement of Attainment for the units CPPHSA4001A and CPPHSA4005A, described above, and these units were delivered in a way that has embedded the core principles of unit CPPHSA4007A to the satisfaction of the Department of State Development.

Table 1: Metropolitan / near Adelaide, Regional and Remote Areas

All unincorporated areas are regarded as Remote areas, regardless of the post code.

Post Code	Area
0872	Remote
5000 – 5202	Metro/near Adelaide
5203 – 5204	Regional
5210 – 5214	Metro/near Adelaide
5220 – 5223	Remote
5231 – 5236	Metro/near Adelaide
5237 – 5238	Regional
5240 – 5252	Metro/near Adelaide
5253 – 5263	Regional
5264 – 5270	Remote
5271	Regional
5272 – 5276	Remote
5277 – 5291	Regional
5301 – 5320	Remote
5321 – 5346	Regional
5350 – 5352	Metro/near Adelaide
5353 – 5354	Regional
5355	Metro/near Adelaide
5356 – 5357	Regional
5360 – 5372	Metro/near Adelaide

Post Code	Area
5373 – 5374	Regional
5381	Remote
5400	Metro/near Adelaide
5401 – 5416	Regional
5417 – 5440	Remote
5451 – 5453	Regional
5454	Remote
5455 – 5464	Regional
5470 – 5493	Remote
5495 – 5573	Regional
5575 – 5583	Remote
5600	Regional
5601 – 5605	Remote
5606	Regional
5607	Remote
5608 – 5609	Regional
5630 – 5690	Remote
5700 – 5710	Regional
5720 – 5734	Remote
5800 – 5950	Metro/near Adelaide