

Table of Contents

Corrosive sulphur risk assessment and mitigation techniques	
Dr. Jelena Lukic, Institut Nikola Tesla	
How smart is the grid if the infrastructure is stupid?	
Jeffrey Golarz, LumaSense Technologies	
Bushing fleet management	
Daniel Egger, ABB and Brendan Diggin, ESB International	
Efficiency through maintenance	
Dr. Jens Lambrecht, Wacker Chemie	
A generation utility's recent operational experiences	
Ami Singh, Genesis Energy	
Monitoring of a distribution transformer at Winchelsea substation	
Dr Viorel Badicu & Dr Wonjciech Koltunowicz, OMICRON Energy Solutions	
Fast tank depressurization	
Frederic Vaudaine, Sergi France	
Quantifying the economic benefits of online monitoring	
Dr. Paul Blackmore, EA Technology	
Transformer oil moisture and dielectric strength	
Jukka Leppänen, Vaisala	
International performance benchmarking of transformer oil	
Philippe Reboul, Hydrodec Australia	
Comparison of performance among different insulating fluids for transformers	
Linnea Bergeld, Nynas	
Transformer fire safety practices	
Arne Petersen, AP Consulting	

Field testing of high voltage assets Dr. Mario Jochim - Highvolt
New natural ester dielectric liquids for transformer and other HV apparatus Dr. Valery Davydov, Transformer Consultant
The condition monitoring maze Kerry Williams, Western Power
Using pattern recognition techniques to determine power transformer health Dr. Dan Martin, University of Queensland
A new approach to identify power transformer criticality using DGA Dr. Ahmed Abu-Siada, Curtin University
On-site diagnostics of transformers – case studies Dr. Michael Krüger, OMICRON electronics
A manufacturer’s view of bushing reliability, testing and analysis Lars Jonsson, ABB