Attachment 1

# AusNet Services’ Electricity Networks Fire Start Report for the Financial Year 2016/17

# **Background**

In accordance with clauses 6(1) & 6(2) of the F-Factor Scheme 2016 (the **Order**), the Australian Energy Regulator (**AER**) has requested the provision of the following fire start report. A fire start report is required to be provided to the AER by the 30 September of each year that contains a summary of network related fire incidents, as defined in the Order, for the previous regulatory year.

AusNet Services’ Electricity Safety Management Scheme (ESMS) and Bushfire Mitigation Plan include network design, operation and maintenance programs that are targeted toward the reduction of fire start incidents.

The revised ‘F-factor Scheme Order 2016’ (the **Order 2016**) was published in the Victorian Government Gazette on 22 December 2016. The Order 2016 introduced the transition to a financial year reporting requirement (June-July) with the new scheme commencing on 1 July 2016. The revised scheme assigns a risk weighting, expressed in Ignition Risk Units (IRU), to each fire incident. The IRU value is the product of risk weightings assigned to ‘time’ (Fire Danger Rating) and ‘geography’ (Hazard rating of a location). A value of $15,000 is assigned to each IRU.

# **Definitions**

AusNet Services fire start report relies upon the following definitions;

**Bushfire Risk Area** **(HBRA/LBRA)** – As determined by the Country Fire Authority in accordance with Section 80 of the Electricity Safety Act 1998 which require the assigning of a fire hazard rating for an area of ‘hazardous’ or ‘low’

**Electric Line Construction Area –** As defined in the *Electricity Safety (Bushfire Mitigation) Regulations 2013*. These areas represent the highest fire loss consequence areas in the State and require.

**Feeder Classification** – AusNet Services has utilised the feeder classifications that have been defined for the service target performance incentive scheme (STPIS). Feeders are classified as central business district (CBD), Urban, Rural Short or Rural Long.

AusNet Services’ network contains only Urban, Rural Short and Rural Long feeders. The STPIS definitions are:

(a) Urban – not a CBD feeder, with actual maximum demand over the reporting

period per total feeder route length greater than 0.3 MVA/km;

(b) Rural short – not a CBD or Urban feeder with a total feeder route length less than 200km; *and*

(c) Rural long – not a CBD or Urban feeder with a total feeder route length greater than 200km.

**Fire Danger Rating** – Country Fire Authority fire danger ratings (FDR) as published daily on the CFA website

**Fire Location Area** - the location of the fire start in accordance with the categories specified in Clause 11(b) of the F-factor Order-In-Council.

**Fire Start by Asset** - In accordance with the categories defined in the Australian Energy Regulator’s Regulatory Information Notice (RIN) fire start reporting template

**Fire Start by Category** – In accordance with the categories defined in the Australian Energy Regulator’s Regulatory Information Notice (RIN) fire start reporting template.

**Ignition Risk Unit** – The product of risk weightings assigned to ‘Time’ (Fire Danger Rating) and ‘Geography’ (Hazard rating of a location) as detailed in clause 11 of the Oder 2016..

**Kind of Fire Start** - In accordance with the categories defined in the Australian Energy Regulator’s Regulatory Information Notice (RIN) for fire start reporting. These categories are derived from section 4 of the F-Factor Scheme Order in Council 2011.

**Rapid Earth Fault Current Limiter (REFCL) area** – A geographical area in which the distribution supply network (up to 22kV) is connected to a zone substation that has been prescribed within the *Electricity Safety (Bushfire Mitigation) Regulations 2013* as requiring the installation of a REFCL.

# **Ignition Risk Units**

A total of 110 fire starts were recorded between 1 July 2016 and 30 June 2017 resulting to a favourable total IRU outcome of 148.70 against the target of 247.7 for FY16/17.

The tables below breakdown these fire starts into time of occurrence (i.e. Fire Danger Rating) and geographic locations (Table 1) and their corresponding IRUs (Table 2).

Table 1 – Number of fire starts by Time and Geography

|  |  |  |
| --- | --- | --- |
| **Location Area****(Geography)** | **Fire Danger Rating (Time)** | **Total** |
| **No Forecast** | **Low-Moderate** | **High** | **Very High** | **Severe** | **Extreme** | **Code Red** |
| Electric line construction  | 3 | 1 | 2 | 1 | 0 | 0 | 0 | 7 |
| REFCL | 11 | 4 | 13 | 7 | 2 | 0 | 0 | 37 |
| HBRA only | 7 | 7 | 8 | 4 | 0 | 0 | 0 | 26 |
| LBRA only | 17 | 9 | 7 | 7 | 0 | 0 | 0 | 40 |
| **Total** | **38** | **21** | **30** | **19** | **2** | **0** | **0** | **110** |

Table 2 – Ignition Risk Units by Time and Geography

|  |  |  |
| --- | --- | --- |
| **Location Area** | **Fire Danger Rating** | **Total** |
| **No Forecast** | **Low-Moderate** | **High** | **Very High** | **Severe** | **Extreme** | **Code Red** |
| Electric line construction  | 3.00 | 3.96 | 19.80 | 19.80 | 0.00 | 0.00 | 0.00 | 46.56 |
| REFCL | 5.06 | 3.68 | 29.90 | 32.20 | 18.40 | 0.00 | 0.00 | 89.24 |
| HBRA only | 0.70 | 1.40 | 4.00 | 4.00 | 0.00 | 0.00 | 0.00 | 10.10 |
| LBRA only | 0.34 | 0.36 | 0.70 | 1.40 | 0.00 | 0.00 | 0.00 | 2.80 |
| **Total** | **9.10** | **9.40** | **54.40** | **57.40** | **18.40** | **0.00** | **0.00** | **148.70** |

# **Number of Fire Starts**

The tables below summarise AusNet Services’ fire starts between July 2016 and June 2017 showing actual number and percentage in the following categories:

