

# Fire Start Report (F - Factor) 2015

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## United Energy Fire Start Report (F – Factor) 2015

This fire start report has been compiled by United Energy to comply with a request from the Australian Energy Regulator (AER) under clause 5 of the F-Factor Scheme Order 2011.

## 1 APPROVAL RECORD

This fire start report has been compiled by United Energy to comply with a request from the Australian Energy Regulator (AER) under clause 5 of the F-Factor Scheme Order 2011.

| AUTHOR |                         |            |                                                                                     |
|--------|-------------------------|------------|-------------------------------------------------------------------------------------|
| Name:  | Trevor Fisher           | Signature: |  |
| Title  | Fire Prevention Manager | Date       | 25/2/16                                                                             |

| SPONSOR |                              |            |                                                                                     |
|---------|------------------------------|------------|-------------------------------------------------------------------------------------|
| Name:   | Michael Besselink            | Signature: |  |
| Title   | Maintenance Delivery Manager | Date       | 26/2/16                                                                             |

| APPROVER |                                  |            |                                                                                     |
|----------|----------------------------------|------------|-------------------------------------------------------------------------------------|
| Name:    | Ross Musgrove                    | Signature: |  |
| Title    | General Manager Service Delivery | Date       | 26-2-2016                                                                           |

## 2 PURPOSE

The purpose of the fire start report is to comply with the request from the AER dated 27 August 2012 under clause 5 of the F-Factor Scheme Order 2011. This request is included within this report as "Attachment A".

Please note that although the information contained in the Fire Start Report is correct to the best United Energy's knowledge, the information regarding the timing and location of fires and the element of the network that caused the fire has been obtained from a variety of sources and United Energy cannot confirm the accuracy of the information.

The inclusion of this information is not an admission that individual fires actually occurred or an admission as to their causes. Further, the information contained in the Fire Start Report should not be taken as an admission of legal liability of any kind in relation to any of the individual fires listed in the report."

## 3 SCOPE

This report contains fires that have emanated from, or as a result of coming into contact with the United Energy (UE) electricity network assets from 00:00hrs on the 1 January 2015 to 24:00hrs on the 21 December 2015

## 4 DEFINITIONS

|                                         |                                                                                                                                                                                                                                                                              |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Australian Energy Regulator (AER)       | The AER is Australia's national energy market regulator and an independent statutory authority.                                                                                                                                                                              |
| F-Factor Scheme                         | On 23 June 2011, the Victorian Government introduced an 'f-factor scheme' This scheme is intended to provide incentives for Distribution Network Service Providers (DNSPs) to reduce the risk of fire starts and to reduce the risk of loss or damage caused by fire starts. |
| F-Factor Event                          | See section 6                                                                                                                                                                                                                                                                |
| Fire                                    | For the purposes of Fire start (F-Factor) reporting a fire is defined as having heat, light and flames that are occur when something burns                                                                                                                                   |
| Service Provider (SP)                   | An organisation contracted by UE to provide infrastructure services, this includes the UE call centre, dispatch, NCC and field crews                                                                                                                                         |
| United Energy (UE)                      | The owner of the electrical distribution network in the southern and eastern suburbs of Melbourne and the Mornington Peninsula.                                                                                                                                              |
| UE Events                               | Any outages, faults and requests inputted into the UE DMS that require a response from UE.                                                                                                                                                                                   |
| UE Distribution Management System (DMS) | The UE DMS records all events that are communicated to the UE call centre, UE dispatch, the UE NCC (including automated events on the HV network where devices have operated) that require investigation.                                                                    |

## 5 RESPONSIBILITIES

|                                     |                                                                                                                                                                                           |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UE Fire Prevention Planning Manager | The Fire Prevention Planning Manager is responsible for ensuring all fire starts are reported and recorded and determining if the fire start constituted an F-Factor event.               |
| UE General Manager Regulatory       | The GM Regulatory Manager is responsible for providing the F-Factor data to the AER in the format requested in line with clause 5 of the F-Factor Scheme Order 2011 and the RIN template. |

## 6 F-FACTOR EVENTS

The Victorian Distribution Network Service Providers (DNSP) jointly issued a memorandum dated the 30<sup>th</sup> March 2012 to AER providing guidance to what they considered constituted an F-Factor event under the F-Factor Scheme.

This memorandum is included in this report as "Attachment B" and was used by UE to determine any F-Factor event.

## 7 SUMMARY

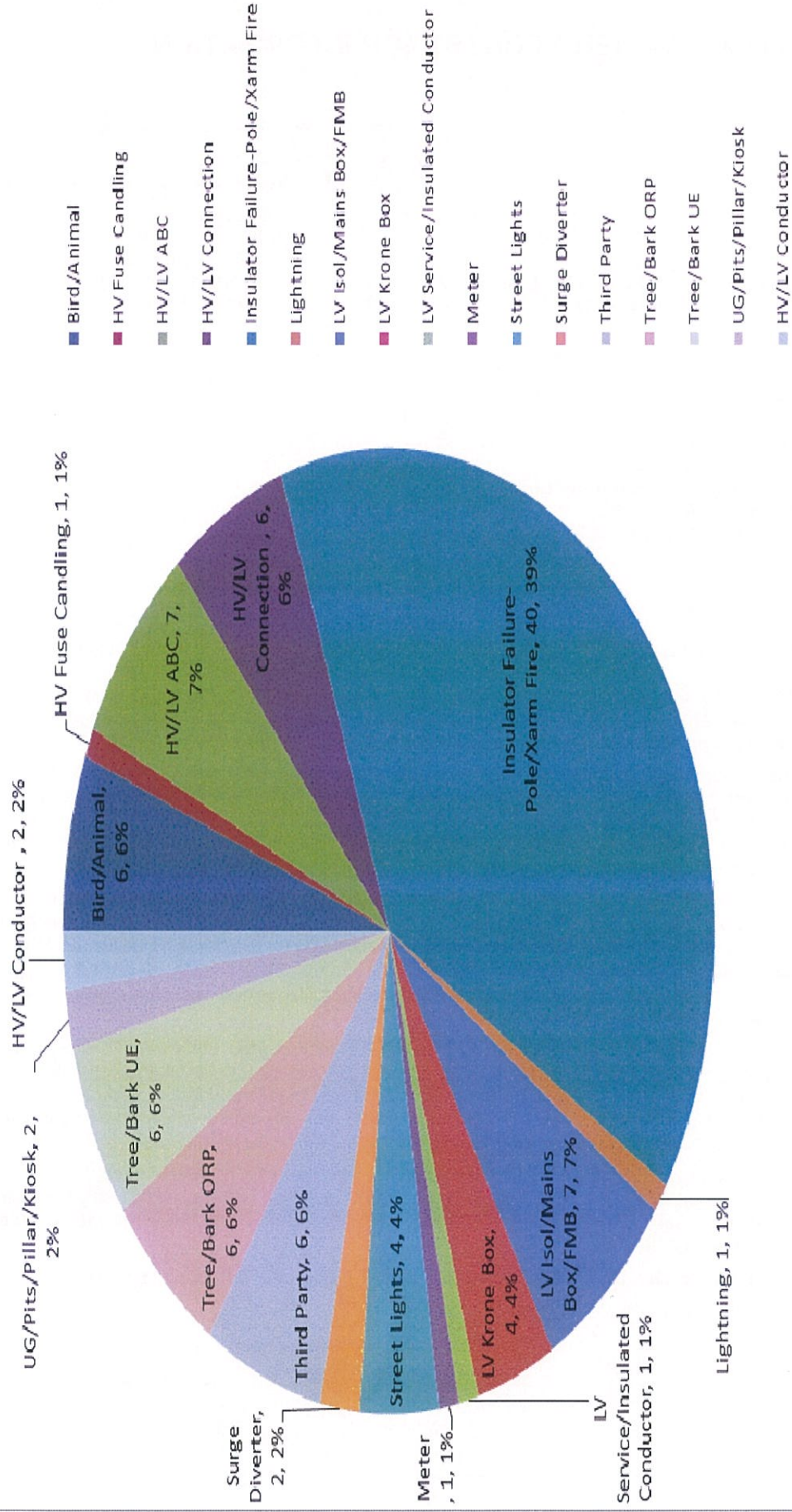
### F-Factor Events by Fire Hazard Rating

|                                     | Number of Events | % of Events |
|-------------------------------------|------------------|-------------|
| Hazardous Bushfire Risk Area (HBRA) | 16               | 15.7%       |
| Low Bushfire Risk Area (LBRA)       | 86               | 84.3%       |
| <b>Total F-Factor Events</b>        | <b>102</b>       | <b>100%</b> |

