

CIGRE PARIS SESSION 2016

Technical Exhibition Highlights:

- 5 days
- 249 exhibitors
- 8 500 Specialists (3 290 delegates)
- 93 countries represented
- 3 levels – 13 680 sqm



Strong focus on sustainable alternatives to SF6

- Siemens exhibited for the first time, high voltage interrupters and gas-insulated switchgear using vacuum technology and so-called clean-air technology up to a voltage of 145 kV. A vacuum interrupter unit performs the switching and arc extinguishing activities. And a processed and purified air with a mixing ratio of 80 percent nitrogen to 20 percent oxygen – ‘clean air’ – provides the insulation for the current-carrying conductors inside the housing of the metal-encapsulated, gas-insulated switchgear (GIS).



- GEs exhibited their new SF₆ replacement gas technology – g³. g³ has 98% less impact on global warming than SF₆ with performances comparable to SF₆. Current installations in Europe include a 420kV and a 245kV bus bar application.

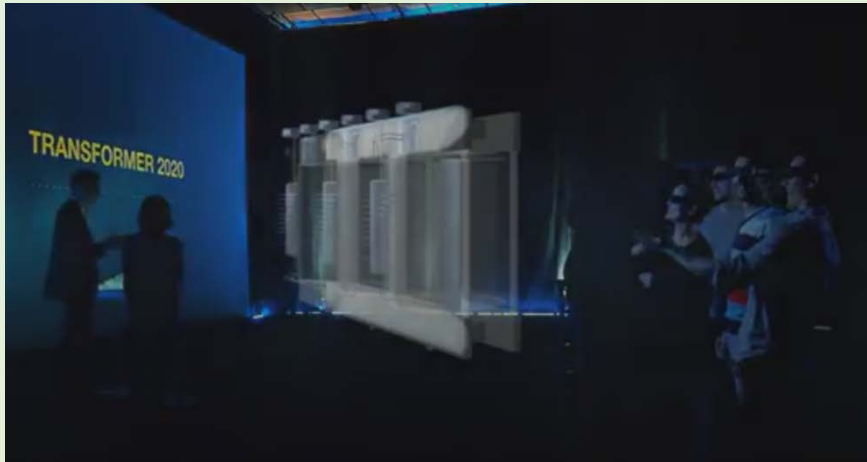


Virtual Reality Tools for Substation and Equipment Design

- RTE exhibited how they are utilising VR tools for substation design. NGN Member Tara-Lee MacArther trying out a virtual substation tour.



- A collaboration between HSP, MR, NYNANS AB, OMICRON and PFISTERER exhibited a VR display of the transformer of 2020, being an innovative study of the crucial components of power transformers.

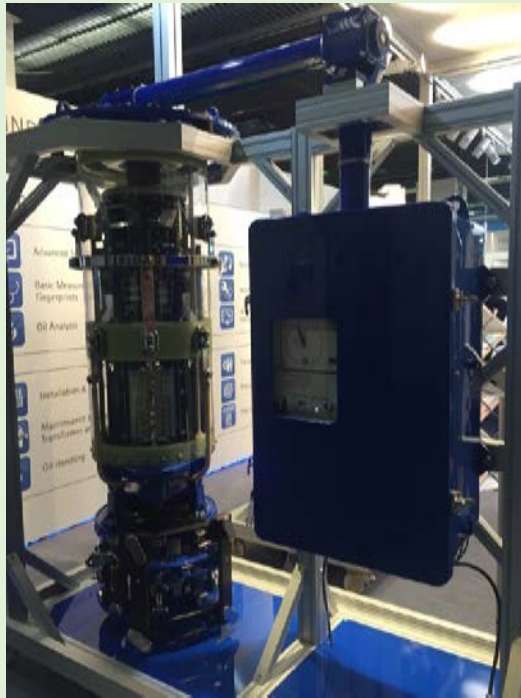


New models of Equipment

- Artech exhibited their combined instrument transformers. Model shown: voltages up to 245kV, and currents up to 4800A.



- MR Tapchangers



- Numerous manufacturers exhibited a wide range of HVAC and HVDC Cable options.



Secondary System Equipment

- SecuControl exhibited test switch and test block solutions to aid in the safety, ease and efficiency of field testing secondary systems equipment.



Young Members Stand

- Australian NGN members hosting the young members stand in the heart of the exhibition.



