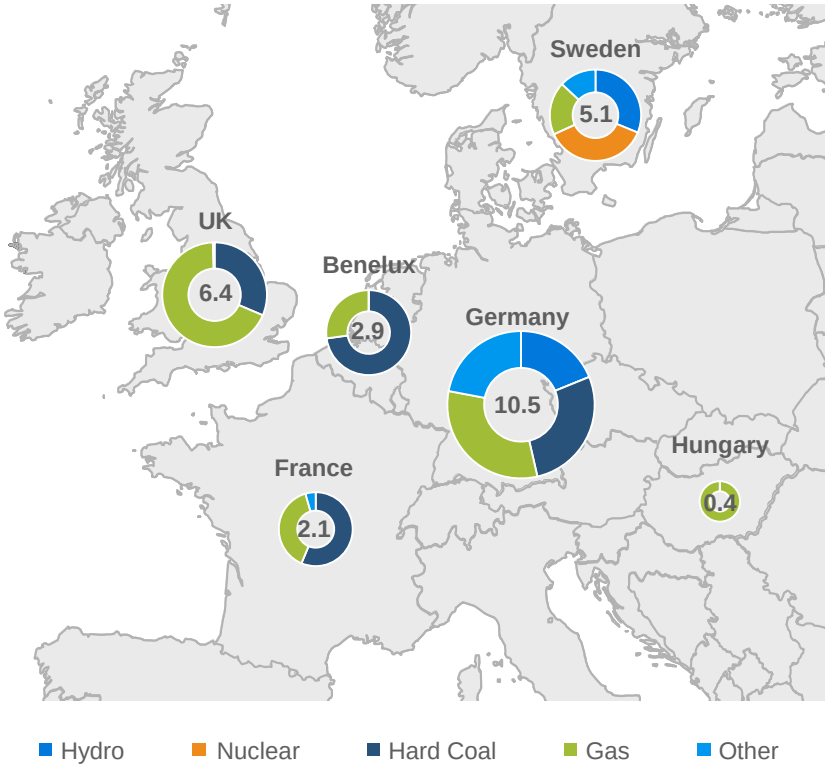
List of Assets 2016

December 2016

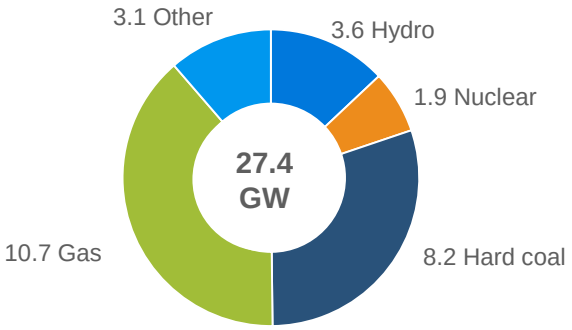
European Generation (Asset List)

Well-diversified European generation portfolio

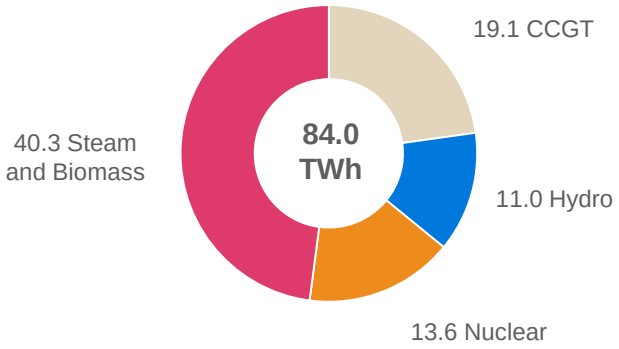
Net capacity by country and fuel type (GW)[1,2]



Net capacity by fuel type (GW)[1,2]



Electricity production by technology (TWh)[1,3]



Note: Deviations may occur due to rounding

1. Net capacity for 2016 (accounting view); net generation capacity is reported for plants if plants were in operation at end of 2016
2. Excluding net generation capacities from Hydro LTCs in Austria and Switzerland of 820 MW in 2013, 629 MW in 2014, 629 MW in 2015 and 629 MW in 2016
3. Electricity production contains Pumped Storage production (2013: 0,8 TWh, 2014: 0,8 TWh, 2015: 1,0 TWh)

Asset overview

Overview – Capacity development

		Capacity development (MW)[1,2]			
		2013	2014	2015	2016
Hydro	Germany	1,976	1,983	1,985	1,985
	Sweden	1,553	1,559	1,566	1,579
Nuclear	Sweden	2,511	2,511	2,511	1,873
Hard coal	Germany	5,600	5,219	3,205	2,902
	Benelux	2,650	2,650	2,610	2,140
	UK	2,000	2,000	2,000	2,000
	France	2,340	1,880	1,190	1,190
Lignite	Germany	900	900	900	900
Gas	UK	4,635	4,635	4,635	4,335
	Germany	3,777	3,777	3,777	3,322
	Sweden	949	949	949	948
	France	828	828	828	828
	Benelux	1,209	1,089	1,091	799
	Hungary	428	428	428	428
Other	Germany	2,113	2,113	2,113	1,418
	Sweden	996	996	662	662
	UK	754	754	394	34
	France	94	94	94	94
Total[3]		**35,312**	**34,365**	**30,938**	**27,436**