### F-Factor Events by Equipment Type

| F-Factor Events                  | Number of Events | % of Events |
|----------------------------------|------------------|-------------|
| Insulator Failure-Pole/Xarm Fire | 40               | 39%         |
| HV/LV ABC                        | 7                | 7%          |
| LV Isol/Mains Box/FMB            | 7                | 7%          |
| Bird/Animal                      | 6                | 6%          |
| HV/LV Connection                 | 6                | 6%          |
| Third Party                      | 6                | 6%          |
| Tree/Bark ORP                    | 6                | 6%          |
| Tree/Bark UE                     | 6                | 6%          |
| LV Krone Box                     | 4                | 4%          |
| Street Lights                    | 4                | 4%          |
| Surge Diverter                   | 2                | 2%          |
| UG/Pits/Pillar/Kiosk             | 2                | 2%          |
| HV/LV Conductor                  | 2                | 2%          |
| HV Fuse Candling                 | 1                | 1%          |
| Lightning                        | 1                | 1%          |
| LV Service/Insulated Conductor   | 1                | 1%          |
| Meter                            | 1                | 1%          |
| <b>Total F-Factor Events</b>     | <b>102</b>       | <b>100%</b> |

Graph of F-Factor Event Causes 2015



## 8 Attachment A – AER REQUEST FOR INFORMATION



RECEIVED 28 AUG 2012  
AUSTRALIAN ENERGY  
REGULATOR

Our Ref: 48098  
Contact Officer: David Chan or Paul Michel  
Contact Phone: 9290 1446 or 9290 6946

GPO Box 520  
Melbourne VIC 3001  
Telephone: (03) 9290 1444  
Facsimile: (03) 9290 1457  
www.aer.gov.au

27 August 2012

Mr Hugh Gleeson  
Chief Executive Officer  
United Energy Distribution Pty Ltd  
Level 3, 501 Blackburn Road  
Mount Waverley 3149

Dear Mr Gleeson,

### **Request for Fire Start Reports under clause 5 of the F-Factor Scheme Order 2011**

The AER has been given the power to request that Victorian DNSPs submit fire start reports under clause 5(1) of the *F-Factor Scheme Order 2011* (the Order). Such reports are also required to be published. A copy of clause 5 of the Order is attached to this letter.

Fire start reports that disclose information on fires associated with electricity assets will complement the operation of the f-Factor scheme which provides rewards and penalties to DNSPs to minimise the number of fire starts in their distribution areas. The AER considers that making fire start information available to the public is consistent with the intent of the f-Factor scheme.

In accordance with clauses 5(1) and (2) of the Order, the AER requests that each Victorian DNSP submit a fire start report to the AER by 31 March each year relating to the outcomes of the previous regulatory year. The first fire start report is due by 31 March 2013 for the 2012 regulatory year. Subsequent reports will be due by 31 March 2014 for the 2013 year, 31 March 2015 for the 2014 year and 31 March 2016 for the 2015 year. The AER must publish the reports in accordance with clause 5(5) of the Order.

On 3 May 2012, the AER wrote to key stakeholders—the Victorian Electricity Distribution Network Service Providers (DNSP), the Department of Primary Industries, Energy Safe Victoria, the Country Fire Authority, the Melbourne Fire Brigade and the Victorian Department of Sustainability and Environment—seeking comments on the proposed content of fire start reports.

After considering comments received from stakeholders, the AER has decided on the minimum content of the fire start reports to be submitted by the DNSPs. At this stage, it is not considered necessary to develop a guideline for this purpose, however, the AER will consider the need for a guideline at a later stage.

As a minimum, each DNSP's fire start report should contain the following information:

- An explanation of the definition of a fire start

- Summary (aggregate) tables showing the percentage and actual number of the fire starts in the following categories:
  - Fire Hazard Rating assigned by the Country Fire Authority or Melbourne Fire Brigade under section 80 of the *Electricity Safety Act 1998* (Vic);
  - element of the network that caused the fire, such as equipment type, feeder classification, voltage level

Note: A description/explanation of the equipment type, feeder classification etc should be also provided.

- a table of all fire starts—showing, in each case, 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 a relevant authority.

The AER's contacts for this matter are Mr David Chan and Mr Paul Michel. David Chan may be contacted by email to [david.chan@aer.gov.au](mailto:david.chan@aer.gov.au), or by telephone on (03) 9290 1446; Paul Michel may be contacted by email to [paul.michel@aer.gov.au](mailto:paul.michel@aer.gov.au), or by telephone on (03) 9290 6946.

Yours sincerely



Chris Pattas  
General Manager  
Network Operations and Development

cc. CFA, MFB, DSE, ESV, DPI

**Attachment: clause 5 of the Order**

*5. Fire start reports*

- (1) The AER may request from a Distribution Network Service Provider a report of fire starts for the previous regulatory year (a fire start report).*
- (2) The AER's request must be in writing and must specify when the fire start report is to be provided which shall be no later than 31 March in each year.*
- (3) A fire start report must –*
  - (a) be in the form that the AER from time to time specifies; (b) if the Distribution Network Service Provider is the service provider in relation to more than one distribution system, distinguish between distribution systems;*
  - (c) list all fire starts for the previous regulatory year, stating in each case and where known what kind of fire start it was and the date, time and location of the fire;*
  - (d) state whether the fire was reported to a relevant entity; and*
  - (e) include such other information as the AER may from time to time specify.*

*Note: Clause 4(1) specifies the various kinds of fire starts.*

- (4) The AER may develop and publish guidelines as to the form of and information to be included in a fire start report.*
- (5) The AER must publish a fire start report.*
- (6) This clause does not prevent or limit the AER serving a regulatory information notice or making a regulatory information order.*

## 9 Attachment B – F-FACTOR GUIDANCE

### For Information

**Subject:** Definition of a fire start under the f-factor scheme

**Explanatory note for the AER from the  
Victorian electricity distributors**

**Date:** 30<sup>th</sup> March 2012

#### Purpose of this memorandum

The AER has released its final decision on the f-factor scheme for Victorian electricity distributors. The f-factor scheme determinations cover the period from 2012 to 2015, and an f-factor target is applicable to each year of the four-year interval.

This memorandum represents the consensus view of the five Victorian electricity distributors on the manner of fire start reporting under the f-factor scheme. The conventions discussed in the document are consistent with those that were applied by the businesses when responses were being prepared to the f-factor Regulatory Information Notice. The businesses propose to follow the definitions that are set out in the following sections.

#### Definition of a fire

- **Normal arcing and sparking**
  - Arcing and sparking are commonly observed as a result of faults, or may be symptomatic of the normal functioning of the distribution network. Arcing or sparking does not give rise to flame, unless the heat ignites combustible material, in which case a fire should be reported.
- **Melting**
  - Most of the materials used in the construction of the electrical elements of the network do not sustain fire, but may melt if subjected to heat. The heat may result from high electrical load, or local overloading. Flames will not normally be evident unless other combustible material is ignited, in which case a fire should be reported.
- **Smoking**
  - Smoke may be emitted due to local heating caused by a range of factors, in circumstances in which the temperature is not raised sufficiently to produce flame. The existence of smoke without flame may result in singeing or charring, but the incident will not generally be classified as a 'fire'.
- **Local charring or blackening**
  - Local charring or blackening is frequently observed during routine maintenance. The charring may not be sufficiently widespread as to provide evidence of the past occurrence of heat, light and flames. Charring which is limited in scale will not generally be classified as a 'fire'.

