



Independent Pricing and Regulatory Tribunal

Method Guide

Sale of New Appliances

Deemed Energy Savings Method

Energy Savings Scheme
October 2015

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1 About this guide

Under the Energy Savings Scheme (ESS), electricity retailers and other mandatory participants (Scheme Participants) are obliged to meet energy savings targets.

The ESS reduces electricity consumption in NSW by creating financial incentives for organisations to invest in energy savings projects. Energy savings are achieved by Accredited Certificate Providers (ACPs) installing, improving or replacing energy savings equipment. Companies that become ACPs can create energy savings certificates (ESCs) by carrying out these activities and then sell those ESCs to Scheme Participants. The Independent Pricing and Regulatory Tribunal of NSW (IPART) is both the Scheme Administrator and Scheme Regulator of the ESS.¹

This guide details how the Sale of New Appliances sub-method under the Deemed Energy Savings Method of the NSW Energy Savings Scheme (ESS) operates, the eligibility requirements to use the method, and how to calculate energy savings. This guide should be used by:

- ▼ applicants seeking accreditation, to assist them in completing their application, and
- ▼ those persons already accredited (Accredited Certificate Providers), to assist them in accurately calculating energy savings for this method.

Please refer to this guide to complete the *Application Form: Part B – Method Details – Sale of New Appliances* ([Application Form: Part B – Method Details](#))² which can be found on the ESS website.

This document is a guide only and is not legal advice. The legal requirements for Accredited Certificate Providers participating in the ESS are set out in:

- ▼ Part 9 of the *Electricity Supply Act 1995* (**Act**)
- ▼ Part 6 of the *Electricity Supply (General) Regulation 2014* (**Regulation**), and
- ▼ the *Energy Savings Scheme Rule of 2009* (**ESS Rule**).

Accredited Certificate Providers are also required to meet any additional requirements in their Accreditation Notice.

¹ Under sections 153(2) and 151(2) of the Act, respectively

² The Application Form: Part B – Method Details can be found on the ESS website at: http://www.ess.nsw.gov.au/How_to_apply_for_accreditation/Apply_now_-_guides_and_application_forms

2 Method overview

The Sale of New Appliances method provides a way to calculate and create Energy Savings Certificates for the energy savings resulting from the sale of household appliances that consume less electricity than the average appliance of the same type.

The method provides appliance retailers an incentive to market and sell high efficiency appliances to consumers who benefit from the ongoing electricity savings.

3 Method eligibility

A number of requirements must be met for the creation of Energy Savings Certificates using the Sale of New Appliances method, which are outlined below.

3.1 Energy saver³

Only the original energy saver or its nominee can create Energy Savings Certificates using the Sale of New Appliances method.

Original energy saver

Under the Sale of New Appliances method, the original energy saver is an appliance retailer who sells a high efficiency appliance to a purchaser (see paragraph 3.2 below). The appliance retailer does not need to be located in NSW and can either have a traditional bricks and mortar store or an online store.

Becoming the energy saver through nomination

The appliance retailer can nominate a third party as the energy saver by completing a nomination form, generated from the [Nomination Form Template](#) specific to the method, which is available on the ESS website at www.ess.nsw.gov.au/Methods_for_calculating_energy_savings/Sale_of_New_Appliances.

3.2 Sold⁴

The Sale of New Appliances method requires that the eligible appliance is 'sold' by an 'Appliance Retailer'⁵. A sale involves the transfer of property from a seller to a buyer in exchange for payment.

³ Refer Clause 9.3.5 of the ESS Rule

⁴ Refer Clause 9.3.1(b) of the ESS Rule

⁵ Refer definition of Appliance Retailer in Clause 10 of the ESS Rule

This means that the Appliance Retailer must be the owner of the appliance at the time of sale, and there must be a transfer of ownership of the appliance from the Appliance Retailer to the purchaser in exchange for payment (as evidenced by a tax invoice or other acceptable evidence issued by, or on behalf of, the Appliance Retailer to the purchaser).

