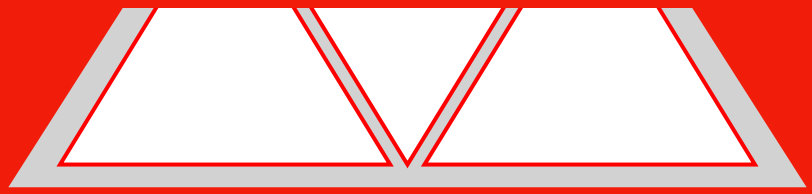
E.ON – Cleaner & better energy

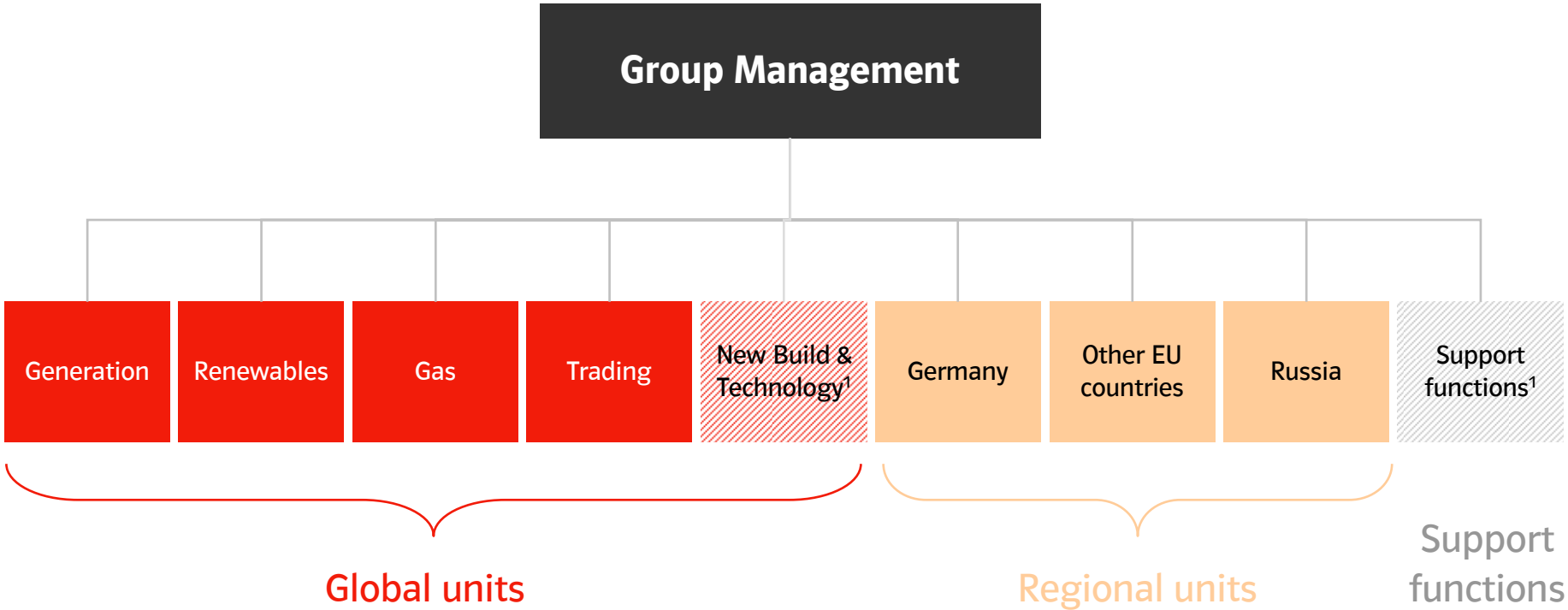


Facts & Figures 2011

Content

Content

Group structure



Reduced layers – key enabler to optimal strategy execution

[1] Not a reporting segment.

Content

Nuclear - Location of generation assets

Generation capacity (MW)[1]

	2010	In %
Germany	8,555	75
Sweden	2,795	25
Total	**11,350**	

Generation output (GWh)[1]

	2010	In %
Germany	59,896	83
Sweden	12,052	17
Total	**71,948**	

[1] As of December 31, 2010.

Nuclear power stations

Germany[1]

		Shareholders	Consolidation[2]	Capacity (net MW)	E.ON share %	E.ON share MW	Start-up date
1	Brokdorf	E.ON/VE	2	1,410	80.0	1,128	1986
2	Brunsbüttel[3]	E.ON/VE	3	771	33.3	257	1976
3	Emsland	E.ON/RWE	3	1,329	12.5	166	1988
4	Grafenrheinfeld	E.ON	2	1,275	100.0	1,275	1981
5	Grohnde	E.ON/Stw. Bielefeld	2	1,360	83.3	1,133	1984
6	Gundremmingen B	E.ON/RWE	1	1,284	25.0	321	1984
6	Gundremmingen C	E.ON/RWE	1	1,288	25.0	322	1984
7	Isar 1[3]	E.ON	2	878	100.0	878	1977
7	Isar 2	E.ON/SWM	1	1,410	75.0	1,058	1988
8	Krümmel[3]	E.ON/VE	3	1,346	50.0	673	1983
9	Unterweser[3]	E.ON	2	1,345	100.0	1,345	1978
	Total			**13,696**		**8,555**	

Sweden[1]

		Shareholders	Consolidation[2]	Capacity (net MW)	E.ON share %	E.ON share MW	Start-up date
1	Forsmark 1	MKG/Vattenfall	3	1,097	9.3	102	1980
1	Forsmark 2	MKG/Vattenfall	3	1,109	9.3	103	1981
1	Forsmark 3	MKG/Vattenfall	3	1,170	10.8	126	1985
2	Oskarshamn 1	E.ON Sverige/Fortum	2	473	54.5	258	1972
2	Oskarshamn 2	E.ON Sverige/Fortum	2	638	54.5	348	1975
2	Oskarshamn 3	E.ON Sverige/Fortum	2	1,400	54.5	763	1985
3	Ringhals 1	E.ON Sverige/Vattenfall	3	855	29.6	253	1976
3	Ringhals 2	E.ON Sverige/Vattenfall	3	866	29.6	256	1975
3	Ringhals 3	E.ON Sverige/Vattenfall	3	1,043	29.6	309	1981
3	Ringhals 4	E.ON Sverige/Vattenfall	3	935	29.6	277	1983
	Total			**9,586**		**2,795**	

[1] As of December 31, 2010..
[2] Consolidation: 1 E.ON share · 2 Full consolidation · 3 Power procurement from non-consolidated jointly-owned power plants · 4 Operations responsibility only, not consolidated.
[3] Permanently shut down following German Government decision.

Steam - Location of generation assets

Generation capacity (MW)[1]

	2010	In %
Germany	9,837	43
UK	4,908	22
Sweden	942	4
France	3,150	14
Netherlands	1,618	7
Italy	980	4
Spain	1,359	6
Total	**22,794**	

Generation output (GWh)[1]

	2010	In %
Germany	34,709	47
UK	13,700	19
Sweden	196	-
France	7,960	11
Netherlands	9,319	13
Italy	3,726	5
Spain	4,087	5
Total	**73,697**	

[1] As of December 31, 2010.

Steam power stations (1)

Germany[1]

		Shareholders	Consolidation[2]	Fuel Type[3]	Capacity (net MW)	E.ON share %	E.ON share MW	Start-up date
1	**Datteln 1**	E.ON	2	HC	95	100.0	95	1964
1	**Datteln 2**	E.ON	2	HC	95	100.0	95	1964
1	**Datteln 3**	E.ON	2	HC	113	100.0	113	1969
2	**GKW Weser/Veltheim 3**	E.ON/Stw. Bielefeld	2	HC	303	66.7	202	1970
2	**GKW/ Veltheim 4 GT**	E.ON	2	O	400	100.0	400	1974
3	**Heyden**	E.ON	2	HC	875	100.0	875	1987
4	**Kiel**	E.ON/Stw. Kiel	3	HC	323	50.0	162	1970
5	**Knepper C**	E.ON	2	HC	345	100.0	345	1971
6	**Scholven B**	E.ON	2	HC	345	100.0	345	1968
6	**Scholven C**	E.ON	2	HC	345	100.0	345	1969
6	**Scholven D**	E.ON	2	HC	345	100.0	345	1970
6	**Scholven E**	E.ON	2	HC	345	100.0	345	1971
6	**Scholven F**	E.ON	2	HC	676	100.0	676	1979
6	**Scholven FWK**	E.ON	2	HC	70	100.0	70	1985
7	**Shamrock**	E.ON	2	HC	132	100.0	132	1957
8	**Staudinger1**	E.ON	2	HC	249	100.0	249	1965
8	**Staudinger 3**	E.ON	2	HC	293	100.0	293	1970
8	**Staudinger 4**	E.ON	2	O	622	100.0	622	1977
8	**Staudinger 5**	E.ON	2	HC	510	100.0	510	1992
9	**Wilhelmshaven**	E.ON	2	HC	757	100.0	757	1976
9	**Wilhelmshaven GT**	E.ON	2	O	56	100.0	56	1973
10	**Ingolstadt 3**	E.ON	2	O	386	100.0	386	1973
10	**Ingolstadt 4**	E.ON	2	O	386	100.0	386	1974
11	**Franken I/1**	E.ON	2	O	383	100.0	383	1973
11	**Franken I/2**	E.ON	2	O	440	100.0	440	1977
12	**Huntorf**	E.ON	2	O	321	100.0	321	1977
13	**GT Ummeln**	E.ON	2	O	55	66.7	37	1975
14	**Buschhaus**	E.ON	2	L	352	66.7	352	1985
15	**Schkopau**	E.ON/Saale Energie	1	L	900	55.6	500	1995
	Total				**10,517**		**9,837**	

[1] As of December 31, 2010.
[2] Consolidation: 1 E.ON share · 2 Full consolidation · 3 Power procurement from non-consolidated jointly-owned power plants · 4 Operations responsibility only, not consolidated.
[3] HC: Hard coal · L: Lignite · O: Oil.

Steam power stations (2)

UK[1]

		Shareholders	Consolidation[2]	Fuel Type[3]	Capacity (net MW)	E.ON share %	E.ON share MW	Start-up date
1	**Ironbridge U1**	E.ON	2	HC	470	100.0	470	1970
1	**Ironbridge U2**	E.ON	2	HC	470	100.0	470	1970
2	**Kingsnorth U1**	E.ON	2	HC	485	100.0	485	1970
2	**Kingsnorth U2**	E.ON	2	HC	485	100.0	485	1971
2	**Kingsnorth U3**	E.ON	2	HC	485	100.0	485	1972
2	**Kingsnorth U4**	E.ON	2	HC	485	100.0	485	1973
2	**Kingsnorth Aux GT1**	E.ON	2	O	17	100.0	17	1967
2	**Kingsnorth Aux GT4**	E.ON	2	O	17	100.0	17	1968
3	**Ratcliffe U1**	E.ON	2	HC	490	100.0	490	1968
3	**Ratcliffe U2**	E.ON	2	HC	490	100.0	490	1969
3	**Ratcliffe U3**	E.ON	2	HC	490	100.0	490	1969
3	**Ratcliffe U4**	E.ON	2	HC	490	100.0	490	1970
3	**Ratcliffe Aux GT2**	E.ON	2	O	17	100.0	17	1967
3	**Ratcliffe Aux GT4**	E.ON	2	O	17	100.0	17	1968
	Total				**4,908**		**4,908**	

[1] As of December 31, 2010.
[2] Consolidation: 1 E.ON share · 2 Full consolidation · 3 Power procurement from non-consolidated jointly-owned power plants · 4 Operations responsibility only, not consolidated.
[3] HC: Hard coal · L: Lignite · O: Oil.

Steam power stations (3)

Sweden[1]

						E.ON share		
		Shareholders	Consolidation[2]	Fuel Type[3]	Capacity (net MW)	%	MW	Start-up date
1	Bråvalla	E.ON Sverige	2	O	240	100.0	240	1972
2	Karlshamn G1	E.ON Sverige	2	O	336	70.0	235	1971
2	Karlshamn G2	E.ON Sverige	2	O	336	70.0	235	1971
2	Karlshamn G3	E.ON Sverige	2	O	332	70.0	232	1973
	Total				**1,244**		**942**	

France[1]

						E.ON share		
		Shareholders	Consolidation[2]	Fuel Type[3]	Capacity (net MW)	%	MW	Start-up date
1	**Hornaing 3**	E.ON	2	HC	235	100.0	235	1959
2	**Emile Huchet 4**	E.ON	2	HC	115	100.0	115	1973
2	**Emile Huchet 5**	E.ON	2	HC	330	100.0	330	1981
2	**Emile Huchet 6**	E.ON	2	HC	600	100.0	600	1970
3	**Lucy 3**	E.ON	2	HC	245	100.0	245	1971
4	**Provence 4**	E.ON	2	HC	230	100.0	230	1967
4	**Provence 5**	E.ON	2	HC	595	100.0	595	1984
2	**Emilie Huchet 7**	E.ON	2	CCGT	400	100.0	400	2010
2	**Emilie Huchet 8**	E.ON	2	CCGT	400	100.0	400	2010
	Total				**3,150**		**3,150**	

[1] As of December 31, 2010.
[2] Consolidation: 1 E.ON share · 2 Full consolidation · 3 Power procurement from non-consolidated jointly-owned power plants · 4 Operations responsibility only, not consolidated.
[3] HC: Hard coal · L: Lignite · O: Oil · CCGT: Gas.

Steam power stations (4)

Netherlands[1]

						E.ON share		
		Shareholders	Consolidation[2]	Fuel Type[3]	Capacity (net MW)	%	MW	Start-up date
1	Maasvlakte 1[4]	E.ON	2	HC	531	100.0	531	1988
1	Maasvlakte 2[4]	E.ON	2	HC	531	100.0	531	1987
	Total				**1, 062**		**1,062**	

Belgium[1]

						E.ON share		
		Shareholders	Consolidation[2]	Fuel Type[3]	Capacity (net MW)	%	MW	Start-up date
1	Langerlo 1	E.ON	2	HC	224	100.0	224	1975
1	Langerlo 2	E.ON	2	HC	225	100.0	225	1975
	Total				**556**		**556**	

Italy[1]

						E.ON share		
		Shareholders	Consolidation[2]	Fuel Type[3]	Capacity (net MW)	%	MW	Start-up date
1	Fiume Santo	E.ON	2	HC	980	100.0	980	1983
	Total				**980**		**980**	

Spain[1]

						E.ON share		
		Shareholders	Consolidation[2]	Fuel Type[3]	Capacity (net MW)	%	MW	Start-up date
5	Los Barrios	E.ON	2	HC	570	100.0	570	1985
4	Puente Nuevo	E.ON	2	HC	299	100.0	299	1981
3	Puertollano	E.ON	2	HC	203	100.0	203	1872
1	Cercs	E.ON	2	HC	145	100.0	145	1971
2	Escucha	E.ON	2	HC	142	100.0	142	1970
	Total				**1, 359**		**1,359**	

[1] As of December 31, 2010..
[2] Consolidation: 1 E.ON share · 2 Full consolidation · 3 Power procurement from non-consolidated jointly-owned power plants · 4 Operations responsibility only, not consolidated.
[3] HC: Hard coal · L: Lignite · O: Oil · CCGT: Gas.
[4] Power station operated by E.ON Benelux under long-term cross-border leasing arrangement.