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For Information

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## For Information

### Proposed treatment of fires by category

| Cause                                          | Description                                                                                                                                                                                                                                                                                                                                                                    | Proposed treatment                                                                                                                                                                                                                                                                                                                                                                             |
|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Trees and/or Bark contacting live wires</b> | Includes contact by: <ul style="list-style-type: none"> <li>Trees or parts of trees outside the clearance space, which have fallen onto wires.</li> <li>Trees which are managed by other responsible persons (such as councils) and that have grown into the clearance space.</li> <li>Windborne bark or parts of trees that have made contact with overhead lines.</li> </ul> | Singeing/burning at the point of contact is not regarded as being a fire.                                                                                                                                                                                                                                                                                                                      |
| <b>Clashing/Arcing/Sparking/Lightning</b>      | Arcing and sparking are commonly associated with faults, but are not generally the cause of the fault. Incidents of arcing and sparking can be reported as fires by members of the public, and will also occur during normal network functions such as fuse operations.<br><br>Conductor clashing and lightning are not regarded as being fires in their own right.            | These events will be categorised as fires if there is evidence of a fire in vegetation, or elsewhere, the cause of which can be directly ascribed to arcing, sparking, lightning and/or clashing. However, arcing and sparking will not normally give rise to a fire or fire start.                                                                                                            |
| <b>Possum/Bird/Animal/Crow/Magpie</b>          | Contact with high voltage devices by birds and animals typically results in a fire as the burning bird/animal falls to the ground. It is also possible that arcing or fuse operations resulting from the contact could cause a fire start.                                                                                                                                     | Incidents of this type will be enumerated as fires if there is evidence of a fire in vegetation or elsewhere that can be directly attributed to the burnt animal or bird. An animal that makes a connection with an HV device will not ordinarily cause a fire.                                                                                                                                |
| <b>High Voltage Fuses/Surge Diverters</b>      | HV fuse operations have been linked with fires historically, as have surge diverter failures.                                                                                                                                                                                                                                                                                  | A fire should be recorded if there is firm evidence of burning in a piece of apparatus, such as a high voltage expulsion drop-out fuse. The apparatus would need to have been destroyed by fire. More generally, however, HV fuse operations should be excluded from consideration unless there is evidence of a fire in vegetation or elsewhere that can be definitively traced to the fault. |
| <b>HV Conductor/Connectors/Joints</b>          | A conductor or a joint/connector failure may cause arcing at the point of failure, or at another point which makes contact with combustible material on the ground.                                                                                                                                                                                                            | A fire should be recorded if evidence of a flame can be found at ground level, but not otherwise.                                                                                                                                                                                                                                                                                              |
| <b>Burn/Burnt (mostly leads)</b>               | This kind of report originates from an asset failure that causes burning, typically of the insulation surrounding bridging and connecting leads.                                                                                                                                                                                                                               | Damage of this type should be exempted from consideration unless there is evidence of a fire that, either destroys part of the asset, or else occurs in                                                                                                                                                                                                                                        |

For Information

**For Information**

| Cause                         | Description                                                                                                                   | Proposed treatment                                                                                                                                                                                                                    |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                               | Note that the terms burnt, burnt out, and blown (up) are common industry jargon and do not represent a 'fire'.                | vegetation, or elsewhere, and can be directly attributed to the burnt material.                                                                                                                                                       |
| <b>Melting (Mainly Boxes)</b> | This type of report refers to melting of plastic parts, normally due to overheating of connections or internal contacts, etc. | Evidence of melting will not normally be written down as a fire, unless there are firm indications of fire in the surrounding vegetation or infrastructure, and the causes of fire can be directly attributed to the melted material. |

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**For Information**

## 10 Attachment C – F-Factor Events 2015

| Fire Start #  | Date       | Time  | Location                          | Feeder ID | Network categorisation | High Bushfire Risk Area | Fire Start by category                                                      | Fire Type                                                                      | Kind of Fire Start by F-Factor Order - Clause 4                                                        | Risk Factor 8                   |                              | Reporting            |                                          |                                           |                             |                                |                                                                                                                                                     |
|---------------|------------|-------|-----------------------------------|-----------|------------------------|-------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------|------------------------------|----------------------|------------------------------------------|-------------------------------------------|-----------------------------|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
|               |            |       |                                   |           |                        |                         |                                                                             |                                                                                |                                                                                                        | CFA fire danger rating TFB Y/N? | Fire Danger period declared? | Estimated area burnt | Description of types of property damaged | Reported to a relevant entity? Schedule 2 | Record Number (UE Event ID) | Additional evidence available? | Fault description                                                                                                                                   |
| Fire Start 1  | 01/01/2015 | 18:08 | Kalinda St, Carrum                | CRM22     | URBAN                  | LBRA                    | Asset failures resulting in grass/vegetation fire                           | Pole and cross arm fire (including 'smouldering' or 'smoke')                   | Otherwise started by a distribution system                                                             | No                              | Yes                          | 10                   | Grass/Veg etation                        | 4439                                      | 790127                      | 2221                           | Pole Fire, HV Red Phase conductor on strain pole#3302566 burnt through & resting on Xarm. This also cause a 10 sq. ground fire                      |
| Fire Start 2  | 02/01/2015 | 14:41 | Ferntree Gully Rd, Scoresby       | MGE21     | URBAN                  | LBRA                    | Asset failures resulting in asset fire (no grass/vegetation fire)           | Other Assets                                                                   | Otherwise started by a distribution system                                                             | Yes                             | Yes                          | 0                    | UE Asset Only                            | 4448                                      | 790245                      | 3806                           | On Switch Pole DN0690 a cable crutch failed and caught fire. ZNX group to attend Sunday to fix UG & then replace old switch with new gas switch     |
| Fire Start 3  | 02/01/2015 | 20:06 | Lawrence St, Doncaster East       | DC3       | URBAN                  | LBRA                    | Asset failures resulting in grass/vegetation fire                           | Other Assets                                                                   | Otherwise started by a distribution system                                                             | Yes                             | Yes                          | 10                   | Grass/Veg etation                        | 4447                                      | 790386                      | 2691                           | Repaired burnt out isolator lead lis # 7062832- due to overload - sparks from the burnt out lead fell onto council tree causing it to catch on fire |
| Fire Start 4  | 02/01/2015 | 20:50 | Royale Rd, Blairgowrie            | STO21     | URBAN                  | HBRA                    | Asset failures resulting in grass/vegetation fire                           | Other Assets                                                                   | Otherwise started by a distribution system                                                             | Yes                             | Yes                          | 5                    | Grass/Veg etation                        | 4441                                      | 790413                      | 2323                           | LV isolator burning out caused council trees to catch on fire. CFA attended and quickly put fire out                                                |
| Fire Start 5  | 03/01/2015 | 15:48 | Waverley Rd, Mt Waverley          | EB2       | URBAN                  | LBRA                    | Contact with assets (non-asset failures) resulting in Grass/vegetation fire | 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 | Yes                             | Yes                          | 5                    | Grass/Veg etation                        | 4450                                      | 790699                      | 2735                           | A tree branch brought down a public lighting service to pole # lis 0603217 which in turn started a small ground fire                                |
| Fire Start 6  | 03/01/2015 | 23:49 | Cranbourne Rd, Frankston          | LWN35     | URBAN                  | LBRA                    | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                   | Otherwise started by a distribution system                                                             | Yes                             | Yes                          | 0                    | UE Asset Only                            | 4450                                      | 790812                      | 504                            | LIS 3310412 - HV inter arm Xarm strap footpath side burnt through.                                                                                  |
| Fire Start 7  | 04/01/2015 | 22:22 | Olive Gr, Keysborough             | KBH35     | URBAN                  | LBRA                    | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                   | Otherwise started by a distribution system                                                             | No                              | Yes                          | 0                    | UE Asset Only                            | 4500                                      | 790850                      | 4001                           | As per cfa pole # fire on 2nd top xarm of pole. CFA put pole fire out. Not much damage to xarm. LIS # 0628770.                                      |
| Fire Start 8  | 04/01/2015 | 22:25 | Clayton Rd, Clayton South         | SS21      | URBAN                  | LBRA                    | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                   | Otherwise started by a distribution system                                                             | No                              | Yes                          | 0                    | UE Asset Only                            | 4440                                      | 790852                      | 2689                           | HV xarm needs to be replaced in Clayton rd. LIS # 0610982 due to xarm fire                                                                          |
| Fire Start 9  | 04/01/2015 | 22:42 | Glencairn cnr Carson St, Mulgrave | MGE24     | URBAN                  | LBRA                    | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                   | Otherwise started by a distribution system                                                             | No                              | Yes                          | 0                    | UE Asset Only                            | 4443                                      | 790856                      | 2688                           | HV X arm fire Glencairn Cnr Carson- LIS # 0624699.                                                                                                  |
| Fire Start 10 | 04/01/2015 | 23:13 | Belgrave cnr Begravia, Doncaster  | DC5       | URBAN                  | LBRA                    | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                   | Otherwise started by a distribution system                                                             | No                              | Yes                          | 0                    | UE Asset Only                            | 4454                                      | 790875                      | 1562                           | HV X arm fire at pole # 7031351 as per MFB                                                                                                          |
| Fire Start 11 | 04/01/2015 | 23:23 | Paramount Ave, Blackburn South    | BH22      | URBAN                  | LBRA                    | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                   | Otherwise started by a distribution system                                                             | No                              | Yes                          | 0                    | UE Asset Only                            | 4451                                      | 790871                      | 4451                           | Burnt and broken hv xarm pole lis # 7032403 in Paramount Ave Blackburn                                                                              |
| Fire Start 12 | 04/01/2015 | 23:33 | Irving Ave, Box Hill              | DC6       | URBAN                  | LBRA                    | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                   | Otherwise started by a distribution system                                                             | No                              | Yes                          | 0                    | UE Asset Only                            | 4452                                      | 790877                      | 3926                           | HV xarm fire on LV open point. LIS # 7032171 in Irving Ave Box Hill                                                                                 |

