

---

Status Report prepared under clause  
7.12 of the Market Rules by System  
Management

22 September 2010 – 21 December 2010

---



## 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 September 2010 to 21 December 2010.

# 2 Issuance of Dispatch Instructions

During the period, System Management issued a total of 68 Dispatch Instructions to Market Participants.

Of these, 16 were “minimum MW” instructions, 36 were “target MW” instructions, and 16 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

Two instances of a High Risk State occurred.

1. On 31 October 2010 at 10:22am a High Risk State was called due to the lack of visibility of a certain number of Independent Power Producers Resource Plans. No additional action was required by System Management. The High Risk state was cancelled on 01 November at 6.46am (Trading Day 31 October).
2. On 16 November 2010 (Trading Day 15 November) at 6.30am due to a high frequency load of 50:32Hz a High Risk State was called. The high frequency could be attributed to the load on the system combining with the ramping of Independent Power Producers. Two Dispatch Instructions were issued. The High Risk State was cancelled at 6.46am.

## 8 Emergency Operating State

No instances of an Emergency Operating State occurred.