Note: Totals shown are exact figures – deviations possible due to rounding
1. Accounting view
2. Net generation capacity is reported for plants if plants were in operation at end of 2016
3. Excluding net generation capacities from Hydro LTCs in Austria and Switzerland of 820 MW in 2013, 629 MW in 2014, 629 MW in 2015 and 629 MW in 2016

Asset overview (cont'd)

Overview – Electricity production

		Electricity production (TWh)[1]			
		2013	2014	2015	2016
CCGT	UK	10.6	9.1	8.2	15.1
	Hungary	0.3	0.7	1.0	1.5
	Benelux	3.7	1.6	1.1	1.1
	Germany	1.4	0.6	1.2	0.8
	Sweden	0.9	0.5	0.7	0.5
Hydro	Sweden	6.5	6.7	8.7	6.1
	Germany[2]	6.1	5.5	5.8	5.0
Nuclear	Sweden	11.7	12.3	12.2	13.6
Steam and Biomass	Germany	32.4	23.1	18.8	17.8
	Benelux	10.6	9.4	12.5	12.9
	France	7.8	3.6	5.8	6.6
	UK	12.9	11.8	7.0	2.8
	France Renewables	0.2	0.2	0.2	0.2
	Sweden	0.0	0.0	0.0	0.0
Total		**105.1**	**85.1**	**83.1**	**84.0**

Note: Totals shown are exact figures – deviations possible due to rounding
1. Accounting view
2. Electricity production contains Pumped Storage production (2013: 0,8 TWh, 2014: 0,8 TWh, 2015: 1,0 TWh)

Details on the German power plant portfolio

Hydro - Storage

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Walchensee	Consolidated	124	100.00%	1924	124	124
Roßhaupten	Consolidated	50	100.00%	1954	46	46
Hemfurth	Consolidated	20	100.00%	1915/1994	20	20
Helminghausen	Consolidated	1	100.00%	1924	1	1
Total		**195**			**191**	**191**

Hydro - Pumped storage

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Waldeck II	Consolidated	480	100.00%	1974	480	480
Langenprozelten	Consolidated	168	100.00%	1976	127	164
Happurg[1]	Consolidated	160	100.00%	1958/1963/1965	160	160
Waldeck I[2]	Consolidated	75	100.00%	1931/1933/2009	145	145
Oberberg	Consolidated	7	100.00%	1960/1985	7	7
Total		**891**			**920**	**956**

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

1. Happurg facility mothballed in 2016
2. Includes also Bringhausen

Details on the German power plant portfolio (cont'd)

Hydro - Run-of-river

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Kachlet	Consolidated	56	77.49%	1927	42	54
Aufkirchen	Consolidated	38	100.00%	1924	27	27
Eitting	Consolidated	36	100.00%	1925	26	26
Geisling	Consolidated	26	77.49%	1985	19	25
Bergheim	Consolidated	25	77.66%	1970	18	24
Vohburg	Consolidated	29	77.66%	1992	18	23
Pfrombach	Consolidated	24	100.00%	1929	22	22
Straubing	Consolidated	22	77.49%	1994	17	22
Bittenbrunn	Consolidated	21	77.66%	1969	16	20
Ingolstadt	Consolidated	20	77.66%	1971	15	20
Prem	Consolidated	22	100.00%	1971	19	19
Bertoldsheim	Consolidated	20	77.66%	1967	15	19
Altheim	Consolidated	18	100.00%	1951	18	18
Kaufering	Consolidated	18	100.00%	1975	17	17
Dornau	Consolidated	18	100.00%	1960	17	17
Gummering	Consolidated	17	100.00%	1957	17	17

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on the German power plant portfolio (cont'd)

Hydro - Run-of-river (cont'd)

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Niederaichbach	Consolidated	18	100.00%	1951	16	16
Dingolfing	Consolidated	18	100.00%	1957	15	15
Obernach	Consolidated	16	100.00%	1955	13	13
Ettling	Consolidated	13	100.00%	1988	13	13
Landau	Consolidated	13	100.00%	1984	13	13
Pielweichs	Consolidated	13	100.00%	1994	13	13
Oberpeiching	Consolidated	12	77.49%	1954	10	12
Unterbergen	Consolidated	14	100.00%	1983	12	12
Scheuring	Consolidated	14	100.00%	1980	12	12
Prittriching	Consolidated	12	100.00%	1984	12	12
Merching	Consolidated	14	100.00%	1978	12	12
Schwabstadl	Consolidated	13	100.00%	1981	12	12
Mühltal	Consolidated	13	100.00%	1924	11	11
Rain	Consolidated	11	77.49%	1955	9	11
Dessau	Consolidated	13	100.00%	1967	10	10
Urspring	Consolidated	12	100.00%	1966	10	10

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on the German power plant portfolio (cont'd)

Hydro - Run-of-river (cont'd)