For example, an appliance sold in a showroom may actually still be owned by the manufacturer (or distributor/wholesaler) at the time of sale. In these circumstances, the operator of the showroom, although commonly referred to as a retailer, is actually acting as the legal agent of the manufacturer. The showroom operator will therefore not be the 'appliance retailer' for the purposes of the Sale of New Appliances method - the manufacturer will be the 'appliance retailer' in these circumstances.

3.3 Purchaser⁶

For a sale to be eligible, the appliance must be sold to a purchaser who directly benefits from the ongoing end-use service that the appliance provides. This means that the purchaser could, at the time of the sale, legally occupy the address that is the subject of the implementation and use the appliance (therefore benefiting from the end-use service).

Any sales from a wholesaler or distributor to appliance retailers are therefore not eligible under this method.

The appliance must be delivered to a NSW address, or the purchaser must provide a valid NSW address when purchasing the appliance. Sales to the owners of leased premises (landlords) may be eligible sales, provided that the landlord directly benefits from:

- ▼ an end use service in Table A17 of the ESS Rule, or
- ▼ an end use service specified in the *ESS Scheme Administrator Notice 01/2014*.⁷

3.4 Implementation and implementation date⁸

Implementations (the sales) and implementation dates (dates of the sales) are used to determine the number of Energy Savings Certificates and from when they can be created.

An implementation under the Sale of New Appliances method is the sale of one or more high efficiency appliances to a single purchaser in a single sale.

⁶ Refer Clause 9.3.6 of the ESS Rule

⁷ Refer *ESS Scheme Administrator Notice 01/2014* (12 September 2014) ("Addition of End-Use Services in Table A17 of ESS Rule")

⁸ Refer Clause 9.3.4 of the ESS Rule

The implementation date is the date of the sale of the appliance to the purchaser, which is when title to the appliance passes from the appliance retailer to the purchaser. This will typically be on payment of the purchase price but, for example in the case of payment of the purchase price by instalments, this could be on payment of the deposit or of the final instalment. This date affects the eligibility to create energy savings from a sale, as only implementations after the date the energy saver is registered as an Accredited Certificate Provider⁹ and (where applicable) nominated by the appliance retailer, are eligible.

3.5 Eligible appliances

The appliance sale must be included in an Activity Definition in Schedule B of the ESS Rule. Each Activity Definition defines a class of appliance that can be sold and the requirements the appliance must meet. The Activity Definitions are listed in Table 3.1.

Table 3-1 Eligible equipment types for the Sale of New Appliances Method

Activity Definitions	Appliance Type
B1	Clothes Washing Machine
B2	Clothes Dryer
B3	Dishwasher
B4	1-Door Refrigerator
B5	2-Door Refrigerator
B6	Chest Freezer or Upright Freezer
B7	Television

3.5.1 Equipment requirements

Equipment requirements are specified under each activity definition as outlined in Appendix A of this Guide. Generally, the appliance must be registered for energy labelling under the Energy Rating Program¹⁰.

The Commonwealth Government maintains an online E3 database¹¹ of products registered for energy labelling, which can be used for determining if an appliance meets the requirements. However, you may need to use the 'advanced details' or 'export to CSV' functions to access it. The E3 website provides information on the registration process for having an appliance accepted for energy labelling.

⁹ The ESS website provides information on applying to become an Accredited Certificate Provider at www.ess.nsw.gov.au/How_to_apply_for_accreditation

¹⁰ www.energyrating.gov.au

¹¹ http://reg.energyrating.gov.au/comparator/product_types/

A listing in the E3 database does not, however, guarantee an appliance meets all the equipment requirements, as certain activity definitions place additional restrictions on equipment. These include:

- ▼ Restrictions on the type of appliance. For example, a combination washer/dryer is not eligible under Activity Definition B2, even if the dryer is registered for energy labelling¹².
- ▼ Limiting eligibility to certain subsets or groups. For example a 1-Door Refrigerator must be defined as a group 1, 2 or 3 Refrigerator to be eligible under Activity Definition B4 under the method.
- ▼ Restrictions on which version of a standard was used for testing.

You must ensure that the appliance is compliant with these requirements to be eligible to create Energy Savings Certificates.

Appendix A includes the full list of equipment requirements that each type of appliance must meet.

