

# DAILY COMMERCIAL NEWS

## AND CONSTRUCTION RECORD

November 21, 2007

### Alderney 5 Advanced Geothermal Energy Project gets underway in Dartmouth

HALIFAX

City officials are celebrating the start of construction on the Alderney 5 Advanced Geothermal Energy Project in Dartmouth.

The project is a \$3 million energy-efficiency retrofit of five buildings on the Dartmouth waterfront, all owned by the Halifax Regional Municipality. The project, which received \$1 million in federal funding, will save an estimated \$250,000 per year in energy costs.

The project is one of the first large-scale applications of geothermal cold-energy storage anywhere in the world. The system will eliminate the need for a supplementary cooling system by harvesting cold energy from seawater during winter months to chill an underground rock mass and then using the stored energy to meet peak air conditioning needs in warmer months.

DCN NEWS SERVICES

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