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|               |                  |                                |                  |       |      |                                                                                             |                                                                                   |                                                                                                        |    |     |    |                   |      |        |      |                                                                                                                                                                                                                              |
|---------------|------------------|--------------------------------|------------------|-------|------|---------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----|-----|----|-------------------|------|--------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fire Start 13 | 05/01/2015 11:45 | Canterbury Rd, Blackburn South | BH11             | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)                           | Pole and cross arm fire (including 'smouldering' or 'smoke')                      | Otherwise started by a distribution system                                                             | No | Yes | 0  | UE Asset Only     | 4449 | 791088 | 2690 | Burnt off HV arm LIS # 0639728 construction crew replaced burnt HV arm                                                                                                                                                       |
| Fire Start 14 | 07/01/2015 14:19 | Fiocchi Ave, Frankston         | FTN14            | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)                           | Other Assets                                                                      | Otherwise started by a distribution system                                                             | No | Yes | 5  | Grass/Veg etation | 4463 | 791434 | 543  | Blue phase surge diverter blown failed starting a small grass fire 5m2, extinguished by locals residents.                                                                                                                    |
| Fire Start 15 | 07/01/2015 17:47 | Blackburn Rd, Blackburn        | NW21             | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)                           | Pole and cross arm fire (including 'smouldering' or 'smoke')                      | Otherwise started by a distribution system                                                             | No | Yes | 0  | UE Asset Only     | 4497 | 791791 | 3925 | HV inter xarm fire, Lis #7032427                                                                                                                                                                                             |
| Fire Start 16 | 09/01/2015 18:19 | Fifth Ave, Chelsea             | CRM35            | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)                           | Pole and cross arm fire (including 'smouldering' or 'smoke')                      | Otherwise started by a distribution system                                                             | No | Yes | 0  | UE Asset Only     | 4465 | 792634 | 603  | X-Arm fire 1 pole south of Eight st in Fifth st lis 8817347.                                                                                                                                                                 |
| Fire Start 17 | 09/01/2015 13:21 | Lucas St, Brighton East        | NB12             | URBAN | LBRA | Contact with assets (non-asset failures) resulting in asset fire (no grass/vegetation fire) | 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 | Yes | 5  | Grass/Veg etation | 4470 | 792729 | 2692 | 3 core service brought down by Council tree resulting in 5 sq. grass fire                                                                                                                                                    |
| Fire Start 18 | 10/01/2015 19:31 | Rebecca St, Doveton            | DN10             | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)                           | Other Assets                                                                      | Otherwise started by a distribution system                                                             | No | Yes | 0  | UE Asset Only     | 4467 | 792946 | 704  | MFB reported fire in meter box when UE attend linesman found hot spot at back of 503 AMI meter which was burnt/damaged. Although not conclusive, on the basis of evidence by MFB this is to be included as an F-Factor event |
| Fire Start 19 | 12/01/2015 19:51 | Wellington Rd, Tyabb           | HGS22            | RURAL | HBRA | Contact with assets (non-asset failures) resulting in asset fire (no grass/vegetation fire) | 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 | Yes | 2  | Grass/Veg etation | 4471 | 793265 | 1630 | Private tree being cut for a customer brought down HV in Wellington rd                                                                                                                                                       |
| Fire Start 20 | 13/01/2015 18:22 | Sandfield Pl, Dingley Village  | NP12             | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)                           | HV Fuse                                                                           | Otherwise started by a distribution system                                                             | No | Yes | 2  | Grass/Veg etation | 4472 | 793472 | 705  | A 16A PF fuse candled and ignited a small patch of grass underneath                                                                                                                                                          |
| Fire Start 21 | 16/01/2015 20:45 | Eileen Rd, Clayton South       | SS12             | URBAN | LBRA | Contact with assets (non-asset failures) resulting in asset fire (no grass/vegetation fire) | 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 | Yes | 20 | Grass/Veg etation | 4474 | 794008 | 3741 | A bird on Anodisers? Eileen S/Stn (LIS: 0609426) got between the white phase cond & steel x-arm stating a 20 sq. grass fire, which was quickly extinguished by the MFB.                                                      |
| Fire Start 22 | 17/01/2015 13:55 | Bendigo St, Hampton            | SR23             | RURAL | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)                           | Other Assets                                                                      | Otherwise started by a distribution system                                                             | No | Yes | 10 | Grass/Veg etation | 4475 | 794065 | 3742 | A n/screen service blown at wrap on at poa - although not conclusive it seems this failure may have caused the light scrub underneath to ignite thus damaging the front of the premises and furthermore an F-Factor event.   |
| Fire Start 23 | 22/01/2015 25:28 | Latrobe Pde, Dromana           | DMA14            | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)                           | Pole and cross arm fire (including 'smouldering' or 'smoke')                      | Otherwise started by a distribution system                                                             | No | Yes | 0  | UE Asset Only     | 4484 | 794777 | 2321 | A pole fire occurred on LIS#1310088 in Latrobe Pde                                                                                                                                                                           |
| Fire Start 24 | 22/01/2015 23:14 | Esplanade, Mount Martha        | MTN31            | RURAL | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)                           | Other Assets                                                                      | Otherwise started by a distribution system                                                             | No | Yes | 0  | UE Asset Only     | 4486 | 794953 | 2322 | Replaced melted 3 phase fmb at pole lis # 1101963 feeding houses # 591 & 592 Esplanade Mount Martha. The report indicated the fuse box was on fire                                                                           |
| Fire Start 25 | 01/02/2015 7:38  | Websters Rd, Templestowe       | TSTS-DC No1 66kV | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)                           | Pole and cross arm fire (including 'smouldering' or 'smoke')                      | Otherwise started by a distribution system                                                             | No | Yes | 0  | UE Asset Only     | 4494 | 796277 | 2694 | Construction crew to replace pole # 8800051 that is in Webster St Templestowe Pole 17mtr 66kv double cct strain pole.                                                                                                        |
| Fire Start 26 | 01/02/2015 13:04 | Ebb St, Aspendale              | MC2              | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)                           | Pole and cross arm fire (including 'smouldering' or 'smoke')                      | Otherwise started by a distribution system                                                             | No | Yes | 0  | UE Asset Only     | 4495 | 796302 | 5741 | HV arm blout and damaged pole in Anchor st Aspendale. Pole LIS # 3303421. HV LV inter pole.                                                                                                                                  |
| Fire Start 27 | 04/02/2015 20:19 | Olive Rd, Doveton              | DN22             | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)                           | Pole and cross arm fire (including 'smouldering' or 'smoke')                      | Otherwise started by a distribution system                                                             | No | Yes | 0  | UE Asset Only     | 4499 | 796776 | 505  | LIS 0616146. HV tee off xarm caught fire and needs replacing tonight. Pole fire report num is 00505.                                                                                                                         |

