

## Modern Maintenance Systems in the Luenen Power Plant

In the year 2009 block 7 (350 MW) of the Luenen power plant was equipped with modern diagnosis systems. The installed systems serve in particular to recognize at an early stage significant variations of the monitored components resp. process parameters. These systems procure enough time for the plant personnel to analyze the situation and to start corresponding measures if necessary.

By means of the "Statistical Process Control" (SR::SPC) the long term behaviour of the Key Performance Indicators ascertained out of the operating data are monitored. In the frame of the "Stress Wave Analysis" (SWAN) supersonic sensors are attached to the monitored components. The recorded supersonic signals indicate very reliably variations of the state of the monitored component.

### Date

September 24, 2010

13.30 – 18.00

### Price per Person

20.00 Euros

### Minimum number of participants

25 persons

### Meeting point

Messe Essen West, Main Entrance

