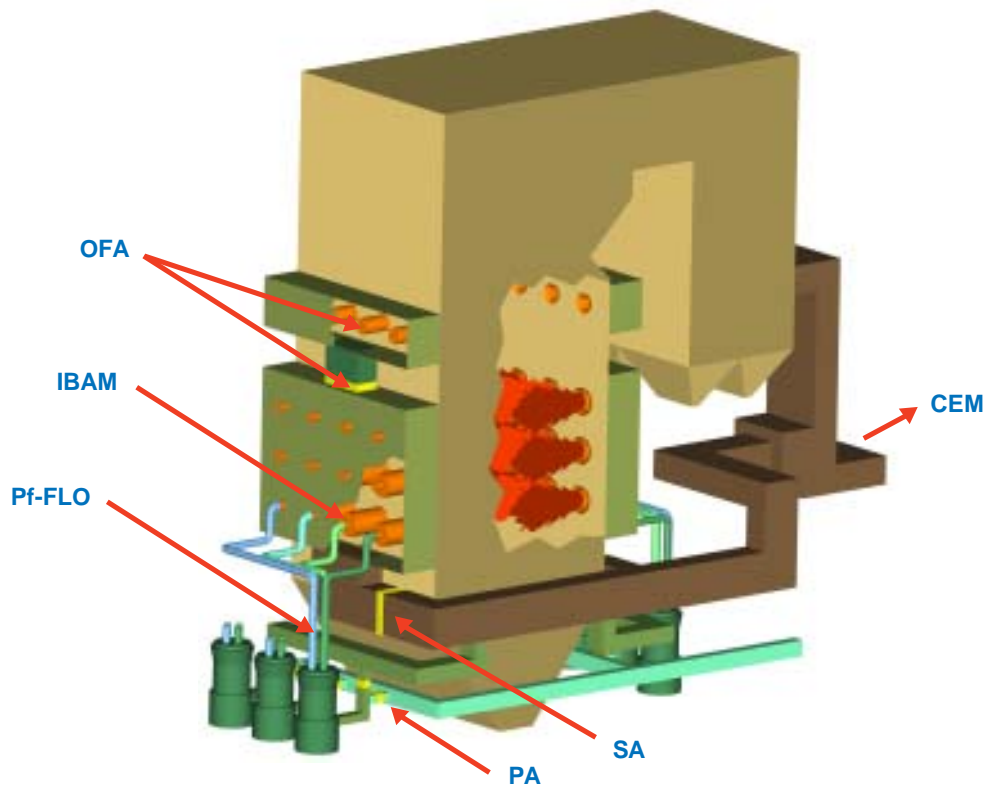


# MEASURING COMBUSTION AIRFLOW & PULVERIZED COAL FLOW

While the importance placed on combustion optimization for the purposes of reducing emissions and improving efficiency varies by power plant, there are common applications at every power plant that would greatly benefit from improved airflow measurement or the addition of pulverized coal flow measurement. Air Monitor Power is both pioneer and leader in the development of systems to accurately and reliably measure combustion air and coal flow, with thousands of installations at virtually every utility in the United States. The accompanying application bulletins outline the methods and benefits of measuring air and coal flow at the locations indicated in the boiler overview below.



When applied by themselves or in combination, the addition of air and coal flow measurements will directly contribute to:

- **REDUCING** CO, LOI & NO<sub>x</sub>
- **REDUCING** WATER WALL CORROSION
- **IMPROVING** MILL & BURNER PERFORMANCE
- **ELIMINATING** COAL LAYOUT, MILL PLUGGAGE, PIPE FIRES & SLAGGING
- **LOWERING** SCR OPERATING COSTS & **ACHIEVING** DESIRED BURNER STOICHIOMETRY

*Proven solutions for a tough industry*

