

*Environmental Protection Act 1986*

*Environmental Protection (Western Power Transmission Substation  
Noise Emissions) Approval 2005*

*as amended under regulation 17(9) Environmental Protection (Western  
Power Transmission Substation Noise Emissions) Approval Amendment  
2012\**

Made by the Minister under regulation 17(7) of the *Environmental Protection (Noise) Regulations 1997* after receiving a report from the Authority for the purposes of the regulation.

**1. Citation**

This approval is the *Environmental Protection (Western Power Transmission Substation Noise Emissions) Approval 2005*.

**2. Commencement**

This approval comes into operation on the day on which it is published in the *Gazette*.

**3. Duration of approval**

- (1) This approval ceases to operate on 31 December 2019 unless it continues under subclause (2).
- (2) If Western Power applies before 1 July 2019 for a further approval under regulation 17 in relation to transformer noise, then this approval continues to operate until the Minister either grants or refuses to grant the further approval.

**4. Interpretation**

- (1) In this approval, unless the contrary intention appears — **“assigned level”** has a meaning affected by subclause (2); **“building”** has the meaning given to that term in regulation 8(1);

**“LA 10 assigned level”** means a level of noise which, measured as a LA Slow value, is not to be exceeded for more than 10% of the representative assessment period;

**“noise-sensitive premises”** has a meaning affected by subclause (3);

**“regulation”** means a regulation of the *Environmental Protection (Noise) Regulations 1997*;

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**“representative assessment period”** means a period of 3 hours;

**“transformer noise”** means noise emitted, by the electrical power transformers or by the cooling equipment associated with electrical power transformers or both, from a transmission substation at a location specified in column 2 of an item in the Table in Schedule 1 or 2;

**“Western Power”** means the *Electricity Networks Corporation established by the Electricity Corporations Act 2005 section 4(1)(b) and operating under the trading name of Western Power*.\*

- (2) For the purposes of this approval, the Act and the regulations (except regulation 8) apply to transformer noise as if —
  - (a) the reference in regulation 7(1)(a) to the assigned level were a reference to the LA 10 assigned level determined under clause 6(2); and
  - (b) the following were deleted from regulation 7(1)(a) — “ , or significantly contribute to, ”.
- (3) In this approval, a reference to “noise-sensitive premises” is to be read as a reference to noise-sensitive premises at locations within 15 metres of a building directly associated with a noise-sensitive use.

[\*Clause 4 amended in Gazette 17 July 2012 p. 3275]

## 5. Grant of approval

Approval is granted to Western Power to allow transformer noise received at noise-sensitive premises to cause a level of noise that exceeds an assigned level determined under regulation 8(2).

## 6. $L_{A10}$ assigned levels

- (1) The  $L_{A10}$  assigned level for transformer noise when received at noise-sensitive premises is to be determined by reference to subclause (2) instead of by reference to the Table to regulation 8(2).
- (2) The  $L_{A10}$  assigned level for transformer noise emitted from a transmission substation at a location specified in column 2 of an item in the Table in Schedule 1 or 2 (whichever applies under subclause (3)), when received at noise-sensitive premises at a time of day during the period specified in the heading to column 3 or 4 of the Table, is the  $L_{A10}$  assigned level specified in column 3 or 4 of the item respectively.

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- (3) For the purposes of subclause (2) —
- (a) the Table in Schedule 1 applies during the period beginning on the commencement of this approval and ending on *30 June 2017\**; and
  - (b) the Table in Schedule 2 applies on and after *1 July 2017\**.

[\*Clause 6 amended in Gazette 17 July 2012 p. 3276]

## **7. Annual reports**

- (1) This approval is granted subject to the condition that Western Power prepare a written report —
  - (a) for the period beginning on the day on which *the Minister makes the Environmental Protection (Western Power Transmission Substation Noise Emissions) Approval Amendment 2012 and ending on 31 December 2012\**; and
  - (b) for each of the 12 month periods beginning on 1 January 2013, 2014, 2015, 2016 and 2017\*.
- (2) The report for a period must contain the following information for each transmission substation —
  - (a) if levels of transformer noise are recorded during the period, a summary of recorded levels;
  - (b) particulars of any measure that is taken by Western Power during the period to reduce the level of transformer noise received at noise-sensitive premises, including an assessment of the effectiveness of that measure;
  - (c) particulars of any action taken by Western Power during the period to inform occupiers of noise-sensitive premises about measures it has taken, or intends to take, to reduce transformer noise;
  - (d) particulars of any complaint, about transformer noise, by an occupier of noise-sensitive premises, that is referred to Western Power during the period, and particulars of Western Power's response to that complaint.
- (3) Western Power must give the report for a period to the CEO within 30 days after the end of the period, or within a greater number of days specified by the CEO.

