

OTHER VIM APPLICATIONS

Deep Mine Cooling

AngloGold Ashanti, one of the biggest gold mines in South Africa, and a repeat client of IDE, has been using the VIM for deep mine cooling for more than a decade. Total of 9 units: The first two units were installed in 1995, followed by the installation of four additional units. Latest 3 units were commissioned in 2009 demonstrating the high efficiency, reliability, and availability of the VIM technology.

Total installation: 7,650 Tons in nine units of 850 Tons each.

Ski Resort Snow Making

VIM produces high volumes of high quality snow at all ambient air temperatures, addressing ski resort needs to produce snow at all times. The technology was introduced to the European ski industry in 2006.

First two units were commissioned in 2008 at leading ski resorts in Austria and Switzerland, totaling 800 Tons.



IDE Technologies is a pioneer and world leader in the development, design and construction of sea water desalination, water treatment and refrigeration plants. Active since 1965, we have 400 installations in over 40 countries worldwide.



SWRO Plant, Ashkelon, Israel



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Energy Efficient Vacuum Ice Maker (VIM) Using Water as Refrigerant

Applications:

- Thermal Energy Storage (TES)
- Heat Pump for Heating
- Deep Mine Cooling
- Snow Making
- Industrial Refrigeration



