



27 March 2013

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Dear Mr Pattas

**Fire start reports under clause 5 of the F-Factor Scheme Order 2011**

In a letter, dated 27 August 2012, you requested Jemena Electricity Networks (**JEN**) to submit fire start reports to the Australian Energy Regulator (**AER**) by 31 March for each year based on the outcomes of the previous regulatory year. The first report is due by 31 March 2013.

The fire starts report for Jemena Electricity Networks for 2012 is set out in Attachment 1.

If you have questions in relation to this report or would like to discuss this further, please contact David Speairs on (03) 8544 9614 or by email [david.speairs@jemena.com.au](mailto:david.speairs@jemena.com.au)

Yours sincerely

A handwritten signature in blue ink, appearing to read "Richard Twisk".

**Richard Twisk**  
General Manager Electricity Networks



## Attachment 1

### Jemena Electricity Networks Fire Start Report for 2012

#### 1. Background

Under clause 5(1) of the F-Factor Scheme 2011 (the **Order**), the Australian Energy Regulator (**AER**) has the power to request Victorian electricity distributors to submit fire start reports. The AER has requested distributors submit these reports by 31 March each year based on the outcomes of the previously regulatory year. The first fire start report is due by 31 March 2012.

Jemena Electricity Networks (**JEN**) identify, monitor, analyse, investigate and report on all known fires related to its electricity network assets. The fire starts are investigated and reported by JEN. Recommendations arising out of the investigations are assigned to responsible persons for implementation. Fire starts are internally reported as well as being reported to relevant external authorities.

JEN has a program of maintenance and condition based replacement activities. One of these activities is targeted specifically at pole fire mitigation, a program which focuses on the replacement of sub-transmission and high voltage wooden crossarms in geographic areas that have been identified as pole fire prone areas. JEN also implements a comprehensive program to meet its own vegetation management obligations.

Municipal councils also have responsibilities for maintaining clearances between overhead electricity conductors and vegetation, and JEN works closely with the councils to minimise the occurrence of fire starts associated with vegetation interacting with overhead conductors.

JEN will continue these activities in 2013 and continue our objective to minimise the number of fire starts associated with network assets.

#### 2. Definitions

JEN is informed by the following definitions in the preparation of this fire start report.

##### **Fire Hazard (Danger) Rating**

JEN has utilised the CFA Fire Danger Ratings as defined by the Country Fire Authority (**CFA**) and published on the CFA website.

##### **Bushfire Risk Area**

JEN has used the definition of hazardous bushfire risk area in the Electricity Safety Act 1998.

Hazardous bushfire risk area means an area:

- (a) to which a fire authority has assigned a fire hazard rating of "high" under section 80, whether or not the area is an urban area; or

- (b) that is not an urban area (other than an area a fire control authority has assigned a fire hazard rating of "low" under section 80);

### **Feeder Classifications**

JEN has utilised the feeder classifications that have been defined for the service target performance incentive scheme (**STPIS**). Feeders are classified as central business district (**CBD**), Urban, Rural Short or Rural Long. JEN's network contains only Urban and Rural Short feeders. The STPIS definitions are:

- (a) CBD – supplies predominantly high rise commercial buildings, supplied by a predominantly underground distribution network containing significant interconnection and redundancy compared to urban areas;
- (b) Urban – not a CBD feeder, with actual maximum demand over the reporting period per total feeder route length greater than 0.3 MVA/km;
- (c) Rural short – not a CBD or Urban feeder with a total feeder route length less than 200km and;
- (d) Rural long – not a CBD or Urban feeder with a total feeder route length greater than 200km

### **Fire Start by Asset and Fire Start by Category**

JEN has utilised the fire start by asset definitions in accordance with Energy Safe Victoria (**ESV**) reporting guidelines. These are documented in "*ESV Distribution Business Electricity Safety Performance Reporting Guide, April 2011*"

### **Kind of Fire Start**

JEN has used the fire start definition under Clause 4 of F Factor Order. Under clause 4 of the Order, fire starts covered by an f-factor scheme determination are any fire:

- (a) That starts in or originates from a distribution system;
- (b) Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system;
- (c) Started by any person, bird, reptile, or other animal in or on a distribution system;
- (d) Started by lightning striking a distribution system or a part of a distribution system; and
- (e) Started by any other thing forming part of or coming into contact with a distribution system; or
- (f) Otherwise started by a distribution system.

