

## Case Study

Date: 18<sup>th</sup> Feb, 2020



### NATIONAL THERMAL POWER CORPORATION LIMITED (NTPC)

#### KUDGI SUPER THERMAL PLANT PROJECT STAGE-1, UNIT 1 & 2

In December 2017, TECHFAB Systems (PROMECON's, local partner in India) successfully installed, tested, commissioned & handed over the PROMECON make Unburnt Carbon Monitoring System to Doosan/NTPC Kudgi, Karnataka.

The Unburnt Carbon Monitoring system continuously measures the content of unburnt carbon in fly ash in secondary air preheater as the main combustion quality control parameter. The system works in-situ without complicated sampling and for most robust and lowest maintenance requirements.



#### Advantages & Benefits:

- ✓ No sampling
- ✓ No pneumatic transport
- ✓ High availability
- ✓ Simple mechanical design
- ✓ No grind size separation due to sampling
- ✓ Low total cost of ownership
- ✓ High accuracy

*Believes to Bestow the Optimal Solutions*