

UK Power Networks

OPERATIONAL ALERT

Document No:	HSS 406 OA 14	Issue Date:	21 December 2018
Type:	Operational Alert		
Subject:	Connection of generation to the Live LV system, and synchronisation to and from the Live LV system		
Applicable Areas:	All Regions	Applicable Job Roles:	Staff and contractors involved in the connection of generation to the LV network
Issued By:	Connections		
Circulation: <input type="checkbox"/> All UK Power Networks Staff <input checked="" type="checkbox"/> Asset Management <input checked="" type="checkbox"/> Capital Programme & Procurement <input checked="" type="checkbox"/> Connections <input checked="" type="checkbox"/> Contractors <input type="checkbox"/> Customer Services <input type="checkbox"/> Finance <input type="checkbox"/> G81 External website <input type="checkbox"/> HR & Communications <input type="checkbox"/> ICPs (Independent Connection Providers) <input type="checkbox"/> IDNOs (Independent Distribution Network Operators) <input type="checkbox"/> Information Systems <input type="checkbox"/> Legal <input type="checkbox"/> Meter Operators		<input checked="" type="checkbox"/> Network Operations <input checked="" type="checkbox"/> EPN <input checked="" type="checkbox"/> LPN <input checked="" type="checkbox"/> SPN <input checked="" type="checkbox"/> Connections Services <input checked="" type="checkbox"/> Distribution Capital Delivery <input checked="" type="checkbox"/> Highway Services <input type="checkbox"/> Logistics <input checked="" type="checkbox"/> Network Control <input type="checkbox"/> Powercare <input type="checkbox"/> Transport Services <input checked="" type="checkbox"/> SHE&TTA <input checked="" type="checkbox"/> In Business safety team <input checked="" type="checkbox"/> Safety Reps <input type="checkbox"/> Strategy and Regulation <input checked="" type="checkbox"/> UK Power Networks Services	

Please consult the author if you have any queries about the information below.

What Happened?

During a connections project, a generator was required to ensure continuity of supply to a large number of customers. To do so, a 1000kVA generator was to be synchronised to the Live LV system. When a Litton connector would not mate at the generator tail, our contractor received an electric shock when cleaning the connector. Fortunately, he received no injuries and a VSI investigation is currently underway.

Actions

Staff are reminded that :

- Only staff and contractors that have been trained and authorised by UK Power Networks are permitted to manage the connection and synchronisation of generators to the Live LV System
- Holding the competency to 'Connect a Generator to Dead LV System' does not allow for the connection of a generator to the Live LV System, nor for the synchronisation of a generator.
- HSS 40 026f Temporary Synchronisation of Generator (Zero Synch) mandates that leads and connections shall be inspected prior to use and that the leads are connected to the generator first.

**It is the responsibility of line management to ensure that all appropriate employees are issued with this Alert and their understanding of the contents is checked.
This Alert will be subject to compliance audits after 14 days from the date of issue.**

This printed document is valid at 21/12/18, check after this date for validity.

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An On-Site (Point of Work) Assessment shall be undertaken as required by HSS 40 026 Use of Temporary Generation, and the task should be discussed and understood by all parties prior to commencing work.

Only persons that hold the Competence:

- Authorised Person Manage: Generator Connection to Live LV System
- or
- Senior Authorised Person Manage: Work On and can demonstrate that they have been trained to manage the connection of generators to the Live LV System shall be permitted to manage the connection and synchronisation of generators.

As always, if you are in doubt about the extent of your competencies, or the work you are required to undertake STOP WORK AND SEEK FURTHER ASSISTANCE.

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