

# Peroxide UltraPure™ Onsite Generation

Circular cooling tower water treatment with GOgen® for **cooling towers, data centers and process water.**



 **Autonomous**

 **Safe**

 **Sustainable**

## Chemical Input-free Water Treatment in Cooling Water Loops and Process Water Lines

Closed-loop water systems recirculate water, creating conditions conducive to pathogen growth and bio-film buildup, especially in industrial process water lines.

GOgen® introduces a sustainable way to protect the water system by generating Peroxide UltraPure™ onsite, without any chemicals and at a safe concentration. Peroxide UltraPure™ is then injected into the water lines as a powerful water treatment agent.

GOgen® enhances occupational safety, eliminates chemical inputs to the facility and there are no harmful residues after the process – only water and oxygen.



GOgen® utilizes only water and electricity as inputs to generate Peroxide UltraPure™ at a safe concentration of up to 1%. The solution is temporarily stored in a buffer tank and dosed into treated water systems at ppm-level concentrations.

The buffer tank is automatically refilled based on actual system demand, and remote monitoring of output concentration and key parameters enables process control and preventive maintenance without onsite presence.

- 💧 Sustainable – only water and oxygen as byproducts
- 💧 Safe – no handling of chemicals

- 💧 No chemical inputs – only water and electricity
- 💧 Compatible with a broad range of materials