Ensure high quality water is delivered where it is needed at minimum cost.
AQUADVANCED™ ENERGY offers a proven real-time optimization system for water distribution, bringing down energy costs while maximizing operational performance, water quality and energy efficiency leading to an improved environmental footprint.

**THE ADVANTAGES FOR YOU**

- **REDUCE** operational costs
- **ENSURE** consistent operational efficiency and water security 24 hours a day
- **OPERATE** pumps at best efficiency points
- **IMPROVE** water quality
- **PROVIDE** enhanced decision support

**INNOVATION**

AQUADVANCED™ ENERGY for sustainable water distribution

- Choosing the right time: schedules pumping to take advantage of lower electricity time-of-day tariffs and peak demand charges.
- Optimizing pump efficiency: operates pumps at more efficient points using less energy and a reduced carbon footprint.
- Improving water quality: increases water turnover, decreases water aging, enforces water quality policies.
- Ensuring operational efficiency and water delivery: maintains consistency and reliability of operations through an automated system controlling water distribution 24/7.
- Improving strategic decision making: simulates and compares multiple operating scenarios with differing operational and economic constraints.

**MAIN REFERENCES**

- **Eastern Municipal Water District, USA**
  700,000 inhabitants supplied with drinking water, 11% energy cost saving or $300K annual savings, 540 tonnes of annual GHG reduction.
- **Peel Region, Ontario, Canada**
  1.3 million inhabitants supplied with drinking water, 10% energy cost saving or $1.6M annual savings, 5,600 tonnes of annual GHG reduction.
- **Greater Wellington Regional Council, New Zealand**
  400,000 inhabitants supplied with drinking water, 10% energy cost saving.
- **El Paso Water Utilities, Texas, USA**
  10% energy cost saving or $620K annual savings, 1,700 tonnes of annual GHG reduction.
- **Essex & Suffolk Water, UK**
  1.5 million inhabitants supplied with drinking water, 15% energy cost saving or £372K annual savings, 1,460 tonnes of annual GHG reduction.
- **Consorci d’Aigües de Tarragona, Spain**
  660,000 inhabitants supplied with drinking water, 15% energy cost saving or €830k annual savings.

**AQUADVANCED™ ENERGY**

FORMERLY DERCETO AQUADAPT

find out more at aquadvancedenergy.com