safe - reliable - cooling water reuse

Apogee*

the pinnacle of cooling water technology

ready for the resource revolution
how the Apogee solution works

Water from the tower blow-down is filtered and purified \( B \). This purified blow-down water is returned to the tower for repeated use and a concentrated blow-down is discharged in the normal fashion \( C \). SUEZ’s monitoring and controls ensure the water system chemistry optimize asset protection and minimize waste. Apogee combines the following SUEZ state-of-the-art technologies in an integrated solution to achieve the pinnacle of cooling water performance:

- ZeeWeed* hollow-fiber ultrafiltration
- Low fouling SUEZ reverse osmosis
- GenGard* sensible and chlorine stable chemistry
- TrueSense* online sensor
- Water analytics
- Remote monitoring
- Wireless communication
- Water recycling and reuse
- Performance and cost reports

Apogee has the ability to:

- lower water costs by up to 25 percent
- help achieve higher LEED certification
- increase legionella control compliance
- decrease operating costs and energy demand
- provide ongoing quality assurance via reliable remote monitoring

All in a single economic and technology package.

helping cut costs and water demand

We understand the need to do more with less. While water demand and related water costs can be minimized by optimizing chemistry or water purification upstream of a cooling tower, these conventional solutions can be expensive and difficult to install due to their large footprint and utility requirements.

New lower quality or impaired makeup waters such as reclaimed industrial or municipal effluent (“purple pipe” water) may offer lower cost to attain, but often require higher operating technology to be used successfully. The Apogee solution can make using these waters viable.
Find a contact near you by visiting www.suezwatertechnologies.com and clicking on "Contact Us."

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