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Ellgau	Consolidated	10	77.49%	1952	8	10
Kleinostheim	Consolidated	10	77.49%	1971	8	10
Feldheim	Consolidated	9	77.49%	1960	7	9
Epfach	Consolidated	8	100.00%	1948	8	8
Dornstetten	Consolidated	8	100.00%	1943	8	8
Kinsau	Consolidated	8	100.00%	1992	8	8
Lechblick	Consolidated	8	100.00%	1943	8	8
Finsing	Consolidated	8	100.00%	1924	8	8
Lechmühlen	Consolidated	8	100.00%	1943	8	8
Pitzling	Consolidated	8	100.00%	1944	8	8
Landsberg	Consolidated	8	100.00%	1943	8	8
Finsterau	Consolidated	8	100.00%	1950	8	8
Apfeldorf	Consolidated	7	100.00%	1944	7	7
Regensburg	Consolidated	8	77.49%	1977	6	7
Sperber	Consolidated	7	100.00%	1947	7	7
Bad Abbach	Consolidated	7	77.49%	1978	5	7

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on the German power plant portfolio (cont'd)

Hydro - Run-of-river (cont'd)

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Ottendorf	Consolidated	7	77.49%	1962	5	6
Viereth	Consolidated	7	77.49%	1925/1983	5	6
Gottfrieding TW	Consolidated	5	100.00%	2009	5	5
Schönmühl	Consolidated	5	100.00%	1922	5	5
Kesselstadt	Consolidated	5	100.00%	1921/1986	5	5
Gottfrieding	Consolidated	6	100.00%	1978	5	5
Freudenberg	Consolidated	5	77.49%	1934	3	4
Dettelbach	Consolidated	4	77.49%	1958	3	4
Rothenfels	Consolidated	5	77.49%	1939	3	4
Steinbach	Consolidated	4	77.49%	1939	3	4
Faulbach	Consolidated	4	77.49%	1939	3	4
Haag	Consolidated	4	100.00%	1923/1991	4	4
Offenbach	Consolidated	4	100.00%	1985	4	4
Pullach	Consolidated	5	100.00%	1904	4	4
Garstadt	Consolidated	4	77.49%	1956	3	4
Hirschaid	Consolidated	5	100.00%	1923	4	4

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on the German power plant portfolio (cont'd)

Hydro - Run-of-river (cont'd)

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Limbach	Consolidated	4	77.49%	1951	3	4
Abbach TW	Consolidated	4	77.49%	2000	3	4
Heubach	Consolidated	4	77.49%	1932	3	3
Wallstadt	Consolidated	4	77.49%	1930	3	3
Obernau	Consolidated	3	77.49%	1930	3	3
Eichel	Consolidated	3	77.49%	1939	2	3
Höllriegelskreuth	Consolidated	4	100.00%	1894/1940	3	3
Klingenberg	Consolidated	3	77.49%	1930	2	3
Harrbach	Consolidated	3	77.49%	1940	2	3
Kitzingen	Consolidated	3	77.49%	1956	2	3
Knetzgau	Consolidated	3	77.49%	1960	2	3
Wipfeld	Consolidated	3	77.49%	1951	2	3
Forchheim	Consolidated	3	77.49%	1964	2	3
Erlabrunn	Consolidated	3	77.49%	1934	2	3
Lengfurt	Consolidated	3	77.49%	1940	2	3
Himmelstadt	Consolidated	3	77.49%	1940	2	3

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on the German power plant portfolio (cont'd)

Hydro - Run-of-river (cont'd)

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Gerlachshausen	Consolidated	3	77.49%	1957	2	2
Regensburg TW	Consolidated	2	77.49%	1990	2	2
Niedernach	Consolidated	2	100.00%	1951	2	2
Marktbreit	Consolidated	2	77.49%	1955	2	2
Goßmannsdorf	Consolidated	2	77.49%	1952	2	2
Randersacker	Consolidated	2	77.49%	1950	2	2
Hausen	Consolidated	2	77.49%	1965	2	2
Volkach	Consolidated	2	77.49%	1957	1	2
Speicherseekraftwerk	Consolidated	2	100.00%	1951	1	1
Klein Kinsau	Consolidated	2	100.00%	1992	1	1
Oberföhring	Consolidated	1	100.00%	2008	1	1
Untere Mainmühle	Consolidated	1	77.49%	1924/1988	1	1
Dietfurt TW	Consolidated	1	77.49%	1991	0	1
Finsing Bachsammler	Consolidated	0	100.00%	1950	0	0
Kesselbach	Consolidated	0	100.00%	1919	0	0
Krün	Consolidated	0	100.00%	1990	0	0

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on the German power plant portfolio (cont'd)

Hydro - Run-of-river (cont'd)