Additionally, JEN has used the definition on 'fire' in the AER regulatory information notice (RIN) template<sup>1</sup>:

*"Fire" should be interpreted using its common meaning and can be defined as a process in which substances combine chemically with oxygen from the air and typically give out bright light, heat and smoke. A fire should be recorded where there is evidence of smoking, charring, scorching, burning or any other evidence that a fire had occurred.*

### 3. Number of fire starts

JEN has summarised the data into tables to show the percentage and actual number of fire starts in the following categories:

- CFA Fire Hazard Rating
- Bushfire Risk Area
- Feeder Classification
- Fire Start by Category
- Kind of Fire Start
- Fire Start by Asset

Table 1: Number of fire starts by Fire Hazard Rating

<b>CFA Fire Hazard Rating (weather conditions on the day of the fire)</b>	<b>No of Fires</b>	<b>% of Fires</b>
Severe	1	2.4
Very high	6	14.3
High	8	19.0
Low-moderate	13	31.0
Unavailable <sup>2</sup>	14	33.3
<b>Total</b>	<b>42</b>	<b>100</b>

Table 2: Number of fire starts by Bushfire Risk Area

<b>Bushfire Risk Area</b>	<b>No of Fires</b>	<b>% of Fires</b>
Hazardous Bushfire Risk Area (HBRA)	2	4.8
Low Bushfire Risk Area (LBRA)	40	95.2
<b>Total</b>	<b>42</b>	<b>100</b>

Table 3: Number of fire starts by Feeder Classification

<b>Feeder Classification</b>	<b>No of Fires</b>	<b>% of Fires</b>
Rural	4	9.5
Urban	38	90.5
<b>Total</b>	<b>42</b>	<b>100</b>

<sup>1</sup> Dated 8 August 2011.

<sup>2</sup> Fire Hazard Ratings are only maintained by the Bureau of Meteorology for the period January to April and November to December 2012.

Table 4: Number of fire starts by Category

<b>Fire Start by Category</b>	<b>No of Fires</b>	<b>% of Fires</b>
Asset failures resulting in grass/vegetation fire	3	7.1
Grass/vegetation fires from assets (non-asset failures)	13	31.0
Asset failures resulting in asset fire (no grass/vegetation fire)	26	61.9
Any other fire start	0	0
<b>Total</b>	<b>42</b>	<b>100</b>

Table 5: Number of fire starts by Kind of Fire Start

<b>Kind of Fire Start</b>	<b>No of Fires</b>	<b>% of Fires</b>
Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system	11	26.2
Started by any person, bird, reptile or other animal coming into contact with a distribution system	2	4.8
Started by lightning striking a distribution system or a part of a distribution system	0	0
Started by any other thing forming part of or coming into contact with a distribution system	28	66.6
Otherwise started by a distribution system	1	2.4
<b>Total</b>	<b>42</b>	<b>100</b>

Table 6: Number of fire starts by Asset

<b>Fire Start by Asset</b>	<b>No of Fires</b>	<b>% of Fires</b>
Any additional fires, caused by any asset failure, not reported to the ESV and required to be reported by the f-factor Order	0	0
Any fire triggered by any asset failure caused by lightning	0	0
Fire starts in grass/vegetation resulting from animal contact with network assets	2	4.7
Fire starts in grass/vegetation resulting from other causes (vehicle strikes, vandalism etc.)	0	0
Fire starts in grass/vegetation resulting from trees contacting network assets	11	26.2
HV fuse	1	2.4
Oil-filled plant	0	0
Other assets <sup>3</sup>	11	26.2
Pole and cross arm fire	17	40.5
<b>Total</b>	<b>42</b>	<b>100</b>

#### 4. Table of all fire starts

Appendix 1 is a table all fire starts in 2012. It shows the kind of fire start (as per the AER's f-factor scheme determination), date, time, geographic location of the fire, and whether the fire was reported to the relevant authority.

<sup>3</sup> Other Assets includes: 2 kiosk substations, 5 public lighting control boxes, 2 isolators, 1 HV dropper and 1 instance of HV conductor.