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

Table 3: Number of fire starts by CFA Fire Hazard Rating

|  |  |  |
| --- | --- | --- |
| **CFA Fire Hazard Rating****(weather conditions on the day of the fire)** | **No of Fires** | **% of Fires** |
| No Forecast | 38 | 34.5 |
| Low-Moderate | 21 | 19.1 |
| High | 30 | 27.3 |
| Very High | 19 | 17.3 |
| Severe | 2 | 1.8 |
| Extreme | 0 | 0.0 |
| Code Red | 0 | 0.0 |
| **Total** | **110** | **100.0** |

Table 4: Number of fire starts by Location Area

|  |  |  |
| --- | --- | --- |
| **Geographic Location** | **No of Fires** | **% of Fires** |
| LBRA only | 40 | 36.4 |
| HBRA only | 26 | 23.6 |
| Within area delineated on plan LEGL./16-354 | 37 | 33.6 |
| Within electric line construction area | 7 | 6.4 |
| **Total** | **110** | **100.0** |

Table 5: Number of fire starts by Bushfire Risk Area

|  |  |  |
| --- | --- | --- |
| **Bushfire Risk Area** | **No of Fires** | **% of Fires** |
| High Bushfire Risk Area (HBRA) | 70 | 63.6 |
| Low Bushfire Risk Area (LBRA) | 40 | 36.4 |
| **Total** | **110** | **100.0** |

Table 6: Number of fire starts by Feeder Classification

|  |  |  |
| --- | --- | --- |
| **Feeder Classification** | **No of Fires** | **% of Fires** |
| URBAN | 26 | 23.6 |
| SHORT RURAL | 40 | 36.4 |
| LONG RURAL | 40 | 36.4 |
| Not Applicable (i.e. sub-transmission line, multiple feeders) | 4 | 3.6 |
| **Total** | **110** | **100.0** |

Table 7: Number of fire starts by Category

|  |  |  |
| --- | --- | --- |
| **Fire Start by Category** | **No of Fires** | **% of Fires** |
| Asset failures resulting in asset fire (no grass/vegetation fire) | 47 | 42.7 |
| Asset failures resulting in grass/vegetation fire | 34 | 30.9 |
| Grass/vegetation fires from assets (non-asset failures) | 4 | 3.6 |
| Any other fire start | 25 | 22.7 |
| **Total** | **110** | **100.0** |

Table 8: Number of fire starts by Kind of Fire Start

|  |  |  |
| --- | --- | --- |
| **Kind of Fire Start** | **No of Fires** | **% of Fires** |
| Started by any other thing forming part of or coming into contact with a distribution system | 4 | 3.6 |
| Started by any person, bird, reptile or other animal coming into contact with a distribution system | 13 | 11.9 |
| Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system | 12 | 10.9 |
| Started by lightning striking a distribution system or a part of a distribution system | 0 | 0.0 |
| Otherwise started by a distribution system | 81 | 73.6 |
| **Total** | **110** | **100.0** |

Table 9: Number of fire starts by Asset

|  |  |  |
| --- | --- | --- |
| **Fire Start by Asset** | **No of Fires** | **% of Fires** |
| Any fire triggered by any asset failure caused by Lightning | 0 | 0.0 |
| Fire starts in grass/vegetation resulting from animal contact with network assets | 11 | 10.0 |
| Fire starts in grass/vegetation resulting from other causes (vehicle strikes, vandalism, etc.) | 4 | 3.6 |
| Fire starts in grass/vegetation resulting from trees contacting network assets | 10 | 9.1 |
| HV Fuse Failure (including ‘hang-ups’ and ‘candling’) | 29 | 26.4 |
| Oil-filled plant  | 1 | 0.9 |
| Other Assets | 48 | 43.6 |
| Pole and cross arm failure/fire (including ‘smouldering’ or ‘smoke’) | 3 | 2.7 |
| Any additional fires, caused by any asset failure, not reported to the ESV and required to be reported by the f-factor Order | 4 | 3.6 |
| **Total** | **110** | **100.0** |

# **Table of all Fire Starts**

A table of all fire starts with details per the AER’s F-Factor scheme determination is provided in Appendix 1. This table contains feeder names, dates and geographic location of the fires, fault descriptions and incident record numbers.

