

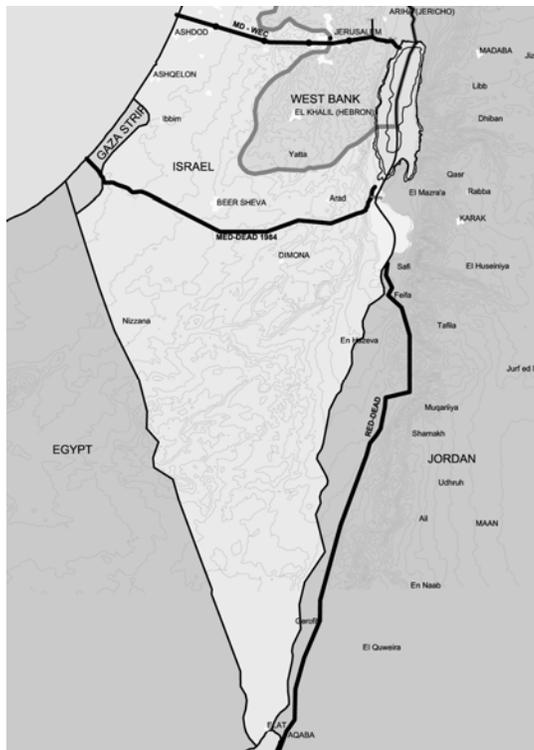
BULLETIN

News from SubTerra, Inc.®

MD-WEC Mediterranean to Dead Sea - Water and Energy Conduit

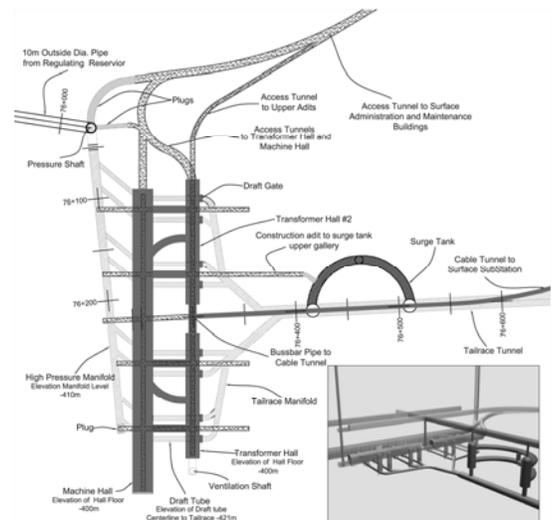
SubTerra, Inc. completed the pre-feasibility study for this \$4.2 billion project that will route up to 15.5 million cubic meters (4 billion gallons) per day of seawater from the Mediterranean Sea to the Dead Sea through a 70 km long tunnel and 1,600 MW underground power house. The project includes pipelines of varying diameters (9 m by 70 km; 5 m by 6.5 km; 5 m by 30 km; 4 m by 4 km) along with large concrete structures, intake towers, several rock fill dams up to 10 MCM; and a \$700 million underground powerhouse (see Technical Paper ITA 2010).

The proposed MD-WEC route is the upper route shown in the figure below.



Mediterranean Seawater will be used to refill the Dead Sea, to produce power,

and for desalination. It is planned that seawater will be routed to desalination plants below Ramallah, in the West Bank, and below Amman in Jordan.



The Mediterranean Sea to Dead Sea – Water and Energy Conduit (MD-WEC) will benefit the region by providing:

- 1) A new water supply for both drinking and irrigation;
- 2) A new electrical power supply;
- 3) Infrastructure (roads, dams, and wastewater disposal);
- 4) New job opportunities;
- 5) Natural resource protection; and
- 6) Restoration of the historic seawater levels in the Dead Sea.

Additionally, the MD-WEC will provide mutual long term benefits for all participants with increased eco-tourism, cultural heritage site preservation and water and power for households, industry and agriculture.