

Presentation # 18

Presenter: Jamie Peralta, BC Hydro and Tom Gutwin, BC Hydro

Title: Customer-Based Reliability

Biography

Jaime Peralta received his B.Sc. degree in electrical engineering from the University of Chile in 1994 and his M.A.Sc. from École Polytechnique de Montréal in 2007. He is currently pursuing his PhD at the same university. After receiving his B.Sc. he joined the company Chilquinta in Valparaiso, Chile, where he worked as T&D Planning Engineer. He also held the position of Planning Chief Engineer at Chilquinta. From 2006 to 2008 he worked as Power System Engineer at CYME International in Montreal, Canada. He is currently working as Asset Management Planning Leader at BC Hydro, Vancouver, Canada. His area of expertise is transmission and distribution planning and the integration of distributed generation. Jaime is a registered Professional Engineer in the province of British Columbia.

Tom Gutwin graduated from the University of Saskatchewan in 1991 with two degrees: a Bachelor of Engineering and a Bachelor of Science in computer science. He began working at BChydro in the System Reliability Department at BChydro in 1991 and focused specifically on reliability and risk management items for regional, station, and transmission issues. In 1997 he refocused his attention to Telecom, by joining the telecom services group to work on the BChydro lower mainland mobile radio system rebuild and later joined the group as a telecom system planner. In 2000, Tom left BChydro to work at an external telecom test and measurement company which led to him consulting under his own proprietorship. He joined the British Columbia Transmission Corporation as the Regional Transmission Planner for the Fraser Valley and in 2005 was attracted back to BChydro to work as a Reliability Specialist for Distribution Planning.