CCGT - Location of generation assets

Generation capacity (MW)[1]

	2010	In %
Germany	1,421	10
UK	4,910	34
Sweden	947	6
Italy	5,264	36
Spain	1,190	8
Netherlands	478	3
Slovakia[2]	418	3
Total	**14,628**	

Generation output (GWh)[1]

	2010	In %
Germany	3,889	11
UK	14,542	40
Sweden	2,567	7
Italy	8,178	23
Spain	4,472	12
Netherlands	2,200	6
Total	**35,848**	

[1] As of December 31, 2010.
[2] Commissioned end of December 2010.

CCGT power stations (1)

Germany[1]

		Shareholders	Consolidation[2]	Capacity (net MW)	E.ON share %	E.ON share MW	Start-up date
1	**Irsching 3**	E.ON	2	415	100.0	415	1974
1	**Irsching 5**	E.ON/other	2	846	50.2	425	2010
2	**Kirchmöser**	E.ON	2	160	100.0	160	1994
	Total			**1,421**		**1,000**	

UK[1]

		Shareholders	Consolidation[2]	Capacity (net MW)	E.ON share %	E.ON share MW	Start-up date
1	**Cottam Development Centre**	E.ON	2	390	100.0	390	1999
2	**Connahs Quay U1**	E.ON	2	345	100.0	345	1996
2	**Connahs Quay U2**	E.ON	2	345	100.0	345	1996
2	**Connahs Quay U3**	E.ON	2	345	100.0	345	1996
2	**Connahs Quay U4**	E.ON	2	345	100.0	345	1996
3	**Corby Module**	E.ON	2	345	50.0	173	1993
4	**Enfield**	E.ON	2	408	100.0	408	2002
5	**Killingholme Mod 1**	E.ON	2	450	100.0	450	1992
5	**Killingholme Mod 2**	E.ON	2	450	100.0	450	1993
6	**Taylors Lane GT2**	E.ON	2	68	100.0	68	1981
6	**Taylors Lane GT3**	E.ON	2	64	100.0	64	1979
7	**Grain U1**	E.ON	2	650	100.0	650	1982
7	**Grain U4**	E.ON	2	650	100.0	650	1984
7	**Grain Aux GT1**	E.ON	2	28	100.0	28	1979
7	**Grain Aux GT4**	E.ON	2	27	100.0	27	1980
	Total			**4,910**		**4,738**	

[1] As of December 31, 2010.
[2] Consolidation: 1 E.ON share · 2 Full consolidation · 3 Power procurement from non-consolidated jointly-owned power plants · 4 Operations responsibility only; not consolidated

CCGT power stations (2)

Sweden[1]

					E.ON share		
		Shareholders	Consolidation[2]	Capacity (net MW)	%	MW	Start-up date
1	Öresundsverket ÖVT (CHP)	E.ON Sverige	2	450	100.0	450	2009
1	Öresundsverket GT G24	E.ON Sverige	2	63	100.0	63	1972
1	Öresundsverket GT G25	E.ON Sverige	2	63	100.0	63	1973
2	Halmstad G11	E.ON Sverige	2	78	100.0	78	1972
2	Halmstad G12	E.ON Sverige	2	172	100.0	172	1992
3	Barsebäck G13	E.ON Sverige	2	42	100.0	42	1973
3	Barsebäck G14	E.ON Sverige	2	42	100.0	42	1973
4	Karlshamn G13	E.ON Sverige	2	37	100.0	37	1971
	Total			**947**		**947**	

Italy[1]

					E.ON share		
		Shareholders	Consolidation[2]	Capacity (net MW)	%	MW	Start-up date
2	Tavazzano	E.ON	2	1,740	100.0	1,740	1993
3	Ostiglia	E.ON	2	1,450	100.0	1,450	2004
6	Scandale	E.ON	2	814	50.0	407	2010
1	Livorno Ferraris	E.ON	2	805	75.0	604	2008
5	CET	E.ON	2	143	58.4	83	1997
4	CEF	E.ON	2	142	58.4	83	1999
7	Trapani	E.ON	2	170	100.0	170	1987
	Total			**5,264**		**4,542**	

[1] As of December 31, 2010.
[2] Consolidation: 1 E.ON share · 2 Full consolidation · 3 Power procurement from non-consolidated jointly-owned power plants · 4 Operations responsibility only; not consolidated.

CCGT power stations (3)

Spain[1]

		Shareholders	Consolidation[2]	Capacity (net MW)	E.ON share %	E.ON share MW	Start-up date
2	**Escatrón**	E.ON	2	804	100.0	804	2008
1	**Tarragona**	E.ON	2	386	100.0	386	2002
	Total			**1,190**		**1,190**	

Belgium[1]

		Shareholders	Consolidation[2]	Capacity (net MW)	E.ON share %	E.ON share MW	Start-up date
1	**Vilvoorde**	E.ON	2	385	100	385	2001
	Total			**385**		**385**	

Netherlands[1]

		Shareholders	Consolidation[2]	Capacity (net MW)	E.ON share %	E.ON share MW	Start-up date
1	**Delft 1-4 GT**	E.ON	2	93	100	93	1974
	Total			**93**		**93**	

Slovakia[1]

		Shareholders	Consolidation[2]	Capacity (net MW)	E.ON share %	E.ON share MW	Start-up date
1	**Malzenice**	E.ON	2	418	100	418	2010
	Total			**418**		**418**	

[1] As of December 31, 2010..

[2] Consolidation: 1 E.ON share · 2 Full consolidation · 3 Power procurement from non-consolidated jointly-owned power plants · 4 Operations responsibility only; not consolidated.

Swapped capacities – delivered capacities (1)

Delivered capacities[1]

	Shareholders	Consolidation[2]	Capactiy (net MW)	E.ON share %	E.ON share MW	Capacities delivered (MW)	Partner
Rostock	E.ON/Vattenfall/RWE	2	508	50.4	256	256	EDF
Buschhaus	E.ON	2	352	100.0	352	159	EDF
Gundremmingen B	RWE/E.ON	3	1,284	25.0	321	171	EDF
Gundremmingen C	RWE/E.ON	3	1,288	25.0	322	172	EDF
Krümmel	Vattenfall/E.ON	3	1,346	50.0	673	359	EDF
Unterweser	Vattenfall/E.ON	3	1,345	13.68	184	98	EDF
Gundremmingen B	RWE/E.ON	3	1,284	25.0	321	150	Electrabel
Gundremmingen C	RWE/E.ON	3	1,288	25.0	322	150	Electrabel
Krümmel	Vattenfall/E.ON	3	1,346	50.0	673	314	Electrabel
Unterweser	Vattenfall/E.ON	3	1,345	13.68	184	86	Electrabel
Lippendorf S	Vattenfall/E.ON	3	891	50.0	446	446	EnBW
Bexbach	EnBW/E.ON	3	714	11.0	79	79	EnBW
Inn Run of River	E.ON	2	312	100.0	312	312	Auction
Mehrum	E.ON/Stadtwerke Hannover/Braunschweiger Versorgungs-AG & Co. KG	3	690	50.0	345	345	Auction
Veltheim Block 2	E.ON/Stadtwerke Bielefeld	2	93	66.7	63	63	Auction
Veltheim Block 3	E.ON/Stadtwerke Bielefeld	2	303	66.7	202	202	Auction
Veltheim Block 4	E.ON/Stadtwerke Bielefeld	2	390	66.7	260	260	Auction
Veltheim Net	E.ON/Stadtwerke Bielefeld	2					Auction
Ummeln (gas turbine)	E.ON/Stadtwerke Bielefeld	2	56	66.7	37	37	Auction
Zolling	E.ON	2	449	100.0	449	449	Electrabel
Zolling (gas turbine)	E.ON	2	50	100.0	50	50	Electrabel
Zolling (biomass)	E.ON / FWV Freising	3	20	50.0	10	10	Electrabel
Farge	E.ON	2	350	100.0	350	350	Electrabel
KWG Jansen	E.ON	2	132	100.0	132	132	Electrabel
Total			**15,836**		**6,342**	**4,650**	

[1] As of December 31, 2010.

[2] Consolidation: 1 E.ON share · 2 Full consolidation · 3 Power procurement from non-consolidated jointly-owned power plants · 4 Operations responsibility only, not consolidated.

Swapped capacities – delivered capacities (2)

Delivered capacities[1]

	Shareholders	Consolidation[2]	Capactiy (net MW)	E.ON share %	E.ON share MW	Capacities delivered (MW)	Partner
Robert Frank	E.ON	2	491	100.0	491	491	Statkraft
Erzhausen	E.ON	2	220	100.0	220	220	Statkraft
Weser	E.ON	2	42	100.0	42	42	Statkraft
Emden	E.ON	2	433	100.0	433	433	Statkraft
Biomass Emden	E.ON	2	6	100.0	6	6	Statkraft
Biomass Landesbergen	E.ON	2	10	100.0	10	10	Statkraft
Total			**1,202**		**1,202**	**1,202**	

[1] As of December 31, 2010.

[2] Consolidation: 1 E.ON share · 2 Full consolidation · 3 Power procurement from non-consolidated jointly-owned power plants · 4 Operations responsibility only, not consolidated.

Swapped capacities – received capacities

Received capacities[1]

	Shareholders	Consolidation[2]	Capactiy (net MW)	E.ON share %	E.ON share MW	Capacities received (MW)	Partner
Langerlo	Electrabel	2	556	100.0	556	556	Electrabel
Vilvoorde	Electrabel	2	385	100.0	385	385	Electrabel
400 MW fix	EDF	3	-	-	-	362	EDF
Cattenom	EDF	3	-	-	-	130	EDF
Fessenheim	EDF	3	-	-	-	308	EDF
Doel 1	Electrabel	3	-	-	-	150	Electrabel
Doel 2	Electrabel	3	-	-	-	166	Electrabel
Tihange 1	Electrabel	3	-	-	-	184	Electrabel
Doel 1 – NL	Electrabel	3	-	-	-	81	Electrabel
Doel 2 – NL	Electrabel	3	-	-	-	90	Electrabel
Tihange 1 – NL	Electrabel	3	-	-	-	99	Electrabel
Zemm-Ziller LTC (pump storage)	Verbund	3	-	-	-	318	Verbund
Total Germany			**941**		**941**	**2,829**	

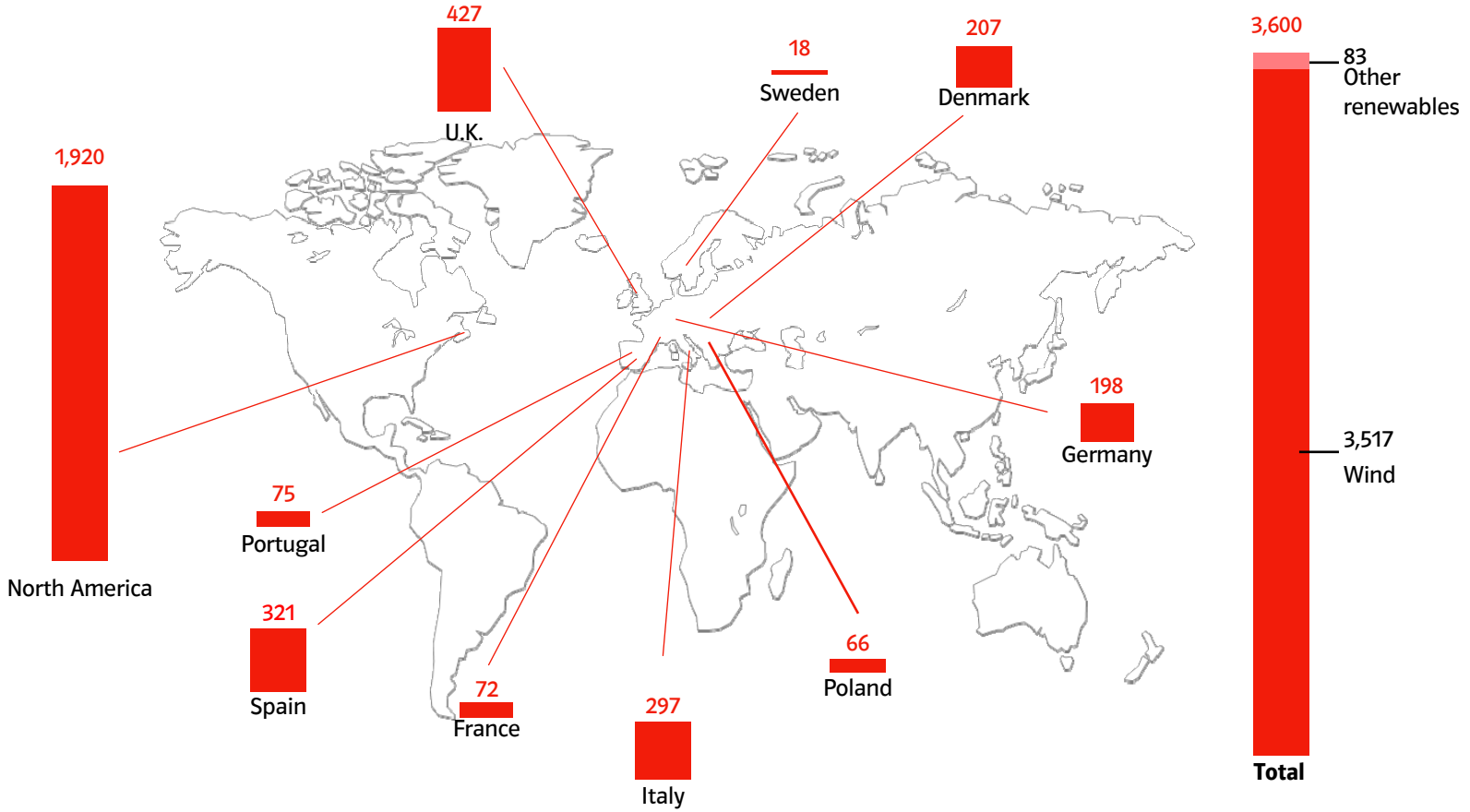
[1] As of December 31, 2010.

[2] Consolidation: 1 E.ON share · 2 Full consolidation · 3 Power procurement from non-consolidated jointly-owned power plants · 4 Operations responsibility only, not consolidated.

Content

Generation assets

Installed renewables capacity (ex hydro in MW)[1,2]



[1] E.ON equity MW (figures rounded), excluding large hydro. Source: E.ON.
[2] As of December 31, 2010.

