



# **National Greenhouse and Energy Reporting Amendment (2015 Measures No. 1) Regulation 2015**

## **Select Legislative Instrument No. 44, 2015**

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I, General the Honourable Sir Peter Cosgrove AK MC (Ret'd),  
Governor-General of the Commonwealth of Australia, acting with the  
advice of the Federal Executive Council, make the following regulation.

Dated 16 April 2015

Peter Cosgrove  
Governor-General

By His Excellency's Command

Greg Hunt  
Minister for the Environment

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*OPC60903 - B*



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## **1 Name**

This is the *National Greenhouse and Energy Reporting Amendment (2015 Measures No. 1) Regulation 2015*.

## **2 Commencement**

This instrument commences on 1 July 2015.

## **3 Authority**

This instrument is made under 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Each instrument that is specified in a Schedule to this instrument is amended or repealed as set out in the applicable items in the Schedule concerned, and any other item in a Schedule to this instrument has effect according to its terms.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 Regulations 2008*

#### 1 Regulation 1.03

Insert:

*greenhouse gas substance* has the same meaning as in section 7 of the *Offshore Petroleum and Greenhouse Gas Storage Act 2006*.

#### 2 Regulation 2.02

Repeal the regulation, substitute:

##### 2.02 Definition of *carbon dioxide equivalence*—values specified for determining carbon dioxide equivalence

For the definition of *carbon dioxide equivalence* in section 7 of the Act, the value specified in relation to a kind of greenhouse gas is the value specified as the Global Warming Potential for that greenhouse gas mentioned in an item of the following table.

**Table—Values specified for determining carbon dioxide equivalence**

Item	Greenhouse gas	Chemical formula	Global Warming Potential (GWP)
1	Carbon dioxide	CO <sub>2</sub>	1
2	Methane	CH <sub>4</sub>	25
3	Nitrous oxide	N <sub>2</sub> O	298
4	Sulphur hexafluoride	SF <sub>6</sub>	22 800
5	HFC-23	CHF <sub>3</sub>	14 800
6	HFC-32	CH <sub>2</sub> F <sub>2</sub>	675
7	HFC-41	CH <sub>3</sub> F <sub>2</sub>	92
8	HFC-43-10mcc	C <sub>5</sub> H <sub>2</sub> F <sub>10</sub>	1 640
9	HFC-125	C <sub>2</sub> HF <sub>5</sub>	3 500
10	HFC-134	C <sub>2</sub> H <sub>2</sub> F <sub>4</sub> (CHF <sub>2</sub> CHF <sub>2</sub> )	1 100
11	HFC-134a	C <sub>2</sub> H <sub>2</sub> F <sub>4</sub> (CH <sub>2</sub> FCF <sub>3</sub> )	1 430

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**Table—Values specified for determining carbon dioxide equivalence**

Item	Greenhouse gas	Chemical formula	Global Warming Potential (GWP)
12	HFC-143	C <sub>2</sub> H <sub>3</sub> F <sub>3</sub> (CHF <sub>2</sub> CH <sub>2</sub> F)	353
13	HFC-143a	C <sub>2</sub> H <sub>3</sub> F <sub>3</sub> (CF <sub>3</sub> CH <sub>3</sub> )	4 470
14	HFC-152a	C <sub>2</sub> H <sub>4</sub> F <sub>2</sub> (CH <sub>3</sub> CHF <sub>2</sub> )	124
15	HFC-227ea	C <sub>3</sub> HF <sub>7</sub>	3 220
16	HFC-236fa	C <sub>3</sub> H <sub>2</sub> F <sub>6</sub>	9 810
17	HFC-245ca	C <sub>3</sub> H <sub>3</sub> F <sub>5</sub>	693
18	Perfluoromethane (tetrafluoromethane)	CF <sub>4</sub>	7 390
19	Perfluoroethane (hexafluoroethane)	C <sub>2</sub> F <sub>6</sub>	12 200
20	Perfluoropropane	C <sub>3</sub> F <sub>8</sub>	8 830
21	Perfluorobutane	C <sub>4</sub> F <sub>10</sub>	8 860
22	Perfluorocyclobutane	c-C <sub>4</sub> F <sub>8</sub>	10 300
23	Perfluoropentane	C <sub>5</sub> F <sub>12</sub>	9 160
24	Perfluorohexane	C <sub>6</sub> F <sub>14</sub>	9 300

Note 1: Global Warming Potential (also known as GWP) is defined in the Glossary published by the UNFCCC as an index representing the combined effect of the differing times greenhouse gases remain in the atmosphere and their relative effectiveness in absorbing outgoing infrared radiation.

Note 2: The Global Warming Potential figures in the above table are the figures published by the Intergovernmental Panel on Climate Change in *Climate Change 2007: The Physical Science Basis* (Cambridge, UK: Cambridge University Press, 2007).

### 3 Subregulation 4.12(2)

Omit “CO<sub>2</sub>” (wherever occurring), substitute “greenhouse gas substances”.

### 4 Paragraph 4.12(3)(a)

Omit “the CO<sub>2</sub>”, substitute “greenhouse gas substances”.

### 5 Paragraph 4.12(3)(b)

Omit “the CO<sub>2</sub> was”, substitute “greenhouse gas substances were”.