# **Appendix 1 – Table of Fire Starts between July 2016 and June 2017**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Date 1 | Time 2 | Latitude 3 | Longitude 3 | ID of nearest asset 4 | ID of nearest polyphase line 5 | Voltage of line in which fire start occurred 6 | Network categorisation 7 | Fire start by ESV category 8 | Fire start byasset type 9 | Phase(s) of line or transformer 10 | Kind of fire start as per Clause 5of F-factor Order-In-Council 11 | HBRA or LBRA 12 | Location area 13 | Locationmultiplier | Fire danger period declared? 14 | Fire danger rating 15 | Danger multiplier | Product of multipliers | DNSP record number 16 |
| 1 | 1/07/2016 | 08:28 | -38.03324402 | 145.481912 | 501136 | OFR23 | Low voltage AC (<1kV) | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - crossarm (wood) | single phase | Otherwise started by a distribution system | HBRA | HBRA only | 1 | NO | No forecast | 0.1 | 0.1 | 222754 |
| 2 | 6/07/2016 | 23:43 | -37.81087674 | 145.2544462 | 1221996 | RWT32 | Low voltage AC (<1kV) | URBAN | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - lamps (major road) | single phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | NO | No forecast | 0.1 | 0.02 | 222834 |
| 3 | 16/07/2016 | 17:18 | -38.180448 | 146.561885 | 2607388 | TGN11 | 22kV AC | RURAL SHORT | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from animal contact with network assets |  - switch (disconnector/isolator) | three phase | Started by any person, bird, reptile or other animal coming into contact with a distribution system | HBRA | HBRA only | 1 | NO | No forecast | 0.1 | 0.1 | 222995 |
| 4 | 21/07/2016 | 13:53 | -37.48042499 | 145.011809 | 931594 | KLO14 | 22kV AC | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (EDO fuse) | single phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | NO | No forecast | 0.1 | 0.46 | 223145 |
| 5 | 2/08/2016 | 20:07 | -37.66563602 | 145.017755 | 911897 | EPG31 | 22kV AC | URBAN | Asset failures resulting in asset fire (no grass/vegetation fire) : Pole and cross arm fire (including ‘smouldering’ or ‘smoke’) |  - crossarm (wood) | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | NO | No forecast | 0.1 | 0.02 | 223367 |
| 6 | 5/08/2016 | 07:31 | -37.04601033 | 145.2984599 | 4705147 | SMR5 | 12.7kV AC (SWER) | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (EDO fuse) | single wire earth return (SWER) | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | NO | No forecast | 0.1 | 0.46 | 223470 |
| 7 | 7/08/2016 | 12:00 | -38.07890214 | 145.283756 | 523879 | CRE23 | Low voltage AC (<1kV) | URBAN | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - lamps (minor road) | single phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | NO | No forecast | 0.1 | 0.02 | 223502 |
| 8 | 11/08/2016 | 09:44 | -38.21155502 | 145.753448 | 2718897 | WGL13 | 22kV AC | RURAL SHORT | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (EDO fuse) | single phase | Otherwise started by a distribution system | HBRA | HBRA only | 1 | NO | No forecast | 0.1 | 0.1 | 223599 |
| 9 | 17/08/2016 | 06:39 | -38.07954102 | 145.274349 | 505476 | CRE23 | 22kV AC | URBAN | Any other Fire Start : Any additional fires, caused by any asset failure, not reported to the ESV and required to be reported by the f-factor Order |  - fuse (EDO fuse) | three phase | Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system | LBRA | LBRA only | 0.2 | NO | No forecast | 0.1 | 0.02 | 223700 |
| 10 | 18/08/2016 | 20:21 | -37.87498499 | 148.004977 | 1902429 | BDL41 | 22kV AC | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (EDO fuse) | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | NO | No forecast | 0.1 | 0.02 | 223771 |
| 11 | 22/08/2016 | 17:30 | -38.19031765 | 147.2718572 | 5744973 | SLE31 | Low voltage AC (<1kV) | RURAL LONG | Asset failures resulting in grass/vegetation fire : Other Assets |  - connection box | three phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | NO | No forecast | 0.1 | 0.46 | 223842 |
| 12 | 25/08/2016 | 15:02 | -37.75557002 | 145.684837 | 1407925 | WYK23 | 22kV AC | RURAL SHORT | Asset failures resulting in grass/vegetation fire : Other Assets |  - overhead conductor (ABC) | three phase | Otherwise started by a distribution system | HBRA | within electric line construction area | 19.8 | NO | No forecast | 0.1 | 1 | 223925 |
| 13 | 27/08/2016 | 13:19 | -37.86030701 | 148.079971 | 1902844 | NLA34 | Low voltage AC (<1kV) | RURAL SHORT | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - connection box | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | NO | No forecast | 0.1 | 0.02 | 223960 |
| 14 | 29/08/2016 | 17:08 | -38.18440033 | 146.561926 | 2604178 | TGN-MFA | 66kV AC | UNCLASSIFIED | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from animal contact with network assets |  - overhead conductor (bare; aluminium core steel reinforced) | three phase | Started by any person, bird, reptile or other animal coming into contact with a distribution system | LBRA | LBRA only | 0.2 | NO | No forecast | 0.1 | 0.02 | 223979 |
| 15 | 2/09/2016 | 04:25 | -38.24628598 | 145.566745 | 513602 | LLG11 | Low voltage AC (<1kV) | RURAL SHORT | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - connection box | three phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | NO | No forecast | 0.1 | 0.46 | 224049 |
| 16 | 5/09/2016 | 11:55 | -36.10114701 | 146.826638 | 5217235 | WO13 | 22kV AC | RURAL SHORT | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (EDO fuse) | single phase | Otherwise started by a distribution system | HBRA | HBRA only | 1 | NO | No forecast | 0.1 | 0.1 | 224089 |
| 17 | 14/09/2016 | 02:59 | -36.29614901 | 146.265543 | 5696900 | WN2 | 22kV AC | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (EDO fuse) | three phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | NO | No forecast | 0.1 | 0.46 | 224271 |