3.5.2 New appliances¹³

The appliance must be 'new' at the time of sale. This means that the appliance must not have been sold previously. For example, the following are not considered new:

- ▼ any appliance that has previously been returned regardless of whether it was used or not, as the energy savings arising from the original eligible sale would be captured (ie, ESCs would have been created for the original sale)
- ▼ appliances which have been refurbished by the manufacturer, and
- ▼ second hand sales.

A factory second is considered new if the appliance is not a refurbished product and defects are cosmetic in nature. Demonstration or floor stock is considered new.

The sale of a new appliance to a purchaser, which is then subsequently returned, will still be an eligible sale (provided the sale meets all other requirements).

However, as set out above, if this returned appliance is subsequently sold, this appliance will not be considered 'new' at the time of the second sale.

¹² Combination washer/dryers are eligible under Activity Definition B1 - but only for the 'washer' component.

¹³ Refer Clause 9.3.1(c) of the ESS Rule.

3.5.3 Record keeping and evidence requirements

The Evidence Manual: Sale of New Appliances¹⁴ details the requirements for the information and documents that must be collected to support the energy savings. As a minimum, you must be able to provide either a tax invoice¹⁵ or a sales ledger that demonstrates the sale was compliant with the requirements of the Sale of New Appliances method.

The Sale of New Appliances Method also requires appliance retailers to provide us (and other parties such as ESS Auditors) with information on each sale.

In providing this information the appliance retailer must ensure that they comply with all relevant legislation including privacy obligations.

The [Evidence Pack: Sale of New Appliances](#) can be used to record relevant data and information collected.

4 Calculating energy savings

The energy savings resulting from a sale are the sum of the Deemed Equipment Energy Savings from each of the appliances included in that sale.¹⁶

If a single eligible appliance is sold to a purchaser, the energy savings from that sale are the Deemed Equipment Energy Savings of the appliance sold.

If a purchaser buys multiple appliances in a single purchase, all the appliances are treated as belonging to a common implementation (sale), and the energy savings for that sale are the sum of the Deemed Equipment Energy Savings for each eligible appliance purchased.

4.1 Appliance energy savings

To calculate the Deemed Equipment Energy Savings for an appliance sold, you first need to determine the energy star rating of the appliance and the size of the appliance. The Deemed Equipment Energy Savings for the appliance are determined using the table in the activity definition that covers that appliance.

The Sale of New Appliances Activity Definitions were amended to update the Deemed Equipment Energy Savings in response to a change in the average

¹⁴ www.ess.nsw.gov.au/Methods_for_calculating_energy_savings/Sale_of_New_Appliances

¹⁵ The Australian Taxation Office provides guidance on tax invoices on their website at www.ato.gov.au/Business/GST/Issuing-tax-invoices/

¹⁶ As specified in equation 5 of the ESS Rule.

efficiency of appliances sold in NSW. These amended Activity Definitions apply to implementations with an implementation date on or after 1 October 2015.

If the appliance was sold before 1 October 2015, you must calculate the Deemed Equipment Energy Savings using the Activity Definitions from the ESS Rule as they were before 1 October 2015. These Activity Definitions are included in Appendix A of this Guide.

If the appliance was sold on or after 1 October 2015, you must calculate the Deemed Equipment Energy Savings using the Activity Definitions from the ESS Rule as amended on 7 August 2015, and commencing on 1 October 2015. These Activity Definitions are included in Appendix B of this Guide.

4.1.1 Appliance energy star ratings

The energy star ratings of eligible appliances are displayed on the energy star rating label on each appliance. These ratings are also included as part of the appliance's entry in the E3 database¹⁷. You should check that the value used for your calculation matches the entry in the E3 database, as this will be the value accepted by ESS auditors.

The energy star rating system for televisions was revised on 1 April 2013 to reflect the improvements in the energy efficiency of televisions. Depending on when the appliance was imported for sale, it may be labelled under the current Tier 2 rating system or the older Tier 1 rating system. You should check the star rating using the E3 database, which provides the star rating for televisions under both rating systems.

4.1.2 Appliance sizes

You can determine the size of appliances using the E3 database, and certain appliances will also have the size listed on the energy star rating. You should ensure that the value that you use matches the E3 database as this will be the value accepted by ESS auditors.