Generation capacity and generation output

Generation capacity (MW)[1]

	2010	In %	2009
Onshore wind	3,050.6	36	2,753.7
Offshore wind	466.8	6	112.9
Biomass	44.0	1	44.0
Biogas/biomethane	10.3	-	19.8
Small hydro	25.3	-	25.3
Hydro	4,805	57	-
Solar PV/CSP	3.5	-	1.0
Total	**8,405.5**	**100**	**2,956.7**

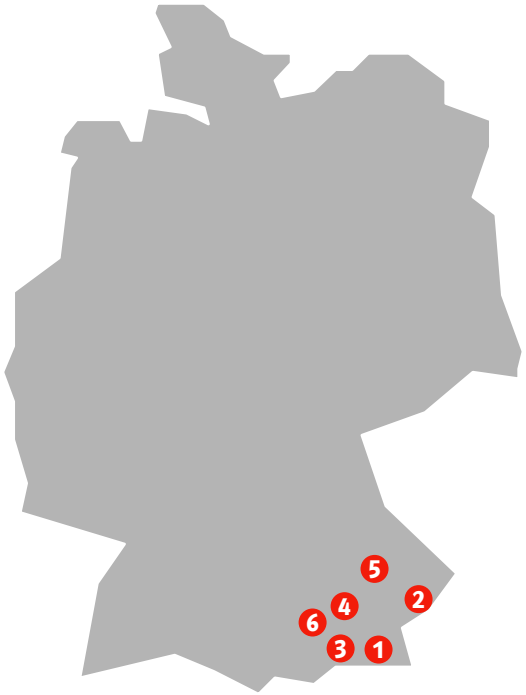
Generation output (GWh)[1]

	2010	In %	2009
Onshore wind	6,554.7	25	4,509.6
Offshore wind	1,048.7	4	348.9
Biomass	246.1	1	242.3
Biogas	0	-	27.7
Small hydro	56.4	-	32.6
Hydro	18,787	70	-
Total	**26,692.9**	**100**	**5,161.1**

[1] As of December 31, 2010.

Location of hydro assets in Germany (1)

Germany[1]



Capacity and output[1]

Generation capacity (MW)	1,813
Generation output (GWh)	7,466

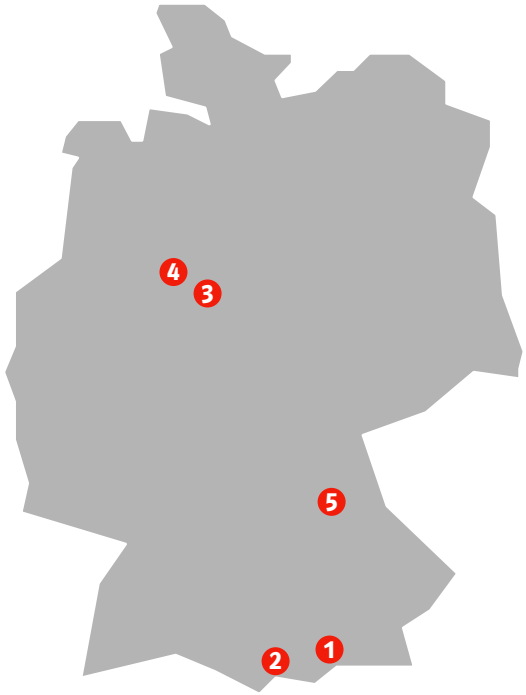
Hydro – Run of River[1]

					E.ON share		
		Shareholders	Consolidation[2]	Capacity (net MW)	%	MW	Start-up date
1	Nußdorf	E.ON	1	46.0	53.0	25.4	1982
2	Ering	E.ON/VHP	1	72.9	100.0	72.9	1942
2	Egglfing	E.ON/VHP	1	80.7	100.0	80.7	1944
3	Obernach	E.ON	1	12.8	100.0	12.8	1955
4	Mühltal	E.ON	1	11.2	100.0	11.2	1924
4	Aufkirchen D+E	E.ON	1	27.0	100.0	27.0	1924
4	Eitting D+E	E.ON	1	26.0	100.0	26.0	1925
4	Pfrombach D+E	E.ON	1	22.3	100.0	22.3	1929
5	Altheim	E.ON	1	17.8	100.0	17.8	1951
5	Niederaibach	E.ON	1	16.2	100.0	16.2	1951
5	Gummering	E.ON	1	14.8	100.0	14.8	1957
5	Dingolfing	E.ON	1	15.0	100.0	15.0	1957
5	Landau	E.ON	1	12.6	100.0	12.6	1984
5	Ettling	E.ON	1	12.6	100.0	12.6	1988
5	Pielweichs	E.ON	1	12.6	100.0	12.6	1994
6	Prem	E.ON	1	19.2	100.0	19.2	1971
6	Urspring	E.ON	1	10.1	100.0	10.1	1966
6	Dessau	E.ON	1	10.3	100.0	10.3	1967
6	Dornau	E.ON	1	16.6	100.0	16.6	1960
6	Kaufering	E.ON	1	16.7	100.0	16.7	1975
6	Schwabstadl	E.ON	1	12.0	100.0	12.0	1981
6	Scheuring	E.ON	1	12.2	100.0	12.2	1980
6	Prittriching	E.ON	1	12.1	100.0	12.1	1984
6	Unterbergen	E.ON	1	12.2	100.0	12.2	1983
6	Merching	E.ON	1	12.0	100.0	12.0	1978
	Others (<10MW)			326.2		326.2	
	Total			**860.1**		**839.5**	

[1] As of December 31, 2010.
[2] Consolidation: 1 E.ON share · 2 Full consolidation · 3 Power procurement from non-consolidated jointly-owned power plants · 4 Operations responsibility only; not consolidated.

Location of hydro assets in Germany (2)

Germany[1]



Hydro – Storage[1]

		Shareholders	Consolidation[2]	Capacity (net MW)	E.ON share %	E.ON share MW	Start-up date
1	Walchensee-kraftwerk D+E	E.ON	1	124.0	100.0	124.0	1924
2	Roßhaupten	E.ON	1	45.5	100.0	45.5	1954
3	Bringhausen	E.ON	1	70.0	100.0	70.0	1931/1933
3	Hemfurth	E.ON	1	20.0	100.0	20.0	1915/1994
4	Helminghausen	E.ON	1	1.0	100.0	1.0	1924
	Total			**260.5**		**260.5**	

Hydro – Pump storage[1]

		Shareholders	Consolidation[2]	Capacity (net MW)	E.ON share %	E.ON share MW	Start-up date
3	Waldeck I	E.ON	1	73.0	100.0	73.0	2009
3	Waldeck II	E.ON	1	480.0	100.0	480.0	1974
5	Happurg	E.ON	1	160.0	100.0	160.0	1965
	Total			**713.0**		**713.0**	

[1] As of December 31, 2010.
[2] Consolidation: 1 E.ON share · 2 Full consolidation · 3 Power procurement from non-consolidated jointly-owned power plants · 4 Operations responsibility only, not consolidated.

Location of hydro assets in Sweden

Sweden[1]

Hydro – Sweden[1]

					E.ON share		
		Shareholders	Consolidation[2]	Capacity (net MW)	%	MW	Start-up date
1	Bålforsen	E.ON Sverige	2	88	100,0%	88	1958
2	Bergeforsen	E.ON Sverige	3	155	43,0%	67	1955
3	Blåsjön	E.ON Sverige	3	60	50,0%	30	1957
4	Degerforsen	E.ON Sverige	2	63	100,0%	63	1965
4	Edensforsen	E.ON Sverige	2	67	100,0%	67	1956
4	Gulsele	E.ON Sverige	2	68	100,0%	68	1955
4	Hällby	E.ON Sverige	2	84	100,0%	84	1970
5	Edsele	E.ON Sverige	2	60	100,0%	60	1965
5	Forsse	E.ON Sverige	2	52	100,0%	52	1968
5	Hjälta	E.ON Sverige	2	178	100,0%	178	1949
5	Moforsen	E.ON Sverige	2	135	100,0%	135	1968
5	Ramsele	E.ON Sverige	2	157	100,0%	157	1958
5	Sollefteåforsen	E.ON Sverige	3	62	50,0%	31	1966
5	Storfinnforsen	E.ON Sverige	2	112	100,0%	112	1953
6	Rätan	E.ON Sverige	2	60	100,0%	60	1968
6	Trångfors	E.ON Sverige	2	73	100,0%	73	1975
7	Stensjön (Hårkan)	E.ON Sverige	3	95	50,0%	48	1968
	Other (<50 MW)	E.ON Sverige	2	763	n/a	395	n/a
	Total			**2,332**		**1,768**	

Capacity and output[1]

Generation capacity (MW)	1,768
Generation output (GWh)	7,957

[1] As of December 31, 2010.
[2] Consolidation: 1 E.ON share · 2 Full consolidation · 3 Power procurement from non-consolidated jointly-owned power plants · 4 Operations responsibility only; not consolidated

Location of hydro assets in Italy

Italy[1]

Hydro – Italy[1]

		Shareholders	Consolidation[2]	Capacity (net MW)	E.ON share %	E.ON share MW	Start-up date
1	Baschi-Alviano	E.ON Produzione SpA	2	98.0	100%	98.0	1963/1964
1	Cotilia	E.ON Produzione SpA	2	48.0	100%	48.0	1942
1	Galleto M.S. Angelo	E.ON Produzione SpA	2	210.0	100%	210.0	1928/1971
1	Galleto Pennarossa	E.ON Produzione SpA	2	6.5	100%	6.5	1971
1	M. Argento	E.ON Produzione SpA	2	64.0	100%	64.0	1950
1	Narni	E.ON Produzione SpA	2	40.0	100%	40.0	1958
1	Nera Montoro	E.ON Produzione SpA	2	30.9	100%	30.9	1911/1994
1	Preci	E.ON Produzione SpA	2	10.0	100%	10.0	1928
1	Sigillo	E.ON Produzione SpA	2	5.0	100%	5.0	1956
1	Triponzo	E.ON Produzione SpA	2	6.4	100%	6.4	1960
	Others (<5MW)	E.ON Produzione SpA	2	12.1	100%	12.1	
	Total			**530.9**		**530.9**	

Capacity and output[1]

Generation capacity (MW)	531
Generation output (GWh)	2,048

[1] As of December 31, 2010.
[2] Consolidation: 1 E.ON share · 2 Full consolidation · 3 Power procurement from non-consolidated jointly-owned power plants · 4 Operations responsibility only; not consolidated.

Location of hydro assets in Spain

Spain[1]

Hydro – Spain[1]

		Shareholders	Consolidation[2]	Capacity (net MW)	E.ON share %	E.ON share MW	Start-up date
1	Remolina	E.ON	2	83.19	100.0	83.19	1990
1	Arenas	EON	2	8.3	100,0	8.3	1958
1	Urdón	E.ON	2	6.38	100.0	6.38	1910
1	Camarmeña	E.ON	2	11.41	100.0	11.41	1921
1	Paraya	E.ON	2	2.57	100.0	2.57	1919
2	Doiras	E.ON	2	58.0	100.0	58.0	1944/2008
2	Silvón	E.ON	2	79.78	100.0	79.78	1956/2004
2	Arbon	E.ON	2	54.63	100.0	54.63	1967
3	Aguayo	E.ON	2	360.60	100.0	360.60	1982
3	Aguilar	E.ON	2	9.81	100.0	9.81	1964
3	Torina	E.ON	2	12.16	100.0	12.16	1921
3	Bárcena	E.ON	2	1.71	100.0	1.71	1956
	Begasa[3]	E.ON	2	4.67	55.0	2.6	1921
	Total			**693.2**		**691.1**	

Capacity and output[1]

Generation capacity (MW)	693
Generation output (GWh)	1,316

[1] As of December 31, 2010.
[2] Consolidation: 1 E.ON share · 2 Full consolidation · 3 Power procurement from non-consolidated jointly-owned power plants · 4 Operations responsibility only; not consolidated.
[3] Includes BEGASA 4,61 (55% participation, 100% consolidation).

Location of major generation assets in Germany (wind)

Germany[1]

Wind parks in Germany[1]

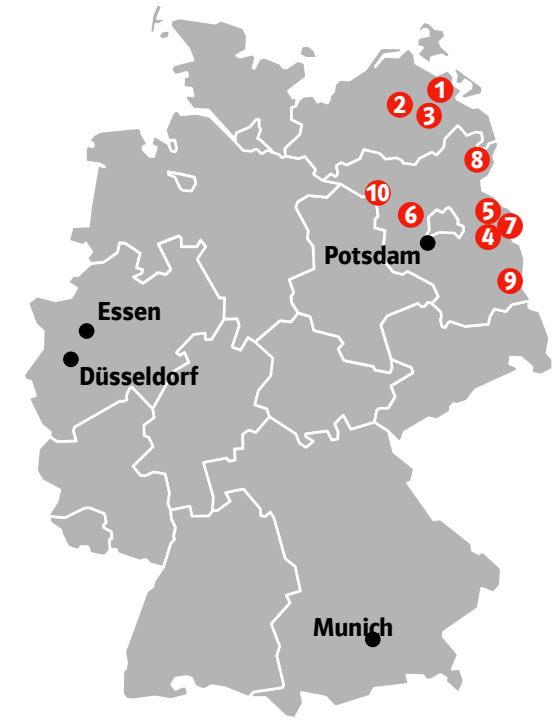
Onshore wind	Project location	Net MW[2]	Commissioning year
1	Brandenburg	50.8	2001
2	Mecklenburg-West Pomerania	36.7	2001
3	Saxony-Anhalt	19.9	2002
4	Saxony	23.6	2004
5	Kessing	0.4	2002
6	Schönerlinde	0.8	2002
7	Riethnordhausen	7.4	2007
8	Rheiner Windpark	2.5	2002
9	Dargelütz	22.0	2006
10	Helmstedt-Treue	8.0	2005
11	Treue-Ost	8.0	2007
12	Cuxhaven	2.5	2006

Offshore wind	Project location	Net MW[1]	Commissioning year
13	Alpha Ventus	15.8	2010
Total		**198.4**	

[1] As of December 31, 2010.
[2] E.ON equity MW (figures rounded).

Location of major generation assets in Germany (biogas)

Germany[1]



Biogas in Germany[1]

	Project location	Net MW[2]	Commissioning year
1	Ducherow	0.9	2008
2	Malchin	3.7	2007
3	Roggenhagen	0.1	2006
4	Fürstenwalde	0.5	1998
5	Hasenwinkel	0.4	2007
6	Ketzin	0.7	2007
7	Sauen	0.4	2006
8	Kaakstedt	0.8	2006
9	Sembten	1.6	2008
10	Havelberg	0.4	2009
Total		**9.5**	

[1] As of December 31, 2010.
[2] E.ON equity MW (figures rounded).

Location of major generation assets in France

France[1]

● Operating Sites
● Offices

Onshore wind parks in France[1]

	Project location	Net MW[2]	Commissioning year
1	Lehaucourt	10.0	2007
2	Ambon	10.0	2008
3	LV Cernon	10.0	2008
4	CE Cernon	3.7	2008
5	Muzillac	10.0	2008
6	Caulières	17.5	2010
7	Kergrist	26.0	2010
Total		**87.2**	

Solar park in France[1]

	Project location	Net MW[2]	Commissioning year
8	Le Lauzet	2.5	2009
Total		**2.5**	

[1] As of December 31, 2010.
[2] E.ON equity MW (figures rounded).