| 18 | 15/09/2016 | 11:48 | -36.1240808 | 146.8916233 | 5808844 | WO32 | Low voltage AC (<1kV) | URBAN | Asset failures resulting in grass/vegetation fire : Other Assets |  - LV pillar | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | NO | No forecast | 0.1 | 0.02 | 224298 |
| 19 | 24/09/2016 | 21:26 | -37.896688 | 145.23435 | 1309556 | BRA21 | Low voltage AC (<1kV) | URBAN | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - lamps (minor road) | single phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | NO | No forecast | 0.1 | 0.02 | 224480 |
| 20 | 29/09/2016 | 18:25 | -36.45662666 | 146.4608769 | 5740818 | WN5 | 22kV AC | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (EDO fuse) | single phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | NO | No forecast | 0.1 | 0.46 | 224584 |
| 21 | 2/10/2016 | 15:32 | -37.88313664 | 145.5060391 | 408364 | BGE22 | 12.7kV AC (SWER) | RURAL SHORT | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from trees contacting network assets |  - overhead conductor (bare; steel) | single wire earth return (SWER) | Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | NO | No forecast | 0.1 | 0.46 | 224591 |
| 22 | 9/10/2016 | 14:54 | -37.72605374 | 145.1471814 | 921845 | ELM34 | 22kV AC | URBAN | Any other Fire Start : Any additional fires, caused by any asset failure, not reported to the ESV and required to be reported by the f-factor Order |  - overhead conductor (bare; all aluminium conductor) | three phase | Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system | LBRA | LBRA only | 0.2 | NO | No forecast | 0.1 | 0.02 | 224666 |
| 23 | 9/10/2016 | 16:37 | -38.04425501 | 145.496411 | 503441 | PHM33 | 22kV AC | RURAL SHORT | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from trees contacting network assets |  - fuse (boric acid) | single phase | Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system | HBRA | HBRA only | 1 | NO | No forecast | 0.1 | 0.1 | 224711 |
| 24 | 12/10/2016 | 03:25 | -37.74621099 | 145.653564 | 1407535 | WYK23 | Low voltage AC (<1kV) | RURAL SHORT | Asset failures resulting in grass/vegetation fire : Other Assets |  - connection box | three phase | Otherwise started by a distribution system | HBRA | within electric line construction area | 19.8 | NO | No forecast | 0.1 | 1 | 224695 |
| 25 | 12/10/2016 | 15:48 | -36.46039099 | 146.5048 | 5110573 | WN5 | 22kV AC | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (boric acid) | three phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | NO | No forecast | 0.1 | 0.46 | 224710 |
| 26 | 16/10/2016 | 18:07 | -38.02988037 | 145.3151008 | 504819 | NRN14 | 22kV AC | URBAN | Asset failures resulting in asset fire (no grass/vegetation fire) : Pole and cross arm fire (including ‘smouldering’ or ‘smoke’) |  - crossarm (wood) | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | NO | No forecast | 0.1 | 0.02 | 224761 |
| 27 | 16/10/2016 | 22:35 | -37.76725099 | 145.471065 | 1014014 | WYK12 | 22kV AC | RURAL SHORT | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from trees contacting network assets |  - overhead conductor (bare; all aluminium conductor) | three phase | Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | NO | No forecast | 0.1 | 0.46 | 224759 |
| 28 | 21/10/2016 | 05:47 | -38.45331202 | 145.26164 | 2805771 | PHI13 | 22kV AC | URBAN | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (boric acid) | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | NO | No forecast | 0.1 | 0.02 | 224867 |
| 29 | 30/10/2016 | 09:35 | -38.07819899 | 147.101382 | 2502968 | SLE32 | Low voltage AC (<1kV) | RURAL SHORT | Asset failures resulting in grass/vegetation fire : Other Assets |  - connection box | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | NO | No forecast | 0.1 | 0.02 | 224998 |
| 30 | 2/11/2016 | 17:57 | -38.06113746 | 145.3218219 | 5639730 | HPK14 | Low voltage AC (<1kV) | URBAN | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from other causes (vehicle strikes, vandalism etc) |  - LV pillar | three phase | Started by any other thing forming part of or coming into contact with a distribution system | LBRA | LBRA only | 0.2 | NO | Low-moderate | 0.2 | 0.04 | 225023 |
| 31 | 4/11/2016 | 17:05 | -37.63081198 | 145.096591 | 917429 | DRN11 | 22kV AC | RURAL SHORT | Asset failures resulting in grass/vegetation fire : Other Assets |  - overhead conductor (ABC) | three phase | Otherwise started by a distribution system | HBRA | HBRA only | 1 | NO | High | 0.5 | 0.5 | 225045 |
| 32 | 6/11/2016 | 22:59 | -38.15077261 | 146.7823565 | 5643747 | TGN41 | Low voltage AC (<1kV) | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - lamps (major road) | single phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | NO | Low-moderate | 0.2 | 0.04 | 225046 |
| 33 | 7/11/2016 | 11:02 | -38.10047098 | 145.742386 | 2709203 | WGL12 | 22kV AC | RURAL LONG | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from trees contacting network assets |  - overhead conductor (bare; all aluminium conductor) | three phase | Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system | HBRA | HBRA only | 1 | NO | High | 0.5 | 0.5 | 225057 |
| 34 | 10/11/2016 | 13:17 | -37.05919202 | 145.108568 | 578208 | SMR1 | 22kV AC | RURAL SHORT | Asset failures resulting in grass/vegetation fire : HV Fuse |  - fuse (EDO fuse) | three phase | Otherwise started by a distribution system | HBRA | within electric line construction area | 19.8 | NO | Low-moderate | 0.2 | 3.96 | 225159 |
| 35 | 15/11/2016 | 01:14 | -37.8256126 | 147.6361106 | 1614740 | BDL43 | Low voltage AC (<1kV) | RURAL SHORT | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - lamps (major road) | single phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | NO | Low-moderate | 0.2 | 0.04 | 225215 |
| 36 | 21/11/2016 | 10:00 | -37.69026671 | 145.0425699 | 5792621 | WT12 | Extra low voltage DC (<120V ripple free) | URBAN | Asset failures resulting in asset fire (no grass/vegetation fire) : Oil-filled plant fire | Other  | single phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | NO | Very high | 1 | 0.2 | 225384 |