4.1.3 Calculation Tool for determining the Deemed Equipment Energy Savings

Section 1 of the Evidence Pack: Sale of New Appliances method features a built in calculation tool which you can use to determine the energy savings for each appliance sale.

¹⁷ http://reg.energyrating.gov.au/comparator/product_types/

5 Creating Energy Savings Certificates

The **Evidence Manual: Sale of New Appliances** provides instructions on how to register Energy Savings Certificates from your eligible appliance sales and details the requirements for keeping records that verify that the energy savings occurred.

The **Evidence Pack** that accompanies the **Evidence Manual: Sale of New Appliances** is available on the ESS website¹⁸.

6 Applying for accreditation

A completed application tailored to this energy savings method is required for an appliance retailer or organisation to become an Accredited Certificate Provider and generate Energy Savings Certificates.

An application has multiple parts, which are explained in the *Application Guide for ESS Accreditation (Application Guide)*¹⁹. As a minimum, you will have to provide:

- ▼ Application Form: Part A - General Details
- ▼ Application Form: Part B - Method Details

All application documents are available at:

http://www.ess.nsw.gov.au/How_to_apply_for_accreditation/Apply_now_-_guides_and_application_forms

For a full explanation of the process, please read the Application Guide.

¹⁸ www.ess.nsw.gov.au/Methods_for_calculating_energy_savings/Sale_of_New_Appliances

¹⁹ The Application Guide can be found at www.ess.nsw.gov.au/How_to_apply_for_accreditation

7 Glossary

Table 7-1 Sale of New Appliances Method Definitions

Term	Definition
ACP	Accredited Certificate Provider
Activity Definition	Refer to section 3.5 of this document
Appliance Retailer	Refer to section 3.1 of this document
E3	Equipment Energy Efficiency Program
Energy Labelling	Energy rating labelling under the Commonwealth's Energy Rating Labelling Scheme
Energy Saver	Refer to section 3.1 of this document
ESC	Energy Savings Certificate
ESS	Energy Savings Scheme
ESS Rule	Energy Savings Scheme Rule of 2009
GEMS	Greenhouse and Energy Minimum Standards
Implementation	Refer to section 3.4 of this document
MEPS	Minimum Energy Performance Standards
Purchaser	Refer Section 3.3 of this document



Appendices

A Activity definitions and equipment requirements – appliances sold prior to 1 October 2015

A.1 Activity Definition B1: Clothes Washing Machine

Activity Definition B1

Name of Activity SELL A HIGH EFFICIENCY CLOTHES WASHING MACHINE

Equipment Requirements
<ol style="list-style-type: none"> 1. The End-User Equipment must be a Clothes Washing Machine as defined in <i>AS/NZS 2040:2005 Performance of household electrical appliances—Clothes washing machines</i>. 2. The Clothes Washing Machine must be registered for energy labelling. 3. The Clothes Washing Machine must be either a top loader or a front loader. 4. The Clothes Washing Machine must have a rated capacity, load in kilograms, recorded in the GEMS Registry.

Equipment Energy Savings		
Energy Star Rating	Deemed Equipment Energy Savings (MWh per washing machine sold)	
	Rated capacity > 4kg to < 8kg	Rated capacity ≥ 8kg
3.5	0.4	0.9
4.0	1.1	1.7
4.5	1.6	2.5
5.0	2.1	3.1
5.5	2.6	3.6
6.0	2.9	4.1

Lifetime (for information purposes only) Lifetime = 10 years.

A.2 Activity Definition B2: Clothes Dryer

Activity Definition B2

Name of Activity

SELL A HIGH EFFICIENCY CLOTHES DRYER

Equipment Requirements

1. The End-User Equipment must be a Clothes Dryer as defined by “Rotary clothes dryer” in *AS/NZS 2442.1:1996 and 2442.2:2000 Performance of household electrical appliances—Rotary clothes dryers*
2. The Clothes Dryer must be registered for energy labelling.
3. The Clothes Dryer must not form part of a combination washer/dryer.
4. The Clothes Dryer must have a rated capacity, load in kilograms, recorded in the GEMS registry.