Location of major generation assets in Spain

Spain[1]

Biomass and small hydro sites in Spain[1]

Biomass	Project location	Net MW[2]	Commissioning year
1	Juneda (Lerida)	4.3	2001
2	VAG (Lerida)	6.0	2004
Small hydro	**Project location**	**Net MW[1]**	**Commissioning year**
3	Giribaile (Jaén)	20.0	2007
4	CRISA	5.3	2005
Total		**35.6**	**xxx**

Onshore wind parks in Spain[1]

	Project location	Net MW[2]	Commissioning year
5	Ascoy	1.5	1998
6	Bodenaya	18.0	2005
7	Zaragoza	125.6	2006
8	Carcelén	11.4	2004
9	Páramo de Poza	15.0	2002
10	Pax	19.2	1997
11	Pico Gallo	24.4	2001
12	Mingorrugio	26.0	2009
13	Sierra de Tineo	44.0	2009
14	Santa Quilteria	2.3	2004
15	San Juan de Bargas	18.1	2005
16	Remolinos	5.9	1998
17	Planas de Pola	17.8	1999
18	Mallén	25.5	2006
19	Magallón	12.3	2006
20	Borja 2	10.8	2001
21	Borja 1	8.1	1997
22	Boquerón	24.8	2003
Total		**284.9**	

[1] As of December 31, 2010.
[2] E.ON equity MW (figures rounded).

Location of major generation assets in Portugal

Portugal[1]

Operating Sites
Offices

Onshore wind parks in Portugal[1]

	Project location	Net MW[2]	Commissioning year
1	Joguinho (Torres Vedras)	11.7	2006
2	Alto Folgorosa	8.1	2008
3	Espinhaço de Cão	10.0	2008
4	Barão São João	45.0	2009
Total		**74.8**	

[1] As of December 31, 2010.
[2] E.ON equity MW (figures rounded).

Location of major generation assets in Italy

Italy[1]

Onshore wind parks in Italy[1]

	Project location	Net MW[2]	Commissioning year
1	Florinas	20.0	2004
2	Vizzini	23.8	2006
3	Montecute	44.0	2006
4	Poggi Alti	20.0	2006
5	Marco A. Severino	44.0	2007
6	Iardino	14.0	2005
7	Serra Pelata	54.0	2007
8	Piano di Corda	44.0	2007
9	Santa Ninfa	32.3	2007
Total		**296.1**	

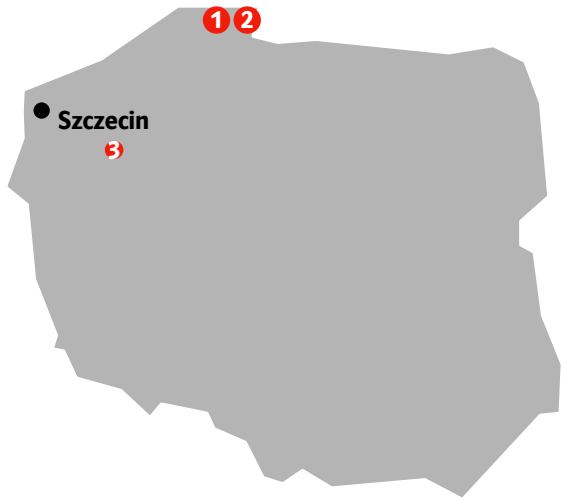
Solar PV in Italy[1]

	Project location	Net MW[2]	Commissioning year
10	Fiumesanto	1.0	2009
Total		**1.0**	

[1] As of December 31, 2010.
[2] E.ON equity MW (figures rounded).

Location of major generation assets in Poland

Poland[1]



● Operating Sites
● Offices

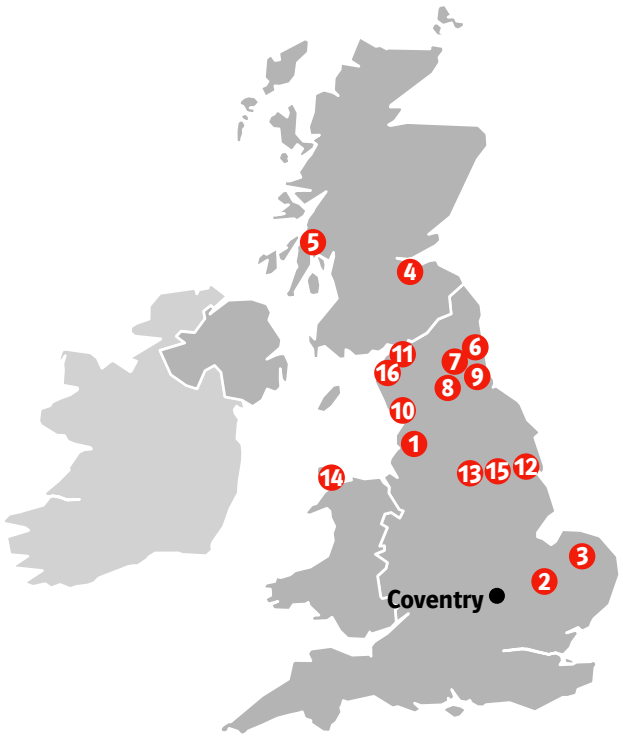
Onshore wind parks in Poland[1]

	Project location	Net MW[2]	Commissioning year
1	Lebcz 1 (Gdańsk)	5.9	2007
2	Lebcz 2 (Gdańsk)	7.4	2008
3	Wielkopolska	52.5	2010
Total		**65.8**	

[1] As of December 31, 2010.
[2] E.ON equity MW (figures rounded).

Location of major generation assets in U.K. (onshore wind)

U.K.[1]



Onshore wind parks in U.K.[1]

	Project location	Net MW[2]	Commissioning year
1	Askam (Cumbria)	4.6	1999
2	Stags Holt 5A/Stags Holt (Cambridgeshire)	20.0	2010/2007
3	Blood hill (Norfolk)	2.3	1992
4	Bowbeat (Scotland)	31.2	2002
5	Deucheran Hill (Kintyre Peninsula)	15.8	2001
6	Haswell Moor	10.3	2010
7	Holmside (County Durham)	5.1	2004
8	High Volts (County Durham)	7.8	2004
9	Hare Hill (County Durham)	5.1	2004
10	Lowca (Cumbria	4.6	2000
11	Oldside (Cumbria)	5.4	1996
12	Out Newton (Northumberland)	9.1	2002
13	Ovenden Moor (Yorkshire)	4.6	1993
14	Rhyd-y-Groes (Wales)	3.6	1992
15	Royd Moor (Yorkshire)	3.3	1993
16	Siddick (Cumbria)	4.2	1996
Total		**137.1**	

[1] As of December 31, 2010.
[2] E.ON equity MW (figures rounded).

Location of major generation assets in U.K. (biomass and offshore wind)

U.K.[1]

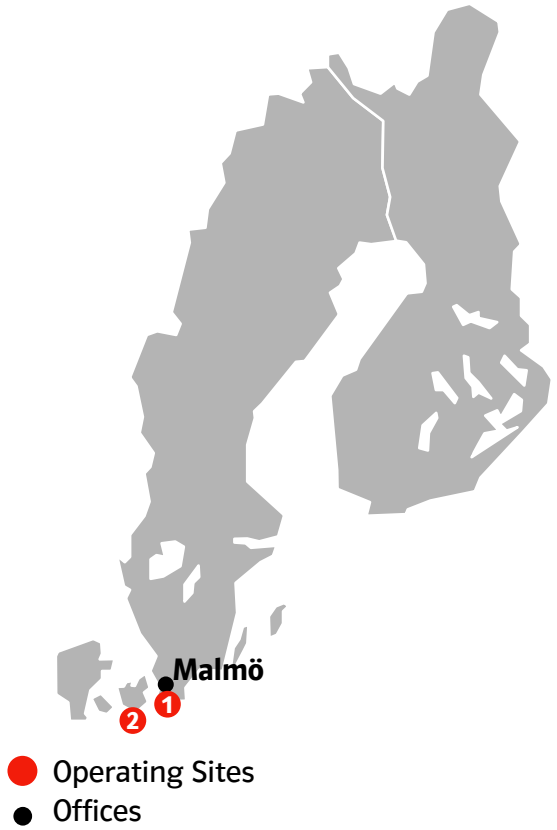
Offshore wind parks and biomass plants in U.K.[1]

Biomass	Project location	Net MW[2]	Commissioning year
1	Steven's Croft (Lockerbie)	44.0	2008
Offshore wind	**Project location**	**Net MW[2]**	**Commissioning year**
2	Blyth (Northumberland)	4.0	2000
3	Scroby Sands (Great Yarmouth)	60.0	2004
4	London Array (under construction)	189.0[3]	2010
5	Robin Rigg	180.0	2010
Total		**477.0**	

[1] As of December 31, 2010.
[2] E.ON equity MW (figures rounded).
[3] E.ON's share of larger 630MW JOA.

Location of major generation assets in Denmark and Sweden (wind)

Denmark and Sweden[1]



Onshore and offshore wind parks in Denmark and Sweden[1]

Onshore wind	Project location	Net MW[2]	Commissioning year
1	Southern Sweden	18.2	2001-2007
Total		**18.2**	

Offshore wind	Project location	Net MW[2]	Commissioning year
2	Rødsand 2 Denmark	207	2010
Total		**207**	

[1] As of December 31, 2010.
[2] E.ON equity MW (figures rounded).

Location of major generation assets in U.S.A (onshore wind)

U.S.A.[1]

Onshore wind parks in U.S.A.[1]

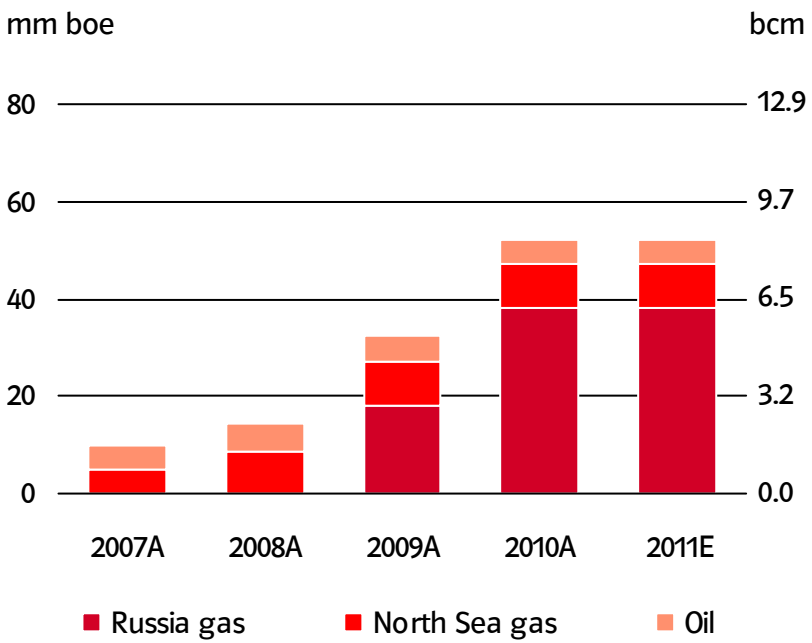
	Project location	Net MW[2]	Commissioning year
1	Forest Creek (Texas)	124.2	2007
2	Sand Bluff (Texas)	90.0	2008
3	Munnsville (New York)	34.5	2007
4	Roscoe (Texas)[3]	209.0	2008
5	Champion (Texas)[3]	126.5	2008
6	Inadale Phase 1/2 (Texas)[3]	197.0	2008
7	Pyron (Texas)[3]	249.0	2009
8	Papalote I (Texas)	179.9	2009
9	Papalote II	200.1	2010
10	Stony Creek (Pennsylvania)	52.5	2009
11	Panther Creek – Phase I & II	258.0	2008
12	Panther Creek III	199.5	2009
Total		**1,920.2**	

[1] As of December 31, 2010.
[2] E.ON equity MW (figures rounded).
[3] Part of the Roscoe complex.

Content

Upstream - Overview

Oil and gas production



Key Facts

Focus regions

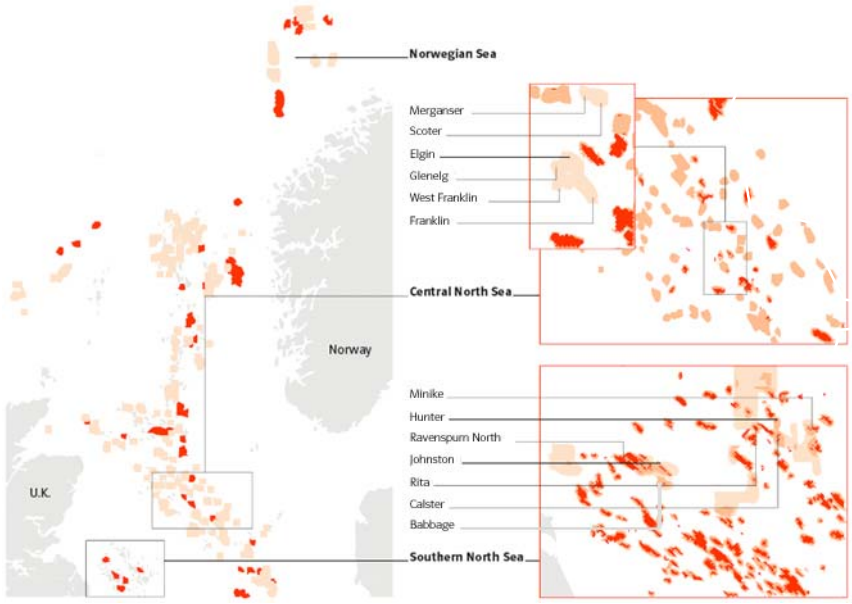
- North Sea (UK, Norway)
- Russia
- North Africa

Main developments

- 2010:
  - Yuzhno Russkoye: Full annual contribution (6 bcm vs. 3 bcm in 2009)
  - Babbage: first E.ON operated offshore platform
- 2012:
  - Significant production build up expected due to Skarv Idun

Upstream – North Sea

Norway & U.K. [1]



Norwegian Sea	Interest in %
Njord	30
Central North Sea	
Elgin/Franklin	5.2
Scoter	12.0
West Franklin	5.2
Merganser	7.9
Glenelg	18.6

Southern North Sea	Interest in %
Rita	74.0
Ravenspurn North	28.8
Johnston	50.1
Hunter	79.0
Caister	40.0
Minke	42.7
Babbage	47.0

[1] Only fields in production by the end of 2010, therefore without Skarv-Idun.

Production

Gas	2010	2009	2008	2007
U.K.[1]	890	846	768	751
Norway[1]	623	574	592	20
Total Gas[1]	**1,513**	**1,420**	**1,360**	**771**
Oil and liquids				
U.K.[2]	1.8	2.4	2.5	2.9
Norway[2]	3.4	3.1	3.4	2.1
Total oil and liquids[2]	**5.2**	**5.5**	**5.9**	**5.0**
Total production[3]	**14.8**	**14.4**	**14.4**	**9.8**

[1] In million m³.
[2] In million bbl.
[3] In million boe.

