



Fortum eNext Low-NOx delivery

Fortum eNext low-NOx solution is delivered as an efficient turnkey project with short production downtime

Fortum eNext low-NOx delivery based on primary methods always starts with an assessment of the current design and performance of the boiler, and by analysing additional data provided by the customer.

As a second step a thorough Computational Fluid Dynamics (CFD) model is created based on the initial data. CFD modelling is used for designing the optimal Over Fire Air (OFA) system and required burner modifications for the case in question, in order to achieve the required NOx emission level.

Thanks to our vast experience, engineering capabilities and thorough modelling, our deliveries have a short production downtime that can be synchronised with a usual planned outage. Technical implementation and installations are always carried out in co-operation with our local partners.

After final optimisation and commissioning begins the warranty period. All our deliveries include a guarantee of success: we will make sure that the boiler performance level is kept and the emissions will remain on desired level in the long run. We also provide technical support for the warranty period.

For further information please contact:

Mr. Antti Heinolainen
Antti.Heinolainen@fortum.com



Your partner in power plant perfection

- Extensive experience in serving power producers globally – low-NOx deliveries since 1990's
- Sustainability, safety and quality in the forefront of our operations
- Sharing the owner's perspective and understanding the needs of a power utility
- Independent service provider with proven and patented low-NOx technology and ability to tailor an optimal solution to any manufacturer's equipment

Main phases in a Fortum eNext low-NOx delivery using primary methods only

