

Challenges of Power Generation in the Canadian North

Peter Lang
President, Dunedin Energy Systems Ltd.

Abstract

Extreme isolation, costly and complex logistics, and severe climate are just a few of the extraordinary factors that make power and heat generation a difficult, costly and yet absolutely essential service in northern and arctic Canada. Where an unplanned outage can quickly turn into a life threatening community emergency or major production shut-down, reliability is an absolute must – whatever the cost.

This presentation will discuss some of the many exceptional challenges that face power generation in the north, and how the limitations of the current technology employed impedes its customers and indeed all of the north from achieving its full potential.