Equipment Energy Savings

Energy Star Rating	Deemed Equipment Energy Savings (MWh per clothes dryer sold)		
	Rated capacity < 5kg	Rated capacity ≥ 5kg to <7kg	Rated capacity ≥ 7kg
2.0	0.1	0.0	0.0
2.5	0.3	0.2	0.0
3.0	0.4	0.4	0.0
3.5	0.5	0.5	0.4
4.0	0.6	0.7	0.6
4.5	0.7	0.8	0.7
5.0	0.8	1.0	0.9
5.5	0.9	1.1	1.1
6.0	1.0	1.2	1.2

Lifetime (for information purposes only)

Lifetime = 10 years.

A.3 Activity Definition B3: Dishwasher

Activity Definition B3

Name of Activity SELL A HIGH EFFICIENCY DISHWASHER

Equipment Requirements <ol style="list-style-type: none"> 1. The End-User Equipment must be a Dishwasher as defined in <i>AS/NZS 2007:2005 Performance of household electrical appliances—Dishwashers</i>. 2. The Dishwasher must be registered for energy labelling. 3. The Dishwasher must have a rated capacity, in number of place settings, recorded in the GEMS Registry.

Equipment Energy Savings			
Energy Star Rating	Deemed Equipment Energy Savings (MWh per dishwasher sold)		
	Rated capacity < 9 place settings	Rated capacity ≥ 9 place settings to < 13 place settings	Rated capacity ≥ 13 place settings
3.0	0.1	0.4	0.0
3.5	0.4	0.9	0.1
4.0	0.6	1.3	0.6
4.5	0.8	1.6	0.9
5.0	1.0	1.9	1.2
5.5	1.1	2.1	1.5
6.0	1.2	2.3	1.7

Lifetime (for information purposes only) Lifetime = 10 years.

A.4 Activity Definition B4: 1-Door Refrigerator

Activity Definition B4

Name of Activity

SELL A HIGH EFFICIENCY 1-DOOR REFRIGERATOR

Equipment Requirements

1. The End-User Equipment must be a 1-door Refrigerator of Groups 1, 2, or 3 as defined in *AS/NZS 4474.1:2007 and 4474.2:2009 Performance of household electrical appliances—Refrigerating appliances*.
2. The Refrigerator must be registered for energy labelling.
3. The Refrigerator must have a rated capacity, volume in litres, recorded in the GEMS Registry.

Equipment Energy Savings

Energy Star Rating	Deemed Equipment Energy Savings (MWh per refrigerator sold)	
	Rated capacity < 300 litres	Rated capacity ≥ 300 litres
2.0	0.2	0.1
2.5	0.6	0.5
3.0	0.9	1.0
3.5	1.2	1.3
4.0	1.5	1.7
4.5	1.8	2.0
5.0	2.0	2.2

Lifetime (for information purposes only)

Lifetime = 12 years.

A.5 Activity Definition B5: 2-Door Refrigerator

Activity Definition B5

Name of Activity SELL A HIGH EFFICIENCY 2-DOOR REFRIGERATOR
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Equipment Requirements <ol style="list-style-type: none"> 1. The End-User Equipment must be a 2-door Refrigerator of Groups 4, 5B, 5T or 5S as defined in <i>AS/NZS 4474.1:2007 and 4474.2:2009 Performance of household electrical appliances—Refrigerating appliances</i>. 2. The Refrigerator must be registered for energy labelling. 3. The Refrigerator must have a rated capacity, volume in litres, recorded in the GEMS Registry.
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Equipment Energy Savings			
Energy Star Rating	Deemed Equipment Energy Savings (MWh per refrigerator sold)		
	Rated capacity < 300 litres	Rated capacity ≥ 300 litres to < 500 litres	Rated capacity ≥ 500 litres
2.5	0.6	0.3	0.6
3.0	1.1	1.0	1.5
3.5	1.6	1.6	2.2
4.0	2.0	2.1	2.9
4.5	2.4	2.6	3.4
5.0	2.7	3.0	3.9

Lifetime (for information purposes only) Lifetime = 12 years.

