

Start of a switchover

Uniform engineering system from Aucotec for all RWE lignite power plants

For projecting all of its existing and future lignite power plants, RWE Power switches over to the database-driven platform Engineering Base (EB) from Aucotec. Thus a software system is introduced that consistently harmonizes the plant documentation from the P&I diagram to the complete electrical engineering.

RWE Power, an integral part of the RWE group, is one of the leading companies for energy generation in Germany, with about 15,300 employees. The RWE motto "VoRWEg gehen" ("Be ahead") illustrates the company's focus, where example and innovation play an important role.

RWE has been working with Aucotec software products for many years. In parallel, additional tools for electrical engineering and P&ID's were used. "With the standardization of our planning process we achieve a distinctly higher quality of the documents, and the integration of process engineering also means a distinct plus in efficiency", thus Jürgen Ecken, head of the design/documentation department for the RWE Power lignite power plants. With EB, a considerable number of coordination processes becomes superfluous, expenditure and error potential are minimized due to the omission of duplicate entries, and the IT department saves a lot of time for software and interface maintenance.



P&I creation integrated

What particularly strikes the energy experts as positive is the integration of the P&I creation into their workflow. Up to now flow diagrams existed only as pure graphics without logic. The switchover will lead to a considerably better consistency and quality of the overall documentation and thus also to an increased safety of the plants. All in all, for the five large RWE power plants almost 700,000 documents in four different formats must be imported into EB. Aucotec will support this process.

Aucotec will accompany the switchover from the first training course via the implementation to the documentation guideline. "RWE is an important and very innovative customer. We are of course happy that the experts there go ahead with us also in terms of an ultra-modern engineering software", thus Aucotec board member Uwe Vogt at the switchover kick-off meeting.