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Lochbach	Consolidated	0	100.00%	1983	0	0
Neuses	Consolidated	0	77.49%	2015	0	0
Hallerndorf	Consolidated	0	100.00%	1952	0	0
Happach	Consolidated	0	100.00%	1958	0	0
Kaupersberg	Consolidated	0	100.00%	1921	0	0
Altenstadt	Not consolidated	1	60.00%	1990	0	0
Au	Not consolidated	10	60.00%	1930	6	0
Dillingen	Not consolidated	7	46.49%	1981	3	0
Donauwörth	Not consolidated	9	46.49%	1984	4	0
Faimingen	Not consolidated	10	46.49%	1965	5	0
Gundelfingen	Not consolidated	7	46.49%	1964	3	0
Günzburg	Not consolidated	9	46.49%	1962	4	0
Höchstädt	Not consolidated	10	46.49%	1982	5	0
Leipheim	Not consolidated	9	46.49%	1961	4	0
Oberelchingen	Not consolidated	9	46.49%	1960	4	0
Offingen	Not consolidated	7	46.49%	1963	3	0

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on the German power plant portfolio (cont'd)

Hydro - Run-of-river (cont'd)

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Schweinfurt	Not consolidated	4	58.12%	1963	2	0
Schwenningen	Not consolidated	9	46.49%	1983	4	0
Untereichen	Not consolidated	10	60.00%	1930	6	0
Total		**1,028**			**810**	**838**

Hard coal

Site[1]	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Heyden	Consolidated	875	100.00%	1987	875	875
Wilhelmshaven	Consolidated	757	100.00%	1976	757	757
Staudinger 5	Consolidated	510	100.00%	1992	510	510
Scholven B	Consolidated	345	100.00%	1968	345	345
Scholven C	Consolidated	345	100.00%	1969	345	345
Scholven FWK Buer	Consolidated	138	100.00%	1985	70	70
Kiel	Not consolidated	323	50.00%	1970	162	0
Total		**3,293**			**3,064**	**2,902**

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

1. Veltheim 3 decommissioned in 2016 (see list of decommissioned or disposed asets)

Details on the German power plant portfolio (cont'd)

Lignite

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Schkopau A+B	Consolidated	900	58.10%	1996	500	900
Total		**900**			**500**	**900**

Gas

Site[1]	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Irsching 5	Consolidated	846	50.20%	2010	425	846
Staudinger 4	Consolidated	622	100.00%	1977	622	622
Irsching 4	Consolidated	550	100.00%	2011	550	550
Franken I/2	Consolidated	440	100.00%	1976	440	440
Franken I/1	Consolidated	383	100.00%	1973	383	383
Huntorf	Consolidated	321	100.00%	1978	321	321
Kirchmöser	Consolidated	178	100.00%	1995	160	160
Total		**3,340**			**2,901**	**3,322**

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding
Veltheim 4 and Ummeln GT decommissioned in 2016 (see list of decommissioned or disposed asets)

Details on the German power plant portfolio (cont'd)

Other

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Irsching 3	Consolidated	415	100.00%	1974	415	415
Pleinting 2[1]	Consolidated	402	100.00%	1976	0	0
Ingolstadt 3	Consolidated	386	100.00%	1973	386	386
Ingolstadt 4	Consolidated	386	100.00%	1974	386	386
Pleinting 1[1]	Consolidated	292	100.00%	1968	0	0
Kiel/Audorf	Consolidated	87	100.00%	1973	87	87
Kiel/Itzehoe	Consolidated	88	100.00%	1972	88	88
Wilhelmshaven GT	Consolidated	56	100.00%	1973	56	56
Total		**2,112**			**1,418**	**1,418**

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

1. Pleinting 1 and Pleinting 2 facility mothballed in 2016

Details on the UK power plant portfolio

Hard coal

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Ratcliffe U1	Consolidated	500	100.00%	1967	500	500
Ratcliffe U2	Consolidated	500	100.00%	1968	500	500
Ratcliffe U3	Consolidated	500	100.00%	1969	500	500
Ratcliffe U4	Consolidated	500	100.00%	1970	500	500
Total		**2,000**			**2,000**	**2,000**

Gas

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Grain 6	Consolidated	455	100.00%	2011	455	455
Grain 7	Consolidated	455	100.00%	2011	455	455
Grain 8	Consolidated	455	100.00%	2011	455	455
Killingholme Mod 1[1]	Consolidated	300	100.00%	1992	300	300
Killingholme Mod 2[2]	Consolidated	300	100.00%	1992	300	300
Enfield	Consolidated	408	100.00%	2002	408	408
Cottam Development Centre	Consolidated	395	100.00%	1998	395	395

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

1. Killingholme 1 and 2 have been converted from CCGT to OCGT mid 2016 by reducing total capacity of both units from 900MW to 600MW

Details on the UK power plant portfolio (cont'd)

Gas (cont'd)

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Connah's Quay U1	Consolidated	345	100.00%	1996	345	345
Connah's Quay U2	Consolidated	345	100.00%	1996	345	345
Connah's Quay U3	Consolidated	345	100.00%	1996	345	345
Connah's Quay U4	Consolidated	345	100.00%	1996	345	345
Taylors Lane GT2	Consolidated	68	100.00%	1981	68	68
Taylors Lane GT3	Consolidated	64	100.00%	1979	64	64
Grain Aux GT1	Consolidated	28	100.00%	1979	27	27
Grain Aux GT4	Consolidated	27	100.00%	1984	28	28
Total		**4,335**			**4,335**	**4,335**