5. Appendix 1 – Table of all Fire Starts in 2012

Fire Start No	Date	Time	Location	Feeder ID	Network categorisation	High Bushfire Risk Area	Fire Start by Asset	Kind of Fire Start by F-factor Order - Clause 4	Fire Danger period declared?	Estimated area burnt (m <sup>2</sup> )	Reported to a relevant entity?	Voltage Level	Fault description
Fire Start 1	02/01/2012	07:15	33 Kingsley Drive Sunbury	SBY32	Rural	LBRA (Low Bushfire Risk Area)	Other Assets	Started by any other thing forming part of or coming into contact with a distribution system	Yes	<6	Yes	HV	During the activation of a kiosk substation a fire started on the low voltage switchboard cable connections. Substation replaced.
Fire Start 2	10/01/2012	17:23	O/S 511 Barkly St West Footscray	FW4	Urban	LBRA (Low Bushfire Risk Area)	Pole and crossarm fire (including 'smouldering' or 'smoke')	Started by any other thing forming part of or coming into contact with a distribution system	No	<0.2	Yes	HV	Switch insulators failed causing a pole fire. Replaced pole and fitted Boric Acid fuses to the underground cable.
Fire Start 3	27/01/2012	15:30	36 Echuca St Broadmeadows	BD10	Urban	LBRA (Low Bushfire Risk Area)	Other Assets	Started by any other thing forming part of or coming into contact with a distribution system	No	<2	Yes	HV	Molten metal and small grass fire at base of feeder exit cable head pole isolators. Isolators replaced.
Fire Start 4	29/01/2012	22:00	25 Willow tree Dr Niddrie	AW6	Urban	LBRA (Low Bushfire Risk Area)	Other Assets	Started by any other thing forming part of or coming into contact with a distribution system	No	<6	Yes	HV	Substation Willow tree-Persica low voltage switchboard caught fire. Substation replaced.
Fire Start 5	30/01/2012	02:46	Opposite 12 Guilfoyle St Coburg North	CN5	Urban	LBRA (Low Bushfire Risk Area)	Pole and crossarm fire (including 'smouldering' or 'smoke')	Started by any other thing forming part of or coming into contact with a distribution system	No	<0.2	Yes	HV	Crossarm fire. Crossarm replaced with a new steel crossarm.
Fire Start 6	30/01/2012	03:18	Sydney Rd corner Gould St Coburg	CN2	Urban	LBRA (Low Bushfire Risk Area)	Pole and crossarm fire (including 'smouldering' or 'smoke')	Started by any other thing forming part of or coming into contact with a distribution system	No	<0.2	Yes	HV	Crossarm fire. Crossarm replaced with a new steel crossarm.
Fire Start 7	30/01/2012	04:18	1 Clyde St Newport	NT17	Urban	LBRA (Low Bushfire Risk Area)	Pole and crossarm fire (including 'smouldering' or 'smoke')	Started by any other thing forming part of or coming into contact with a distribution system	No	<0.2	Yes	HV	Crossarm fire. Crossarm replaced with a new steel crossarm.
Fire Start 8	31/01/2012	01:35	1 Bimbadeen Cr Yallambie	NH2	Urban	LBRA (Low Bushfire Risk Area)	Pole and crossarm fire (including 'smouldering' or 'smoke')	Started by any other thing forming part of or coming into contact with a distribution system	No	<0.2	Yes	HV	Crossarm fire. Crossarm replaced with a new steel crossarm.
Fire Start 9	03/02/2012	09:05	30 McNamara Ave Airport West	AW7	Urban	LBRA (Low Bushfire Risk Area)	Other Assets	Started by any other thing forming part of or coming into contact with a distribution system	No	0.0225	Yes	LV	Public lighting lantern caught fire from internal fault. Lantern replaced.
Fire Start 10	04/02/2012	13:24	William St, beside 119 Pilgrim St, Seddon	FE9	Urban	LBRA (Low Bushfire Risk Area)	Pole and crossarm fire (including 'smouldering' or 'smoke')	Started by any other thing forming part of or coming into contact with a distribution system	No	<0.2	Yes	HV	Crossarm fire. Crossarm replaced with a new steel crossarm.
Fire Start 11	05/02/2012	13:34	16 Rhonda St, Avondale Heights	BY14	Urban	LBRA (Low Bushfire Risk Area)	Fire starts in grass/vegetation resulting from trees contacting network assets	Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system	No	300	Yes	LV	Tree branch fell across low voltage mains. No repairs to infrastructure required.
