

Success Story

Start of a switchover:

Uniform engineering system from Aucotec for all RWE lignite power plants

VORWEG GEHEN

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 successfully with Aucotec software products for many years. In parallel, additional tools for electrical engineering and P&IDs were used. The objective is to achieve significantly higher document quality with the standardization of the planning process; RWE Power also anticipates a decisive advantage in terms of efficiency due to the integration of process technology. 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&ID creation integrated

The integration of the P&ID creation into their workflow is of particular importance to the energy experts. Up to now flow diagrams existed only as pure graphics without logic. The switchover will lead to 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.

