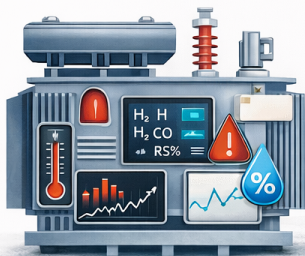
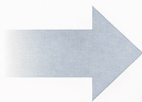


Transformer Monitoring Alone Is Not Life Extension — — Moisture Management Is.



Monitoring Observes Aging



Moisture Management Extends Life

- Monitoring systems detect gas, temperature, and moisture levels but can't alter aging mechanisms.
- Moisture in paper insulation is the main driver of insulator aging, reduced dielectric strength, and CO_2 .
- ✓ Cycle-resistant dehydration systems extract water online, continuously reducing paper moisture.
- ✓ Removing water from paper improves reliability, reduces bubble/PD risk, and extends transformer life.