# Fire Start Report (F - Factor) 2015



|               |                  |                                      |       |       |      |                                                                             |                                                                                              |                                                                                                                                |     |    |                   |      |        |      |                                                                                                                                                                                                                                  |
|---------------|------------------|--------------------------------------|-------|-------|------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----|----|-------------------|------|--------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fire Start 28 | 08/02/2015 16:18 | Queens Ave, Springvale               | SS22  | URBAN | LBRA | Contact with assets (non-asset failures) resulting in Grass/vegetation fire | Fire starts in grass/vegetation resulting from other causes (vehicle strikes, vandalism etc) | Number of fire starts in grass/vegetation resulting from third party (eg. vehicle) into pole, vehicle contact conductor, etc.) | Yes | 10 | Grass/Veg station | 4502 | 797222 | 2700 | Balloon into the hv - swv33 caused feeder to reclose - caused a grass fire approx 10 sq. meters - outside DN0450 - patch fires outside switch patch of approx 10sqm inside train yard of Springvale station fire report no 01582 |
| Fire Start 29 | 13/02/2015 12:56 | Shafer Rd, Blackburn                 | DC8   | URBAN | LBRA | Contact with assets (non-asset failures) resulting in Grass/vegetation fire | 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  | 4  | Grass/Veg station | 4504 | 798118 | 3104 | Wires down Middleborough Rd cnr Chapman St. tree on O/Head in Chapman east of Chapman-Milboro s/s. Private tree from 1 Nestor St at pole Lis#7030366. Fault caused HV conductors to come down from anchor pole Lis#7037468.      |
| Fire Start 30 | 13/02/2015 16:35 | Haydens Rd, Beaumaris                | BR4   | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Any fire triggered by any asset failure caused by Lightning                                  | Started by lightning striking a distribution system or a part of a distribution system                                         | No  | 0  | UE Asset Only     | 4505 | 798164 | 5622 | Pole fire Haydens Rd. sth of CH1156, and Switch CH8210 MGS is badly damaged, hit by lightning, #LIS 1811424. At pole LIS#1811431, crew replaced HV int x-arm (refer to #798208) an                                               |
| Fire Start 31 | 13/02/2015 19:51 | Centre Dandenong Rd, Dingley Village | SS23  | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                                 | Otherwise started by a distribution system                                                                                     | No  | 0  | UE Asset Only     | 4510 | 798299 | 2697 | Emergency switching to repair pole fire downstream in centre Dand rd. LIS#10384. Pole requires replacement. Centre phase grey discs failed causing pole fire. C                                                                  |
| Fire Start 32 | 13/02/2015 22:31 | McNaughton Rd, Clayton               | SV34  | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Other Assets                                                                                 | Started by any person, bird, reptile or other animal coming into contact with a distribution system                            | No  | 0  | UE Asset Only     | 4583 | 798372 | 2723 | MFB called back to report transformer sparking and on fire. Crew states it was part of SV 34 fault ..... dropper failure at SV34 CHP exit due to a possum                                                                        |
| Fire Start 33 | 15/02/2015 13:39 | Purves Rd, Main Ridge                | RBD12 | RURAL | HBRA | Asset failures resulting in grass/vegetation fire                           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                     | No  | 5  | Grass/Veg station | 4524 | 798581 | 2083 | HV ABC down between LIS 1308601 and 1308602. 2 phases and catenary down. No cause found at this stage. . Fire Report # 02083.                                                                                                    |
| Fire Start 34 | 15/02/2015 19:07 | Fallon St, Caulfield                 | CFD13 | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                     | No  | 0  | UE Asset Only     | 4515 | 798604 | 2698 | Replaced 3 ph fuse main box at pole which had caught fire, repaired 2 x UG mains cable, replaced fuses.                                                                                                                          |
| Fire Start 35 | 20/02/2015 14:31 | Steane Ave, Dromana                  | DMA13 | RURAL | HBRA | Asset failures resulting in grass/vegetation fire                           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                     | No  | 2  | Grass/Veg station | 4536 | 799437 | 1782 | At pole lis# 1300943 (fire report # 01782) la LV ABC to LV ABC IPC connector failed igniting a small grass fire                                                                                                                  |
| Fire Start 36 | 21/02/2015 11:14 | Seaford Rd, Seaford                  | FTN24 | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                     | No  | 0  | UE Asset Only     | 4537 | 799538 | 2222 | Burnt / melted krone box on pole lis # 8818666 . cfa were on site extinguished fire- Crew replaced krone switch and system back to normal Fire report # 02222                                                                    |
| Fire Start 37 | 21/02/2015 15:23 | Terracotta Drive, Blackburn          | NW32  | URBAN | LBRA | Asset failures resulting in grass/vegetation fire                           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                     | No  | 5  | Grass/Veg station | 4521 | 799557 | 2699 | An U/G pillar caught fire and burnt a 5 sq. area around itself as a result of a poor internal connection                                                                                                                         |
| Fire Start 38 | 23/02/2015 13:36 | Stumpy gully Rd, Moorooduc           | MTN22 | RURAL | HBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                     | No  | 0  | UE Asset Only     | 4526 | 799780 | 2143 | A street light caught fire - isolated in pole box, removed head from bracket - 150 watt Sodium light - refer to Ace - fire report # 02143 - cause unknown - LIS 9864702                                                          |
| Fire Start 39 | 01/03/2015 55:52 | Oakleigh Rd, Carnegie                | CFD15 | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                                 | Otherwise started by a distribution system                                                                                     | No  | 0  | UE Asset Only     | 4539 | 801055 | 3809 | Crew rang to report pole fire cnr Oakleigh & Grange LIS#2327397. MFB onsite unable to extinguish fire. Centre phase HV conductor has come off of the insulator and is sitting on the pole cap.                                   |
| Fire Start 40 | 06/03/2015 7:39  | Tanti Ave, Mornington                | MTN21 | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                                 | Otherwise started by a distribution system                                                                                     | No  | 0  | UE Asset Only     | 4544 | 802500 | 2382 | X-Arm broken at Tanti P63 Vale LIS 1100615 due to pole fire                                                                                                                                                                      |
| Fire Start    | 06/03/2015 9:44  | Golden Ave, Bonbeach                 | CRM14 | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                                 | Otherwise started by a distribution system                                                                                     | No  | 0  | UE Asset Only     | 4545 | 802531 | 4443 | Repl HV pole, LIS 3306141, due to pole fire.                                                                                                                                                                                     |

# Fire Start Report (F - Factor) 2015

| 41 | Fire Start | 06/03/2015 | 13:58 | Nepean Hwy, Mornington                 | MTN23 | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                   | Otherwise started by a distribution system                                                             | No | Yes | 0   | UE Asset Only     | 4546 | 802597 | 2341 | Trevor Fisher reported HV X-arm fire Neph Hwy Mtn at LIS#1100317. X-arm burnt through and HV conductor resting on LV xarm between W & B ph LV.                                      |
|----|------------|------------|-------|----------------------------------------|-------|-------|------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----|-----|-----|-------------------|------|--------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 42 | Fire Start | 06/03/2015 | 14:18 | Nepean Hwy, Frankston                  | FTN14 | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                   | Otherwise started by a distribution system                                                             | No | Yes | 0   | UE Asset Only     | 4542 | 802604 | 5801 | Pole fire at FS7583 lis 3318002. Pole needs to be replaced.                                                                                                                         |
| 43 | Fire Start | 14/03/2015 | 23:31 | Bay Rd, Cheltenham                     | CM22  | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                   | Otherwise started by a distribution system                                                             | No | Yes | 0   | UE Asset Only     | 4553 | 803619 | 2569 | HV inter x-arm needs replacing due to fire- lis: 1823019                                                                                                                            |
| 44 | Fire Start | 14/03/2015 | 23:49 | Spray Ave, Mordialloc                  | MC3   | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Other Assets                                                                   | Started by any person, bird, reptile or other animal coming into contact with a distribution system    | No | Yes | 0   | UE Asset Only     | 4554 | 803620 | 5623 | A possum caught between the active and neutral conductors caused the LV intermediate Xarm (LIS 8816792) to catch fire                                                               |
| 45 | Fire Start | 15/03/2015 | 1:45  | Chesterville Rd, Moorabbin             | HT8   | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                   | Otherwise started by a distribution system                                                             | No | Yes | 0   | UE Asset Only     | 4555 | 803624 | 2568 | MFB reported X-arm fire on CHESTERVILLE-SOUTH 2, lis: 1820199 - hv term arm.                                                                                                        |
| 46 | Fire Start | 18/03/2015 | 1:49  | Beach St cnr and Nepean Hwy, Frankston | FTN14 | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                   | Otherwise started by a distribution system                                                             | No | No  | 0   | UE Asset Only     | 4557 | 804061 | 2383 | Crew found broken/burnt HV int buck xarm cnr Beach and Nepean Hwy LIS#3309097                                                                                                       |
| 47 | Fire Start | 19/03/2015 | 16:07 | Blackburn Rd, Templestowe              | DC1   | URBAN | LBRA | Contact with assets (non-asset failures) resulting in Grass/vegetation fire | 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 | No  | 1   | Grass/Veg etation | 4560 | 804517 | 3808 | Tree branch had caught fire - lis# 7065066 crew cut tree clear - UE assets unaffected                                                                                               |
| 48 | Fire Start | 20/03/2015 | 22:37 | Nepean Hwy, Aspendale                  | MC1   | URBAN | LBRA | Asset failures resulting in grass/vegetation fire                           | Other Assets                                                                   | Otherwise started by a distribution system                                                             | No | No  | 150 | Grass/Veg etation | 4559 | 804735 | 4023 | Found HV on deck in Nepean Hwy Between Nepean-Station S/S and 1 pole south of Nepean-Station S/S LIS#3302246-3302247. HV cond failed at impact bail at S/Stn pole on roadside phase |
| 49 | Fire Start | 24/03/2015 | 19:04 | 40 Vernal Ave, Mitcham                 | RWT24 | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                   | Otherwise started by a distribution system                                                             | No | No  | 0   | UE Asset Only     | 4561 | 805203 | 3807 | At LIS 7002913 in Vernal Ave, X-arm fire. Feeder dumped before HV dropped into LV.                                                                                                  |
| 50 | Fire Start | 27/03/2015 | 2:58  | William St, Frankston                  | FSH31 | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                   | Otherwise started by a distribution system                                                             | No | No  | 0   | UE Asset Only     | 4566 | 805553 | 2381 | HV term X/Arm failed at Williams-Cliff S/Stn, x/arm caught on fire and CFA dispatched...lis#3320614.                                                                                |
| 51 | Fire Start | 07/04/2015 | 15:23 | Abbots Rd, Dandenong Sth               | DVY33 | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                   | Otherwise started by a distribution system                                                             | No | No  | 0   | UE Asset Only     | 4577 | 806915 | 706  | During light drizzly rain a pole fire occurred on a HV Strain arm on "Napoli Pasta-Abbotts" ground type sub pole. LIS # 0601113                                                     |
| 52 | Fire Start | 24/04/2015 | 14:58 | Pier St, Rye                           | STO14 | URBAN | LBRA | Contact with assets (non-asset failures) resulting in Grass/vegetation fire | 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 | No  | 1   | Grass/Veg etation | 4582 | 809285 | 2361 | Replaced a single phase service after cut tree rubbed through/caused service to catch on fire, tree trimmed clear of service, fire ignition report #02361, lis 1305192              |
| 53 | Fire Start | 05/05/2015 | 11:18 | Kinanae cnr Tennyson, Brighton         | NB24  | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                   | Otherwise started by a distribution system                                                             | No | No  | 0   | UE Asset Only     | 4591 | 810880 | 2724 | Xarm fire HV Tee Off LIS#1806054, Kinanae st, Cnr Tennyson, Old brown Porcelain insulators                                                                                          |
| 54 | Fire Start | 09/05/2015 | 21:38 | Nepean Hwy, Frankston                  | FTN14 | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                   | Otherwise started by a distribution system                                                             | No | No  | 0   | UE Asset Only     | 4595 | 811596 | 2084 | Pole Fire Nepean Hwy Tee to FS0685 NEPEAN HIGHWAY (LIS # 3309077)                                                                                                                   |
| 55 | Fire Start | 16/05/2015 | 20:55 | Reserve Rd, Seaford                    | CRM33 | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Other Assets                                                                   | Otherwise started by a distribution system                                                             | No | No  | 0   | UE Asset Only     | 4601 | 812660 | 5221 | In Reserve Rd Seaford @ lis 3318176 - 3 phase pole fuse box on pole caught fire Incident Report # 05221 -                                                                           |

