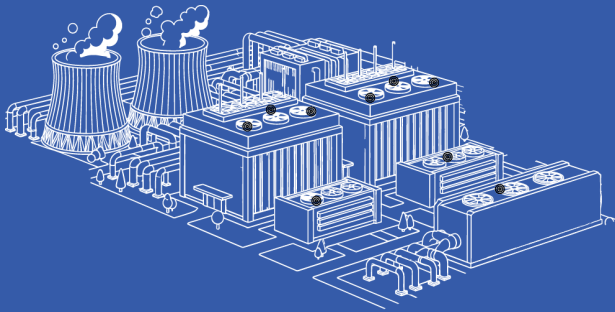


Your cooling tower is costing you more than you think.



40%
Energy
savings

\$500K+
Annual profit
increase

4M+ GAL
Water saved
per year

\$1M+
Capex
avoidance

Most facilities lose 20–40% of cooling efficiency without knowing it. GraceSense™ IIoT sensors and TowerPulse™ AI by Infinite Cooling combine into a complete turnkey system that monitors your cooling towers in real time, diagnoses performance loss down to the dollar, and gives your team step-by-step recommendations they can act on immediately. No wiring. No shutdown. First insights in 30 days.

“Every cooling tower we have ever assessed was underperforming. Not because of poor design — because without real-time intelligence, there is no way to know what is wrong.”

— Infinite Cooling, based on 50+ site assessments

GRACESENSE™ IIOT WIRELESS SENSORS

Simple Installation. No shutdown required. First insights in 30 days.

- Full visibility into tower conditions.
- Built for the harshest industrial environments.
- Real-time dashboard your maintenance team will actually use.
- Connects to your existing PLC, SCADA and CMMS.



TOWERPULSE™ PHYSICS-INFORMED AI

Real-time scoring. Instant alerts. Dollar-quantified results.

- Continuous performance scoring.
- Early warning before failures occur.
- Issues quantified in dollars, kilowatt-hours, and gallons.
- Targeted recommendations for operations and maintenance teams.

CASE STUDIES



FOOD & BEVERAGE

Bottling Plant, Arizona

- \$1M+ capital upgrade avoided
- 40% reduction in energy costs
- \$165K in opex savings per year
- Payback in less than 3 months



POWER GENERATION

620MW CCGT Plant, Midwest

- \$500K+ profit increase per year
- 4M+ gal of water saved
- 7,000 tons of CO₂ avoided
- ROI in weeks



CHILLER PLANT

Industrial Chiller Facility

- \$100K maintenance cost reduction
- Hot starts eliminated
- Equipment lifespan extended
- Higher uptime and reliability

HOW IT WORKS

Simple Installation. First Insights in 30 days.

MONITOR

Wireless sensors with simple installation. No wiring, no shutdown. Streams real-time data while continuously monitoring:

- Temperature & flow
- Humidity / wet-bulb
- Fan speed & power

DIAGNOSE

TowerPulse™ AI compares your live data against a digital twin of your tower and tells you exactly what every issue is costing you.

- Efficiency score
- Anomaly alerts
- \$ / kWh / gallon impact

OPTIMIZE

Your team gets a step-by-step action plan. No guesswork, just clear priorities with the dollar value of every fix.

- Immediate no-cost fixes
- Priorities ranked by impact
- Track savings in real dollars

TowerPulse™ scores your tower continuously. Every point below 100% costs you money.

CAPABILITY SCORE

Measures how much heat your tower can reject. A low score means lost production.

EFFICIENCY SCORE

Are your fans and pumps running efficiently? If not, you're wasting energy.

MAINTENANCE SCORE

Early detection of fill, nozzle, and mechanical issues before they become failures.

WATER USE INDEX

Tracks evaporation, blowdown, and leaks so you know exactly where water is being lost.

Ready to unlock your cooling tower's hidden performance?

1 Get your ROI estimate

See your savings potential in minutes.

2 Talk to a specialist

Schedule a 30-min call about your facility.

3 Start your pilot

Try it risk-free. Insights in 30 days.



See what your tower's hiding.
Scan for your free ROI estimate.