

TOPIC 4 - LOW CARBON ENERGY GENERATION OPTIONS - DAY 4

Friday, 30 October 2015
Conference Room, Nuclear Fuel Cycle Royal Commission
Level 5, 50 Grenfell Street, Adelaide SA 5000

Dr Eric Loewen, GE Hitachi (US) (8am via video-link)

Dr Loewen is the Chief Consulting Engineer at GE Hitachi Nuclear Energy (GEH), where his current work is focused on development of GEH's PRISM reactor, a small modular reactor designed to recycle spent nuclear fuel. Dr Loewen served as President of the American Nuclear Society from June 2011 to June 2012. He obtained his Masters in Nuclear Engineering and PhD in Engineering Physics at the University of Wisconsin-Madison.

Topics to be addressed at this public session:

- ⊕ Technical overview of the PRISM reactor design
- ⊕ Key features of GE Hitachi's Advanced Recycling Centre design
- ⊕ Estimated timeframes and potential challenges to commercial deployment.