



AQUADVANCED™ ENERGY

Proven real-time energy management
system for water distribution



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

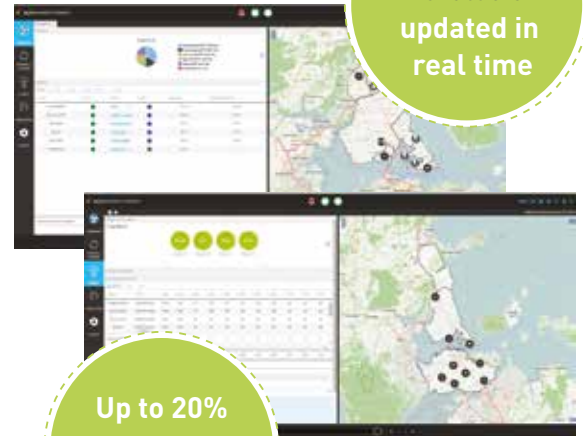


Fully automatic operations
24/7

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.



Water demand forecasts updated in real time

Up to 20% energy cost savings

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, 1460 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