# Fire Start Report (F - Factor) 2015



|               |                  |                                   |       |       |      |                                                                             |                                                                                              |                                                                                                                               |     |    |                   |      |        |      |                                                                                                                                                                                                                                      |
|---------------|------------------|-----------------------------------|-------|-------|------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----|----|-------------------|------|--------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fire Start 57 | 17/05/2015 13:49 | Bruce Rd, Mt Martha               | DMA15 | URBAN | LBRA | Contact with assets (non-asset failures) resulting in Grass/vegetation fire | Fire starts in grass/vegetation resulting from other causes (vehicle strikes, vandalism etc) | Number of fire starts in grass/vegetation resulting from third party (eg. vehicle into pole, vehicle contact conductor, etc.) | No  | 1  | Grass/Veg etation | 4603 | 812690 | 2223 | Vehicle towing boat, mast made contact with single phase 22kv conductors from Tee pole to MT0092 - lis 1103447. Both HV conductors fell to ground (de-energised) and molten metal fell to the ground and started a small grass fire. |
| Fire Start 58 | 17/05/2015 18:20 | Dunns Creek Rd, Dromana           | DMA15 | RURAL | HBRA | Contact with assets (non-asset failures) resulting in Grass/vegetation fire | Fire starts in grass/vegetation resulting from other causes (vehicle strikes, vandalism etc) | Number of fire starts in grass/vegetation resulting from third party (eg. vehicle into pole, vehicle contact conductor, etc.) | No  | 1  | Grass/Veg etation | 4602 | 812702 | 6501 | Related to Event 812690, A Yacht mast contacted the 22kv at Pole LIS # 1307590 This caused the pg clamp on hv t off burning thru the thru line holding by about 1 strand construction crew starting small grass fire.                |
| Fire Start 59 | 22/05/2015 18:06 | Wellington Rd, Mulgrave           | MGE14 | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Oil-filled plant fire                                                                        | Otherwise started by a distribution system                                                                                    | No  | 0  | UE Asset Only     | 4617 | 813442 | 3026 | At Springvale P41 Glenvale S/Sin (Lis#0620469) the transformer has been leaking oil and hv bushing appear to have caught on fire/scorched.                                                                                           |
| Fire Start 60 | 29/05/2015 18:14 | Deep Creek Rd, Mitcham            | RWT23 | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                    | No  | 0  | UE Asset Only     | 4611 | 814419 | 2804 | In Deep Creek Rd cnr Maroondah Hwy on the medium strip a 250 HP sodium head caught fire due to mechanical failure - LIS 9575973                                                                                                      |
| Fire Start 61 | 28/06/2015 16:16 | Centreway, Mordialloc             | MC1   | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                    | No  | 0  | UE Asset Only     | 4628 | 818140 | 4024 | UE Fire Report #04024, 400amp krone box caught fire due to corrosion/salt air. LIS 1807344.                                                                                                                                          |
| Fire Start 62 | 02/07/2015 18:34 | Goolgowie Ave, Rosebud            | RBD12 | URBAN | LBRA | Asset failures resulting in grass/vegetation fire                           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                    | No  | 2  | Grass/Veg etation | 4633 | 818667 | 2224 | Corner Wakool Ave a 3phs krone box normal open point caught fire igniting a small 2sqm ground fire- pole is located out front of #33 Goolgowie St - LIS 1311476 fire report # 02224                                                  |
| Fire Start 63 | 23/07/2015 17:35 | Grange Rd, Frankston Sth          | FSH13 | URBAN | LBRA | Asset failures resulting in grass/vegetation fire                           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                    | No  | 1  | Grass/Veg etation | 4656 | 821843 | 2362 | HV Powder Filled fuse had not fully latched resulting in it coming open and the arc creating molten metal to fall to the ground igniting a small grass fire                                                                          |
| Fire Start 64 | 20/09/2015 20:30 | Through Rd, Camberwell            | EB-RD | URBAN | LBRA | Asset failures resulting in grass/vegetation fire                           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                    | No  | 2  | Grass/Veg etation | 4690 | 832173 | 3223 | Small grass fire at base of guy at LIS 9408274 believed to be caused by a possum causing a flashover on EB-RD 66 line, located in parkland adjacent Through Rd, Camberwell, UE 66 line, b/side Citipower ZSS.                        |
| Fire Start 65 | 26/09/2015 20:04 | Carrara St, Caulfield Sth         | CFD23 | URBAN | LBRA | Asset failures resulting in grass/vegetation fire                           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                    | No  | 2  | Grass/Veg etation | 4695 | 833122 | 2727 | A LV Krone box caught fire and caused a small grass fire underneath - Lis 2302248                                                                                                                                                    |
| Fire Start 66 | 06/10/2015 16:02 | Sheehans Rd, Red Hill             | DMA13 | RURAL | HBRA | Asset failures resulting in grass/vegetation fire                           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                    | Yes | No | Grass/Veg etation | 4698 | 832173 | 4445 | HV ABC failed at LIS#1307733 Mid-Span causing a grass/scrub fire underneath the assets - Replaced 4 spans of HV ABC                                                                                                                  |
| Fire Start 67 | 06/10/2015 12:09 | Church Rd, Doncaster              | DC1   | URBAN | LBRA | Asset failures resulting in grass/vegetation fire                           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                    | Yes | No | Grass/Veg etation | 4699 | 834351 | 3004 | HV ABC faulted mid-span at DC1 C/HIP (7061457) and started large grass fire in reserve at start of Church Rd ABC replaced was replaced overnight.                                                                                    |
| Fire Start 68 | 06/10/2015 13:50 | Blackburn Rd, Doncaster           | NW3   | URBAN | LBRA | Contact with assets (non-asset failures) resulting in Grass/vegetation fire | 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                        | Yes | No | Grass/Veg etation | 4700 | 834436 | 3929 | Council tree hit 66kv and broke 1 x conductor at LIS#7065064. Large grass fire developed causing some damage to 2 properties.                                                                                                        |
| Fire Start 69 | 06/10/2015 23:34 | Dandenong Hastings Rd, Hastings   | HGS22 | RURAL | HBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                    | Yes | No | UE Asset Only     | 4702 | 834611 | 2225 | Fire Ignition Report #: 02225 - At s/s TVABB TDN DENHAM the HV ABC dropper leads failed at the clamps                                                                                                                                |
| Fire Start 70 | 11/10/2015 19:26 | Dandenong Hastings Rd, Somerville | HGS33 | RURAL | HBRA | Contact with assets (non-asset failures) resulting in Grass/vegetation fire | 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  | 1  | Grass/Veg etation | 4709 | 835373 | 2363 | Pole LIS #1105192 has a small scorch mark on concrete pole, - as per customer report appears a tree branch from a private tree may have dropped a small branch on onto the 22kv HV conductors - no fire when fault crews             |

