Abstract

Three large and unique pipeline projects are under construction or have recently been completed. The 55” pipeline at Kona, Hawaii is the world's largest and deepest cold seawater intake pipeline. Cornell University's Lake Source Cooling Project is the nation's largest natural cold water air conditioning system, and much of downtown Toronto will be air conditioned using renewable assets when Toronto's Deep Lake Water Cooling project is completed. All these pipelines are constructed of solid-wall high density polyethylene and were designed by Makai Ocean Engineering, Inc. of Waimanalo, Hawaii.

This seminar will describe these three projects and discuss how the pipelines were designed and installed.