Other

Site[1]	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Ratcliffe Aux GT2	Consolidated	17	100.00%	1968	17	17
Ratcliffe Aux GT4	Consolidated	17	100.00%	1970	17	17
Total		**34**			**34**	**34**

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

1. Ironbridge 2 decommissioned in 2016 (see list of decommissioned or disposed asets)

Details on the Swedish power plant portfolio

Hydro - Storage

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Hjälta	Consolidated	178	100.00%	1949	178	178
Ramsele	Consolidated	171	100.00%	1958	163	163
Moforsen	Consolidated	140	100.00%	1968	140	140
Storfinnforsen	Consolidated	120	100.00%	1953	112	112
Bålforsen	Consolidated	88	100.00%	1958	88	88
Hällby	Consolidated	84	100.00%	1970	84	84
Edensforsen	Consolidated	73	100.00%	1956	73	73
Trångfors	Consolidated	73	100.00%	1975	73	73
Gulsele	Consolidated	72	100.00%	1955	72	72
Degerforsen	Consolidated	78	100.00%	1965	78	78
Edsele	Consolidated	60	100.00%	1965	60	60
Rätan	Consolidated	60	100.00%	1968	60	60
Lövön	Consolidated	36	100.00%	1973	36	36
Borgforsen	Consolidated	26	100.00%	1965	26	26
Betsele	Consolidated	26	100.00%	1965	25	25
Flåsjö	Consolidated	29	100.00%	1975	20	20

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on the Swedish power plant portfolio (cont'd)

Hydro - Storage (cont'd)

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Yngeredsfors	Consolidated	19	100.00%	1964	19	19
Turinge	Consolidated	18	100.00%	1961	18	18
Bodum	Consolidated	13	100.00%	1975	12	12
Fjällsjö	Consolidated	13	100.00%	1976	12	12
Ledinge	Consolidated	10	100.00%	1982	10	10
Skåpanäs	Consolidated	9	100.00%	1957	9	9
Skogsforsen	Consolidated	8	100.00%	1939	8	8
Semla	Consolidated	3	100.00%	1920/1988	3	3
Rundbacken	Consolidated	2	100.00%	1916	2	2
Graninge	Consolidated	2	100.00%	1960	2	2
Lafssjö	Consolidated	2	100.00%	1980	2	2
Karlsnäs	Consolidated	1	100.00%	1952	1	1
Bergeforsen	Not consolidated	155	43.15%	1955	67	0
Blåsjön	Not consolidated	60	50.00%	1957	30	0
Gammelänge	Not consolidated	78	6.60%	1944	5	0
Krångede	Not consolidated	248	9.24%	1936	23	0

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on the Swedish power plant portfolio (cont'd)

Hydro - Storage (cont'd)

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Kvarnfallet	Not consolidated	19	50.00%	1969	10	0
Linnvasselv	Not consolidated	70	9.86%	1962	7	0
Sippmikk	Not consolidated	4	50.00%	1953	2	0
Sollefteå	Not consolidated	71	50.00%	1966	31	0
Stensjöfallet	Not consolidated	95	50.00%	1968	48	0
Total		**2,213**			**1,607**	**1,385**

Hydro - Run-of-river

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Forsse	Consolidated	59	100.00%	1968	52	52
Hällforsen	Consolidated	22	100.00%	1964	23	23
Ätrafors	Consolidated	13	100.00%	1917/1930	13	13
Sil	Consolidated	13	100.00%	1976	12	12
Granö	Consolidated	9	100.00%	1958	9	9

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on the Swedish power plant portfolio (cont'd)

Hydro - Run-of-river (cont'd)

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Bällforsen	Consolidated	8	100.00%	1950	8	8
Bursnäs	Consolidated	8	100.00%	1961	8	8
Genastorp	Consolidated	7	100.00%	1969	7	7
Torsebro	Consolidated	6	100.00%	1982	6	6
Nöbbelöv	Consolidated	4	100.00%	1956	4	4
Broby	Consolidated	4	100.00%	1959	4	4
Hemsjö Övre	Consolidated	4	100.00%	1907	4	4
Högsby	Consolidated	4	100.00%	1920	4	4
Njura	Consolidated	2	100.00%	1962	2	2
Hornsö	Consolidated	2	100.00%	1993	2	2
Storå	Consolidated	2	100.00%	1961	2	2
Östanå	Consolidated	2	100.00%	1943	2	2
Finsjö Nedre	Consolidated	2	100.00%	1993	2	2
Högfors	Consolidated	2	100.00%	1978	2	2
Horkoneryd	Consolidated	2	100.00%	1984	2	2
Blankaström	Consolidated	2	100.00%	1917	2	2

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on the Swedish power plant portfolio (cont'd)

Hydro - Run-of-river (cont'd)

