

**DETERMINATION OF THE MARKET SURVEILLANCE AND COMPLIANCE PANEL  
MSCP/2008/D11**

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**Market Surveillance and Compliance Panel (“MSCP”)**

Mr Thean Lip Ping, Chair  
Professor Lim Chin  
Mr Lee Keh Sai  
Mr TPB Menon

**Date of Determination**

10 October 2008

**Party**

Energy Market Company Pte Ltd (“EMC”)

**Subject**

Failure to release and publish the short-term schedules on time for periods 27, 28 and 29 on 17 June 2008

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**Applicable Rule(s) in the Singapore Electricity Market Rules**

1. Section 7.7.2A of Chapter 6

“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.”

2. Section 7.7.3 of Chapter 6

“In accordance with sections 7.7.1, 7.7.2 and 7.7.2A, the EMC shall publish the following information for each dispatch period and for each market outlook scenario, pre-dispatch schedule scenario and short-term schedule:

- 7.7.3.1 the projected total load;
- 7.7.3.2 the projected transmission losses;
- 7.7.3.3 total reserve requirements by reserve class;
- 7.7.3.4 total regulation requirements;
- 7.7.3.5 projected energy prices associated with each market network node at which a generation registered facility or generation settlement facility is located....;
- 7.7.3.6 the projected uniform Singapore energy price....;
- 7.7.3.7 projected reserve prices for each reserve class and reserve provider group....;
- 7.7.3.8 projected regulation prices....;
- 7.7.3.9 any predicted system energy shortfalls;
- 7.7.3.10 any predicted system reserve shortfalls, by reserve class;
- 7.7.3.11 any predicted system regulation shortfalls; and
- 7.7.3.12 a list of security constraints and generation fixing constraints applied.”

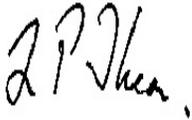
### **Facts and Circumstances**

3. Energy Market Company (“EMC”) made a self-report on 25 June 2008 that the short-term schedule for period 27, 28 and 29 on 17 June 2008 were not published by EMC according to the market rules.
4. According to EMC, it was notified of an issue with the short-term schedule display on its Trading Website at 1:30 pm on 17 June 2008.
5. EMC said its investigation showed that short-term schedules were not published at its Trading Website after 12:35 pm on 17 June 2008. EMC said that this incident was caused by the implementation of a planned system change request at 12:35 pm.
6. EMC took immediate remedial action and an urgent fix was rolled out at 2:05 pm to address the issue. To prevent a recurrence of the problem, EMC rolled back the entire system changes relating to the system change request.
7. Further investigation by EMC found that there was an issue with system change request that was not identified during system testing.
8. EMC said it would perform detailed investigation and re-testing of the change request before changes were rolled out to the NEMS Production system again.

### **Determination**

9. On 6 August 2008, the MSCP issued a letter informing EMC that it considered that EMC had prima facie breached section 7.7.2A of Chapter 6 of the Singapore Electricity Market Rules (the ‘market rules’) and invited EMC to make written representations.
10. On 18 August 2008, EMC submitted a letter with its written representations. EMC said that after re-testing the entire module system which had caused the system disruption, the system change request was rolled out successfully on 17 July 2008 without any problem.
11. After taking into consideration the written representations submitted, the MSCP determined that EMC breached section 7.7.2A of Chapter 6 of the market rules.

12. However, the breach was self-reported, inadvertent, rectified quickly and did not have a significant impact on the wholesale electricity markets.
13. Therefore, the MSCP determined that the appropriate action to be taken was to issue a letter of non-compliance to EMC and to direct EMC to pay costs, fixed at \$1,300.00.



Thean Lip Ping  
Chair, Market Surveillance and Compliance Panel