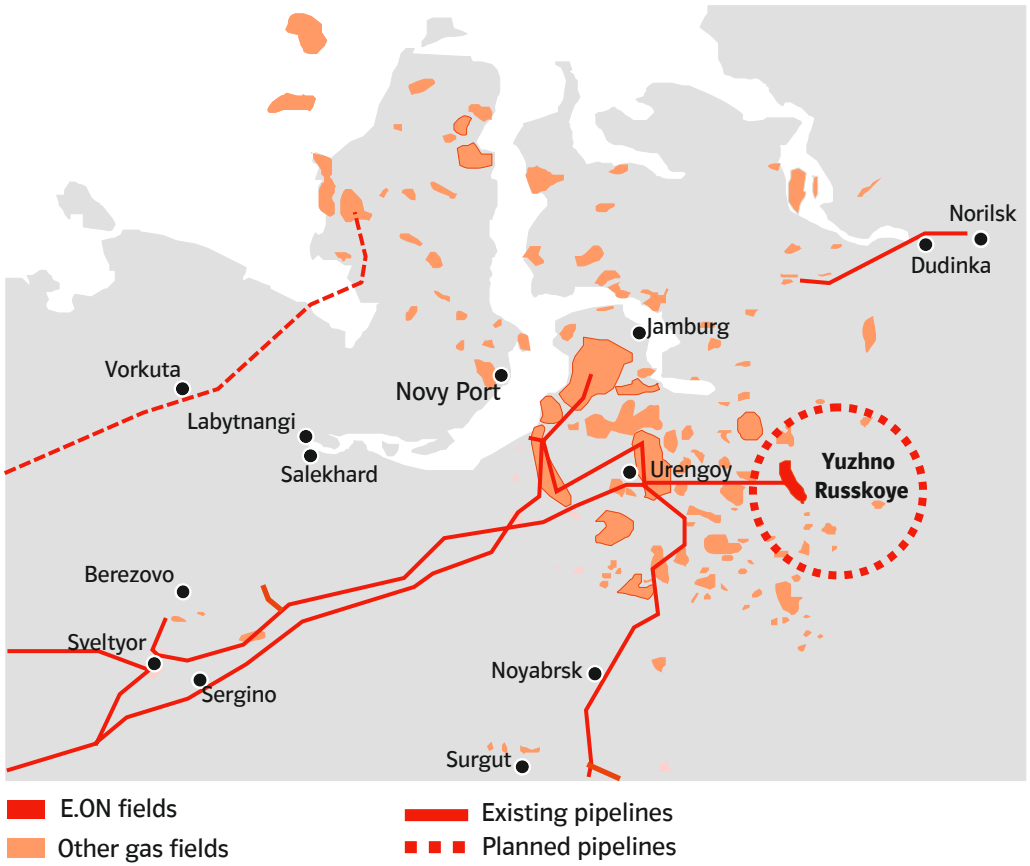
Reserves

Gas	2010	2009	2008	2007
U.K. [1]	7,735	9,230	9,121	9,748
Norway [1]	14,475	14,025	14,779	15,325
Total Gas [1]	**22,210**	**23,255**	**23,900**	**25,073**
Oil and liquids				
U.K. [2]	18	20	25	20
Norway [2]	71	67	69	69
Total oil and liquids [2]	**89**	**87**	**94**	**89**
Total reserves[3]	**227**	**232**	**243**	**243**

[1] In million m³.
[2] In million bbl.
[3] In million boe.

Upstream - Russia

Russia



Yuzhno Russkoye

- E.ON share of 25 percent
- Total investment for field development €2 billion

Production

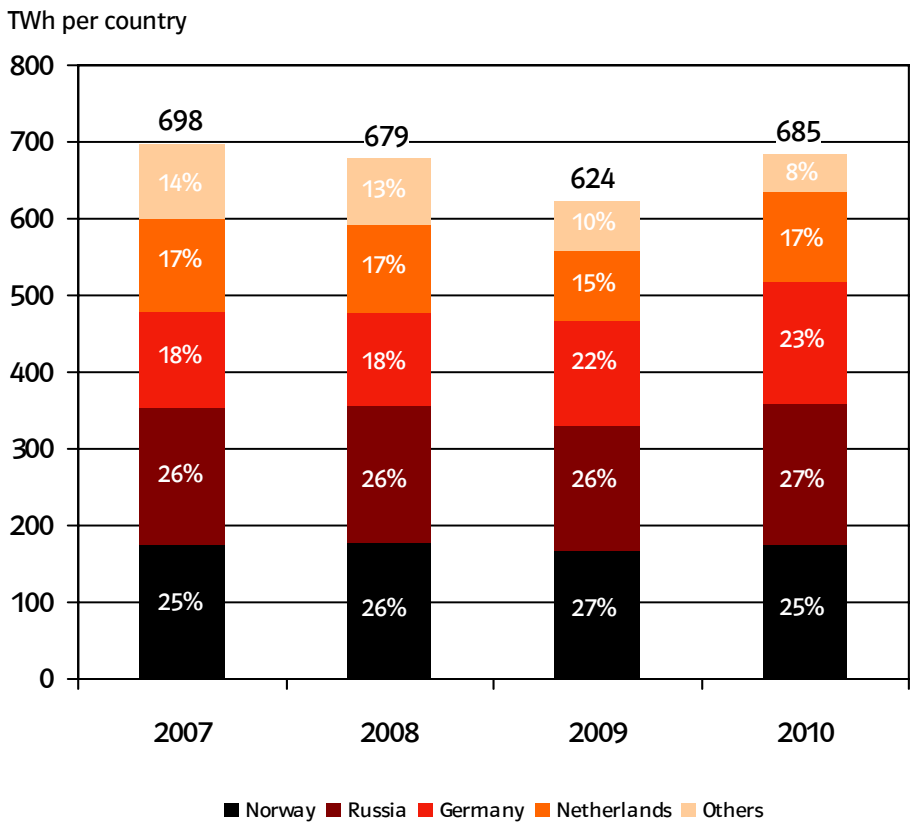
- Start of production Q4/2007
- Total production 2010: 37.8 Mboe (2009: 18.2 Mboe)
- Plateau production of approximately 25 bcm/a

Reserves

- Proven and probable reserves of more than 600 billion m³ or at least 35 years of production

Midstream - Long-term gas supply

Long-term Contracts (LTCs)[1]



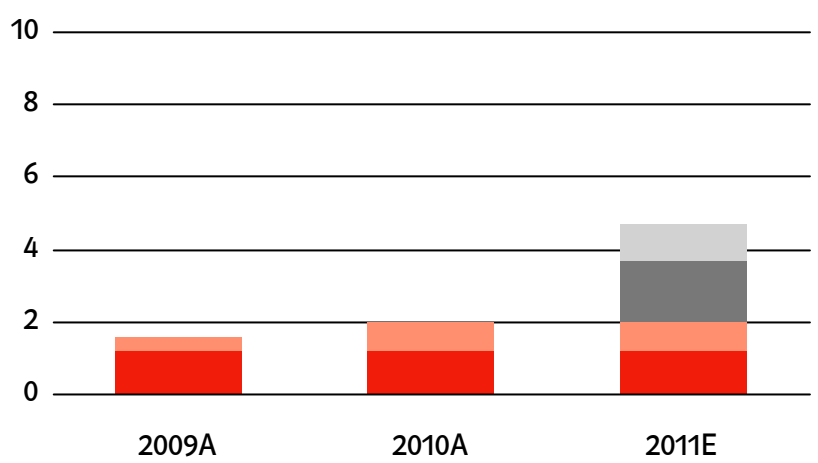
Key Facts

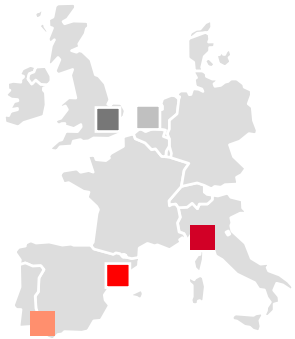
- To provide a sound basis for gas supplies and ensuring a diversified portfolio of purchase sources E.ON Ruhrgas has concluded long-term agreements with major producers
- Long-term take-or-pay commitments enable the producers to develop new gas fields and international transmission infrastructure
- At the same time, producers ensure long-term gas supplies at competitive prices with regularly price reviews
- This balance of risks is the foundation of long-term gas supplies
- Significant changes in European gas markets challenge LTC fundamentals, in particular its traditional pricing and review mechanism
- E.ON Ruhrgas is in negotiations with its main suppliers to bring the LTCs in line with new market conditions

[1] E.ON Ruhrgas AG; as of December 31, 2010.

Midstream - Liquefied Natural Gas (LNG)

Regas capacity bookings (bcm)



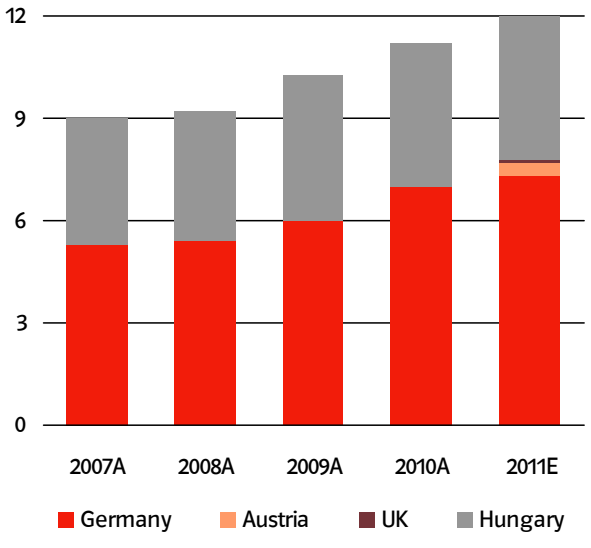


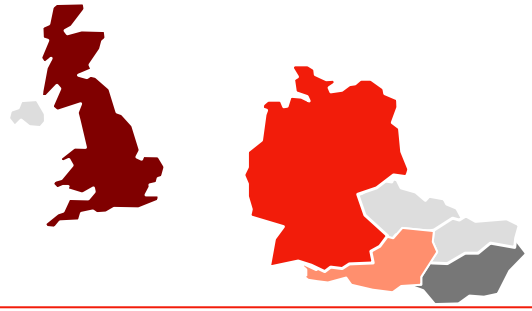
Key Facts

- LNG imports complement pipeline imports to offset decline of gas production in Europe
- Global competition for available LNG volumes
- LNG flows determined to a large extent by differences in prices between various gas consumption regions
- E.ON's LNG regas portfolio ensures direct access to all major European gas markets
  - LNG offers multiple pricing mechanisms and destination choices
  - Europe-wide regas positioning creates destination and pricing flexibility for the LNG business

Midstream - Gas Storage

Gas storage capacities (bcm)



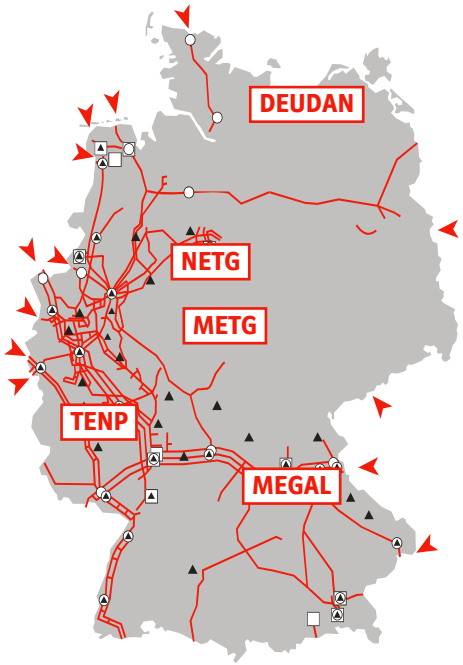


Key Facts

- E.ON Gas Storage is one of the leading operators in Europe with more than 11 bcm of storage capacity
- Existing storage facilities and projects located in Germany, Austria and UK
  - On the trunk line to main transport/transit routes and trading hubs
  - Favorable merit order position and first mover advantage
  - Well established stakeholder management
- Development of new products
- Enhancement of third-party marketing

Gas transport - Open Grid Europe

Network of Open Grid Europe



Structural data

Length of transmission system	11,466 km
Annual quantities offtaken	718.6 billion kWh
Number of exit points	1,093
Simultaneous maximum annual offtake load	143.7 billion kWh

Key Facts

- OGE is Germany's leading natural gas transmission company. Its business activities are regulated and supervised by the Federal Network Agency.
- OGE together with other Network operators combined their group market areas under the umbrella of NetConnect Germany (NCG) creating the largest natural gas market area in Germany.
- NCG handles balancing group management, the provision and operation of a virtual trading point, the online provision of billing and control energy data and control energy management

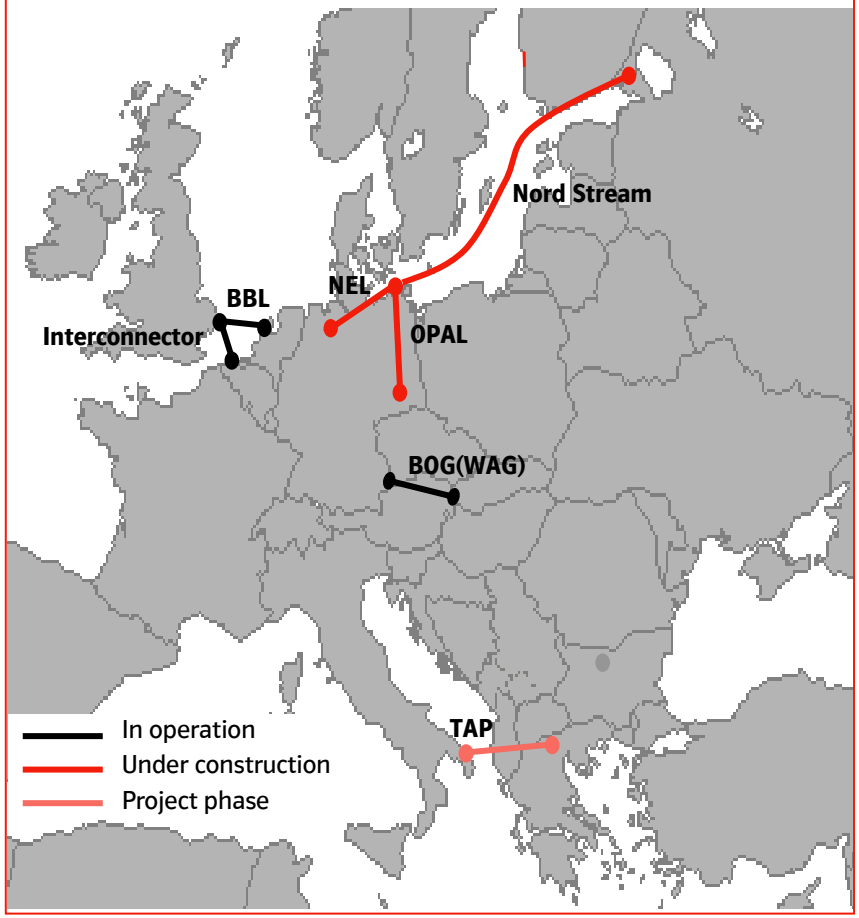
OGE Pipelines in Germany[1]

Shareholding/ Pipeline Company (PC)	Start up year	Total Germany (km)	Maintained by OGE (km)
Open Grid Europe		6,355	6,065
Co-owned pipelines		1,793	831
DEUDAN (PC)	1981	110	-
MEGAL (PC)	1981	1,092	1,092
METG (PC)	1967	425	425
NETG (PC)	1967	285	144
NETRA (PC)	1995	341	106
TENP (PC)	1972	998	999
Other		-	2,924
Total in Germany		**11,466**	**12,774**

1 As of July 14, 2011.

Gas transport - Infrastructure shareholdings

Main pipeline assets



Key Facts

- E.ON Ruhrgas together with international partners owns stakes and invests in infrastructure connecting natural gas reserves and the European market.
- Currently the biggest project under construction is Nord Stream - the first gas deliveries are planned for the end of 2011.
- The Trans Adriatic Pipeline (TAP) project plans to build a gas pipeline from Greece across Albania and under the Adriatic Sea to southern Italy.

