

project overview 1/4

>> new fossil power plants in Germany >100MW

last update: 18.05.2012

power plants (lignite)	gross output	year of commissioning, phase and probability of realization *		
Neurath BoA 2 & 3, Grevenbroich-Neurath RWE	1.100 MW 1.100 MW	2012	trial run	
1,5 years delay // about 400 Mio. € additional costs // 1000 hours successful test operation // BoA 2 und 3 will be commissioned June/ July 2012				
Boxberg Block R, Boxberg Vattenfall	675 MW	2012	trial run	
Currently running in trial operation // commercial operation will begin in the 3rd quarter of 2012				
Profen Mibrag	660 MW	2020	in planning	
Process of approval is underway (19. April 2012) // planned start of construction: 2015 // still lack of investors				
Niederaußem BoA 4/BoAplus, Bergheim RWE	1.100 MW	open	in planning	
On 7. October 2011 RWE Power submitted a proposal to the Cologne district government to change the regional plan				
power plants (hard coal)	gross output	year of commissioning, phase and probability of realization *		
RDK 8, Karlsruhe EnBW	912 MW	2013	under construction	
On schedule // commercial operation starts 2013				
Walsum Block 10, Duisburg Evonik Steag / EVN	750 MW	2013	under construction	
3 years delay // T24 steel has to be replaced // commissioning date likely to be from autumn 2013				
Westfalen Block D & E (Gekko), Hamm-Uentrop RWE and 23 municipality partners	800 MW	2013	under construction	
	800 MW	2013	under construction	
Increase of costs and delays caused some displeasure // DEW managing director called it "money destruction machine" // RWE made some concessions which all partners accepted				
Moorburg 1 & 2, Hamburg Vattenfall	820 MW	2014	under construction	
	820 MW	2014	under construction	
Technical problems caused delays // procedure of licensing the planned district heating network not completed yet // an alternative and likely scenario to the extension of the district heating network is a further CCPP north of the river Elbe // Commissioning of Block B is expected to take place in the beginning 2014, Block A in mid 2014				
Mannheim Block 9, Mannheim-Neckarau GKM	911 MW	2015	under construction	
Technical problems caused huge delays // Environmental group BUND takes legal action against the environmental approval // Commissioning date has again been postponed to the end of 2015				
Wilhelmshaven GDF SUEZ / BKW FMB	800 MW	2014	under construction	
Technical problems caused delays (esp. T24 steel) // commissioning date likely to be from 2014				
Lünen Trianel	810 MW	2013	under construction	
Environmental group BUND has won a legal dispute regarding a partial approval // Trianel group remains optimistic // a second attempt to prove compatibility with the Habitats Directive will be made in Q3-2012 // commissioning year remains 2013				
Datteln Block 4 E.ON	1.100 MW	2014	under construction	
Plan revision procedures encounter heavy resistance and the outcome still remains uncertain // next decision from no earlier than summer 2012 // in view of the Trianel-ruling the City of Datteln remains optimistic // commercial operation likely not before 2014				

probability of realization (best guess)

unlikely	possibly	probably	for sure
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project overview 2/4

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power plants (hard coal)	gross output	year of commissioning, phase and probability of realization *		
Staudinger 6 E.ON / Stadtwerke Hannover Process of approval is underway (19. April 2012) // Delays due to legal actions // construction will not commence before legal certainty	1.100 MW	2017	in planning	
Brunsbüttel 1 und 2 SüdWestStrom All important permissions are granted and construction could start // Delays due to uncertain economical and political conditions // SWS denied rumors of a possible termination // main investor Repower has completely written off its share because of the low probability of realization // final decision probably not before autumn 2012	910 MW 910 MW	2017 2017	in planning in planning	
Dow Chemical, Stade Dow Chemical EnBW withdrew from the project // Dow will continue on its own // we believe that the project is on hold // project does not appear on a semiofficial list released by the BDEW in April 2012	900 MW	open	in planning	
Arneburg RWE RWE has not abandoned the Project yet // project does not appear on a semiofficial list released by the BDEW in April 2012	1.600 MW	open	in planning	
Stade E.ON Process of approval is underway (19. April 2012) // We believe that the project ist no longer being pursued or has been put on hold	1.100 MW	open	in planning	
Industriepark Brunsbüttel GETEC Energie Project has been put on hold	800 MW	open	in planning	
Lünen STEAG We believe that the project ist no longer being pursued or has been put on hold // project does not appear on a semiofficial list released by the BDEW in April 2012	900 MW	open	in planning	
Herne STEAG We believe that the project ist no longer being pursued or has been put on hold // project does not appear on a semiofficial list released by the BDEW in April 2012	750 MW	open	in planning	
power plants (natural gas)	gross output	year of commissioning, phase and probability of realization *		
Dow Chemical, Stade Dow Chemical The foundation stone was laid in March 2011 // building time expected to be 2 years	163 MW	2014	under construction	
Knapsack 2, Hürth-Knapsack Statkraft The foundation stone was laid in October 2011 // commissioning date likely to be from mid 2013	430 MW	2013	under construction	
Bremen swb, Mainova, Bahn, weitere Stadtwerke Financing had been secured // The foundation stone was laid in November 2011 // commissioning date likely to be from the end of the year 2013	445 MW	2013	under construction	