[\*Clause 7 amended in Gazette 17 July 2012 p. 3276]

**Schedule 1 —  $L_{A10}$  assigned levels on and before 30 June 2017\***

[cl. 6]

<i>Column 1</i> <i>Item</i>	<i>Column 2</i> <i>Transmission substation</i> <i>(identified by location)</i>	<i>Column 3</i> <i><math>L_{A10}</math></i> <i>assigned</i> <i>level</i> <i>between</i> <i>0700 hours</i> <i>and</i> <i>2200 hours</i> <i>dB</i>	<i>Column 4</i> <i><math>L_{A10}</math></i> <i>assigned</i> <i>level</i> <i>between</i> <i>2200 hours</i> <i>and</i> <i>0700 hours</i> <i>dB</i>
1.	<i>Crandon Street, Gosnells</i>	52	47
2.	<i>Thelma Street, Como</i>	48	43
3.	<i>Manning Street, Scarborough</i>	48	40
4.	<i>Darch Street, Yokine</i>	53	48
5.	<i>Norma Road, Booragoon</i>	51	46
6.	<i>Catherine Street, Morley</i>	58	53
7.	<i>Fairway, Crawley</i>	48	43
8.	<i>Lewis Street, Kalamunda</i>	51	46
9.	<i>Townsend Road, Rockingham</i>	50	45
10.	<i>Weir Road, Malaga</i>	46	41
11.	<i>Retford Place, Carine</i>	56	51
12.	<i>George Street, Byford</i>	48	45
13.	<i>Forrest Avenue, East Perth</i>	55	54
14.	<i>Annois Road, Bibra Lake</i>	53	47
15.	<i>Alexander Road, Belmont</i>	49	44
16.	<i>Arkana Road, Westminster</i>	52	46
17.	<i>Hawke Avenue, Wundowie</i>	52	47
18.	<i>Wittenoom Street, Boulder</i>	51	45
19.	<i>Durlacher Street, Geraldton</i>	45	40
20.	<i>York Road, Northam</i>	50	48

[\*Schedule 1 amended in Gazette 17 July 2012 p. 3276-7]

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**Schedule 2 —  $L_{A 10}$  assigned levels on and after 1 July 2017\***

[cl. 6]

<i>Column 1</i> <i>Item</i>	<i>Column 2</i> <i>Transmission substation</i> <i>(identified by location)</i>	<i>Column 3</i> <i><math>L_{A 10}</math></i> <i>assigned</i> <i>level</i> <i>between</i> <i>0700 hours</i> <i>and</i> <i>2200 hours</i> <i>dB</i>	<i>Column 4</i> <i><math>L_{A 10}</math></i> <i>assigned</i> <i>level</i> <i>between</i> <i>2200 hours</i> <i>and</i> <i>0700 hours</i> <i>dB</i>
1.	<i>Crandon Street, Gosnells</i>	47	42
2.	<i>Thelma Street, Como</i>	48	43
3.	<i>Manning Street, Scarborough</i>	48	40
4.	<i>Darch Street, Yokine</i>	48	43
5.	<i>Norma Road, Booragoon</i>	48	43
6.	<i>Catherine Street, Morley</i>	48	43
7.	<i>Fairway, Crawley</i>	48	43
8.	<i>Lewis Street, Kalamunda</i>	47	42
9.	<i>Townsend Road, Rockingham</i>	48	43
10.	<i>Weir Road, Malaga</i>	46	41
11.	<i>Retford Place, Carine</i>	53	48
12.	<i>George Street, Byford</i>	48	43
13.	<i>Forrest Avenue, East Perth</i>	55	52
14.	<i>Annois Road, Bibra Lake</i>	53	47
15.	<i>Alexander Road, Belmont</i>	49	44
16.	<i>Arkana Road, Westminster</i>	51	46
17.	<i>Hawke Avenue, Wundowie</i>	52	47
18.	<i>Wittenoom Street, Boulder</i>	51	45
19.	<i>Durlacher Street, Geraldton</i>	45	40
20.	<i>York Road, Northam</i>	50	48

[\*Schedule 2 amended in Gazette 17 July 2012 p. 3277-8]

Judy Edwards, Minister for the Environment.

\*Amendments approved by Bill Marmion, Minister for Environment on 25 June 2012.

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