Fire Start 12	11/02/2012	01:03	Sydenham Terminal Station, Victoria Street Sydenham	SHM14	Urban	LBRA (Low Bushfire Risk Area)	Pole and crossarm fire (including 'smouldering' or 'smoke')	Started by any other thing forming part of or coming into contact with a distribution system	Yes	<0.2	Yes	HV	Crossarm fire. Crossarm replaced with a new steel crossarm.
Fire Start 13	11/02/2012	01:32	745 Mt Alexander Rd, Moonee Ponds	NS18	Urban	LBRA (Low Bushfire Risk Area)	Pole and crossarm fire (including 'smouldering' or 'smoke')	Started by any other thing forming part of or coming into contact with a distribution system	No	<0.2	Yes	HV	Crossarm fire. Crossarm replaced with a new steel crossarm.
Fire Start 14	11/02/2012	01:39	Francis St, 2 west of Hyde St Yarraville	WMTS-FE#2	Urban	LBRA (Low Bushfire Risk Area)	Pole and crossarm fire (including 'smouldering' or 'smoke')	Started by any other thing forming part of or coming into contact with a distribution system	No	<0.2	Yes	HV	Crossarm fire. Crossarm replaced with a new steel crossarm.
Fire Start 15	11/02/2012	03:38	101 Mason St, Newport	NT3	Urban	LBRA (Low Bushfire Risk Area)	Pole and crossarm fire (including 'smouldering' or 'smoke')	Started by any other thing forming part of or coming into contact with a distribution system	No	<0.2	Yes	HV	Crossarm fire. Crossarm replaced with a new steel crossarm.
Fire Start 16	08/03/2012	14:49	139 South Circular Rd Near Carrick Dr, Gladstone Park	AW2	Urban	LBRA (Low Bushfire Risk Area)	Other Assets	Started by any other thing forming part of or coming into contact with a distribution system	No	<0.2	Yes	HV	High voltage dropper fire. All three droppers replaced.
Fire Start 17	23/03/2012	14:49	Opposite on west side of 51 Francis St Yarraville	YTS4	Urban	LBRA (Low Bushfire Risk Area)	Pole and crossarm fire (including 'smouldering' or 'smoke')	Started by any other thing forming part of or coming into contact with a distribution system	No	<0.2	Yes	HV	Crossarm fire. Crossarm replaced with a new steel crossarm.
Fire Start 18	09/04/2012	10:57	176 Rathcown Rd Reservoir	TT11	Urban	LBRA (Low Bushfire Risk Area)	Pole and crossarm fire (including 'smouldering' or 'smoke')	Started by any other thing forming part of or coming into contact with a distribution system	No	<0.2	Yes	LV	Low voltage crossarm fire. Crossarm replaced.
Fire Start 19	10/04/2012	00:27	70-82 High St Preston	CS3	Urban	LBRA (Low Bushfire Risk Area)	Fire starts in grass/vegetation resulting from trees contacting network assets	Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system	No	<0.2	Yes	HV	Branch broke and fell across the high voltage conductor. Branch removed from the overhead lines.
Fire Start 20	16/05/2012	21:03	130 Anderson Rd Fawkner	CN6	Urban	LBRA (Low Bushfire Risk Area)	Other Assets	Started by any other thing forming part of or coming into contact with a distribution system	No	<0.2	Yes	LV	Low voltage transformer isolator failed. Low voltage isolator replaced.
Fire Start 21	04/06/2012	02:07	32 Napier St Footscray, (lantern on south side of pole in median strip)	FE6	Urban	LBRA (Low Bushfire Risk Area)	Other Assets	Started by any other thing forming part of or coming into contact with a distribution system	No	0.0225	Yes	LV	Public lighting lantern caught fire from internal fault. Lantern replaced.
Fire Start 22	08/06/2012	10:25	23 Clunes St, Kingsbury	TT11	Urban	LBRA (Low Bushfire Risk Area)	Fire starts in grass/vegetation resulting from trees contacting network assets	Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system	No	<0.2	Yes	HV	Burnt tree branch found. No damage to conductors. Tree branch removed.
Fire Start 23	30/06/2012	23:48	Lot3, 75 Welsh Rd Gisborne South	SBY32	Rural	LBRA (Low Bushfire Risk Area)	Pole and crossarm fire (including 'smouldering' or 'smoke')	Started by any other thing forming part of or coming into contact with a distribution system	No	<0.2	Yes	HV	Dropper failed at the fuse end and rested on the pole igniting a small pole fire. High voltage dropper between the fuse and the transformer replaced.

