HSE Alert Form

Alert Number: **2014.40**

eSafe No	1116760	**Location**	Corner Odessa & Ross Streets Granville	**Date**	4 July 2014

Description of Hazard/Incident *(What happened?)*

Member of public reported LV conductor hanging from network.

Extent of Impact *(Details of injury, environmental harm, equipment damage, etc.)*

Nil injury or damage.

Key Facts *(What are the key facts ?)*

A Workgroup Leader had a report of a wire hanging from a pole. The WGL attended site and found one LV bridging conductor hanging from the top set of mains. It appeared that the bridges have been rolled up and tied back using plastic zip-lock cable ties to create an open point previously. One cable tie has failed letting the bridge hang low enough to potentially reach the bottom set of conductors on the T-off and had been left like this for a period of time. Unsecured conductors were made safe by removing bridges at the open point.

Actions *(Information on corrective actions implemented that may prevent harm and or assist others in preventing a similar occurrence)*

Supervisors, Line Managers and Contractors are to ensure the following is communicated:

- Cable ties (zip ties) are never to be left on the Network as a long term means of securing conductors or bridges. Appropriate short term and safe use of Ergon Energy approved 9mm cable ties during construction is acceptable, but they must be removed and never left in situ once crews have completed their works at the site.
- Always secure effectively and prevent uncontrolled movement of conductors and equipment at all times.
- Ensure any tied back conductors / tails are held securely. Manage the risk of uncontrolled movement of conductor tails by;
  - Cutting the bridge, leaving a short tail on the source side whenever possible
  - Securing the long tail by
    1. Bending back the conductor tail onto the main conductor and form the conductor into a loop, observing conductor minimum bending radius to prevent bird caging
    2. Wrap the excess conductor tail by winding it around the main conductor
    3. Secure the tails with approved line clamps such as Parallel Groove Clamps. One clamp minimum per tail. Ensure correct size clamps are used, applied securely and correctly tightened onto the conductor. Ensure the conductors are correctly aligned and fitted into the clamp.

Contact for further Information

Name: Craig Harris	**Position:** Lines Manager Fraser/Burnett

Ergon Energy Corporation Limited ABN 50 087 646 062
Ergon Energy Queensland Pty Ltd ABN 11 121 177 802