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Issue:	2.0
Date:	26 Aug 2008
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Level 3

3 phase high voltage outage management

Endorsement and Authorisation

Endorsed by:



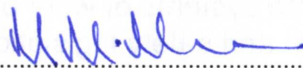
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Issue record

Issue	Date	Comments
1.0	April 2007	Initial issue
2.0	Aug 2008	Phase 2A / Engineering reorganisation responsibility change

Compliance

This Network Rail standard is mandatory and shall be complied with by Network Rail and its contractors if applicable from 26 August 2008.

When this standard is implemented, it is permissible for all projects that have formally completed GRIP Stage 4 to continue to comply with the Issue of any relevant Network Rail Standards current when GRIP Stage 4 was reached and not to comply with requirements contained herein, unless the designated Standard Owner has stipulated otherwise in the accompanying Briefing Note.

Reference documentation

NR/L3/MTC/EP/0037	<i>Review and commit planned work</i>
NR/L3/MTC/EP/0038	<i>Do maintenance task</i>
NR/L2/MTC/0056	<i>Specification for: Work and possession planning for the railway infrastructure (meetings management pack</i>
SMF/EP/0247/HVF1	<i>HV outage request form</i>

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1 Purpose

The purpose of this document is to define the roles and responsibilities in the planning and execution of maintenance activities on 3 phase high voltage electrical equipment to maintain supplies to the operational railway whilst traction power equipment is removed from service, and to enable Network Rail's contractual obligations to its electricity suppliers to be met.

2 Scope

This procedure applies to all pre-planned outages of equipment within Kent, Sussex and Wessex areas which form Network Rail's high voltage distribution system where such activities will require configuration of the system to enable the outage to be undertaken or where security of supply is affected.

This process applies to you if:

- You manage or supervise maintenance teams or technical support staff.
- You maintain or inspect equipment.
- You check or review maintenance work.
- You are responsible for planning maintenance.

This procedure excludes outages on any free-standing high voltage networks not monitored or controlled from an Electrical Control Room.

This procedure also excludes all isolations of overhead line or its associated equipment.

This shall exclude outages of rectifier transformers where the associated feeder cables or other equipment do not require to be switched out or isolated/earthed to achieve the outage.

SMP applies to:	Infrastructure Maintenance	Operational Property	Overhead Line Condition Renewals	Contractors
	✓			

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3 Roles and responsibilities

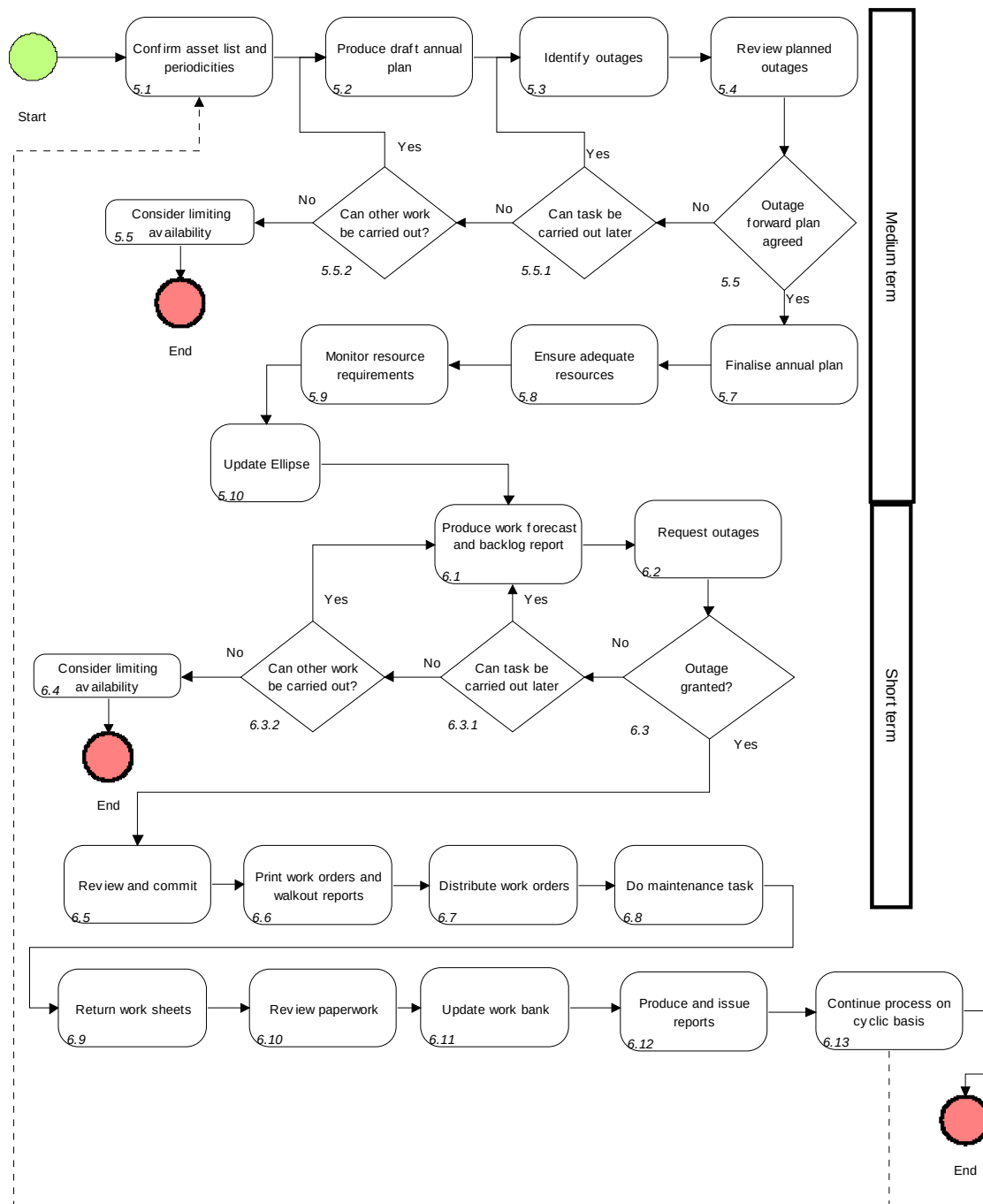


Figure 1 – Flowchart