

Technical Talk

Technical consideration and impact of Underground Cables on Power Transmission and Distribution Network

By

Professor Akhtar Kalam

Date: 13 June 2008, 3pm

Venue: Faculty of Electrical Engineering, Universiti Teknologi MARA, Shah Alam

Synopsis

The presentation started with a historical review of the trend in moving overhead lines to underground cables in the Victorian power network. Then it reviewed the cable technology such as the well established XLPE type. Then it presented the state of the art technology of High Temperature Superconductive (HTS) cables. The contribution of new applications of novel technologies (e.g. new type of XLPE and HTS Cables), equipments, methodologies and trends used in the underground cabling was demonstrated. A good mix of audience turned-up making the total of 35 people, 15 from the industry and the rest from universities.



Prof. Akhtar Kalam delivering his talk



Audience enjoying the talk