One of EMC’s flagship events, the annual EMC Golf Day, was held at the Sentosa Golf Club in October. This highly anticipated networking event saw good participation once again from market participants and other key stakeholders of the National Electricity Market of Singapore (NEMS).

This is the 13th year that EMC is organising the event, and I am pleased that we continue to receive positive feedback from our guests. I would like to take this opportunity to convey our appreciation again to our market participants and sponsors for their participation and support which undoubtedly contributed to the event’s success.

A major project that EMC has been working on is the Demand Response, Compensation and Penalty Project – which we call ‘DRCAP’ in short. The teams involved in this project have spent many late nights in the office, and we are delighted that Phase 1 involving the Automatic Financial Penalty Scheme (AFPS) and the Modelling of Minimum Stable Load (MSL) is on track for implementation in November.

In the wholesale electricity market, the monthly average Uniform Singapore Energy Price (USEP) reached its lowest level to date this year in October, at $68/MWh. This was due to an abundant supply which drove the supply cushion up to a new high in the same month. Also in October, a new Generation Settlement Facility (GSF) registered in the NEMS brought the total registered capacity of GSFs to 40.672MW.

Finally, EMC also participated in two industry-wide crisis exercises in October. Exercises like these are critical in ensuring that we remain vigilant and prepared at all times to manage any power system crisis.

The past two months have indeed been eventful. I look forward to two more months of successful trading in the NEMS as we approach the end of the year and the festive season.

Toh Seong Wah
Chief Executive Officer

---

DEMAND RESPONSE, COMPENSATION AND PENALTY PROJECT (DRCAP) – AN UPDATE

After many months of hard work, we are pleased to provide an update on the DRCAP.

The implementation date for the Automatic Financial Penalty Scheme (AFPS) and the Modelling of Minimum Stable Load (MSL) was postponed from August to November this year, following some changes to the formulas for the AFPS made by the Energy Market Authority.

In the lead up to the system rollout, EMC has conducted a series of training and testing for market participants between early October and early November. We are pleased to announce that the project is on track for implementation on 17 November.
EMC GOLF DAY 2015 – ANOTHER YEAR OF GOLFING, NETWORKING AND REAFFIRMING FRIENDSHIPS

On 20 October, EMC hosted the 13th annual Golf Day for guests from Singapore’s electricity industry.

The event at the Sentosa Golf Club was well-attended by close to 50 golfers and 130 dinner guests. Guests included board members, CEOs, senior management and other key stakeholders of the National Electricity Market of Singapore (NEMS).

Despite concerns about the haze, we were fortunate to have good weather on the day of the event. With the PSI in the ‘moderate’ range, golfers vying for the EMC Challenge Trophy were able to complete all 18 holes at the beautiful Serapong Course.

We also organised a golf clinic for novice golfers, which again saw a great response this year. Close to 30 participants attended the two-hour clinic that was conducted by three golf pros.

The event culminated with a dinner in the evening, when we were joined by more industry guests who came to network. The highly anticipated prize presentations for the winning golf teams and lucky draw were again the highlight of the evening’s programme. A total of 29 lucky draw prizes – comprising the latest electronic gadgets from Samsung, Apple and Microsoft, coffee machines and shopping vouchers – were up for grabs this year.

We would like to thank our sponsors for their support of the event – Orange Business Services, OpenLink, SingTel, Power Systems Consultants, EMC Computer Systems, Acme Associates, OCBC and Rajah & Tann. The EMC Golf Day would not have been possible or nearly as enjoyable without their generosity.

We would also like to extend our special thanks to our industry sponsors – CPvT Energy Asia, Diamond Energy, Hyflux, Keppel Infrastructure, PacificLight, Sembcorp, Senoko Energy, Singapore LNG Corporation, SP Services, Sunseap Group and YTL PowerSeraya for their contributions to the novelty hole prizes, lucky draw prizes, food-at-hole stations and goodie bags.

Finally, we thank all our guests for making this event a success. We look forward to hosting you again next year.
The supply cushion increased from August to October after falling below 27 percent in July. It reached a new high for the year in October at 31.5 percent. The increase in supply cushion between August and October reflected the abundant supply seen in these three months. As a result, the monthly average Uniform Singapore Energy Price (USEP) reached its lowest for the year to date in October, at $68/MWh.

**Exercise Epsilon**

The industry-wide Exercise Epsilon tests the activation and recall of essential personnel during a power system crisis. EMC’s essential personnel successfully responded back to our ‘command centre’ within the required timeline set by the Energy Market Authority (EMA).

In conjunction with Exercise Epsilon, EMC also activated our internal, company-wide call activation process. The purpose of this is to ensure that EMC maintains up-to-date contact information of all staff, and to evaluate EMC’s preparedness with regard to information dissemination in the event of a critical situation.

**Exercise Jaguar**

Exercise Jaguar is also an industry-wide exercise conducted by the EMA annually. During this desktop exercise, EMC analysed the scenarios and injects from the EMA, and provided our response and recovery plans. These response and recovery plans covered areas like public and stakeholder communication, market operations and IT operations.

**MARKET UPDATE**

**October’s USEP eases to a new low for the year**

The supply cushion increased from August to October after falling below 27 percent in July. It reached a new high for the year in October at 31.5 percent. The increase in supply cushion between August and October reflected the abundant supply seen in these three months. As a result, the monthly average Uniform Singapore Energy Price (USEP) reached its lowest for the year to date in October, at $68/MWh.

**NEW ENTRANTS TO THE NEMS**

**New Generation Settlement Facility (GSF) Registered in the National Electricity Market of Singapore (NEMS)**

Eco Special Waste Management registered its first GSF on 15 October, with a generation capacity of 1.48MW. This brings the total registered capacity of GSFs in the NEMS to 40.672MW. Eco Special Waste Management joined the NEMS in October 2013 as a wholesale market trader.
The bi-monthly MSUG forum was held on 15 October. EMC IT updated attendees on the following topics:

- Overview of NEMS systems availability year-to-date for FY 15/16;
- Overview of NEMS systems service desk calls received between September 2014 and September 2015;
- Overview of Change Releases that occurred between September 2014 and September 2015;
- Upcoming planned Disaster Recovery Exercise in November 2015;
- Migration of EMC corporate website www.emcsg.com SSL certificate to SHA-2 hashing algorithm;

Kevin Fong from the Market Operations team hosted the 83rd session of the MISF on 10 September. Kevin opened the forum with a summary of the market’s performance in July and August. He also provided an update on the status of current system enhancements and on-going projects. Feature topics covered included July’s price spikes as well as an overview of the changes in security constraints.

The next MISF is scheduled for 12 November and will be presented by Bai Jie from the Market Operations team. Market participants who are interested in presenting at future MISFs are encouraged to come forward.

The next MSUG forum is tentatively scheduled for Thursday, 17 December.

EMC will be holding the next run of its two-day course Understanding Electricity Markets on 18 and 19 February 2016. Our staff will be conducting six sessions covering the following topics:

- Understanding Electricity
- Why Reform and Regulation is Essential in the Electricity Industry
- The National Electricity Market of Singapore and its Unique Features
- Pricing Mechanism and Economic Dispatch
- Settlement
- How Consumers can Influence Electricity Markets

The course dates for 2016 are as follows:
- 18-19 February 2016
- 12-13 May 2016
- 18-19 August 2016
- 10-11 November 2016

We advise you to book early to secure your place in the course date of your choice, and benefit from our early-bird discount.

Further details on the programme and on how to register are on our website, www.emcsg.com. For enquiries, please e-mail trainingprogramme@emcsg.com or contact Jan Lee at +65 6779 3000.