



DETERMINATION OF THE MARKET SURVEILLANCE AND COMPLIANCE PANEL MSCP/2005/D13

Market Surveillance and Compliance Panel ("MSCP")

Mr Joseph Grimberg, Chair
Professor Lim Chin
Mr Lee Keh Sai
Mr TPB Menon

Date of Determination

11 April 2005

Party

Energy Market Company Pte Ltd ("EMC")

Subject

Failure to release real-time dispatch schedule for period 28 and short-term schedule for period 29 to the PSO on 12 July 2004

Applicable Rule(s) in the Singapore Electricity Market Rules

1. Section 9.2.1 of Chapter 6 provides that:

"The EMC, prior to the commencement of each dispatch period and in accordance with the market operations timetable, use the market clearing engine to determine for that period:

- 9.2.1.1 a real-time dispatch schedule, containing schedules of energy, reserve and regulation for registered facilities, to be released to the PSO, which in accordance with section 9.1.2 of Chapter 5 shall be deemed to constitute the dispatch instructions issued by the PSO to the applicable dispatch coordinators unless and until further dispatch instructions are issued by the PSO to a given dispatch coordinator pursuant to section 9.1.3 of Chapter 5 ..."

The market operation timetable in Appendix 6A of Chapter 6 provides for the EMC to release the real-time dispatch schedule to the PSO prior to 30 seconds before the commencement of the dispatch period.

2. Section 7.7.2A of Chapter 6 provides that:

"Not later than 25 minutes prior to the commencement of the first dispatch period of the short-term schedule referred to in section 7.4A, the EMC shall, for each dispatch period included in the short-term schedule:

7.7.2A.1 release to the dispatch coordinator for each registered facility the projected schedules for energy, regulation and reserve, by reserve class, for that registered facility;

7.7.2A.2 publish the information described in section 7.7.3; and

7.7.2A.3 communicate to the PSO the projected schedules for energy, regulation and reserve, by reserve class, for each registered facility, together with the information described in section 7.7.3, in accordance with the system operation manual and any applicable market manual."

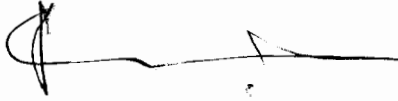
Facts and Circumstances

3. According to the EMC, the real-time dispatch schedule for period 28 and short-term schedule for period 29 on 12 July 2004 were processed and published on time but were not released to the PSO within the deadlines stipulated in the market rules due to IT problems.
4. A network problem occurred halfway through a scheduled Internet Operating Systems (IOS) upgrade for all network equipment in Ayer Rajah (where the production systems are located) starting at 1000hrs. The upgrade had been tested at the Disaster Recovery (DR) site in Labrador and the EMC did not encounter any problems during the testing.
5. As a result of the network problem, the EMC systems were unable to send the files containing the real-time dispatch schedule and short-term schedule to the PSO on time. After the occurrence of the incident, the EMC staff re-booted the network and the dispatch schedule and short-term schedule were sent to the PSO at 133107hrs and 134358hrs respectively.
6. This incident did not have a significant impact on the wholesale electricity markets.

Determination

7. On 25 November 2004, the MSCSP issued a letter informing the EMC that it considered that the EMC had prima facie breached sections 9.2.1.1 and 7.7.2A.3 of Chapter 6 of the Singapore Electricity Market Rules (the "market rules") and invited the EMC to make written representations. No written representations were received by the deadline stipulated.
8. The MSCSP determined on the basis of the facts referred to above that the EMC breached sections 9.2.1.1 and 7.7.2A.3 of Chapter 6 of the market rules.
9. However, the breaches were self-reported, rectified quickly and had no significant impact on the market.

10. Therefore, the MSCP determined that the appropriate enforcement action to be taken was to issue a letter of non-compliance to the EMC and to direct the EMC to pay costs, fixed at \$1,000.



Joseph Grimberg
Chair
Market Surveillance and Compliance Panel