A.6 Activity Definition: B6 Chest Freezer or Upright Freezer

Activity Definition B6

Name of Activity

SELL A HIGH EFFICIENCY CHEST FREEZER OR UPRIGHT FREEZER

Equipment Requirements

1. The End-User Equipment must be a Chest Freezer or Upright Freezer of Groups 6C, 6U or 7 as defined in *AS/NZS 4474.1:2007 and 4474.2:2009 Performance of household electrical appliances—Refrigerating appliances*.
2. The Freezer must be registered for energy labelling.
3. The Freezer must have a rated capacity, volume in litres, recorded in the GEMS Registry.

Equipment Energy Savings

Energy Star Rating	Deemed Equipment Energy Savings (MWh per freezer sold)		
	Rated capacity < 300 litres	Rated capacity ≥ 300 litres to < 500 litres	Rated capacity ≥ 500 litres
2.5	0.2	0.7	0.0
3.0	0.7	1.4	0.8
3.5	1.0	2.0	1.6
4.0	1.4	2.5	2.3
4.5	1.7	2.9	2.9
5.0	2.0	3.3	3.5

Lifetime (for information purposes only)

Lifetime = 12 years.

A.7 Activity Definition B7: Television

Activity Definition B7

Name of Activity SELL A HIGH EFFICIENCY TELEVISION
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Equipment Requirements
<ol style="list-style-type: none"> 1. The End-User Equipment must be a Television as defined in <i>AS/NZS 62087.1:2010 Power consumption of audio, video and related equipment</i>; and <i>62087.2.2:2011 Power consumption of audio, video and related equipment—Minimum energy performance standards (MEPS) and energy rating label requirements for Television Sets</i>. 2. The Television must be registered for energy labelling. 3. The Television must have a rated capacity, diagonal screen size in centimetres, recorded in the GEMS Registry.

Equipment Energy Savings			
Energy Star Rating	Deemed Equipment Energy Savings (MWh per television sold)		
	Rated capacity Diagonal screen size > 40cm to ≤ 80cm	Rated capacity Diagonal screen size > 80cm to ≤ 120cm	Rated capacity Diagonal screen size > 120cm
Tier 2 MEPS: 4.5	0.2	0.3	0.2
Tier 1 MEPS: 8 Tier 2 MEPS: 5	0.3	0.5	0.7
Tier 2 MEPS: 5.5	0.4	0.7	1.1
Tier 1 MEPS: 9 Tier 2 MEPS: 6	0.5	1.0	1.5
Tier 1 MEPS: 10 Tier 2 MEPS: 7	0.7	1.3	2.2
Tier 2 MEPS: 8	0.8	1.6	2.8
Tier 2 MEPS: 9	0.9	1.8	3.2
Tier 2 MEPS: 10	1.0	2.0	3.6

Lifetime (for information purposes only) Lifetime = 10 years.

B Activity definitions and equipment requirements – appliances sold on or after 1 October 2015

B.1 Activity Definition B1: Clothes Washing Machine

Activity Definition B1

Name of Activity SELL A HIGH EFFICIENCY CLOTHES WASHING MACHINE

Equipment Requirements
<ol style="list-style-type: none"> 1. The End-User Equipment must be a Clothes Washing Machine as defined in <i>AS/NZS 2040:2005 Performance of household electrical appliances—Clothes washing machines</i>. 2. The Clothes Washing Machine must be registered for energy labelling. 3. The Clothes Washing Machine must be either a top loader or a front loader. 4. The Clothes Washing Machine must have a rated capacity, load in kilograms, recorded in the GEMS Registry.

Equipment Energy Savings				
Energy Star Rating	Deemed Equipment Energy Savings (MWh per washing machine sold)			
	Rated capacity > 4kg to ≤ 6kg	Rated capacity > 6kg to ≤ 7kg	Rated capacity > 7kg to ≤ 8kg	Rated capacity > 8kg
2.5	0.8	-	-	-
3.0	1.4	-	-	-
3.5	1.9	1.2	-	-
4.0	2.4	1.9	1.3	1.5
4.5	2.7	2.4	1.9	2.3
5.0	3.0	2.9	2.5	2.9
5.5	3.3	3.4	3.0	3.5
6.0	3.5	3.7	3.4	4.0

Lifetime (for information purposes only) Lifetime = 10 years.

