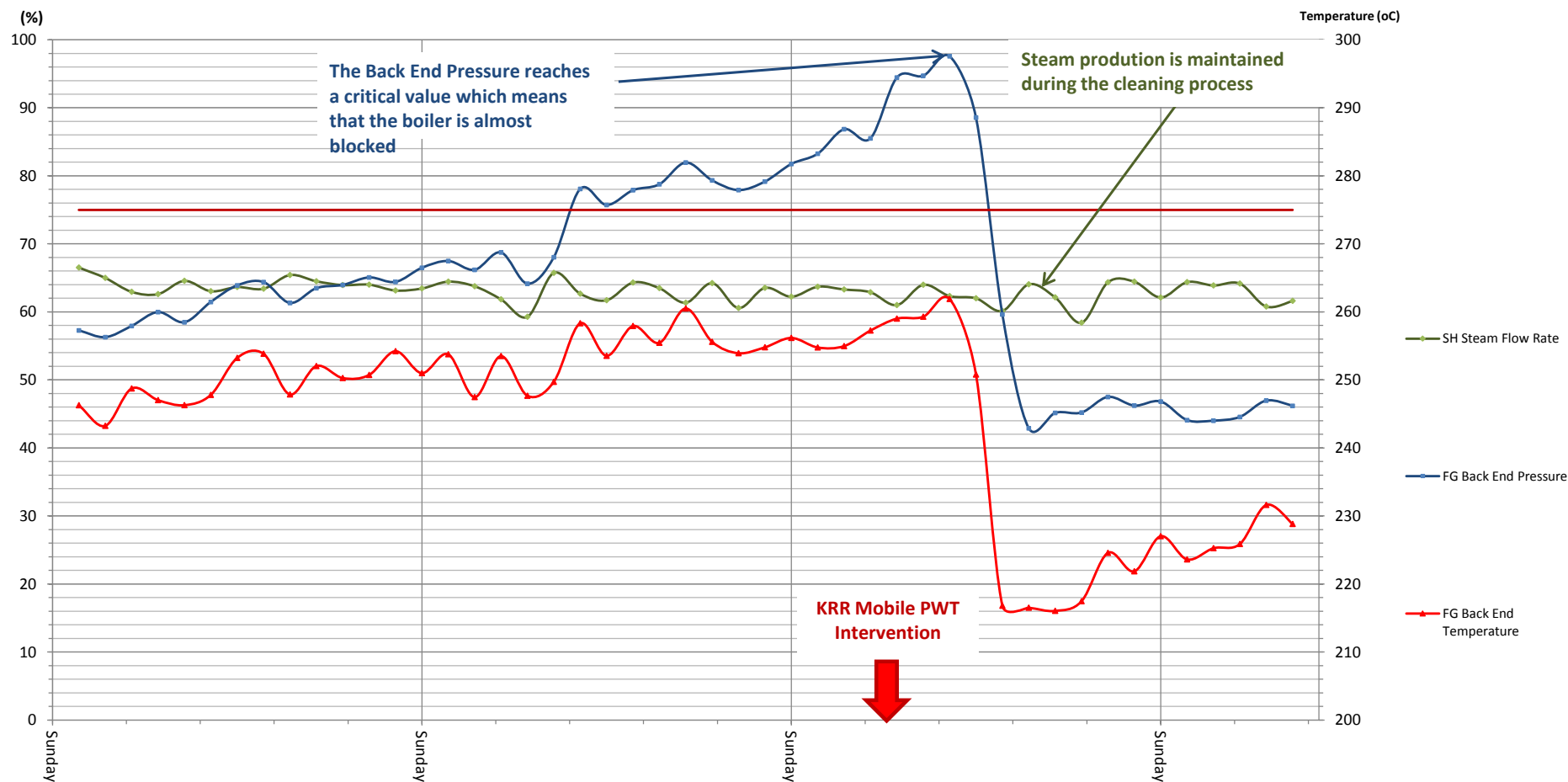


Effects of Mobile PWT on Back End Pressure & Temperature



SH Steam Flow [0-100] % → [0 ; 100 000] Kg/h Flue Gas Back End Pressure [0-100] % → [0 ; -10] mBar

Comments: The red line is the estimated value for temperature if KRR Mobile PWT were not used to maintain boiler cleanliness. Before the intervention the Back End Pressure was building rapidly until it reached -9.8mBar. KRR Mobile PWT brought this down to -4.2mBar. Back End Temperature was also reduced from 262C to 216C. This resulted in direct financial and environmental benefits:

- A reduced need for cooling water to decrease flue gas temperatures.
- The cleaning was done online, thus saving the operator tens of thousands of pounds. A manual cleaning would be carried out offline and would cost tens of thousands of pounds.