

## DETERMINATION OF THE MARKET SURVEILLANCE AND COMPLIANCE PANEL MSCP/2004/D15

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

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

### **Date of Determination**

14 September 2004

### **Party**

Energy Market Company Pte Ltd (“EMC”)

### **Subject**

Wrong standing data inputs

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

1. Section 4.4.8 of Chapter 6 provides that :

“Upon receiving valid standing capability data in respect of a registered facility and a specified set of dispatch periods from the PSO, and in accordance with the applicable market manual, the EMC shall create or update, as applicable, records of that standing capability data to be used by the market clearing engine.”

The applicable market manual is the Market Operations Market Manual (Standing Offers, Offer Variations and Standing Data).

### **Facts and Circumstances**

*Error discovered on 22 May 2003*

2. On 22 May 2003, the PSO notified the EMC that it had noticed a missing line from the load flow file that was sent to the PSO on 20 May 2003. Checks conducted by the EMC showed that the missing line was not captured in the market clearing engine due to a syntax error made in relation to the naming of the line when this data was created by the EMC in the market clearing engine. The standing capability data update was made based on a hardcopy standing data form received from the PSO.

3. The standing capability data was created before market start. Although there was a process in place to ensure that all data updated was checked and verified by the EMC's staff prior to market start, this error was overlooked.
4. According to the EMC, immediate action was taken to correct the error. The corrected data was made effective from 23 May 2003, 0:00hrs onwards. The EMC and the PSO also agreed that a load flow file would be sent to the PSO for verification whenever a standing capability data update is effected in the market clearing engine. The additional step would help both EMC and PSO to:
  - detect and rectify any standing capability data update error quickly; and
  - check on existing standing capability data and to rectify any errors discovered.

#### *Error discovered on 24 May 2003*

5. On 24 May 2003, the PSO notified the EMC that it had noticed another 3 lines missing from the load flow file that was sent to the PSO on 23 May 2003. Checks conducted by the EMC showed that the missing lines were also not captured in the market clearing engine due to syntax errors in the naming of the relevant lines.
6. This standing capability data was also created during the early stage of pre-market start where the EMC was getting used to updating the standing capability data directly into the market clearing engine.
7. The EMC rectified the errors immediately on 26 May 2003 and the corrected data was made effective from 27 May 2003, 0:00hrs onwards. The errors were picked up based on the new process that the EMC and the PSO had put in place since the discovery of the last input error incident on 22 May 2003 where the load flow file is sent to the PSO for verification each time a standing capability data update is effected. This is an indication that the new process is effective in helping both parties clean up their database and ensure that accurate information is being maintained within the market clearing engine.
8. There was no significant impact resulting from this incident.

#### **Determination**

9. On 2 April 2004, the MCSP issued a letter informing the EMC that it considered that the EMC had prima facie breached section 4.4.8 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.
10. The MSCP determined on the basis of the facts referred to above that the EMC breached section 4.4.8 of Chapter 6 of the market rules.
11. However, the breach was self-reported and had no significant impact on the market. The EMC had taken remedial actions to prevent this incident from recurring. There was also no indication that the EMC had not made a reasonable attempt to comply with the market rules.

12. Therefore, the MSCP determined that no enforcement action was to be taken. No costs will be imposed since this incident occurred prior to market start.

A handwritten signature in black ink, appearing to read 'Lim Chin', with a long horizontal stroke extending to the right.

Lim Chin  
for and on behalf of  
Chair, Market Surveillance and Compliance Panel