

This document includes a report summary, a table of contents, report format and price information, and an order form.

This 152 page report covers over 350 natural gas, coal and oil-fired, hydro, nuclear, biofuel and waste gases power projects of 100 MW or more in all 15 western European member states of the European Union plus Norway and Switzerland.

Key market trends are highlighted in 20 tables and 50 charts.

Report Structure

Chapter 1 – Project Market Context: this chapter presents the commercial framework of European power project development. First it covers historic and forecasted demand growth in national markets. Next it assesses future capacity requirements with reference to environmental policies, emissions trading, the decline of nuclear power and the rise of renewables, and corporate strategies. The latest system adequacy forecasts of regional system operators are also profiled. Next surging wholesale power and fuel prices and rising project costs are reviewed. The chapter concludes with a brief assessment of power generation costs.

Chapter 2 – Coverage Notes: this chapter provides an introduction to the report's project market coverage. Research methods and caveats that readers may wish to keep in mind are also discussed.

Chapter 3 – Project Market Rankings: this chapter profiles the power project market as a whole. Projects already under construction and plans in earlier development are assessed at the geographic and project type levels. Expected capacity additions by year and market from projects in the building stage are shown. The chapter also ranks leading project developers.

Chapters 4-18 – Country Profiles: these chapters profile project business trends at the national market level and provide extensive information about the initiatives of individual developers.

The countries covered are Austria, Belgium, Finland, France, Germany, Greece, Ireland, Italy, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the UK.

Each country profile chapter concludes with a table listing all projects under development. The tables provide the following information for each project (a sample table is available on the next page):

- The developer and any partners in projects backed by two or more investors
- The site of the project or potential sites where more than one is under consideration
- Planned capacity, including ranges where different options are under consideration
- Plant type, including identification of combined heat and power (CHP) projects
- The regulatory status of the project, ranging from full approval to projects where the regulatory process has not been initiated
- The expected construction start-up and project completion dates, where available
- The expected investment amount, where available
- Information on construction status

Report Objectives

The report's focus on risky conventional project development should make it useful for a wide range of readers. For example:

- Project developers can track the advances, setbacks and plans for the future of their peers.
- Energy and emissions traders can assess shifts in generation market balances over the coming years, ranging from capacity additions in single sectors of national markets all the way up to "big picture" international analysis.
- Fuel suppliers will find detailed information about the roles of gas and coal in project markets.
- Equipment suppliers, other project contractors and project financiers can gauge the scale of the market, including developers' longer term plans.
- Regulators and government officials can review competitive developments and projects' potential contributions to system security and emissions reduction.
- Consultants and other professional advisers can evaluate varying approaches to investment strategy at the company and market levels.
- Industrial groups contemplating generation investments can assess the broad market, including projects under development by some of their peers.

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All country profiles present a project table similar to the one below:

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Table 5 Austrian Power Projects, September 2008

Developer	Location	Capacity, MW	Type	Authorisation status	Projected start-up date	Projected Invest., € mn	Under Constr.
A-Tec Industries	Voitsberg	tbd	tbd	no request yet	na	na	no
Energie AG	Enns-Ennsdorf	tbd	tbd	no request yet	na	na	no
Energie AG	Riedersbach	400	CCGT	no request yet	na	na	no
Energie AG 50% / Groupe E 50%	Timelkam	400	CCGT CHP	approved	Q4 2008	200	yes
Energie Steiermark	Graz	400	CCGT CHP	no request yet	2013	250	mid-2010
Illwerke / VKW	Kopswerk 2	450	hydro	approved	H2 2008	370	yes
Illwerke / VKW	Obervermunt 2	160	hydro	no request yet	tbd	tbd	no
Kelag	Feldsee 1 and 2	140	hydro	1 approved, 2 pending	Q1 2009 / na	74	yes
Linz AG	Linz	112	CCGT CHP	approved	Q4 2009	94	yes
ÖBB Infrastruktur Bau	Tauernmoos	130	hydro	requested	2014	100	2010
Stadtwerke Klagenfurt 51% / Verbund 49%	Klagenfurt	400	CCGT CHP	requested	na	250	no
TIWAG	Kaunertal	505	hydro	no request yet	na	na	no
TIWAG	Sellrain-Silz - Kühtal 2	130	hydro	request expected 2009	2015	470	2011
TIWAG	Tauernbach	tbd	hydro	no request yet	na	na	no
Verbund	Limberg 2	480	hydro	approved	Q4 2011/Q1 2012	400	yes
Verbund	Mellach	830	CCGT CHP	approved	H2 2011	550	Q1 2009
Verbund	Reisseck 2	430	hydro	requested	2014	335	H2 2009
voestalpine Stahl	Linz	150	waste gases CHP	approved	2010	disclosed	not Q4 2008
Wien Energie	Simmering	820	CCGT CHP	approved	Q4 2008/Q1 2009	300	yes

Source: companies / E-control / press reports / Prospex Research

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About the Authors



Prospex Research analyses the European energy business, focusing on wholesale markets for power, gas, coal and emissions allowances.

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