

Technical Seminar: An environmental way to tackle the voltage dip problem and solutions

By Ir Kelvin Tang

The seminar was jointly organized by HKIE - Environmental Division, Control, Automation & Instrumentation Division, and the Associate Members Committee which was held on 27 Jun 2016 with receiving overwhelming responses from the members. The seminar opened with a welcoming address by Ir Kelvin Tang, the Deputy Chairman of Environmental Division (2016-17). He also introduced the background of the speaker, Mr. Javier Ferrer, the JEC partner - Zigor HK Ltd. and the aim of the seminar to all participants.

Recently, four separate voltage dip incidents occurred between April and June 2016, the sudden decrease in voltage disabled lifts and passengers were trapped until power was restored or the doors were opened manually. These incidents had drawn attention from the public; hence, engineers are more concern on the voltage-dip issue in the industry. These incidents have shed light on a problem and urge to find a solution is now of the utmost priority. The problem of voltage dips is capable of bringing entire production lines to a halt, causing huge losses of data and so on. The proposed advanced technology of voltage dip restorer can tackle this problem in both an efficient and environmentally friendly manner. The speaker explained the consequences and solutions of common power issues with some case studies. He identified the differences between the voltage stabilizers, static UPS and voltage dip restorer, and illustrated how a voltage dip restorer could provide a green and efficient solution. It is clear that the solution proposed will continue to gain popularity in the coming years. Finally, the seminar ended with an interactive question-and-answer session.

Last but not least, on behalf of EV Division, we would like to express our sincere thanks to everyone including the speaker, Mr. Javier Ferrer, our committee members, helpers for their contribution to this seminar.



Group photo: Ir Kelvin Tang presenting souvenir to the speaker, Mr. Javier Ferrer (right 3rd) with the committee members and helpers.