probability of realization (best guess)

unlikely

possibly

probably

for sure

project overview 3/4

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power plants (natural gas)	gross output	year of commissioning, phase and probability of realization *	
Chemiepark Leverkusen Repower Process of approval is underway (19. April 2012) // delays due to uncertain economical and political conditions // building time expected to be 2,5 years	430 MW	2014 in planning	
Lausward, Düsseldorf Stadtwerke Düsseldorf Final decision to build not made yet // Siemens will be the manufacturer // commissioning date likely to be from autumn 2015 // technical details will be announced at a later date	500 MW	2016 in planning	
Lichterfelde, Berlin Vattenfall Permissions are granted // commissioning date planned to be from the end 2014	300 MW	2015 in planning	
Klingenberg, Berlin Vattenfall Process of approval is underway (19. April 2012) // commissioning date planned to be from 2016	300 MW	2016 in planning	
Lichtenberg, Berlin Vattenfall	300 MW	2016 in planning	
Chemiepark Uerdingen, Krefeld Uerdingen Trianel / Currenta und Partner Investment decision will be made in 2012 // beginning of construction is scheduled to 2014 // about 50 investors expressed interest to have a share in the plant // commissioning date planned to be from 2016	1.200 MW	2016 in planning	
Niehl, Köln RheinEnergie Decision to build has been postponed to the middle of 2012 // beginning of construction could start in the middle of 2012 // the final size of the power plant is still unclear and depends on the commitment of other investors // if no further investors are found the capacity will likely be 400 MW	1.200 MW	2015 in planning	
Hamburg Vattenfall "Innovative" power plant with thermal store // replacement of an old power plant in Hamburg Wedel and an alternative to the planned extension of the district heating network as part of the new power plant in Moorburg // performance audit not finished yet // scoping has started for Wedel and Stellingen // final decision is expected to be made in 2012 // we believe that the probability of realization is well possible due to broad public support	400 MW	2017 in planning	
Duisburg, Duisburg-Wanheim Stadtwerke Duisburg Joint Power plant // final decision is expected to be made from beginning 2013 // beginning of construction could start in 2013 // replacement of an old coal fired power plant of Steag in Duisburg Walsum	600 MW	2016 in planning	
Kiel Stadtwerke Kiel 4 gas-fired engines à 50 MW // replacement of an old coal fired power plant // performance audit until the middle of 2012	200 MW	2016 in Planung	
Haiming, Burghausen OMV Power International Permissions are granted // Project is still active and alive // investment expectations cannot be fulfilled yet due to uncertain economical and political conditions // main milestones have been postponed // decision to build has been postponed to the beginning of 2014 // commissioning date planned to be from 2017	800 MW	2017 in planning	
Leipheim Stadtwerke Ulm/Neu-Ulm A referendum decided to build a new power plant // final decision 2013/ 2014 // beginning of construction could commence in 2015 // commissioning date planned to be from 2017 / 2018	1.200 MW	2017 in planning	

probability of realization (best guess)