Main Infrastructure Shareholdings[1]

Shareholding	Capacity bcm/a	Start-up date	Share held (%)
BBL Company V.O.F.	16	2006	20.00
Interconnector (UK) Limited	20/25.5[4]	1998	15.09
BOG[2]	9,5/6,5[4]	1979	15.00
Nord Stream AG[3]	55	2011/2012	15.50
OPAL/NEL	36,5/22	2011/2012	20/10
Trans Adriatic Pipeline AG[3]	10	2018	15.00

[1] As of December 31, 2010
[2] Holds assets of WAG via a finance lease with OMV Gas
[3] Held indirectly via PEG Infrastruktur AG, Zug, Switzerland
[4] Forward flow/ reverse flow

Shareholdings

Shareholdings[1]

[1] As of December 31, 2010.

Key Facts

- Operations in transit and growth markets
  - Development of regional markets
  - Realization of market potential and synergies between the shareholdings
- Value enhancement through operational excellence

Main Shareholdings

Shareholdings	Country	Share held %
Gasnor AS	Norway	14.00
Gasum Oy	Finland	20.00
AS Eesti Gaas	Estonia	33.66
JSC Latvijas Gāze	Latvia	47.23
AB Lietuvos Dujos	Lithuania	38.91
Rytu Skirstomeije Tinklai[1]	Lithuania	20.28
Nafta a.s.	Slovakia	40.45
SPP as[2]	Slovakia	24.50
E.ON Földgáz Trade ZRt.	Hungary	100.00
Ferngas Nordbayern GmbH	Germany	53.1
Gas Union GmbH	Germany	25.93
Enovos S.A.	Luxembourg	10.8
RAG-Beteiligungs AG	Austria	29.97

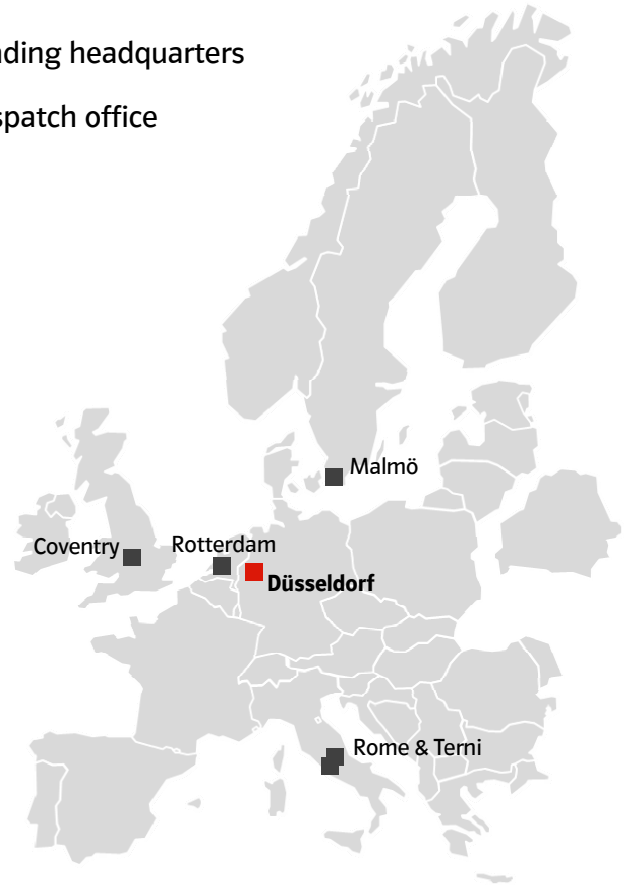
[1] Merged in 2011 into a 10% share in Lesto AB.
[2] Via 50-percent shareholding in Slovak Gas Holding B.V. (the Netherlands).

Content

Trading - the commercial heart of the E.ON Group

Activity overview

- Trading headquarters
- Dispatch office



Role of Trading:

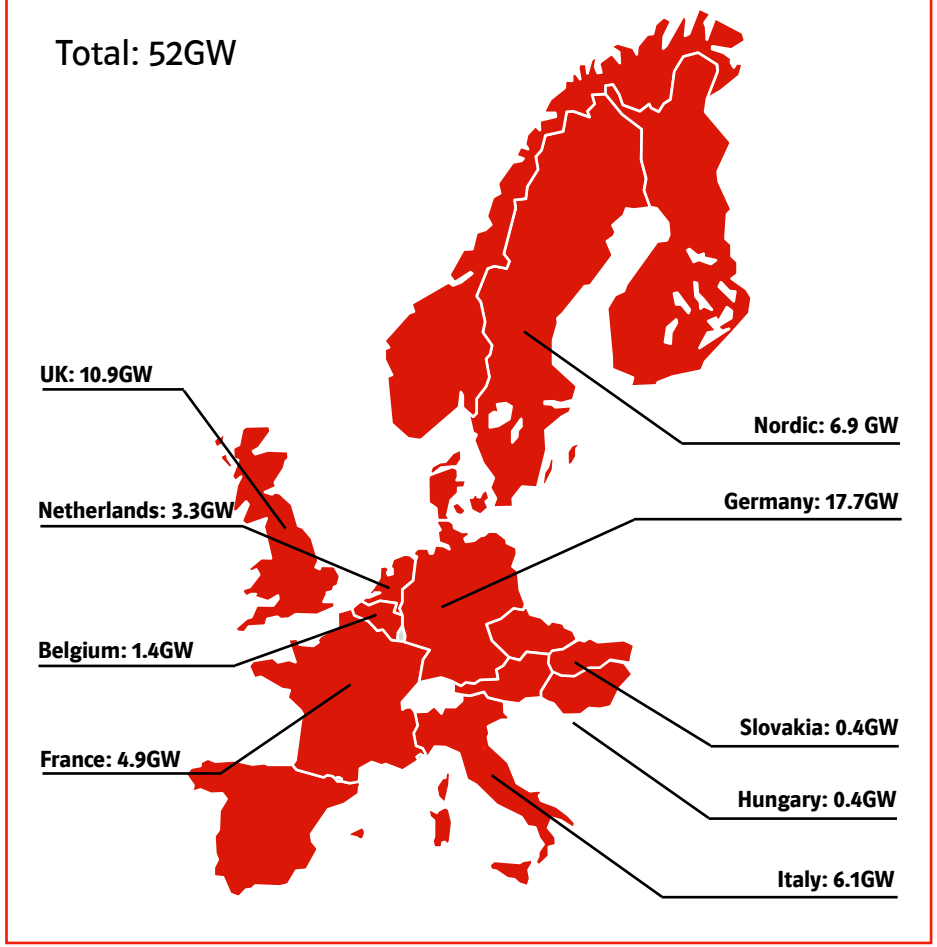
- Creates value through managing the commodity risks faced by E.ON and its customers, while optimizing the Group's flexible portfolio of power and gas assets
- Acts as the expert interface between E.ON and the international wholesale energy markets
- Trades electricity, natural gas, oil, coal, freight and carbon

Broad footprint:

- Active in over 40 countries and more than 20 exchanges and hubs across Europe and in the US
- Optimization of the major E.ON Group portfolios (power and gas) in Germany, UK, Nordic, Benelux, France, Italy, Austria, Czech Republic, Slovakia, Hungary and US (hedging ECR portfolio)
- Global coal and ocean freight logistics business
- More than 1000 counterparties from over 50 countries globally
- More than 600,000 trades executed in 2010

Commercial functions –Merchant Trading and Asset Optimization

European generation optimized by Trading



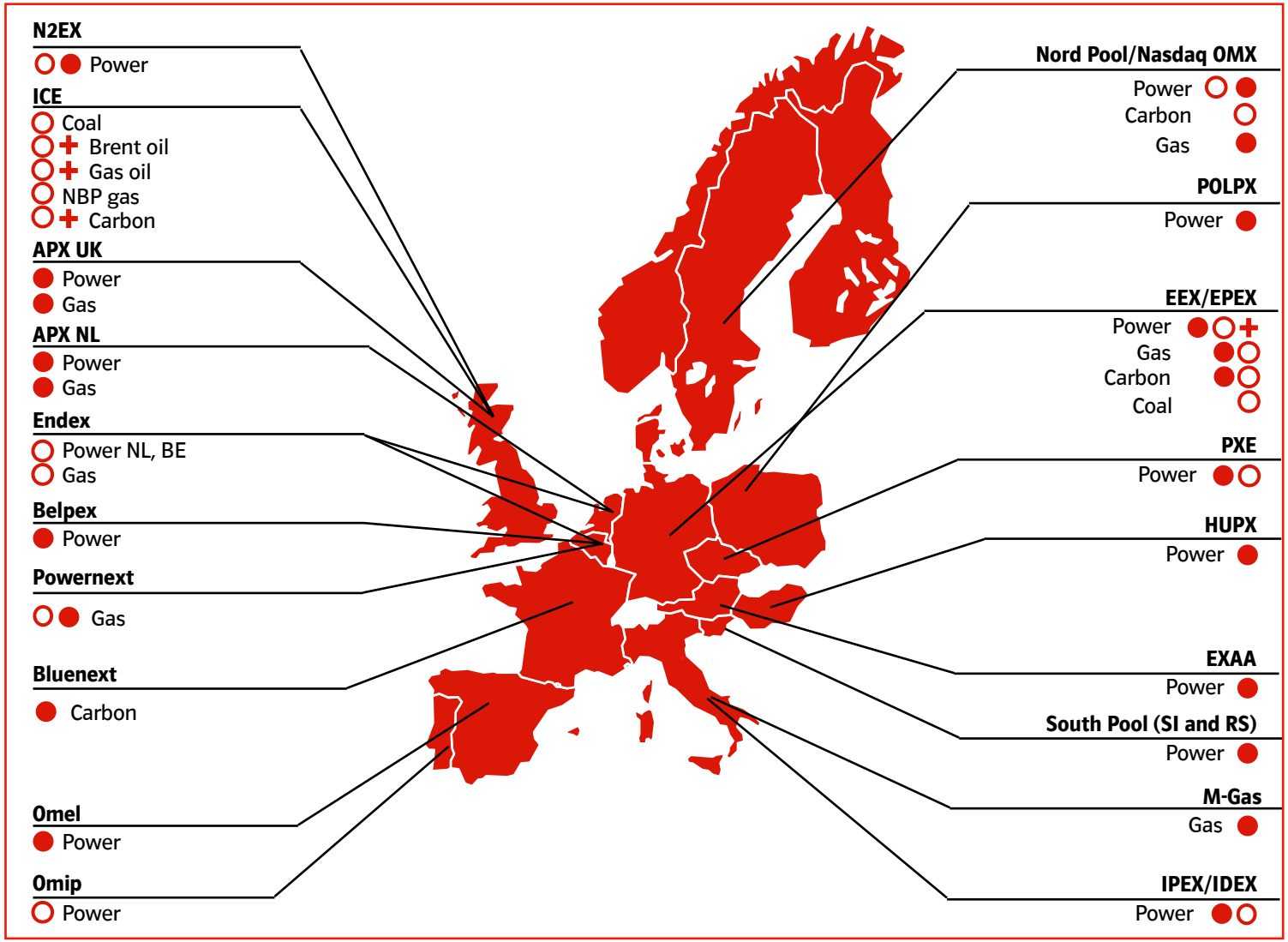
Global Merchant Trading

- Trading in standard financial products in power, gas, oil, coal, freight, and carbon across all timeframes
- Structuring, origination, and trading of non-standard or physical products in the same commodities
- Prop, arbitrage, flow, and origination across all commodities

Asset Optimization

- Focused on maximizing the value of E.ON's broad and diverse power and gas asset base
- Dispatch, power and gas spot trading, and optimization across all timeframes
- Power and gas portfolio hedging and value capture from E.ON assets

Trading activity - European exchanges and hubs



Trading activities

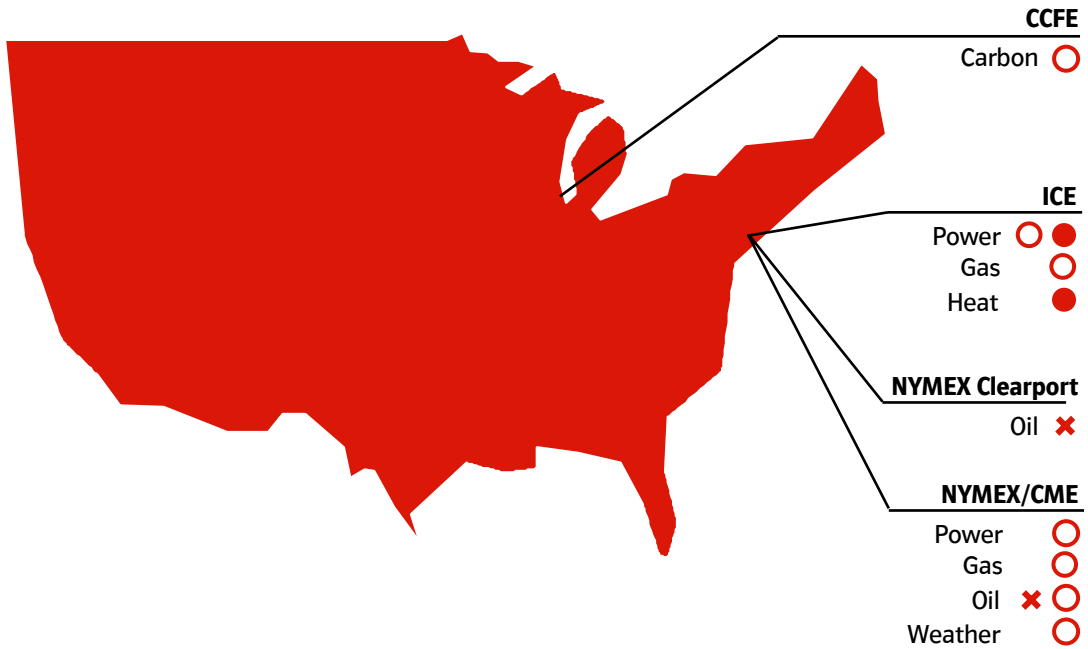
- Spot
- Futures
- Option

Industry recognition

- Named Energy Risk Magazine's „House of the Year – Natural Gas Europe" in 2010 and 2011
- Voted in top 5 for power trading in Germany, UK, Netherlands, France, Italy, Belgium and Eastern Europe in 2011 Energy Risk Commodity Rankings

Trading activity - US exchanges and hubs

US exhanges and hubs



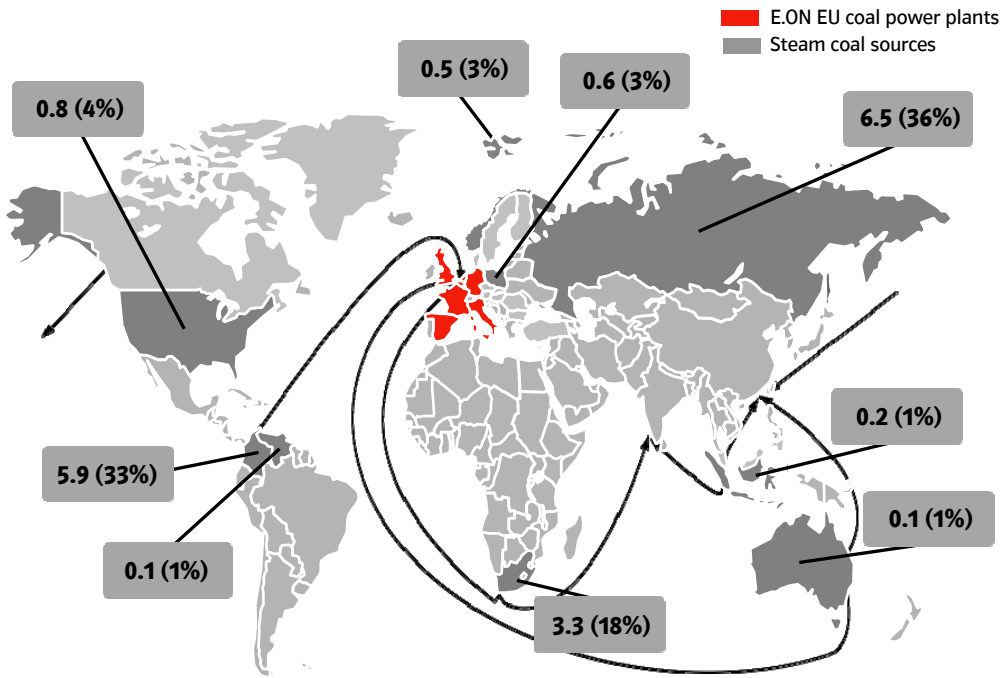
Trading activities
- Spot
- Futures
- Swaps

US trading activity

- US power, gas and carbon trading knowledge enables E.ON to better manage the potential impact of US developments on its existing core asset markets and identify new opportunities to create value
- Trades financial power products in the ERCOT (Texas), MISO (Midwest), and PJM (Eastern) markets, partly in support of E.ON Climate & Renewables' activities in the US
- Trades financial US oil and natural gas products
- Trades US carbon products - RGGIs

Global coal and ocean freight logistics business

E.ON sources of international steam coal 2010 (in Mt)



Key Figures

- Imported coal purchases 2010: ~18 Mt
- Coal traded in 2010: 289 Mt (+30% y-o-y)

Trading is responsible for E.ON's coal procurement, trading and optimization.

