

# Be Green - Save Water – Eliminate Scale Reduce Your Water and Energy Costs!

MB 0411



A 500 ton thermal load operated at 3 cycles of concentration (COC) will blowdown to sewer 2,422,688 gallons per year.

Converting this system to a patented\* **SofTek™** water treatment program increases COC to 8, reducing blowdown to just 692,196 gallons per year saving:

**1,730,492 gallons of water per year**

Do you currently have hard water scale problems? Is scale in your condensers increasing your energy bills? Did you know that just 0.015 inch of scale increases chiller energy use by 12.5%, which on a 500 ton thermal load increases the energy bill by over \$36,000 per year?

**Eliminate scale, save big energy cost \$**

**SofTek** by ProChemTech totally eliminates hard water scale formation.

## Reduce Water and Sewer Costs

You pay for every gallon of cooling tower blowdown twice, once when you buy the water, second when blowdown is discharged to the sewer. On a 500 ton thermal load going from 3 COC to an 8 COC **SofTek** water treatment program reduces water purchases by 23.8% and blowdown by 71.4%.



**Scale Free Cooling Tower Basin**

**SofTek** is the use of softened makeup water combined with a specialized corrosion inhibitor program to make normally highly corrosive cycled soft water less corrosive than cycled hard water.

**We provide complete SofTek packages: softeners, control equipment, and soft water chemistry: everything from one supplier, for any size or use cooling tower. Cut your water and energy use today and eliminate scale; contact us by phone or e-mail**

**ProChemTech International, Inc.**  
**“Innovation in Water Management”**

Apache Junction, AZ and Brockway, PA

**814-265-0959**

**www.prochemtech.com**

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