| 37 | 21/11/2016 | 10:18 | -38.48215628 | 145.2052301 | 2807007 | PHI12 | 22kV AC | RURAL SHORT | Asset failures resulting in grass/vegetation fire : Other Assets |  - overhead conductor (bare; copper) | single phase | Otherwise started by a distribution system | HBRA | HBRA only | 1 | NO | Very high | 1 | 1 | 225339 |
| 38 | 23/11/2016 | 17:25 | -37.12512302 | 145.027419 | 4701254 | SMR4 | 22kV AC | RURAL SHORT | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (EDO fuse) | single phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | NO | High | 0.5 | 2.3 | 225404 |
| 39 | 28/11/2016 | 03:50 | -38.49968603 | 145.444879 | 2803741 | WGI23 | 22kV AC | RURAL SHORT | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (boric acid) | single phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | NO | Low-moderate | 0.2 | 0.92 | 225484 |
| 40 | 2/12/2016 | 02:12 | -37.9872815 | 145.314676 | 519671 | LYD13 | Low voltage AC (<1kV) | URBAN | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - lamps (minor road) | single phase | Otherwise started by a distribution system | HBRA | HBRA only | 1 | NO | Low-moderate | 0.2 | 0.2 | 225575 |
| 41 | 4/12/2016 | 16:08 | -37.77279927 | 145.2757476 | 1216269 | CPK11 | 22kV AC | RURAL SHORT | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - overhead conductor (ABC) | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | NO | High | 0.5 | 0.1 | 225589 |
| 42 | 9/12/2016 | 09:47 | -38.51079499 | 145.334234 | 2800945 | WGI31 | 22kV AC | RURAL SHORT | Asset failures resulting in grass/vegetation fire : Other Assets |  - guy wire | single phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | NO | Low-moderate | 0.2 | 0.92 | 225705 |
| 43 | 12/12/2016 | 01:09 | -37.85785778 | 145.2323963 | 1031645 | BRA21 | Low voltage AC (<1kV) | URBAN | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - LV pillar | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | NO | High | 0.5 | 0.1 | 225845 |
| 44 | 12/12/2016 | 04:40 | -36.165363 | 146.76462 | 597646 | BWA22 | 22kV AC | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (EDO fuse) | single phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | High | 0.5 | 2.3 | 225722 |
| 45 | 14/12/2016 | 11:22 | -38.63669801 | 145.710598 | 2810182 | WGI34 | 22kV AC | RURAL SHORT | Asset failures resulting in grass/vegetation fire : Other Assets |  - overhead conductor (bare; all aluminium conductor) | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | NO | Low-moderate | 0.2 | 0.04 | 225792 |
| 46 | 17/12/2016 | 15:53 | -37.90153082 | 147.2116116 | 2512255 | MFA21 | 12.7kV AC (SWER) | RURAL LONG | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from trees contacting network assets |  - overhead conductor (bare; steel) | single wire earth return (SWER) | Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system | HBRA | HBRA only | 1 | NO | Low-moderate | 0.2 | 0.2 | 225833 |
| 47 | 17/12/2016 | 21:35 | -38.18346298 | 145.780724 | 2702476 | WGL13 | Low voltage AC (<1kV) | RURAL SHORT | Asset failures resulting in grass/vegetation fire : Other Assets |  - connection box | three phase | Otherwise started by a distribution system | HBRA | HBRA only | 1 | NO | Low-moderate | 0.2 | 0.2 | 225834 |
| 48 | 19/12/2016 | 17:57 | -38.521948 | 145.387463 | 2812439 | WGI31 | 22kV AC | RURAL SHORT | Asset failures resulting in grass/vegetation fire : Other Assets |  - connector / termination | three phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | Very high | 1 | 4.6 | 225855 |
| 49 | 21/12/2016 | 06:56 | -37.82343799 | 147.65931 | 1610888 | BDL4 | Low voltage AC (<1kV) | RURAL SHORT | Asset failures resulting in grass/vegetation fire : Other Assets |  - connection box | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | YES | Low-moderate | 0.2 | 0.04 | 225879 |
| 50 | 22/12/2016 | 17:00 | -38.57709602 | 145.683675 | 2804984 | WGI14 | Low voltage AC (<1kV) | RURAL SHORT | Asset failures resulting in grass/vegetation fire : Other Assets |  - switch (disconnector/isolator) | three phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | Low-moderate | 0.2 | 0.92 | 225901 |
| 51 | 24/12/2016 | 09:16 | -37.31896505 | 145.068308 | 4701417 | SMR3 | 12.7kV AC (SWER) | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (boric acid) | single wire earth return (SWER) | Otherwise started by a distribution system | HBRA | within electric line construction area | 19.8 | YES | High | 0.5 | 9.9 | 225923 |
| 52 | 26/12/2016 | 10:16 | -36.20740702 | 146.974117 | 5201337 | WOTS11 | 22kV AC | RURAL LONG | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from animal contact with network assets |  - insulators | three phase | Started by any person, bird, reptile or other animal coming into contact with a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | Very high | 1 | 4.6 | 225927 |
| 53 | 28/12/2016 | 12:34 | -37.48220899 | 145.290792 | 1401497 | KLK1 | 22kV AC | RURAL SHORT | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from trees contacting network assets |  - overhead conductor (bare; aluminium core steel reinforced) | three phase | Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | Very high | 1 | 4.6 | 225932 |
| 54 | 29/12/2016 | 08:05 | -37.71351801 | 145.105409 | 901742 | WT7 | Low voltage AC (<1kV) | URBAN | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - connection box | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | YES | Low-moderate | 0.2 | 0.04 | 225934 |
| 55 | 6/01/2017 | 17:18 | -37.51108299 | 145.02584 | 914158 | KLO14 | 22kV AC | RURAL LONG | Asset failures resulting in grass/vegetation fire : Other Assets |  - switch (disconnector/isolator) | three phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | High | 0.5 | 2.3 | 225981 |
| 56 | 7/01/2017 | 12:43 | -37.61666002 | 145.521646 | 1409917 | WYK24 | 22kV AC | RURAL SHORT | Asset failures resulting in grass/vegetation fire : Other Assets |  - overhead conductor (ABC) | three phase | Otherwise started by a distribution system | HBRA | within electric line construction area | 19.8 | YES | Very high | 1 | 19.8 | 225984 |