Fire Start No	Date	Time	Location	Feeder ID	Network categorisation	High Bushfire Risk Area	Fire Start by Asset	Kind of Fire Start by F-factor Order - Clause 4	Fire Danger period declared?	Estimated area burnt (m <sup>2</sup> )	Reported to a relevant entity?	Voltage Level	Fault description
Fire Start 24	10/08/2012	08:43	28 Arncliffe Blvd Greenvale	COO14	Urban	LBRA (Low Bushfire Risk Area)	Pole and crossarm fire (including 'smouldering' or 'smoke')	Started by any other thing forming part of or coming into contact with a distribution system	No	<0.2	Yes	LV	Low voltage crossarm nearly burnt through due to tracking from high voltage. Low voltage and high voltage crossarms replaced.
Fire Start 25	26/08/2012	19:44	23 Darling St Fairfield	FF95	Urban	LBRA (Low Bushfire Risk Area)	Other Assets	Started by any other thing forming part of or coming into contact with a distribution system	No	0.0225	Yes	LV	Public lighting lantern caught fire from internal fault. Lantern replaced.
Fire Start 26	30/08/2012	22:34	Cnr Riddell Rd & Dalrymple Rd Sunbury	SBY11	Rural	HBRA (Hazardous Bushfire Risk Area)	Other Assets	Started by any other thing forming part of or coming into contact with a distribution system	No	0.0225	Yes	LV	Public lighting lantern caught fire from internal fault. Lantern replaced.
Fire Start 27	05/09/2012	15:12	13 Studley Street Maidstone	FW17	Urban	LBRA (Low Bushfire Risk Area)	Fire starts in grass/vegetation resulting from trees contacting network assets	Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system	No	<0.2	Yes	HV	A branch broke from a private tree and fell across two phases of the high voltage line due to strong winds. The tree branch was removed from the high voltage overhead line.
Fire Start 28	05/09/2012	15:35	22 McNamara Ave Airport West	AW7	Urban	LBRA (Low Bushfire Risk Area)	Fire starts in grass/vegetation resulting from trees contacting network assets	Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system	No	approx 10m <sup>2</sup>	Yes	LV	Private tree damaged the service insulation and the resulting sparks ignited debris in the front yard at this property. Damage to facade of the weatherboard house and a number of unkempt trees. Service was removed.
Fire Start 29	12/09/2012	08:37	Creek reserve behind 11 Autumndale Ave Reservoir	NH16	Urban	LBRA (Low Bushfire Risk Area)	Fire starts in grass/vegetation resulting from animal contact with network assets	Started by any person, bird, reptile or other animal coming into contact with a distribution system	No	<2	Yes	HV	Magpie caused a flashover. The bird started a small grass fire which self extinguished. Conductor repaired.
Fire Start 30	20/09/2012	19:55	Blair St 1 north of Camp Rd Broadmeadows	BD11	Urban	LBRA (Low Bushfire Risk Area)	Other Assets	Started by any other thing forming part of or coming into contact with a distribution system	No	0.0225	Yes	LV	Public lighting lantern caught fire from internal fault. Lantern replaced.
Fire Start 31	29/09/2012	13:53	Opposite 43 Gent St Yarraville	FW5	Urban	LBRA (Low Bushfire Risk Area)	Fire starts in grass/vegetation resulting from trees contacting network assets	Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system	No	<0.2	Yes	HV	Pine trees in Inglis Reserve (Council responsibility) contacted the high voltage overhead conductors and caught fire.
Fire Start 32	24/10/2012	12:06	Ardlie Street West Meadows	AW9	Urban	LBRA (Low Bushfire Risk Area)	Fire starts in grass/vegetation resulting from trees contacting network assets	Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system	No	<0.2	Yes	HV	Short small branch fell across HV and tripped the feeder. The branch had scorch marks but no other evidence of fire was observed. No action to repair the line or cut the tree was required.