unlikely

possibly

probably

for sure

project overview 4/4

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power plants (natural gas)	gross output	year of commissioning, phase and probability of realization *		
Mecklar-Marbach, Ludwigsau Dong Energy Process of approval is underway (19. April 2012) // Iberdrola withdrew from the project and sold it to Dong Energy	1.100 MW	open	in planning	
Weiher, Quierschied STEAG Permissions are granted // replacement of an old coal fired power plant // gas-pipeline is currently being installed // no decision yet	500 MW	open	in planning	
Chempark Marl Infracor Planning concept on the way from 2013 says the city of Marl // type of fuel unknown but probably not coal // many questions remain to be answered // no decision yet	600 MW	open	in planning	
Industriepark Mussum, Bocholt GDKW Bocholt Power Permissions are granted // no decision yet // lack of investors	420 MW	open	in planning	
RDK 6S, Karlsruhe EnBW Permissions are granted // repowering of block 6 (RDK 6S) // project has been postponed	465 MW	open	in planning	
Premnitz Alpiq Process of approval is underway (19. April 2012) // project remains on hold // rumors about a lack of investors have been denied	400 MW	open	in planning	
Sachsen-Anhalt, Calbe GDF SUEZ Energie Deutschland Process of approval is underway (19. April 2012) // no news for a long time // we believe that the project is no longer being pursued or has been put on hold	400 MW	open	in planning	
Meppen unknown (former NUON) We believe that the project is no longer being pursued or has been put on hold	450 MW	open	in planning	

probability of realization (best guess)



Note

All the information contained in this newsletter has been gathered with the greatest care. In spite of that, we do not take any liability for correct, complete and up-to-date content. Most information contained are based on official communications from project developers, associations, national authorities and professional media. Sometimes we deviated with regard to project specific probabilities of realization and expected commissioning years (first year of commercial operation) which we determined in an expert-review under consideration of all current news, economic and political conditions ("best-guess").

The most important changes compared to the last issue

KW Neurath: status updates // KW BoA 5: removed // KW Profen: status updates // KW Moorburg: status updates // GK Mannheim: status updates (commissioning date 2015) // KW Staudinger 6: status updates // KW Brunsbüttel (SWS): status updates // KW Stade (E.ON): status updates // KW Brunsbüttel (GETEC): status updates // KW Chempark Marl: status updates (type of fuel and commissioning date) // KW Stade (Dow Chemical): status updates (commissioning date) // KW Chemparl Leverkusen: status updates // KW Düsseldorf: status updates (commissioning date) // KW Lichterfelde: status updates // KW Klingenberg: status updates // KW Chemiepark Uerdingen: status updates // KW Köln: status updates // KW Duisburg: status updates // KW Haiming: status updates // KW Weiher: NEW! // KW Mecklar-Marbach: status updates // KW Industriepark Mussum: commissioning date // KW Premnitz: status updates // KW Sachsen-Anhalt: status updates

power plants | under construction

>> new fossil power plants in Germany >100MW

Last Update: May 2012



Capacity

- 100-500 MW
- 500-1000 MW
- >1000 MW

Fuel

- Natural Gas
- Hard Coal
- Lignite

Phase

- in planning
- under construction

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KW Lingen, HKW Hannover and GuD Irsching 4 have been removed because they went into operation.

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power plants | in planning

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Some projects do not appear on this map either because we think they have a probability of realization below 10% or because they have been cancelled. These are: Meppen, KW Sachsen-Anhalt, Eisenhüttenstadt, Griesheim, E.ON Stade, GETEC Brunsbüttel, RWE Arneburg, SK KW Dow Chemical Stade, STEAG Herne, STEAG Lünen, CCS Jämschwalde, EnBW Lubmin, DONG Lubmin, GDF Stade, E.ON Wilhelmshaven, Kiel, DONG Emden, Dörpen, GDF Brunsbüttel, Ens Dorf, SK-KW Bremen, GuD Emden and GuD Wustermark.

power plants | overall view

>> new fossil power plants in Germany >100MW

Last Update: May 2012



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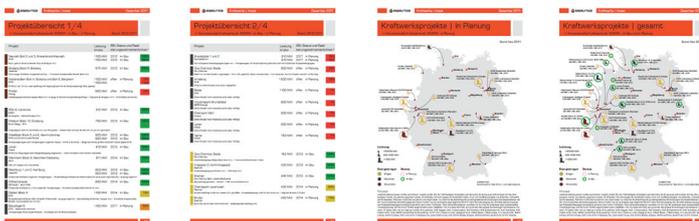
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