| 57 | 7/01/2017 | 15:23 | -37.796741 | 147.858083 | 1900002 | BDL41 | 22kV AC | RURAL LONG | Asset failures resulting in grass/vegetation fire : HV Fuse |  - fuse (EDO fuse) | three phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | High | 0.5 | 2.3 | 225985 |
| 58 | 8/01/2017 | 06:59 | -37.809565 | 145.238653 | 1212124 | RWT14 | Low voltage AC (<1kV) | URBAN | Asset failures resulting in grass/vegetation fire : Other Assets |  - connector / termination | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | YES | Very high | 1 | 0.2 | 225987 |
| 59 | 8/01/2017 | 12:15 | -37.84675098 | 147.009526 | 2513880 | MFA21 | Low voltage AC (<1kV) | RURAL LONG | Asset failures resulting in grass/vegetation fire : Other Assets |  - connector / termination | three phase | Otherwise started by a distribution system | HBRA | HBRA only | 1 | YES | Very high | 1 | 1 | 225988 |
| 60 | 10/01/2017 | 12:06 | -38.02138202 | 146.634425 | 2602874 | TGN31 | 22kV AC | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (EDO fuse) | single phase | Otherwise started by a distribution system | HBRA | HBRA only | 1 | YES | Low-moderate | 0.2 | 0.2 | 226003 |
| 61 | 10/01/2017 | 18:03 | -38.46063898 | 146.24706 | 2721123 | MWT14 | 22kV AC | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (EDO fuse) | single phase | Otherwise started by a distribution system | HBRA | HBRA only | 1 | YES | Low-moderate | 0.2 | 0.2 | 226011 |
| 62 | 12/01/2017 | 12:46 | -38.123077 | 147.080431 | 2503205 | MWTS-SLE | 66kV AC | UNCLASSIFIED | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from animal contact with network assets |  - overhead conductor (bare; all aluminium conductor) | three phase | Started by any person, bird, reptile or other animal coming into contact with a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | High | 0.5 | 2.3 | 226009 |
| 63 | 14/01/2017 | 00:47 | -38.11546399 | 145.278995 | 510048 | CRE32 | 22kV AC | URBAN | Asset failures resulting in grass/vegetation fire : Other Assets |  - overhead conductor (bare; steel) | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | YES | High | 0.5 | 0.1 | 226053 |
| 64 | 16/01/2017 | 18:35 | -38.65242601 | 146.325796 | 2014374 | FTR12 | Low voltage AC (<1kV) | RURAL LONG | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from other causes (vehicle strikes, vandalism etc) |  - overhead service conductor (residential) | three phase | Started by any other thing forming part of or coming into contact with a distribution system | HBRA | HBRA only | 1 | YES | High | 0.5 | 0.5 | 226065 |
| 65 | 17/01/2017 | 10:43 | -37.29541199 | 144.982273 | 4717283 | SMR-KMS | 66kV AC | UNCLASSIFIED | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from animal contact with network assets |  - overhead conductor (bare; aluminium core steel reinforced) | three phase | Started by any person, bird, reptile or other animal coming into contact with a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | Severe | 2 | 9.2 | 226071 |
| 66 | 17/01/2017 | 11:29 | -37.96309999 | 146.98581 | 2514867 | MFA31 | Low voltage AC (<1kV) | RURAL SHORT | Asset failures resulting in grass/vegetation fire : Other Assets |  - overhead service conductor (residential) | single phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | YES | Very high | 1 | 0.2 | 226088 |
| 67 | 17/01/2017 | 18:22 | -37.89466602 | 145.249038 | 1311306 | BRA13 | Low voltage AC (<1kV) | URBAN | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - connection box | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | YES | Very high | 1 | 0.2 | 226090 |
| 68 | 25/01/2017 | 18:10 | -37.83019501 | 145.334704 | 1208865 | BWR13 | 22kV AC | URBAN | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (boric acid) | single phase | Otherwise started by a distribution system | HBRA | within electric line construction area | 19.8 | YES | High | 0.5 | 9.9 | 226200 |
| 69 | 25/01/2017 | 18:18 | -36.15526216 | 146.0553467 | 5131906 | WN2 | 12.7kV AC (SWER) | RURAL LONG | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from other causes (vehicle strikes, vandalism etc) |  - overhead conductor (bare; steel) | single wire earth return (SWER) | Started by any other thing forming part of or coming into contact with a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | High | 0.5 | 2.3 | 226201 |
| 70 | 26/01/2017 | 09:57 | -38.629913 | 146.503026 | 2609024 | FTR12 | Low voltage AC (<1kV) | RURAL LONG | Asset failures resulting in grass/vegetation fire : Other Assets |  - connection box | single wire earth return (SWER) | Otherwise started by a distribution system | HBRA | HBRA only | 1 | YES | High | 0.5 | 0.5 | 226205 |
| 71 | 31/01/2017 | 17:46 | -36.55095124 | 145.9831831 | 3900143 | BN4 | Low voltage AC (<1kV) | URBAN | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - connection box | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | YES | Very high | 1 | 0.2 | 226246 |
| 72 | 5/02/2017 | 17:51 | -38.248958 | 146.497107 | 2623408 | TGN23 | 22kV AC | RURAL SHORT | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from animal contact with network assets |  - overhead conductor (bare; all aluminium conductor) | three phase | Started by any person, bird, reptile or other animal coming into contact with a distribution system | HBRA | HBRA only | 1 | YES | High | 0.5 | 0.5 | 226292 |
| 73 | 5/02/2017 | 18:54 | -37.77025098 | 145.203775 | 1205491 | RWN26 | Low voltage AC (<1kV) | RURAL SHORT | Asset failures resulting in grass/vegetation fire : Other Assets |  - overhead service conductor (residential) | single phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | Low-moderate | 0.2 | 0.92 | 226466 |
| 74 | 8/02/2017 | 14:38 | -36.37795552 | 146.3561847 | 5110868 | WN5 | 22kV AC | RURAL LONG | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from trees contacting network assets |  - overhead conductor (bare; steel) | three phase | Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | High | 0.5 | 2.3 | 226337 |
