



TOP THREATS TO LIFT STATIONS


1 Lift Station Pump Failures



23,000-75,000
sanitary sewer overflows (SSOs) per year in the U.S.¹




41% of failures attributed to clogs and blockages²




\$30,467
in additional operating costs caused by wipes on the average utility³


2 High Energy Usage



Up to 40%
of WWTP's annual operating budget spent on electricity⁴




Up to 30%
of WWTP's energy is consumed by lift stations⁴



Up to 40%
energy savings achieved after installing VFDs⁵


3 Aging Infrastructure



Overall wastewater infrastructure grade in the U.S.⁶



20 years
average design life of lift station control equipment⁷



\$3,000-\$7,000
potential cost to homeowners if systems fail⁶

SOLVE YOUR CHALLENGES

Preventive Maintenance

- ▶ Built-in anti-clogging function
- ▶ Programming, startup, and field engineering support
- ▶ Industry-leading warranty
- ▶ VFD protection and trip prevention

System Optimization

- ▶ Control pump acceleration and power reduction in standby
- ▶ Visualize capacity
- ▶ Real-time monitoring and reporting

Modernization

- ▶ Complete and coherent VFD range, PLC/HMI, and SCADA solutions
- ▶ Controls upgrades and startup services
- ▶ Longer component life

UPDATE YOUR LIFT STATIONS BEFORE THEY FAIL

Discover what it means to modernize your wastewater operations at

us.mitsubishielectric.com/fa/en/solutions/industries/water-wastewater/