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Emsfors	Consolidated	2	100.00%	1952	2	2
Hemsjö Nedre	Consolidated	2	100.00%	1917	2	2
Västgöthyttefors	Consolidated	2	100.00%	1921	2	2
Delary	Consolidated	2	100.00%	1949	2	2
Knislinge	Consolidated	2	100.00%	1925/1976	2	2
Ronneby	Consolidated	2	100.00%	1950	2	2
Kallinge	Consolidated	1	100.00%	1985	1	1
Djupafors	Consolidated	1	100.00%	1948	1	1
Fagersta	Consolidated	1	100.00%	1988	1	1
Västanfors	Consolidated	1	100.00%	1948	1	1
Morgårdshammar	Consolidated	1	100.00%	1982	1	1
Uddnäs	Consolidated	1	100.00%	1988	1	1
Marieberg	Consolidated	1	100.00%	1918	1	1
Uman	Consolidated	1	100.00%	1990	1	1
Verperyd	Consolidated	1	100.00%	1921	1	1
Brantafors	Consolidated	1	100.00%	1921	1	1

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on the Swedish power plant portfolio (cont'd)

Hydro - Run-of-river (cont'd)

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Finsjö Övre	Consolidated	1	100.00%	1920	1	1
Karlslund	Consolidated	1	100.00%	1980	1	1
Lagfors	Consolidated	1	100.00%	1989	1	1
Klåvben	Not consolidated	3	50.00%	1949	1	0
Total		**203**			**195**	**193**

Nuclear

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Oskarshamn 3	Consolidated	1400	54.50%	1985	763	1,400
Oskarshamn 2[1]	Consolidated	638	54.50%	1974	0[1]	0
Oskarshamn 1	Consolidated	473	54.50%	1972	258	473
Forsmark 1	Not consolidated	984	9.30%	1980	92	0
Forsmark 2	Not consolidated	1120	9.30%	1981	104	0
Forsmark 3	Not consolidated	1170	10.80%	1985	126	0

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding.
1. Oskarshamn 2 facility mothballed in 2016

Details on the Swedish power plant portfolio (cont'd)

Nuclear (cont'd)

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Ringhals 1	Not consolidated	881	29.60%	1976	261	0
Ringhals 2	Not consolidated	904	29.60%	1975	267	0
Ringhals 3	Not consolidated	1063	29.60%	1981	315	0
Ringhals 4	Not consolidated	1106	29.60%	1983	327	0
Total		**9,739**			**2,513**	**1,873**

Gas

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Öresundsverket	Consolidated	448	100.00%	2009	448	448
Halmstad GT 12	Consolidated	172	100.00%	1992	172	172
Halmstad GT 11	Consolidated	78	100.00%	1972	78	78
Öresundsverket GT G24	Consolidated	63	100.00%	1971	63	63
Öresundsverket GT G25	Consolidated	63	100.00%	1972	63	63

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on the Swedish power plant portfolio (cont'd)

Gas (cont'd)

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Barsebäck GT1	Consolidated	42	100.00%	1974	42	42
Barsebäck GT2	Consolidated	42	100.00%	1974	42	42
Karlshamn G13	Consolidated	37	100.00%	1973	37	37
Öresundsverket Diesel G26	Consolidated	3	100.00%	2015	3	3
Total		**948**			**948**	**948**

Other

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Karlshamn G2	Consolidated	334	100.00%	1971	334	334
Karlshamn G3	Consolidated	328	100.00%	1973	328	328
Total		**662**			**662**	**662**

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on the French power plant portfolio

Hard Coal

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Emile Huchet 6	Consolidated	595	100.00%	1981	595	595
Provence 5	Consolidated	595	100.00%	1984	595	595
Total		**1,190**			**1,190**	**1,190**

Gas

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Emile Huchet 7	Consolidated	414	100.00%	2010	414	414
Emile Huchet 8	Consolidated	414	100.00%	2010	414	414
Total		**828**			**828**	**828**

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on the French power plant portfolio (cont'd)

Onshore Wind

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Kergrist	Consolidated	26	100.00%	2010	26	26
Caulières	Consolidated	18	100.00%	2010	18	18
Ambon	Consolidated	10	100.00%	2008	10	10
Muzillac	Consolidated	10	100.00%	2008	10	10
Lehaucourt	Consolidated	10	100.00%	2007	10	10
Les Vents de Cernon 1	Consolidated	10	100.00%	2008	10	10
Total		**84**			**84**	**84**

Solar

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Brigadel	Consolidated	8	100.00%	2011	8	8
Le Lauzet	Consolidated	3	100.00%	2010	3	3
Total		**11**			**11**	**11**

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on the Benelux power plant portfolio

Hard coal (Netherlands)

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Maasvlakte 3	Consolidated	1070	100.00%	2013	1070	1,070
Maasvlakte 1	Consolidated	555	100.00%	1988	535	535
Maasvlakte 2	Consolidated	555	100.00%	1987	535	535
Total		**2,180**			**2,140**	**2,140**

Hard coal (Belgium)

Site[1]	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Total		**0**			**0**	**0**

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

1. Langerlo 1 and Langerlo 2 disposed in 2016 (see list of decommissioned or disposed asets)

Details on the Benelux power plant portfolio (cont'd)

Gas (Netherlands)