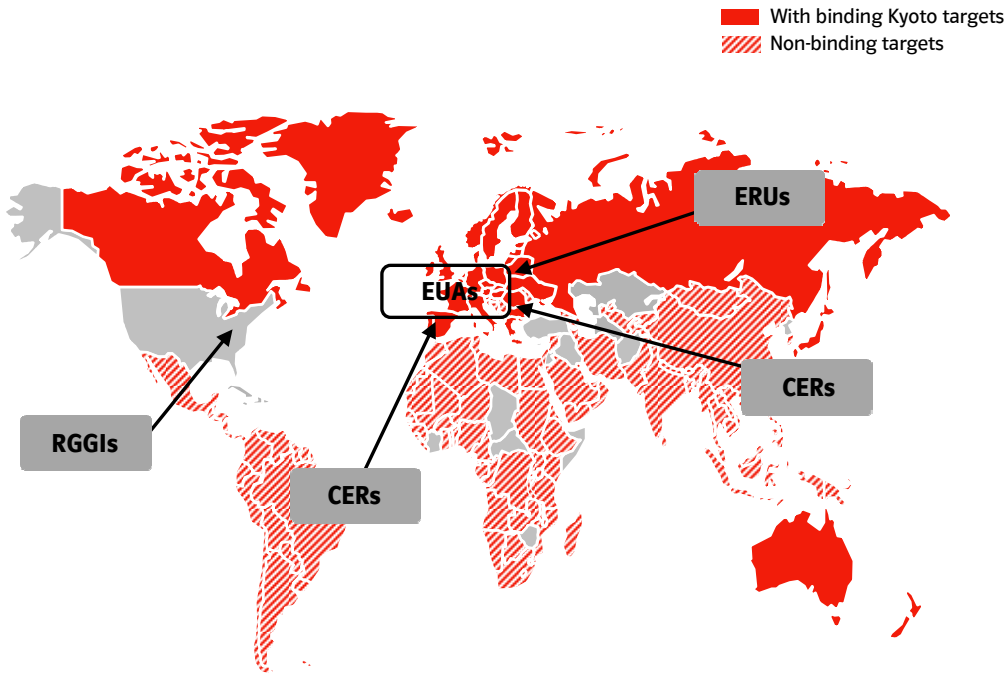
- Secures coal to run E.ON's steam coal-fired power plant across Europe
- Conducts third party transactions of both coal and freight globally
- To maximize value it operates a fully integrated global coal and ocean freight logistics business, capturing time and location arbitrage opportunities

Products traded:

- **Coal** – API2/4/6, NYMEX, financial coal derivatives, physical coal
- **Freight** – C4/C7 and 4TC freight derivatives, physical freight (Cape and Panamax vessels)

Global environmental products business

Environmental products



Key Figures

- Carbon traded in 2010: 650 million metric tons (+30% y-o-y)

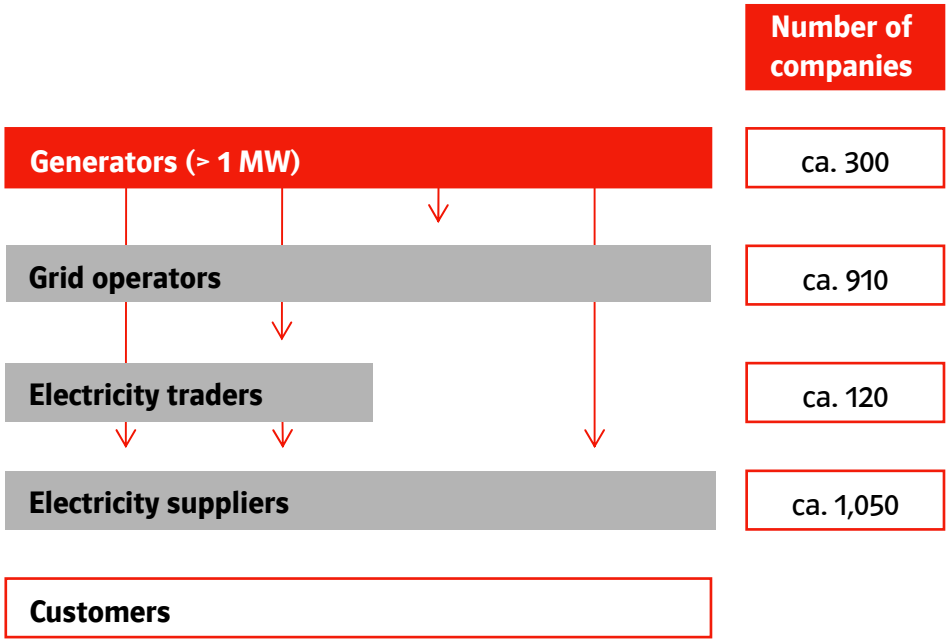
Trading is responsible for optimizing E.ON's carbon position. To do so it trades certificates from a range of emissions reduction schemes:

- **EUAs (EU allowances):** allocated by EU Commission to EU Member States
- **CERs (Certified Emissions Reductions):** generated by abatement projects ("Clean Development Mechanism") from investors from Kyoto countries with CO_2 cap in Kyoto countries without CO_2 targets
- **ERUs (Emissions Reduction Units):** generated by abatement projects ("Joint Implementation") between Kyoto countries with targets
- **RGGIs (Regional Greenhouse Gas Initiative):** market-based regulatory program in 10 Northeastern and Mid-Atlantic states in the US to reduce CO_2. Aim is to reduce CO_2 emissions from the power sector 10% by 2018

Content

Market overview power

Market structure[1]



[1]Source: BDEW 2011.

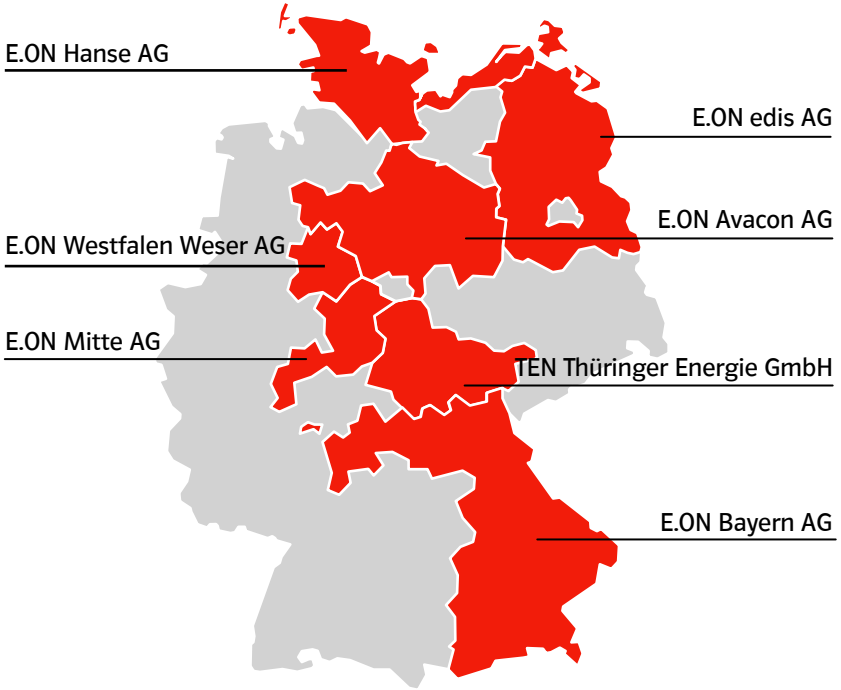
Key figures German power market[1]

	E.ON shareholdings	Overall market[1]
Power supplied	191.3 billion kWh[2]	538.0 billion kWh
Customers	6.4 million	45 million
Generation output CHP (heat)	5.2 billion kWh	100.9 billion kWh

[1] As December 31, 2010.
[2] Consolidated shareholdings >50.0 percent

Distribution system in the German power market

German power distribution system



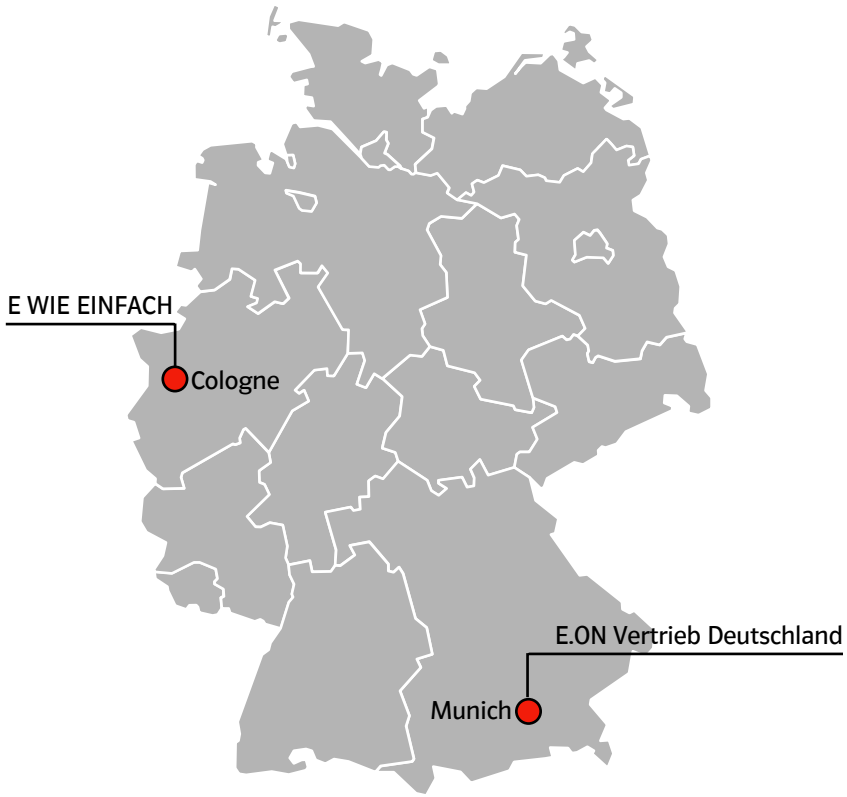
Major shareholdings[1]

	Interest (%)
E.ON Hanse AG	73.8
E.ON Westfalen Weser AG	62.8
E.ON Mitte AG	73.3
E.ON edis AG	70.2
E.ON Avacon AG	67.8
TEN Thüringer energienetze GmbH	53.0
E.ON Bayern AG	100.0

[1] As of December 31, 2010.

Activities in the German power sales market

German power sales market



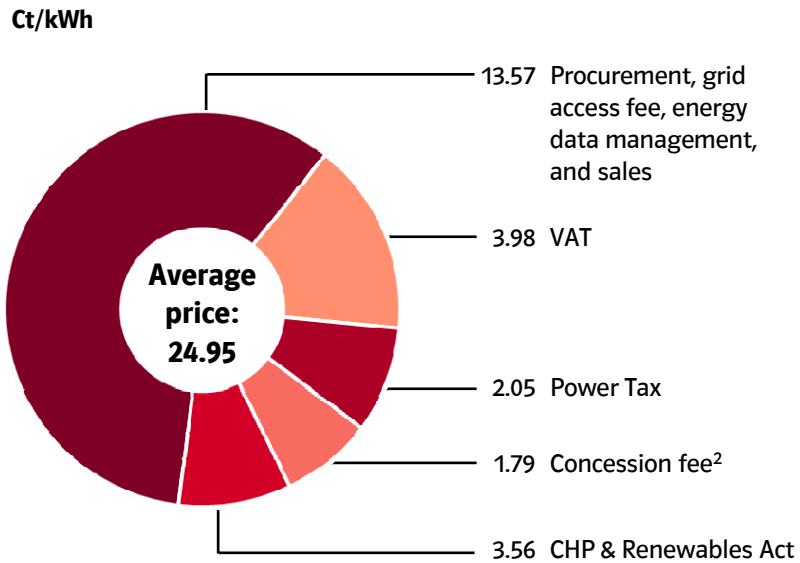
Major shareholdings[1]

	Interest (%)
E WIE EINFACH Strom & Gas GmbH	100.0
E.ON Vertrieb Deutschland GmbH	84.8

[1] As of December 31, 2010.

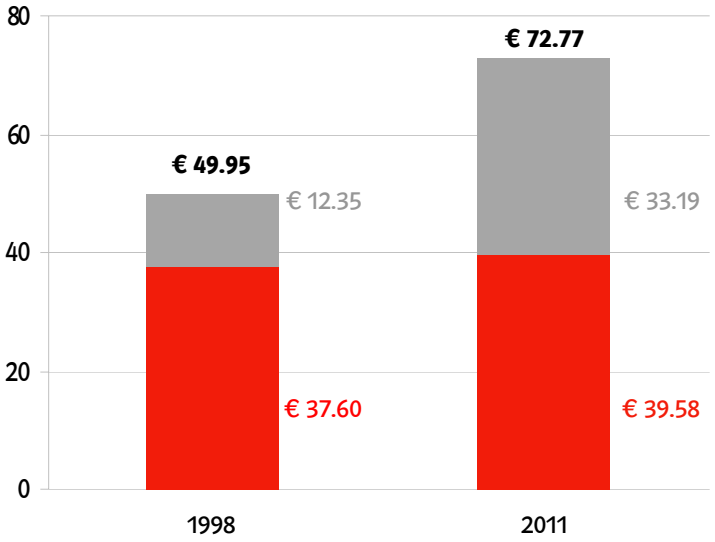
Composition of power prices in Germany

Average power price for households[1]



[1] Power supplied to households; annual sales volume 3,500 kWh as of spring 2011.
[2] Concession fees vary from city to city depending on number of residents.
Source: BDEW.