B.2 Activity Definition B2: Clothes Dryer

Activity Definition B2

Name of Activity SELL A HIGH EFFICIENCY CLOTHES DRYER
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Equipment Requirements <ol style="list-style-type: none"> 1. The End-User Equipment must be a Clothes Dryer as defined by “Rotary clothes dryer” in <i>AS/NZS 2442.1:1996 and 2442.2:2000 Performance of household electrical appliances—Rotary clothes dryers</i> 2. The Clothes Dryer must be registered for energy labelling. 3. The Clothes Dryer must not form part of a combination washer/dryer. 4. The Clothes Dryer must have a rated capacity, load in kilograms, recorded in the GEMS registry.

Equipment Energy Savings			
Energy Star Rating	Deemed Equipment Energy Savings (MWh per clothes dryer sold)		
	Rated capacity < 5kg	Rated capacity ≥ 5kg to <7kg	Rated capacity ≥ 7kg
2.0	0.1	-	-
2.5	0.3	0.2	-
3.0	0.4	0.4	-
3.5	0.5	0.5	-
4.0	0.6	0.7	0.3
4.5	0.7	0.8	0.5
5.0	0.8	0.9	0.7
5.5	0.9	1.1	0.9
6.0	1.0	1.2	1.0

Lifetime (for information purposes only) Lifetime = 10 years.

B.3 Activity Definition B3: Dishwasher

Activity Definition B3

Name of Activity SELL A HIGH EFFICIENCY DISHWASHER

Equipment Requirements <ol style="list-style-type: none"> 1. The End-User Equipment must be a Dishwasher as defined in <i>AS/NZS 2007:2005 Performance of household electrical appliances—Dishwashers</i>. 2. The Dishwasher must be registered for energy labelling. 3. The Dishwasher must have a rated capacity, in number of place settings, recorded in the GEMS Registry.

Equipment Energy Savings			
Energy Star Rating	Deemed Equipment Energy Savings (MWh per dishwasher sold)		
	Rated capacity < 9 place settings	Rated capacity ≥ 9 place settings to < 13 place settings	Rated capacity ≥ 13 place settings
3.5	0.4	0.9	-
4.0	0.6	1.3	-
4.5	0.8	1.6	-
5.0	1.0	1.9	0.4
5.5	1.1	2.1	0.6
6.0	1.2	2.3	0.9

Lifetime (for information purposes only) Lifetime = 10 years.

B.4 Activity Definition B4: 1-Door Refrigerator

Activity Definition B4

Name of Activity SELL A HIGH EFFICIENCY 1-DOOR REFRIGERATOR
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Equipment Requirements <ol style="list-style-type: none"> 1. The End-User Equipment must be a 1-door Refrigerator of Groups 1, 2, or 3 as defined in <i>AS/NZS 4474.1:2007 and 4474.2:2009 Performance of household electrical appliances—Refrigerating appliances</i>. 2. The Refrigerator must be registered for energy labelling. 3. The Refrigerator must have a rated capacity, volume in litres, recorded in the GEMS Registry.

Equipment Energy Savings		
Energy Star Rating	Deemed Equipment Energy Savings (MWh per refrigerator sold)	
	Rated capacity < 300 litres	Rated capacity ≥ 300 litres
2.5	0.7	0.6
3.0	1.0	1.0
3.5	1.2	1.3
4.0	1.5	1.7
4.5	1.6	1.9
5.0	1.8	2.2
5.5	2.0	2.4
6.0	2.1	2.6
7.0	2.3	2.9
8.0	2.5	3.1
9.0	2.6	3.3
10.0	2.7	3.5

Lifetime (for information purposes only) Lifetime = 12 years.

