



# **National Greenhouse and Energy Reporting (Measurement) Amendment (Energy) Determination 2017**

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I, Josh Frydenberg, Minister for the Environment and Energy, make the following determination.

Dated 27 June 2017

Josh Frydenberg  
Minister for the Environment and Energy

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## 1 Name

This instrument is the *National Greenhouse and Energy Reporting (Measurement) Amendment (Energy) Determination 2017*.

## 2 Commencement

- (1) Each provision of this instrument specified in column 1 of the table commences, or is taken to have commenced, in accordance with column 2 of the table. Any other statement in column 2 has effect according to its terms.

<b>Commencement information</b>		
<b>Column 1</b>	<b>Column 2</b>	<b>Column 3</b>
<b>Provisions</b>	<b>Commencement</b>	<b>Date/Details</b>
1. The whole of this instrument	1 July 2017.	1 July 2017

Note: This table relates only to the provisions of this instrument as originally made. It will not be amended to deal with any later amendments of this instrument.

- (2) Any information in column 3 of the table is not part of this instrument. Information may be inserted in this column, or information in it may be edited, in any published version of this instrument.

## 3 Authority

This instrument is made under subsection 10(3) of the *National Greenhouse and Energy Reporting Act 2007*.

## 4 Schedules

Each instrument that is specified in a Schedule to this instrument is amended or repealed as set out in the applicable items in the Schedule concerned, and any other item in a Schedule to this instrument has effect according to its terms.

## Schedule 1—Amendments

### *National Greenhouse and Energy Reporting (Measurement) Determination 2008*

#### **1 Paragraph 6.2(1)(a)**

Omit “solid or gaseous fuel”, substitute “solid fuel, gaseous fuel, sulphur, uranium or hydrogen”.

#### **2 Subsection 6.3(1)**

After “*(fuel)*”, insert “, other than sulphur, uranium or hydrogen,”.

#### **3 At the end of section 6.3**

Add:

*Sulphur, uranium or hydrogen*

- (3) The energy content of sulphur, uranium or hydrogen produced from the operation of the facility during the year is worked out using the following formula:

$$Z = Q \times EC$$

where:

*EC* is the energy content factor of sulphur, uranium or hydrogen (whichever is applicable) mentioned in Part 7 of Schedule 1, measured in gigajoules per tonne.

*Q* is the quantity of sulphur, uranium or hydrogen (whichever is applicable) produced during the year and measured in tonnes.

*Z* is the energy content of sulphur, uranium or hydrogen (whichever is applicable) produced during the year and measured in gigajoules.

#### **4 Subsection 6.5(1)**

After “*(fuel)*”, insert “, other than sulphur, uranium or hydrogen,”.

#### **5 Subsection 6.5(1) (subparagraphs (a)(i), (b)(i) and (d)(i) and (ii) of the definition of *EC<sub>i</sub>*)**

Omit “or Part 7”.

#### **6 At the end of section 6.5**

Add:

*Sulphur, uranium or hydrogen*

- (4) The energy content of sulphur, uranium or hydrogen consumed from the operation of the facility during the year is worked out using the following formula:

$$Z = Q \times EC$$

where:

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*EC* is the energy content factor of sulphur, uranium or hydrogen (whichever is applicable) mentioned in Part 7 of Schedule 1, measured in gigajoules per tonne.

*Q* is the quantity of sulphur, uranium or hydrogen (whichever is applicable) consumed during the year and measured in tonnes.

*Z* is the energy content of sulphur, uranium or hydrogen (whichever is applicable) consumed during the year and measured in gigajoules.

## **7 At the end of subsection 7.1(1)**

Add “, or the loss of electricity from an electricity transmission network or distribution network”.

## **8 Subsection 7.1(3)**

Repeal the subsection (not including the note).

## **9 Section 7.2 (heading)**

Repeal the heading, substitute:

### **7.2 Method 1—purchase and loss of electricity from main electricity grid in a State or Territory**

## **10 Subsection 7.2(1) (definition of Q)**

Omit “, subject to subsection (2),”.

## **11 Subsection 7.2(2)**

Repeal the subsection, substitute:

(1A) The method in subsection (1) must, subject to subsection (2), also be used for estimating scope 2 emissions released from electricity consumed from the operation of a facility during a year if the operation of the facility is constituted by an electricity transmission network or distribution network that is, or is part of, the main electricity grid in a State or Territory.

(2) In applying that method for the purposes of subsection (1A), *Q* is the quantity of electricity losses for that network during the year.

## **12 Section 7.3 (heading)**

Repeal the heading, substitute:

### **7.3 Method 1—purchase and loss of electricity from other sources**

## **13 Subsection 7.3(1) (definition of Q)**

Omit “, subject to subsection (2),”.

## **14 Subsection 7.3(2)**

Repeal the subsection, substitute:

(1A) The formula in subsection (1) must, subject to subsection (2), also be used for estimating scope 2 emissions released from electricity consumed from the operation of facility during a year if the operation of the facility is constituted by

an electricity transmission network or distribution network that is not, and is not part of, the main electricity grid in a State or Territory.

- (2) In applying that formula for the purposes of subsection (1A),  $Q$  is the quantity of electricity losses for that network during the year.

## 15 In the appropriate position in Chapter 9

Insert:

### 9.10 Amendments made by the *National Greenhouse and Energy Reporting (Measurement) Amendment (Energy) Determination 2017*

The amendments made by the *National Greenhouse and Energy Reporting (Measurement) Amendment (Energy) Determination 2017* apply in relation to:

- (a) the financial year starting on 1 July 2017; and
- (b) later financial years.

## 16 Schedule 1 (note to Schedule heading)

Omit “, 6.5(1) and 7.2(1)”, substitute “and (3), 6.5(1) and (4), 7.2(1) and 7.3(1)”.

## 17 Part 6 of Schedule 1

Repeal the Part, substitute:

### **Part 6—Indirect (scope 2) emission factors from consumption of electricity purchased or lost from grid**

Indirect (scope 2) emissions factors from consumption of electricity purchased or lost from grid		
Item	Column 1 State, Territory or grid description	Column 2 Emission factor kg CO <sub>2</sub> -e/kWh
77	New South Wales and Australian Capital Territory	0.83
78	Victoria	1.08
79	Queensland	0.79
80	South Australia	0.49
81	South West Interconnected System in Western Australia	0.70
82	Tasmania	0.14
83	Northern Territory	0.64

## 18 Part 7 of Schedule 1 (heading)

Repeal the heading, substitute:

### **Part 7—Energy commodities**

## 19 Part 7 of Schedule 1 (table, heading to column headed “Fuel”)

Repeal the heading, substitute:



**Energy commodity**