| 75 | 8/02/2017 | 23:49 | -37.821889 | 145.243173 | 1216447 | RWT32 | Low voltage AC (<1kV) | URBAN | Asset failures resulting in grass/vegetation fire : Other Assets |  - services pit | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | YES | High | 0.5 | 0.1 | 226336 |
| 76 | 9/02/2017 | 18:50 | -36.53046798 | 145.917326 | 597128 | BN3 | 22kV AC | RURAL SHORT | Asset failures resulting in grass/vegetation fire : HV Fuse |  - fuse (EDO fuse) | single phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | High | 0.5 | 2.3 | 226356 |
| 77 | 11/02/2017 | 00:00 | -37.8540985 | 145.5428847 | 1316030 | LDL13 | 12.7kV AC (SWER) | RURAL SHORT | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from trees contacting network assets |  - overhead conductor (bare; steel) | single wire earth return (SWER) | Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | High | 0.5 | 2.3 | 226393 |
| 78 | 12/02/2017 | 02:50 | -36.15662908 | 147.2630666 | 5212292 | WOTS24 | 12.7kV AC (SWER) | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (boric acid) | single wire earth return (SWER) | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | High | 0.5 | 2.3 | 226394 |
| 79 | 13/02/2017 | 10:08 | -38.469595 | 145.297199 | 2805593 | PHI11 | 22kV AC | RURAL SHORT | Any other Fire Start : Any additional fires, caused by any asset failure, not reported to the ESV and required to be reported by the f-factor Order |  - overhead conductor (bare; all aluminium conductor) | three phase | Started by any person, bird, reptile or other animal coming into contact with a distribution system | LBRA | LBRA only | 0.2 | YES | Low-moderate | 0.2 | 0.04 | 226406 |
| 80 | 13/02/2017 | 14:04 | -38.21431702 | 145.318886 | 517359 | CRE33 | 22kV AC | RURAL SHORT | Any other Fire Start : Any additional fires, caused by any asset failure, not reported to the ESV and required to be reported by the f-factor Order |  - overhead conductor (bare; aluminium core steel reinforced) | three phase | Started by any person, bird, reptile or other animal coming into contact with a distribution system | HBRA | HBRA only | 1 | YES | Low-moderate | 0.2 | 0.2 | 226409 |
| 81 | 14/02/2017 | 15:12 | -36.00832699 | 146.393787 | 5207130 | WN3 | Low voltage AC (<1kV) | RURAL LONG | Asset failures resulting in grass/vegetation fire : Other Assets |  - switch (disconnector/isolator) | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | YES | High | 0.5 | 0.1 | 226441 |
| 82 | 15/02/2017 | 12:03 | -37.798582 | 145.407879 | 1010839 | LDL13 | Low voltage AC (<1kV) | RURAL SHORT | Asset failures resulting in grass/vegetation fire : Other Assets |  - overhead conductor (ABC) | three phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | Very high | 1 | 4.6 | 226450 |
| 83 | 15/02/2017 | 19:55 | -38.50979849 | 145.227709 | 2806401 | PHI12 | 22kV AC | RURAL SHORT | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from other causes (vehicle strikes, vandalism etc) |  - overhead conductor (bare; aluminium core steel reinforced) | three phase | Started by any other thing forming part of or coming into contact with a distribution system | HBRA | HBRA only | 1 | YES | Very high | 1 | 1 | 226461 |
| 84 | 16/02/2017 | 05:00 | -37.83583999 | 145.238921 | 1204917 | RWT15 | 66kV AC | URBAN | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from animal contact with network assets |  - overhead conductor (bare; all aluminium conductor) | three phase | Started by any person, bird, reptile or other animal coming into contact with a distribution system | LBRA | LBRA only | 0.2 | YES | High | 0.5 | 0.1 | 226488 |
| 85 | 17/02/2017 | 17:23 | -36.28501702 | 147.118654 | 5217958 | WOTS13 | 22kV AC | RURAL LONG | Asset failures resulting in grass/vegetation fire : HV Fuse |  - fuse (boric acid) | three phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | Very high | 1 | 4.6 | 226507 |
| 86 | 22/02/2017 | 15:50 | -37.37620798 | 145.033343 | 912281 | KLO14 | 22kV AC | RURAL LONG | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from trees contacting network assets |  - overhead conductor (bare; all aluminium conductor) | three phase | Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | Severe | 2 | 9.2 | 226575 |
| 87 | 23/02/2017 | 15:04 | -36.11743399 | 147.0030547 | 5235747 | WOTS-HPS | 66kV AC | UNCLASSIFIED | Asset failures resulting in grass/vegetation fire : Pole and cross arm failure or Pole and cross arm fire |  - crossarm (wood) | three phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | Very high | 1 | 4.6 | 226579 |
| 88 | 28/02/2017 | 14:45 | -37.81332497 | 145.286995 | 1206763 | CYN11 | 22kV AC | URBAN | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from animal contact with network assets |  - switch (disconnector/isolator) | three phase | Started by any person, bird, reptile or other animal coming into contact with a distribution system | LBRA | LBRA only | 0.2 | YES | Very high | 1 | 0.2 | 226658 |
| 89 | 1/03/2017 | 06:42 | -36.84377799 | 145.463006 | 3901723 | BN1 | 22kV AC | RURAL LONG | Asset failures resulting in grass/vegetation fire : HV Fuse |  - fuse (boric acid) | single phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | High | 0.5 | 2.3 | 226773 |
| 90 | 3/03/2017 | 11:16 | -36.23860101 | 146.271955 | 5103424 | WN3 | Low voltage AC (<1kV) | RURAL LONG | Asset failures resulting in grass/vegetation fire : Other Assets |  - connection box | three phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | Very high | 1 | 4.6 | 226737 |
| 91 | 3/03/2017 | 22:37 | -37.22170579 | 145.6514454 | 4712442 | RUBA12 | 12.7kV AC (SWER) | RURAL LONG | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from trees contacting network assets |  - overhead conductor (bare; steel) | single wire earth return (SWER) | Started by any tree, or part of a tree, falling upon or coming into contact with a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | High | 0.5 | 2.3 | 226756 |