|               |            |       |                                  |              |       |      |                                                                             |                                                                                              |                                                                                                                               |     |    |     |                   |      |        |      |                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------|------------|-------|----------------------------------|--------------|-------|------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-----|----|-----|-------------------|------|--------|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fire Start 71 | 26/10/2015 | 8:30  | 46 Acheron Ave Mt Eliza          | MTN22        | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                                 | Otherwise started by a distribution system                                                                                    | No  | No | 0   | UE Asset Only     | 4734 | 837661 | 2364 | HV Xarm smouldering, strain arm lls# 3314426.                                                                                                                                                                                                                                                                                                                                                |
| Fire Start 72 | 26/10/2015 | 21:14 | Nelberrn cnr Bignelli, Moorabbin | HT8          | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                                 | Otherwise started by a distribution system                                                                                    | No  | No | 0   | UE Asset Only     | 4717 | 837787 | 1301 | Lis: 1816591 - Pole Fire at HV inter LV strain pole in NELLBURN RD iPE of BIGNELL RD.                                                                                                                                                                                                                                                                                                        |
| Fire Start 73 | 26/10/2015 | 21:53 | Howard Rd Dingley Village        | SS23         | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                                 | Otherwise started by a distribution system                                                                                    | No  | No | 0   | UE Asset Only     | 4719 | 877810 | 2729 | 66kv pole safe for tonight - crew to check pole first job am Tues 27/10 to assess if pole replacement is required or if only centre ph eye bolt needs to be replaced or re-positioned - lls: 23137 - pole is located on cnr of Glenway dr. and Howard rd. - DAO Peter Mc advised - refer to tfo: 837810 - per email from martin c on 5/11/15 pole programmed for replacement on sat 7/11/15. |
| Fire Start 74 | 27/10/2015 | 15:10 | 2 Bishop St, Box Hill            | DC8, NW31    | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                                 | Otherwise started by a distribution system                                                                                    | No  | No | 0   | UE Asset Only     | 4720 | 837812 | 2728 | HV t-off x-arm fire - lls # 7032424 requires to be replaced -                                                                                                                                                                                                                                                                                                                                |
| Fire Start 75 | 27/10/2015 | 13:20 | Red Hill Shoreham Rd, Red Hill   | DMA13, RBD21 | RURAL | HBRA | Asset failures resulting in grass/vegetation fire                           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                    | No  | No | 1   | Grass/Veg etation | 4745 | 837871 | 3222 | HV ABC failed at LIS#1307733 Mid-Span causing a grass/scrub fire underneath the assets - Replaced 4 spans of HV ABC                                                                                                                                                                                                                                                                          |
| Fire Start 76 | 09/11/2015 | 16:04 | Main Creek Rd, Red Hill          | DMA13, RBD21 | RURAL | HBRA | Asset failures resulting in grass/vegetation fire                           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                    | No  | No | 200 | Grass/Veg etation | 4728 | 840026 | 4446 | Fire Ignition Report #: 04446 - cnr red hill rd. and whites rd. - Section of ABC failed between LIS 1309133 and 1309132                                                                                                                                                                                                                                                                      |
| Fire Start 77 | 16/11/2015 | 11:58 | South Rd, Brighton East          | MR13         | URBAN | LBRA | Contact with assets (non-asset failures) resulting in Grass/vegetation fire | Fire starts in grass/vegetation resulting from other causes (vehicle strikes, vandalism etc) | Number of fire starts in grass/vegetation resulting from third party (eg. vehicle into pole, vehicle contact conductor, etc.) | No  | No | 1   | Grass/Veg etation | 4772 | 841061 | 3225 | A vehicle struck a pole at 156 South Rd causing a HV tie to break on pole 1808380 outside #170 South Rd causing the HV Red phase conductor to fall into the LKV below causing molten metal to drop to the ground igniting a small grass fire                                                                                                                                                 |
| Fire Start 78 | 17/11/2015 | 21:16 | Main Creek Rd, Red Hill          | DMA13, RBD21 | RURAL | HBRA | Contact with assets (non-asset failures) resulting in Grass/vegetation fire | 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  | No | 5   | Grass/Veg etation | 4733 | 841390 | 1631 | Possum @ ABC Raychem connection LIS9829162 outside 346 Main Creek Rd, 7 poles south of RB372, small fire started #01631                                                                                                                                                                                                                                                                      |
| Fire Start 79 | 25/11/2015 | 22:11 | McLachlan St, Templestowe        | BU14         | URBAN | LBRA | Contact with assets (non-asset failures) resulting in Grass/vegetation fire | 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                        | Yes | No | 30  | Grass/Veg etation | 4744 | 843004 | 3084 | A branch from a council tree failed outside #54 McLachlan St Templestowe sending the HV into the LV and dropping molten metal which ignited a 30sqm grass fire that was quickly extinguished                                                                                                                                                                                                 |
| Fire Start 80 | 26/11/2015 | 15:43 | Sunrise Dr, Mulgrave             | MGE24, SVW53 | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                                 | Otherwise started by a distribution system                                                                                    | No  | No | 0   | UE Asset Only     | 4751 | 843110 | 3931 | Broken HV X-arm as a result of a pole fire at LIS#0625027 in Sunrise Dve 1P West of Switch Pole DND0463                                                                                                                                                                                                                                                                                      |
| Fire Start 81 | 27/11/2015 | 17:14 | Doncaster Rd, Doncaster East     | RWT28        | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                                 | Otherwise started by a distribution system                                                                                    | No  | No | 0   | UE Asset Only     | 4754 | 843503 | 3932 | Lis: 7062981 - Pole Fire at HV inter 917 Doncaster Rd                                                                                                                                                                                                                                                                                                                                        |
| Fire Start 82 | 30/11/2015 | 19:30 | Orrong Rd, Balaclava             | BC23         | URBAN | LBRA | Contact with assets (non-asset failures) resulting in Grass/vegetation fire | 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  | No | 1   | Grass/Veg etation | 4762 | 843895 | 3224 | The First Call Comments advised that a customer reported tree branches across power line on fire in opposite 215 Orrong rd. balaclava (TF Comment - See Photos 843895 and 843895A - Branch burnt completely along stem - evidence of fire in the canopy - This is to be                                                                                                                      |

