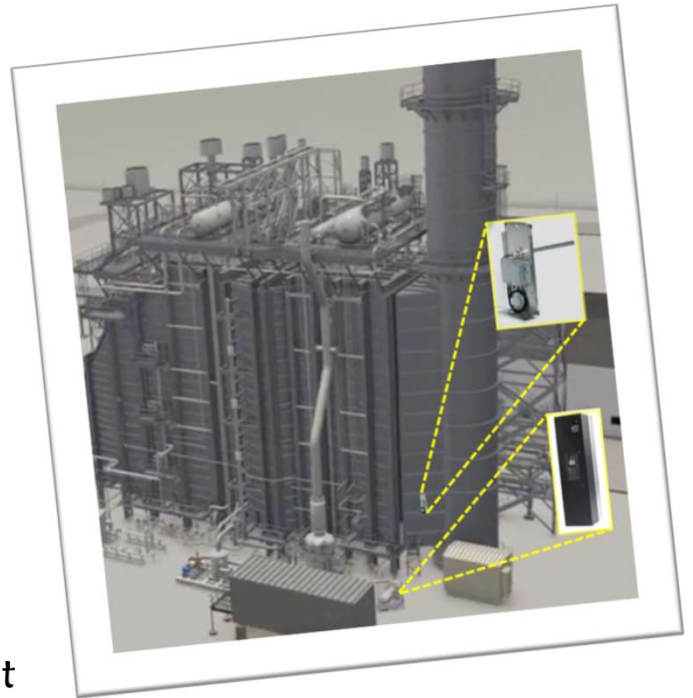




HRSG-IRS Intelligent Recirculation System

Key Components

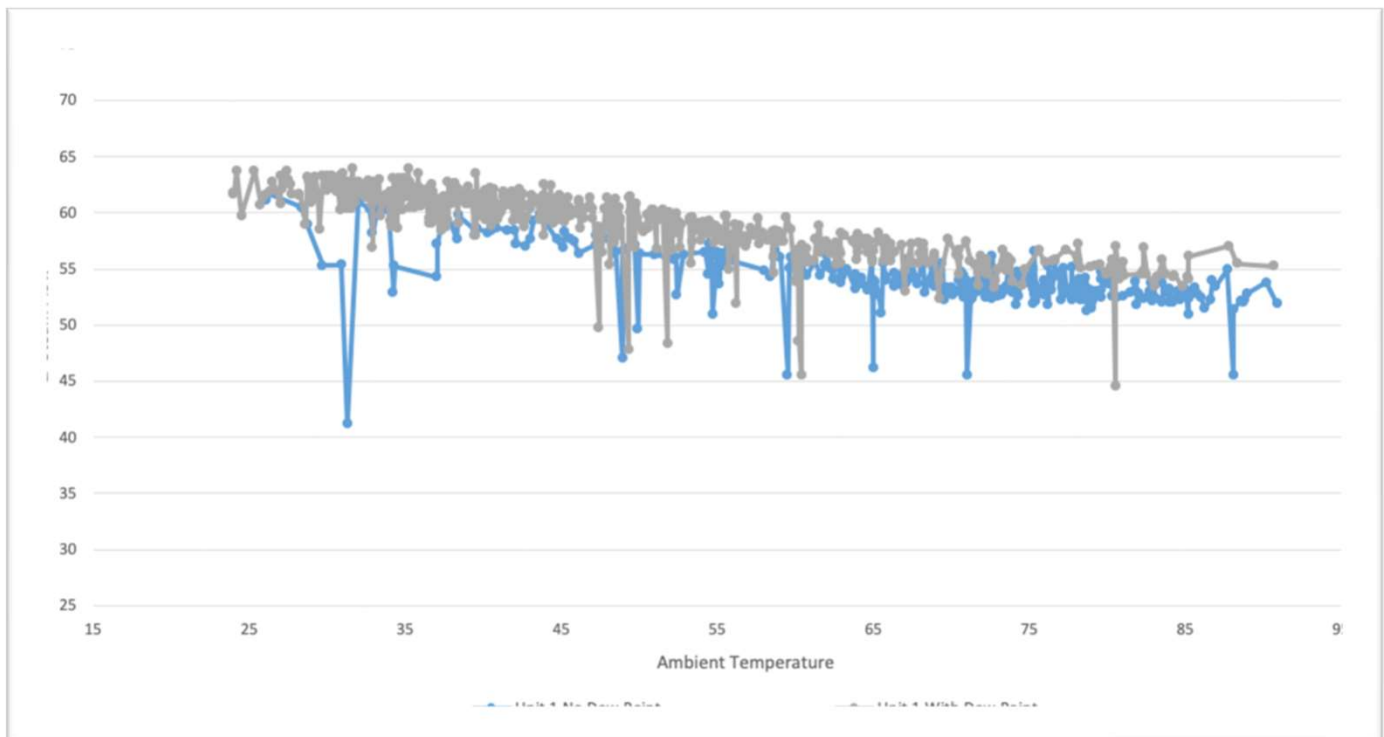
- industrial grade real-time temperature and dew point measurement system
- recirculation pump VFD upgrade with integral PID controller (if driver is VFD ready)



HRSG-IRS Operation

- Continuous Exit Dew Point Measurement
- Data feed to the local IRS VFD/PID Controller
- Lock recirc valve at 80% open
- Recirc pump regulates flow to Dew Set point typically at +10degF

LP Steam Production Increases on Average



\$160K per Year Increased - KWE Revenue for 2x1 CCPP