Fire Start 33	31/10/2012	19:59	5 Gordon Pde Yarraville	FE5	Urban	LBRA (Low Bushfire Risk Area)	Fire starts in grass/vegetation resulting from trees contacting network assets	Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system	No	<2	Yes	LV	Council responsible tree pushed Optus into the low voltage street mains which clashed and ignited a small grass fire. Council tree cut away from Optus service.
Fire Start 34	05/11/2012	20:18	14 MacKay Street Yarraville	FE9	Urban	LBRA (Low Bushfire Risk Area)	Fire starts in grass/vegetation resulting from trees contacting network assets	Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system	No	<2	Yes	LV	Council responsible tree rubbed against overhead service. Replaced the low voltage services to 14 and 16 Mackay St.
Fire Start 35	29/11/2012	16:29	34 Thornton St MacLeod	NH2	Urban	LBRA (Low Bushfire Risk Area)	Pole and crossarm fire (including 'smouldering' or 'smoke')	Started by any other thing forming part of or coming into contact with a distribution system	No	<0.2	Yes	HV	Crossarm fire. Crossarm replaced with a new steel crossarm.
Fire Start 36	08/12/2012	12:06	RO 104 The Avenue Spotswood	FE5	Urban	LBRA (Low Bushfire Risk Area)	Fire starts in grass/vegetation resulting from trees contacting network assets	Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system	No	0.5	Yes	LV	Low voltage conductor clashed in Muir St causing a minor grass fire (approx. 0.5m <sup>2</sup> ) in the backyard of 104 The Avenue Spotswood. It appears a street tree may have contributed to the clashing.
Fire Start 37	08/12/2012	15:51	Side of 14 Medfield Avenue Avondale Heights	BY14	Urban	LBRA (Low Bushfire Risk Area)	HV Fuse	Started by any other thing forming part of or coming into contact with a distribution system	No	0.5	Yes	HV	High voltage fuse candled and failed causing a small grass fire at base of substation pole. Fuse replaced.
Fire Start 38	13/12/2012	17:21	Darebin creek reserve at east end of Wood Street Preston	TTS-EP	Urban	LBRA (Low Bushfire Risk Area)	Pole and crossarm fire (including 'smouldering' or 'smoke')	Started by any other thing forming part of or coming into contact with a distribution system	No	<0.2	Yes	HV	Crossarm fire. Crossarm replaced with a new steel crossarm.
Fire Start 39	16/12/2012	19:43	In paddock adjacent to Sydenham zone substation.	SHM11	Rural	HBRA (Hazardous Bushfire Risk Area)	Other Assets	Otherwise started by a distribution system	Yes	800	Yes	HV	A truck unloading tyres hit the high voltage overhead causing a conductor to burn down which started a grass fire. High voltage overhead conductor repaired.
Fire Start 40	24/12/2012	05:00	13 Melon St Braybrook	BY11	Urban	LBRA (Low Bushfire Risk Area)	Fire starts in grass/vegetation resulting from trees contacting network assets	Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system	No	0.0225	Yes	LV	White and Blue phase low voltage mains clashing in the wind causing sparks and a small grass fire approx 15cm x 15cm. Low voltage spreader installed in that span.
Fire Start 41	27/12/2012	15:52	13 Bonwick St Fawkner	CN10	Urban	LBRA (Low Bushfire Risk Area)	Fire starts in grass/vegetation resulting from animal contact with network assets	Started by any person, bird, reptile or other animal coming into contact with a distribution system	No	<0.5	Yes	HV	Crow caught fire after contacting high voltage and caused a small fire in a shrub. Surge diverters damaged on south side of switch in Bonwick St. Assets replaced.
Fire Start 42	28/12/2012	09:47	314 Yallambie Road Yallambie	NH2	Urban	LBRA (Low Bushfire Risk Area)	Pole and crossarm fire (including 'smouldering' or 'smoke')	Started by any other thing forming part of or coming into contact with a distribution system	No	<0.2	Yes	HV	Crossarm fire. Crossarm replaced with a new steel crossarm.