

Asset-Management 4.0

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Abstract

Asset-Management 4.0 enables operators of generation units/portfolios and even of controllable loads to create more financial value by using adaptive asset models of commercial and technical constraints to react in real-time on market driven events and capacity changes. Therefore modern SCADA technology helps to exchange telemetry and communication data to handle real-time data flow.

RWE Technologies

- Engineering, Refit and Project Management for Power Plant Flexibilisation
- SCADA Concepts for real-time controlling and handling of Power Plants
- ...

RWE S&T

- Asset-Optimisation of generation units in real-time under consideration of individual technical and commercial restrictions
- Multi-Market-Optimisation in Wholesale-Markets, Flexibility Markets and Contracted Delivery Obligations
- Externalisation of RWEST's Optimisation Services for third party customers, this includes in particular:
 - Asset Optimisation-as-a-Service for Power Plant Operators
 - Advisory-Services to establish/improve Asset Optimisation processes and develop taylor made Software Solutions for individual and specific optimization requirements