

RWE's experience and expertise in the development of new assets include:

Case study 1

RWE experts successfully managed the construction, through to commissioning and entry to commercial operation, of the 600MW Pego coal-fired power station in Portugal.



Pego 600MW power station in Portugal commissioned by RWE experts

Case study 2

The Evander Andrews Power Complex, a 100MW generating facility for Idaho Power, was constructed, commissioned and entered into commercial operation by RWE in 16 weeks, two weeks ahead of an already tight development schedule.

Case study 3

RWE experts constructed and mobilised the 500MW Pelican Point power station, one of Australia's fastest-build CCGT plants.

Case study 4

RWE experts managed the construction and mobilisation of the 480MW Marmara CCGT power station in Turkey as a two-year 'fast track' project.



Construction of the 480MW Marmara power station, Turkey

Case study 5

RWE experts successfully commissioned the 1,292MW Hub River oil-fired power station in Pakistan, 25 days ahead of schedule and below budget.



Hub River - 1,292MW oil-fired power station, Pakistan

"The project consisted of installing 100MW of gas turbine capacity in as short a time as possible. I knew that it could only be accomplished if other parties were willing to join the project with enthusiasm, vision, dedication and leadership; RWE was such a partner, thank you."

Peter BP Stewart
Project Manager
Idaho Power Company

RWE Power International

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Asset Development is one of a wide range of capabilities that RWE Power International can offer to the power and mining industries. For more information please contact us.



Constructing profitability

The capability to ensure safe, streamlined and profitable development of new assets



Power generation and mining experts



RWE Power International's specialist services cover every aspect of owning and operating power plant, from construction, commissioning, operations and maintenance, to eventual decommissioning. Our mining expertise covers minerals and solid fuels and spans exploration, development, operations and rehabilitation.

We have a great depth of operations and engineering knowledge and practical experience as an asset developer, owner and operator. As part of the RWE Group, we can call on the capabilities and resources of one of the world's leading multi-utility companies. We combine global reach with local understanding to provide innovative solutions that enhance the performance and profitability of any power generation or mining asset.

With clients in more than 70 countries around the world, our expertise spans the full range of electricity generation technologies, fuel sources including hard coal, lignite, oil, gas, nuclear, and mining methods.

A shared history of innovation

RWE Power International is a collaboration between two companies within the RWE Group, RWE Npower plc and RWE Power's consulting subsidiary, RE GmbH. We have a proud history of innovation, shared between RWE npower and RE. Our experience of transforming state-owned power utilities into commercially focused private organisations was achieved by adopting cutting-edge, innovative operating and engineering solutions. Our mining services are based on more than 40 years of developing and running lignite mines, and include large-scale groundwater management, reclamation and environmental services.

Constructing profitability

The way in which a new power generation asset is developed sets the pattern for its technical and commercial destiny. With years of collective experience in developing billions of euros worth of power plant around the world, RWE engineers can help you confidently manage this process – ensuring the maximum return on your investment in new plant.

A series of benefits flow from our informed approach to asset development:

Optimised revenue growth

We have the knowledge and experience to help optimise revenue growth for clients through the carefully managed development of power generation assets. The objectives are to sustain long-term profitable

operation of the plant as a secure investment and to prevent programme slippage and delays in earnings flow. Proven project modelling skills are essential to the plant developer to meet these objectives. RWE has significant expertise in power plant modelling, using realistic data and specially designed in-house software systems.

Early assessment of feasibility and viability

Our teams will conduct detailed feasibility studies covering every aspect of asset development. Our experience and awareness of current market and technical issues shows us where to concentrate our efforts in that important part of a project. We have in-house skills to conduct full evaluations, offering a totally integrated assessment of any project's suitability.

Development of recommendations based on real market knowledge

Market conditions, changing fuel costs, future trends: successful asset development depends on accurate interpretation of this data and a clear understanding of the drivers of change.

RWE draws on its experience of operating in world energy markets when making recommendations on how your plant should be developed in order to achieve its full business potential.

Expert evaluation of technical and commercial risk

RWE operates a suite of risk assessment programmes that cover every area of business and are used regularly by clients around the world. Commercial, engineering, environmental and other risks can all be scrutinised to produce a comprehensive account of exposure to risk and the potential rewards in terms of return on capital.

Higher performance at lower costs

Based on our knowledge of energy markets, equipment manufacturers, regulators and constructors, we know what equipment works best under which conditions, what it costs, and who the likely suppliers are. Working with you we can translate this in-depth knowledge of the plant market place into optimum performance at the lowest possible cost.

Plant engineering for peace of mind

RWE engineers have experience of developing and commissioning a full range of power plant around the world. We can instigate early design reviews and work closely with the operations and maintenance team to ensure that the design is 'fit for purpose'.

We can also set up maintenance schedules and outage and spares arrangements to enable a seamless transfer of the plant to the long-term operator.

Optimum flexibility in fuel use and station load

Within realistic cost and performance parameters, our development engineers will design into the plant as many operating options as required by the market. The type of fuel and fuel grade, as well as the ability to operate flexibly, are two crucial factors affecting the long-term profitability of the station. We will help give you more choices about how you design and run your plant.