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## FUEL CELL SYSTEM COMPONENTS

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- System component design
- Humidifier implementation and design
- De-humidifier design
- Transient behaviour with load changes
- Transient control for required air and

McPhy Energy Germany GmbH utilized Flownex SE as their tool of choice to optimise an alkaline water electrolysis plant. Optimisation of the plant that supports the chemical reaction of the water electrolysis, boosts efficiency and ultimately creates a viable business model for product commercialisation. Analyses of the system behavior at critical modes, for example a sensor failure, could be done.