CASE STUDY:
POWER PLANT SUCCESS STORY

LOCATION: Pacific Northwest
APPLICATION: Scale, Bacteria, Algae, and Chemical Reduction
SITE DETAILS: 248 Megawatt Combined-Cycle Generation Power Plant

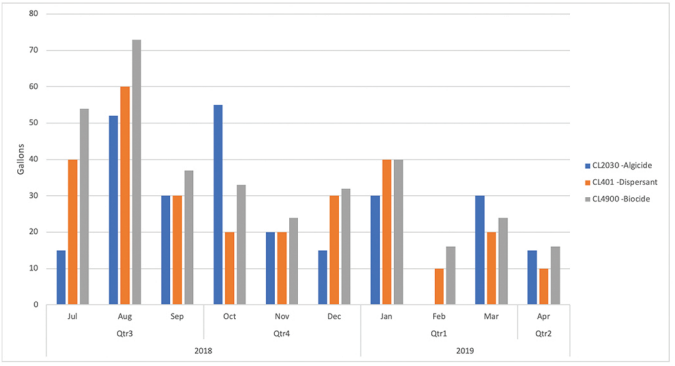
SYSTEM OVERVIEW

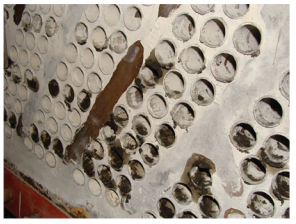
- Plant capacity: 248 Megawatts
- Flow rate: 75,000 GPM (cooling system)
- Challenges: silica scale, high biological growth, algae blooms, strict discharge limits

RESULTS

- **Reduced overall chemical usage by over 50%**
- **Achieved annual six-figure savings**
- **Eliminated silica inhibitor after three months**
- **Prevented additional scale buildup on condenser**
- **Reduced maintenance labor hours**
- **Reduced bacteria counts by over 90%**
- **Reduced biocides by 50%**
- **Extended algaecide treatment from every eight days to every 20 days**

Actual Chemical Usage





BEFORE FLOW-TECH

WITH FLOW-TECH

ACHIEVE OPERATIONAL EXCELLENCE IN YOUR FACILITY

Join thousands of operators across the country optimizing their water treatment programs with Flow-Tech. Unlock massive savings in your operation.

BEFORE FLOW-TECH

WITH FLOW-TECH