Site[1]	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Rotterdam Capelle GT 3	Consolidated	220	100.00%	1996	213	213
Den Haag CHP	Consolidated	112	100.00%	1981	107	107
Leiden CHP	Consolidated	83	100.00%	2004	85	85
UCML	Consolidated	70	100.00%	2003	70	70
Rotterdam Capelle GT 1	Consolidated	24	100.00%	1982	26	26
Rotterdam Capelle GT 2	Consolidated	25	100.00%	1982	25	25
UCML BPT	Consolidated	8	100.00%	2003	8	8
Total		**542**			**534**	**534**

Gas (Belgium)

Site[2]	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Vilvoorde	Consolidated	265	100.00%	2001	265	265
Total		**265**			**265**	**265**

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

1. Galileistraat CHP decommissioned in 2016 (see list of decommissioned or disposed asets)
2. Langerlo 3 and Langerlo 4 disposed in 2016 (see list of decommissioned or disposed asets)

Details on the remaining power plant portfolio

Gas (Hungary)

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Gönyü	Consolidated	428	100.00%	2011	428	428
Total		**428**			**428**	**428**

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on assets decommissioned or disposed in 2016

Hard coal (Germany)

Site	Capacity '15 (technical, MW)	Stake	COD	Pro-rata '15 (MW)	Accounting '15 (MW)
Veltheim 3	303	66.60%	1970	202	303
Total	**303**			**202**	**303**

Gas (Germany)

Site	Capacity '15 (technical, MW)	Stake	COD	Pro-rata '15 (MW)	Accounting '15 (MW)
Veltheim 4	400	66.60%	1974	266	400
Ummeln GT	55	66.60%	1974	37	55
Total	**455**			**303**	**455**

Other (UK)

Site	Capacity '15 (technical, MW)	Stake	COD	Pro-rata '15 (MW)	Accounting '15 (MW)
Ironbridge 2	360	100.00%	1970	360	360
Total	**360**			**360**	**360**

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on assets decommissioned or disposed in 2016 (cont'd)

Hard coal – Benelux (Belgium)

Site	Capacity '15 (technical, MW)	Stake	COD	Pro-rata '15 (MW)	Accounting '15 (MW)
Langerlo 1	235	100.00%	1975	235	235
Langerlo 2	235	100.00%	1975	235	235
Total	**470**			**470**	**470**

Gas – Benelux (Netherlands)

Site	Capacity '15 (technical, MW)	Stake	COD	Pro-rata '15 (MW)	Accounting '15 (MW)
Galileistraat CHP	204	100.00%	1988	204	204
Total	**204**			**204**	**204**

Gas – Benelux (Belgium)

Site	Capacity '15 (technical, MW)	Stake	COD	Pro-rata '15 (MW)	Accounting '15 (MW)
Langerlo 3	43	100.00%	1988	43	43
Langerlo 4	43	100.00%	1988	43	43
Total	**86**			**86**	**86**

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

International Power (Asset List)

Details on the Russian power plant portfolio

Gas

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Surgutskaya TG 1	Consolidated	790	83.73%	1985	661	790
Surgutskaya TG 2	Consolidated	790	83.73%	1985	661	790
Surgutskaya TG 3	Consolidated	790	83.73%	1986	661	790
Surgutskaya TG 4	Consolidated	790	83.73%	1987	661	790
Surgutskaya TG 5	Consolidated	790	83.73%	1987	661	790
Surgutskaya TG 6	Consolidated	790	83.73%	1988	661	790
Yaivinskaya TG 5	Consolidated	410	83.73%	2011	343	410
Surgutskaya TG 8	Consolidated	390	83.73%	2011	326	390
Surgutskaya TG 7	Consolidated	386	83.73%	2011	324	386
Shaturskaya TG 7	Consolidated	383	83.73%	2010	320	383
Shaturskaya TG 4	Consolidated	196	83.73%	1978	164	196
Shaturskaya TG 5	Consolidated	196	83.73%	1978	164	196
Smolenskaya TG 1	Consolidated	195	83.73%	1978	163	195
Smolenskaya TG 2	Consolidated	195	83.73%	1979	163	195
Smolenskaya TG 3	Consolidated	195	83.73%	1985	163	195
Shaturskaya TG 1	Consolidated	186	83.73%	1971	156	186

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on the Russian power plant portfolio (cont'd)

Gas (cont'd)

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Shaturskaya TG 2	Consolidated	186	83.73%	1972	156	186
Shaturskaya TG 3	Consolidated	186	83.73%	1972	156	186
Yaivinskaya TG 1	Consolidated	140	83.73%	1963	117	140
Yaivinskaya TG 2	Consolidated	140	83.73%	1964	117	140
Yaivinskaya TG 3	Consolidated	140	83.73%	1964	117	140
Yaivinskaya TG 4	Consolidated	140	83.73%	1965	117	140
Shaturskaya TG 6	Consolidated	75	83.73%	1982	62	75
Total		**8,479**			**7,100**	**8,479**