# Fire Start Report (F - Factor) 2015



|               |                  |                                         |              |       |      |                                                                             |                                                                                              |                                                                                                                                |     |     |     |                   |      |        |      |                                                                                                                                                                                 |
|---------------|------------------|-----------------------------------------|--------------|-------|------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----|-----|-----|-------------------|------|--------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fire Start 83 | 30/11/2015 20:26 | Hampshire Rd, Doncaster                 | DC3, DC2     | URBAN | LBRA | Contact with assets (non-asset failures) resulting in Grass/vegetation fire | 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  | No  | 160 | Grass/Veg etation | 4750 | 843946 | 3168 | recorded as an F-Factor Event - LIS 2306479)                                                                                                                                    |
| Fire Start 84 | 02/12/2015 21:39 | Pt Nepean Rd, Rosebud                   | RBD22        | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                     | No  | Yes | 0   | UE Asset Only     | 4756 | 844529 | 2062 | LIS - 1308952 Street light isolated at overhead, ref to ACE to replace, Fire report to come. - Fire incident #02062                                                             |
| Fire Start 85 | 12/12/2015 21:50 | Canterbury Rd Forest Hill               | NW1          | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                     | No  | Yes | 0   | UE Asset Only     | 4764 | 846032 | 3941 | LIS - 0639613 isolated street light tb#846034 raised & ref'd to ACE for repairs                                                                                                 |
| Fire Start 86 | 18/12/2015 14:28 | Jonquil Ct Doncaster East               | DC10, NW13   | URBAN | LBRA | Contact with assets (non-asset failures) resulting in Grass/vegetation fire | Fire starts in grass/vegetation resulting from other causes (vehicle strikes, vandalism etc) | Number of fire starts in grass/vegetation resulting from third party (eg. vehicle) into pole, vehicle contact conductor, etc.) | Yes | Yes | 20  | Grass/Veg etation | 4768 | 847160 | 3981 | A car hit UG pillar, UG crew required to attend to repair/replace, LIS 7064671, Also a grass fire 20 mtrs squared put out.                                                      |
| Fire Start 87 | 18/12/2015 16:05 | Pushkin Ct Doncaster East               | DC2          | URBAN | LBRA | Contact with assets (non-asset failures) resulting in Grass/vegetation fire | Fire starts in grass/vegetation resulting from other causes (vehicle strikes, vandalism etc) | Number of fire starts in grass/vegetation resulting from third party (eg. vehicle) into pole, vehicle contact conductor, etc.) | Yes | Yes | 5   | Grass/Veg etation | 4770 | 847159 | 2733 | Crew found a blown up Doncaster pillar and u/g crew req. Small fire started and was extinguished. The crew believe the cause of the failure was a Vehicle contacting the pillar |
| Fire Start 88 | 20/12/2015 19:17 | Lonsdale St Dandenong                   | LD7          | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                                 | Otherwise started by a distribution system                                                                                     | Yes | Yes | 0   | UE Asset Only     | 4778 | 847497 | 4447 | SA hv inter x-arm caught fire and is to be replaced LIS -06 01419                                                                                                               |
| Fire Start 89 | 20/12/2015 18:02 | Blackburn Rd South                      | EB33         | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                                 | Otherwise started by a distribution system                                                                                     | Yes | Yes | 0   | UE Asset Only     | 4771 | 847573 | 3933 | Xarm fire in Blackburn rd. south of BH0242. Lis 7027797 pm 19000051258.                                                                                                         |
| Fire Start 90 | 21/12/2015 1:06  | Clayton Rd cnr Leslie Rd, Clayton Sth   | SS21, SS12   | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                                 | Otherwise started by a distribution system                                                                                     | No  | Yes | 0   | UE Asset Only     | 4779 | 847621 | 2730 | Top of Pole badly burnt and is being replaced, LIS#8829691                                                                                                                      |
| Fire Start 91 | 22/12/2015 3:56  | Min Flinders Rd, Red Hill               | DMA23        | URBAN | HBRA | Contact with assets (non-asset failures) resulting in Grass/vegetation fire | 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  | Yes | 5   | Grass/Veg etation | 4773 | 847833 | 2106 | A small grass fire in Min Flinders Rd Fire caused by possum getting across bus bars on HV ABC strain pole Lis#1313823.                                                          |
| Fire Start 92 | 24/12/2015 18:05 | Joffre Ave, Edithvale                   | CRM22, FTN21 | URBAN | LBRA | Asset failures resulting in grass/vegetation fire                           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                     | No  | Yes | 1   | Grass/Veg etation | 4782 | 848229 | 2085 | A blue phase isolator burnt out, repaired isolator and replaced LV dropper - ampact failed - small grass fire (less than 0.5m in diameter) at base of pole - LIS #13303761      |
| Fire Start 93 | 25/12/2015 12:04 | Springvale Rd Cnr Governor, Keysborough | NP34, NP36   | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                     | Yes | Yes | 0   | UE Asset Only     | 4790 | 848296 | 5701 | An LV Fused Mains box caught fire and damaged U/G cable Lis 0633501                                                                                                             |
| Fire Start 94 | 26/12/2015 1:38  | Stumpy Gully Rd, Hastings               | HGS22, MTN22 | URBAN | HBRA | Asset failures resulting in grass/vegetation fire                           | Other Assets                                                                                 | Otherwise started by a distribution system                                                                                     | No  | Yes | 90  | Grass/Veg etation | 4783 | 848336 | 6561 | HV ABC burnt out mid-span between LIS #1112632 and LIS #111183, OIS #936 stumpy gully rd. -Grass fire ignited approx 90m                                                        |
| Fire Start 95 | 26/12/2015 18:29 | Sheehans Rd, Red Hill                   | DMA23        | URBAN | HBRA | Contact with assets (non-asset failures) resulting in Grass/vegetation fire | 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  | Yes | 3   | Grass/Veg etation | 4784 | 848423 | 2013 | Tree has brought down HV ABC to the ground between LIS#1307731 and #1307730 and ignited a small grass fire, approx 2-3m square. fire ignition report# 02013                     |
| Fire Start 96 | 26/12/2015 23:16 | Canterbury Rd, Vermont                  | RWT34        | URBAN | LBRA | Asset failures resulting in asset fire (no grass/vegetation fire)           | Pole and cross arm fire (including 'smouldering' or 'smoke')                                 | Otherwise started by a distribution system                                                                                     | No  | Yes | 0   | UE Asset Only     | 4785 | 848442 | 3068 | A hv inter x-arm caught fire and is to be replaced - LIS# 8800312                                                                                                               |
| Fire Start 97 | 28/12/2015 0:29  | McClure Rd,                             | SS23         | URBAN | LBRA | Asset failures resulting in                                                 | Pole and cross arm fire (including                                                           | Otherwise started by a                                                                                                         | No  | Yes | 0   | UE Asset          | 4786 | 848508 | 3069 | A hv inter x-arm caught fire and is to be                                                                                                                                       |

| Start          |            | Dingley                               |            | asset fire (no grass/vegetation fire) | 'smouldering' or 'smoke') | distribution system                               |              | Only |     | replaced - lis: 0607455 |                   |      |        |      |      |                                                                                                                                                                                |
|----------------|------------|---------------------------------------|------------|---------------------------------------|---------------------------|---------------------------------------------------|--------------|------|-----|-------------------------|-------------------|------|--------|------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fire Start 97  | 28/12/2015 | Porter St cnr Tuscany Rd, Templestowe | DC1, DC4   | URBAN                                 | LBRA                      | Asset failures resulting in grass/vegetation fire | Other Assets | No   | Yes | 1                       | Grass/Veg etation | 3085 | 848558 | 4787 | 3085 | A HV isolator connection overheated dropping molten metal which caused 1m squared grass fire - lis: 7060294                                                                    |
| Fire Start 98  | 30/12/2015 | Shoreham Rd, Red Hill South           | DMA15      | URBAN                                 | HBRA                      | Asset failures resulting in grass/vegetation fire | Other Assets | No   | Yes | 4                       | Grass/Veg etation | 2014 | 848753 | 4788 | 2014 | HV ABC has blown mid span in bay south of REDHILL CHERRY S/S (Lis 1308017) and caused 3 small grass fires the largest 2m in diameter.                                          |
| Fire Start 99  |            |                                       |            |                                       |                           |                                                   |              |      |     |                         |                   |      |        |      |      | LA's at HV UGC CHP (LIS#1805821) in New street CH7603 NORMANBY NEW 245 failed and damaged the LV UGC on the same pole; there was also a hedge fire at the property at the CHP. |
| Fire Start 100 | 31/12/2015 | Normanby St, Brighton                 | NB23, NB22 | URBAN                                 | LBRA                      | Asset failures resulting in grass/vegetation fire | Other Assets | Yes  | Yes | 6                       | Grass/Veg etation | 1095 | 849163 | 4791 | 1095 | A 7080 copper sleeve failed dropping the LV conductor to the ground igniting a small grass fire. LIS 7065219                                                                   |
| Fire Start 101 | 31/12/2015 | Porter St, Templestowe                | DC2        | URBAN                                 | LBRA                      | Asset failures resulting in grass/vegetation fire | Other Assets | Yes  | Yes | 2                       | Grass/Veg etation | 3086 | 849286 | 4792 | 3086 | LV copper conductor failed, dropped to the ground and started a small fire (10sqm) on the nature strip which was quickly extinguished                                          |
| Fire Start 102 | 31/12/2015 | Whitehead St, Blairgowrie             | STO14      | URBAN                                 | LBRA                      | Asset failures resulting in grass/vegetation fire | Other Assets | Yes  | Yes | 10                      | Grass/Veg etation | 3226 | 850198 | 4815 | 3226 |                                                                                                                                                                                |