B.5 Activity Definition B5: 2-Door Refrigerator

Activity Definition B5

Name of Activity SELL A HIGH EFFICIENCY 2-DOOR REFRIGERATOR
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Equipment Requirements <ol style="list-style-type: none"> 1. The End-User Equipment must be a 2-door Refrigerator of Groups 4, 5B, 5T or 5S as defined in <i>AS/NZS 4474.1:2007 and 4474.2:2009 Performance of household electrical appliances—Refrigerating appliances</i>. 2. The Refrigerator must be registered for energy labelling. 3. The Refrigerator must have a rated capacity, volume in litres, recorded in the GEMS Registry.
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Equipment Energy Savings			
Energy Star Rating	Deemed Equipment Energy Savings (MWh per refrigerator sold)		
	Rated capacity < 300 litres	Rated capacity ≥ 300 litres to < 500 litres	Rated capacity ≥ 500 litres
3.0	0.8	-	0.9
3.5	1.2	0.8	1.6
4.0	1.6	1.3	2.3
4.5	2.0	1.8	2.8
5.0	2.3	2.2	3.3
5.5	2.5	2.5	3.7
6.0	2.8	2.8	4.1
7.0	3.2	3.3	4.7
8.0	3.4	3.7	5.2
9.0	3.7	4.0	5.5
10.0	3.8	4.2	5.8

Lifetime (for information purposes only) Lifetime = 12 years.

B.6 Activity Definition: B6 Chest Freezer or Upright Freezer

Activity Definition B6

Name of Activity
SELL A HIGH EFFICIENCY CHEST FREEZER OR UPRIGHT FREEZER

Equipment Requirements
<ol style="list-style-type: none"> The End-User Equipment must be a Chest Freezer or Upright Freezer of Groups 6C, 6U or 7 as defined in <i>AS/NZS 4474.1:2007 and 4474.2:2009 Performance of household electrical appliances—Refrigerating appliances</i>. The Freezer must be registered for energy labelling. The Freezer must have a rated capacity, volume in litres, recorded in the GEMS Registry.

Equipment Energy Savings				
Energy Star Rating	Deemed Equipment Energy Savings (MWh per freezer sold)			
	Rated capacity < 150 litres	Rated capacity ≥ 150 litres to < 300 litres	Rated capacity ≥ 300 litres to < 500 litres	Rated capacity ≥ 500 litres
2.5	-	-	0.9	-
3.0	0.5	0.7	1.6	1.5
3.5	0.8	1.1	2.2	2.3
4.0	1.1	1.5	2.7	3.0
4.5	1.4	1.8	3.1	3.6
5.0	1.6	2.1	3.5	4.2
5.5	1.8	2.4	3.9	4.7
6.0	2.0	2.6	4.2	5.1
7.0	2.3	3.0	4.7	5.8
8.0	2.5	3.3	5.1	6.3
9.0	2.7	3.5	5.4	6.7
10.0	2.8	3.7	5.6	7.0

Lifetime (for information purposes only)
Lifetime = 12 years.

B.7 Activity Definition B7: Television

Activity Definition B7

Name of Activity SELL A HIGH EFFICIENCY TELEVISION

Equipment Requirements <ol style="list-style-type: none"> 1. The End-User Equipment must be a Television as defined in <i>AS/NZS 62087.1:2010 Power consumption of audio, video and related equipment</i>; and <i>62087.2.2:2011 Power consumption of audio, video and related equipment—Minimum energy performance standards (MEPS) and energy rating label requirements for Television Sets</i>. 2. The Television must be registered for energy labelling. 3. The Television must have a rated capacity, diagonal screen size in centimetres, recorded in the GEMS Registry.

Equipment Energy Savings			
Energy Star Rating	Deemed Equipment Energy Savings (MWh per television sold)		
	Rated capacity Diagonal screen size > 40cm to ≤ 80cm	Rated capacity Diagonal screen size > 80cm to ≤ 120cm	Rated capacity Diagonal screen size > 120cm
Tier 1 MEPS: 8 Tier 2 MEPS: 5	0.1	-	-
Tier 2 MEPS: 5.5	0.2	0.3	-
Tier 1 MEPS: 9 Tier 2 MEPS: 6	0.3	0.5	0.7
Tier 1 MEPS: 10 Tier 2 MEPS: 7	0.5	0.8	1.4
Tier 2 MEPS: 8	0.6	1.1	1.9
Tier 2 MEPS: 9	0.7	1.3	2.4
Tier 2 MEPS: 10	0.8	1.5	2.8

Lifetime (for information purposes only) Lifetime = 10 years.