Lignite

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Berezovskaya GRES TG 1	Consolidated	754	83.73%	1987	632	754
Berezovskaya GRES TG 2	Consolidated	754	83.73%	1991	632	754
Berezovskaya GRES TG 3[1]	Consolidated	754	83.73%	2015	632	754
Total		**2,263**			**1,895**	**2,263**

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

1. Berezovskaya GRES TG 3 facility currently under unscheduled repairs

Details on the Brazilian power plant portfolio

Gas

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Parnaiba I	Not consolidated	668	8.26%	2013	55	0
Parnaiba II	Not consolidated	512	8.26%	2015	42	0
Parnaiba III	Not consolidated	174	8.26%	2013	14	0
Parnaiba IV	Not consolidated	55	8.26%	2013	5	0
Total		**1,409**			**116**	**0**

Hard coal

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Pecem II	Not consolidated	334	54.13%	2013	168	0
Itaqui	Not consolidated	322	8.26%	2013	27	0
Total		**656**			**194**	**0**

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Details on the remaining power plant portfolio

Czech Republic

Site	Consolidation	Capacity (technical, MW)	Stake	COD	Pro-rata (MW)	Accounting (MW)
Teplarna Tabor	Consolidated	19	51.95%	1991	10	19
Solar Energy Znojmo	Not consolidated	1	24.98%	2008	0	0
Bioplyn Trebon	Not consolidated	1	24.67%	1974	0	0
Total		**21**			**10**	**19**

Note: Plants shown include those plants that were in operation at end of 2016; totals shown are exact figures – deviations possible due to rounding

Global Commodities (Storage and Pipelines)

Portfolio of gas storages

Gas storage portfolio at a glance

Storage	Country	Capacity[1]	Main applications
Epe L-Gas		0.4	Peak shaving
Krummhörn		0.2	Peak shaving
Nüttermoor		0.1	Peak shaving
Rönne		<0.1	Peak shaving
Epe H-Gas		1.4	Peak shaving and seasonal use
Eschenfelden		<0.1	Peak shaving and seasonal use
Hähnlein		0.0	Peak shaving and seasonal use
Etzel ESE		1.2	Seasonal use and peak shaving
Etzel EGL		1.0	Seasonal use and peak shaving
Kraak		0.3	Seasonal use and peak shaving
Stockstadt		0.0	Seasonal use and peak shaving
Breitbrunn		1.0	Seasonal use
Bierwang		0.9	Mainly seasonal use
7 Fields		1.7	Mainly seasonal use
Holford		0.2	Peak shaving
Total		**8.5**	

1. In billion cubic meters (as of 31 December 2016)

Key value drivers

Arbitrage

- Storage can enable time arbitrage value to be captured – gas is injected at times of low prices and withdrawn at times of higher prices
- For seasonal storage this is usually summer and peak winter months, for mid and fast churn storage (peak shaving) arbitrage vale can be captured over shorter time periods

System

- Storage close to demand centers can help to lower network investment costs by reducing size of pipelines to meet peak demand
- System operators can require location swaps or certain gas qualities to ensure system stability; storage can be used to support this

Insurance

- Storage can provide a safeguard against the high impact of unexpected technical failures, geopolitical risk or severe weather
- A “security of supply” premium is not currently compensated by the system given well-supplied European gas markets

Pipeline participations

OPAL

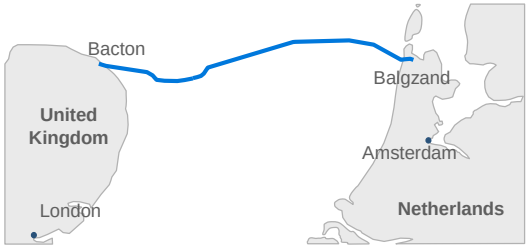
Key metrics	
Stake	20%[1,2]
Capacity (100%)	36.5 bcm/a
Start-up date	2011

Business description

- Runs from the Nord Stream landfall point in Northern Germany over c. 470km south to the end point at the German-Czech border
- Pro-rata transmission capacity long-term marketed to customers
- Technical operation provided by majority owner OPAL Gastransport which is indirectly owned by Wintershall and Gazprom

Source: OPAL Gastransport GmbH

BBL



Key metrics	
Stake	20%[1]
Capacity (100%)	16 bcm/a
Start-up date	2006

Business description

- 235km gas pipeline through the Southern part of the North Sea, connecting the Netherlands and the UK
- Capacity marketed via standardised auctions for certain products (forward flow, interruptible forward flow, interruptible reverse flow)
- The other partners in BBL are Gasunie (60%) and Fluxys (20%)

Source: BBL Company

Transitgas

Key metrics	
Stake	3%[1]
Capacity (100%)	18 bcm/a
Start-up date	1974

Business description

- Pipeline system with a combined length of c. 292km, crossing Switzerland from North to South, with a connection to the French grid in the West and the Italian grid in the South
- Constructed, maintained and operated by Transitgas AG, which is a partnership between Swissgas (51%), FluxSwiss (46%) and Uniper (3%)

Source: Transitgas AG

1. Stake as of 31 December 2016
2. Stake held by means of Bruchteilsgemeinschaft through 100% subsidiary Lubmin-Brandov Gastransport GmbH

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