| 92 | 8/03/2017 | 14:22 | -38.09262999 | 145.502171 | 524590 | PHM12 | 22kV AC | RURAL SHORT | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from animal contact with network assets |  - transformer (pole mounted) | three phase | Started by any person, bird, reptile or other animal coming into contact with a distribution system | HBRA | HBRA only | 1 | YES | High | 0.5 | 0.5 | 226815 |
| 93 | 10/03/2017 | 17:28 | -38.45619993 | 145.2422452 | 2803645 | PHI13 | Low voltage AC (<1kV) | URBAN | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - connection box | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | YES | High | 0.5 | 0.1 | 226862 |
| 94 | 13/03/2017 | 10:23 | -38.12013999 | 146.269409 | 2201134 | MOE21 | Low voltage AC (<1kV) | RURAL SHORT | Asset failures resulting in grass/vegetation fire : Other Assets |  - connection box | single phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | YES | High | 0.5 | 2.3 | 226876 |
| 95 | 15/03/2017 | 02:55 | -37.70734602 | 145.161749 | 918947 | ELM13 | 22kV AC | URBAN | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from animal contact with network assets |  - switch (disconnector/isolator) | three phase | Started by any person, bird, reptile or other animal coming into contact with a distribution system | LBRA | LBRA only | 0.2 | YES | Very high | 1 | 0.2 | 226903 |
| 96 | 15/03/2017 | 06:52 | -38.58633501 | 146.559605 | 2622133 | FTR12 | 22kV AC | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (boric acid) | single phase | Otherwise started by a distribution system | HBRA | HBRA only | 1 | YES | High | 0.5 | 0.5 | 226904 |
| 97 | 18/03/2017 | 01:18 | -38.07070298 | 145.572549 | 517611 | PHM14 | 22kV AC | RURAL LONG | Asset failures resulting in grass/vegetation fire : Other Assets |  - switch (disconnector/isolator) | three phase | Otherwise started by a distribution system | HBRA | HBRA only | 1 | YES | High | 0.5 | 0.5 | 226971 |
| 98 | 27/03/2017 | 11:21 | -38.55822102 | 145.881293 | 2010501 | LGA23 | Low voltage AC (<1kV) | RURAL LONG | Asset failures resulting in grass/vegetation fire : Other Assets |  - connection box | single phase | Otherwise started by a distribution system | HBRA | HBRA only | 1 | YES | Very high | 1 | 1 | 227122 |
| 99 | 2/04/2017 | 07:50 | -38.398482 | 146.15867 | 2021888 | LGA11 | 22kV AC | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (EDO fuse) | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | YES | Low-moderate | 0.2 | 0.04 | 227320 |
| 100 | 11/04/2017 | 13:40 | -37.927899 | 145.950214 | 2700395 | WGL24 | 22kV AC | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (EDO fuse) | three phase | Otherwise started by a distribution system | HBRA | HBRA only | 1 | YES | Low-moderate | 0.2 | 0.2 | 227473 |
| 101 | 24/04/2017 | 02:30 | -37.850995 | 145.260161 | 1219519 | BWR34 | Low voltage AC (<1kV) | URBAN | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - lamps (minor road) | single phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | YES | Low-moderate | 0.2 | 0.04 | 227611 |
| 102 | 9/05/2017 | 23:14 | -38.03100927 | 145.3420036 | 5765423 | BWN13 | Low voltage AC (<1kV) | URBAN | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - lamps (major road) | single phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | NO | No forecast | 0.1 | 0.02 | 227798 |
| 103 | 17/05/2017 | 19:05 | -37.87654685 | 148.0050555 | 1902475 | BDL41 | Low voltage AC (<1kV) | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - lamps (major road) | single phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | NO | No forecast | 0.1 | 0.02 | 228117 |
| 104 | 24/05/2017 | 05:53 | -38.128072 | 145.754437 | 2716082 | WGL12 | 22kV AC | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (EDO fuse) | single phase | Otherwise started by a distribution system | HBRA | HBRA only | 1 | NO | No forecast | 0.1 | 0.1 | 228037 |
| 105 | 31/05/2017 | 21:10 | -37.871377 | 148.008042 | 1902525 | BDL41 | 22kV AC | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (EDO fuse) | three phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | NO | No forecast | 0.1 | 0.46 | 228272 |
| 106 | 10/06/2017 | 23:16 | -37.89621524 | 147.8552796 | 1911158 | BDL6 | Low voltage AC (<1kV) | RURAL SHORT | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - connection box | three phase | Otherwise started by a distribution system | LBRA | LBRA only | 0.2 | NO | No forecast | 0.1 | 0.02 | 228484 |
| 107 | 15/06/2017 | 18:00 | -37.89886899 | 145.332669 | 1314427 | UWY1 | Low voltage AC (<1kV) | RURAL SHORT | Asset failures resulting in asset fire (no grass/vegetation fire) : Other Assets |  - overhead conductor (insulated) | three phase | Otherwise started by a distribution system | HBRA | within electric line construction area | 19.8 | NO | No forecast | 0.1 | 1 | 228541 |
| 108 | 20/06/2017 | 07:01 | -37.21845801 | 145.733835 | 4711213 | RUBA12 | 22kV AC | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (boric acid) | three phase | Otherwise started by a distribution system | HBRA | within area delineated on plan LEGL./16-354 | 4.6 | NO | No forecast | 0.1 | 0.46 | 228617 |
| 109 | 25/06/2017 | 18:00 | -38.031794 | 146.9864232 | 2508411 | MFA23 | 22kV AC | RURAL SHORT | Grass/vegetation fires from assets (non-asset failures) : Fire starts in grass/vegetation resulting from animal contact with network assets |  - overhead conductor (bare; steel) | three phase | Started by any person, bird, reptile or other animal coming into contact with a distribution system | LBRA | LBRA only | 0.2 | NO | No forecast | 0.1 | 0.02 | 228743 |
| 110 | 28/06/2017 | 09:19 | -38.38405102 | 146.114968 | 2002648 | LGA11 | 22kV AC | RURAL LONG | Asset failures resulting in asset fire (no grass/vegetation fire) : HV Fuse Failure (including ‘hang-ups’ and ‘candling’) |  - fuse (EDO fuse) | single phase | Otherwise started by a distribution system | HBRA | HBRA only | 1 | NO | No forecast | 0.1 | 0.1 | 228816 |