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Status Report prepared under  
clause 7.12 of the Market Rules by  
System Management  
22 June 2010 – 21 September 2010

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## Table of Contents

1	INTRODUCTION	3
	1.1 System Management	3
	1.2 Status Report	3
2	ISSUANCE OF DISPATCH INSTRUCTIONS	3
3	NON-COMPLIANCE WITH DISPATCH INSTRUCTIONS	3
4	TRANSMISSION CONSTRAINTS	3
5	SHORTFALLS IN ANCILLARY SERVICES	4
6	INVOLUNTARY CURTAILMENT OF LOAD	4
7	HIGH RISK OPERATING STATE	4
8	EMERGENCY OPERATING STATE	4

# 1 Introduction

## 1.1 System Management

Western Power is established under section 4(1)(b) of the *Electricity Corporations Act 2005* and has the functions conferred under section 41 of that act.

Part 9 of the *Electricity Industry Act 2004* makes provision for a wholesale electricity market and provides for the establishment of Market Rules.

One of the core functions undertaken by Western Power is the management of the electricity transmission and distribution networks. Regulation 13 of the *Electricity Industry (Wholesale Electricity Market) Regulations 2004* provides that the Market Rules may confer on an entity the function of operating the SWIS in a secure and reliable manner.

Clause 2.2 of the *Wholesale Electricity Market Amending Rules (September 2006)* (**Market Rules**) confers this responsibility upon the segregated (“ring fenced”) business unit of Western Power known as System Management. Amongst these responsibilities, the functions of System Management are to:

- release information required by the Market Rules;
- monitor rule participants compliance with the Market Rules relating to dispatch and power system security and power system reliability; and
- provide regular reports to the IMO and other market participants.

Included in the requirement to monitor and report is this Status Report, described in clause 7.12 of the Market Rules.

## 1.2 Status Report

System Management has prepared this report pursuant to its obligations under clause 7.12 of the Market Rules, for the period 22 June 2010 to 21 September 2010.

# 2 Issuance of Dispatch Instructions

During the period, System Management issued a total of 8 Dispatch Instructions to Market Participants.

Of these, 0 were “minimum MW” instructions, 6 were “target MW” instructions, and 2 were instructions to return to the Resource Plan.

# 3 Non-compliance with Dispatch Instructions

No instances of non-compliance with Dispatch Instructions occurred.

# 4 Transmission constraints

A “transmission constraint” refers to the configuration of the transmission network that has an effect or potential effect of constraining or otherwise varying the output of a generator. The resultant situation has a generation facility either decrease output, or not increase output as it would if the constraint did not exist.

System Management has identified zero instances of potential or actual transmission constraints during the relevant period that meet the definition above. This does not include any potential or actual transmission constraints arising because of commercial decisions taken by market participants. This also does not include situations where a generator is unable to operate due to planned or unplanned Network outages.

## 5 Shortfalls in Ancillary Services

No instances of shortfalls in Ancillary Services occurred.

## 6 Involuntary curtailment of load

No instances of Involuntary Curtailment of load, requiring major rotational load shedding occurred.

## 7 High Risk Operating State

Four instances of a High Risk State occurred.

**1.** On 08 July 2010, a large generator tripped resulting in a frequency disturbance and a High Risk Operating State was called for intervals 20:2 to 21:1. No additional action was required.

**2.** On 08 July 2010, The High Risk Operating State was reinstated at 22:1 following continuing adverse weather conditions and the receipt by System Management of advice regarding reliability issues affecting a number of facilities. No additional actions were undertaken by System Management. The High Risk State was cancelled at interval 8:1 on 10 July 2010.

**3.** On 1 August 2010, due to insufficient overnight load a High Risk Operating State was called from intervals 2:2 to 7:2. System Management required a facility undergoing commissioning to make alterations to their intended commissioning plan. No additional action was required.

**4.** On 19 August 2010, due to the loss of SCADA a High Risk Operating State was called from intervals 10:2 until 13:1. The High Risk State was cancelled when SCADA was restored.

## 8 Emergency Operating State

No instances of an Emergency Operating State occurred.