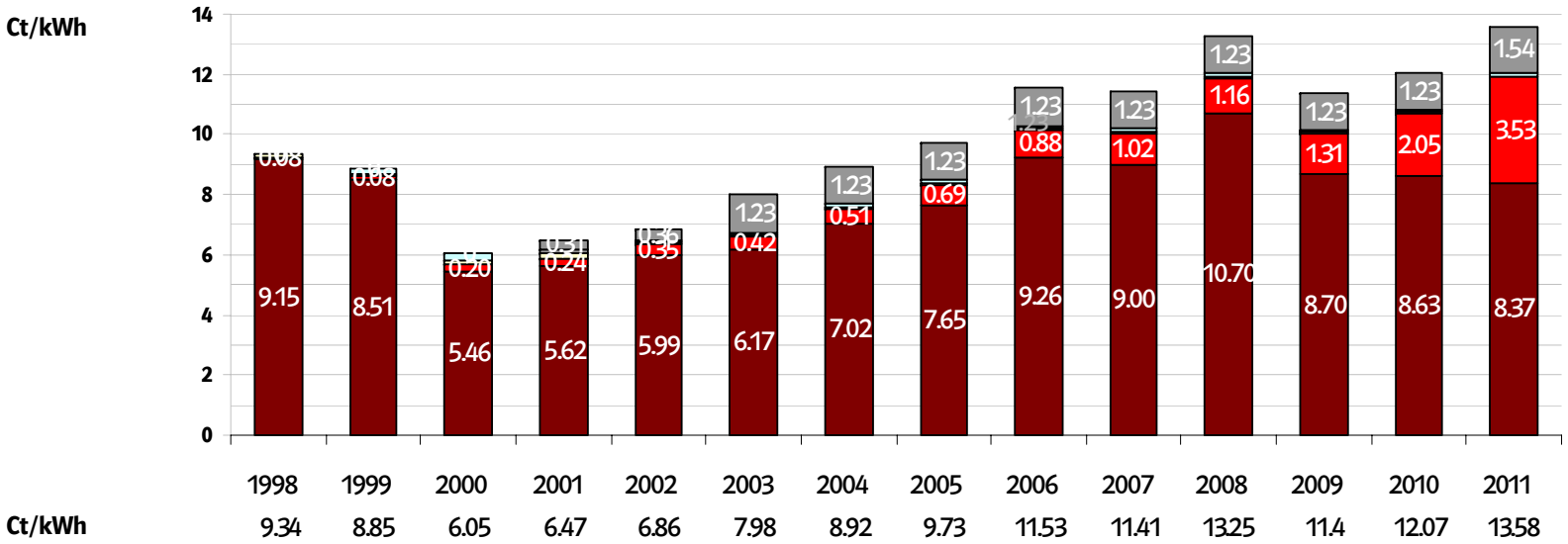
Monthly power bill for a 3-person household (3,500kWh/year)



Source: BDEW, 2011.

Composition of power prices in Germany

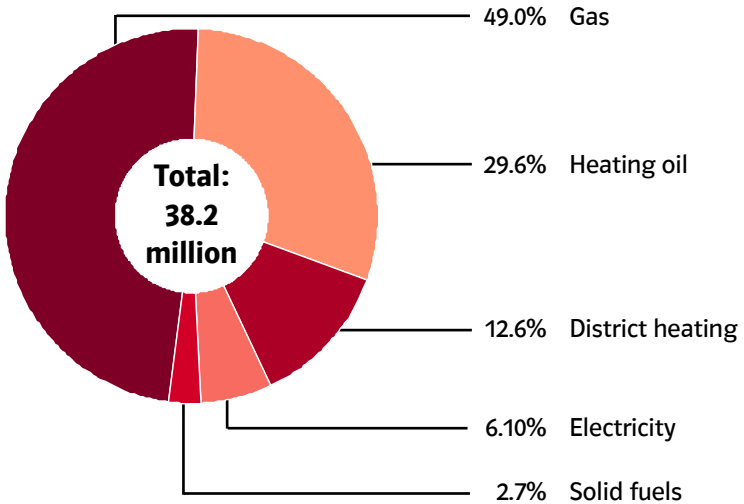
Average power price for industrial customers[1]



[1] Supply at medium voltage level. Demand of 100 kW/1,600 h to 4,000 kW/5,000 h.
[2] As of March 2011. Sources: VEA, BDEW.

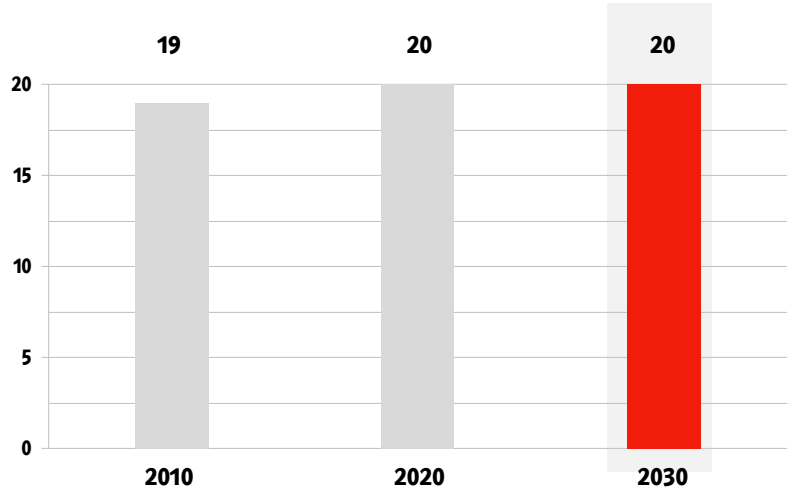
Residential heating system

Residential heating systems by fuel



[1]2010. Source: preliminary figures 2010, BDEW.

Homes with a gas-fired heating system[1]



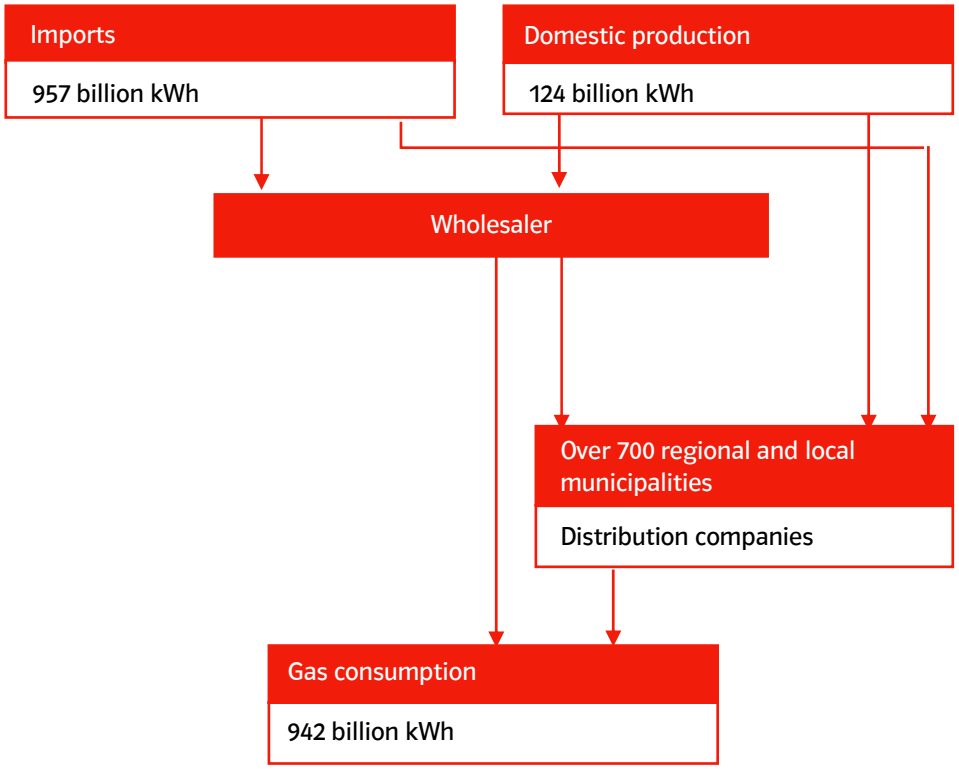
[1]Million dwellings.

- Approximately 50 percent of new dwellings have a gas-fired heating system.
- Over the years, gas has steadily increased its share of the residential space-heating market.
- Today, gas is the most popular choice for heating homes.

- The number of homes heated by gas has been steadily growing since the 1970s. This development is continuing. Today, 49 percent of the nearly 38 million homes in Germany use gas for heating and the trend is upwards.

Market overview gas

Market structure[1]



[1] 2010. Source: preliminary figures 2010, BDEW.

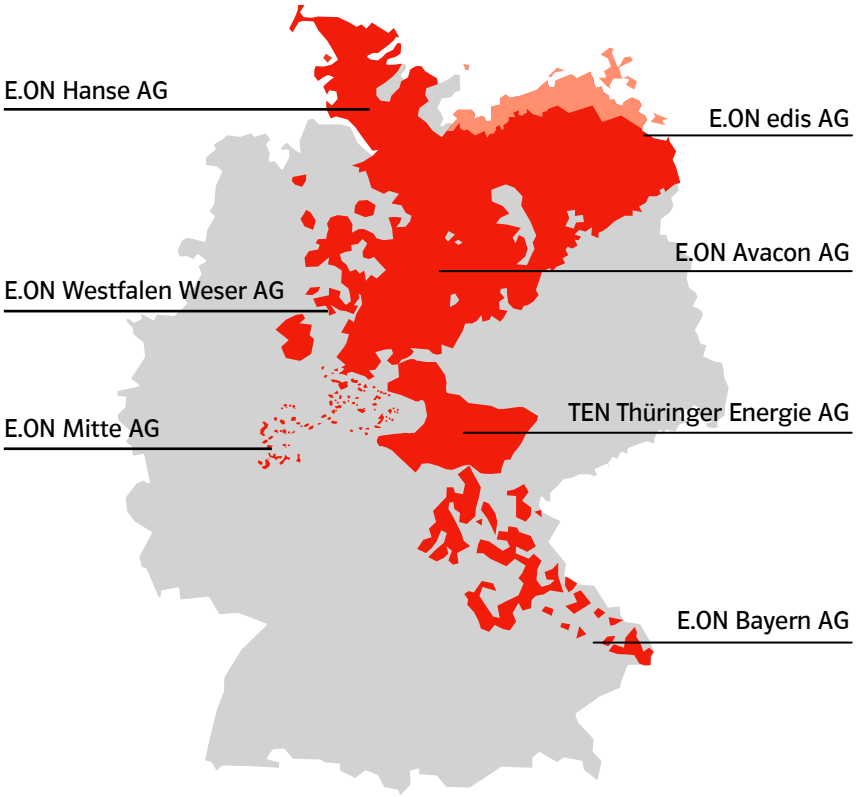
Key figures German gas market[1]

	E.ON shareholdings[2]	Overall market
Gas supplied	502,7 billion kWh	1080.0 billion kWh
Customers	1.0 million	-
Gas demand	-	942 billion kWh

[1] As of December 31, 2010.
[2] Consolidated shareholdings >50.0 percent.

Distribution system in the German gas market

German gas distribution system



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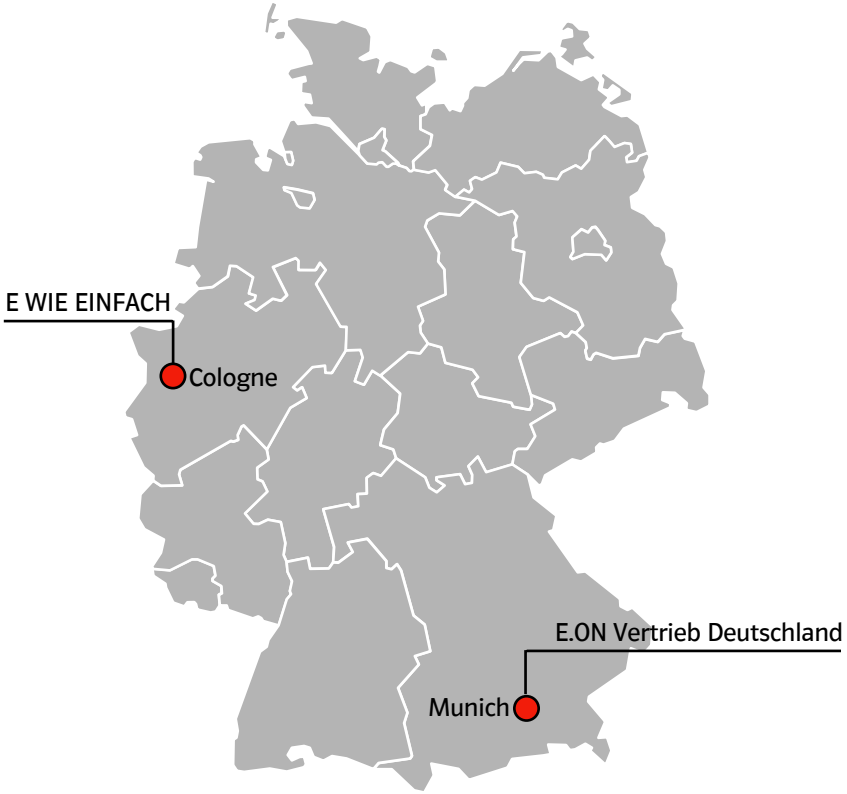
TEN Thüringer energienetze GmbH	53.0
E.ON Bayern AG	100.0

[1] As of December 31, 2010.

Activities in the German gas sales market

German gas sales market



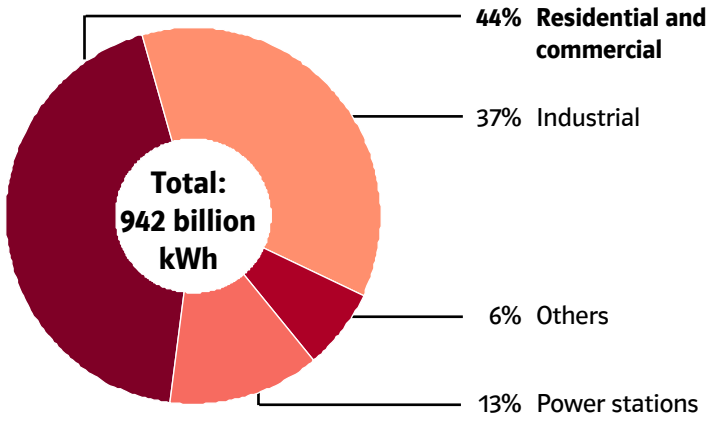
Major shareholdings[1]

	Interest (%)
E WIE EINFACH Strom & Gas GmbH	100.0
E.ON Vertrieb Deutschland GmbH	84.8

[1] As of December 31, 2010.

Natural gas consumption by market sector

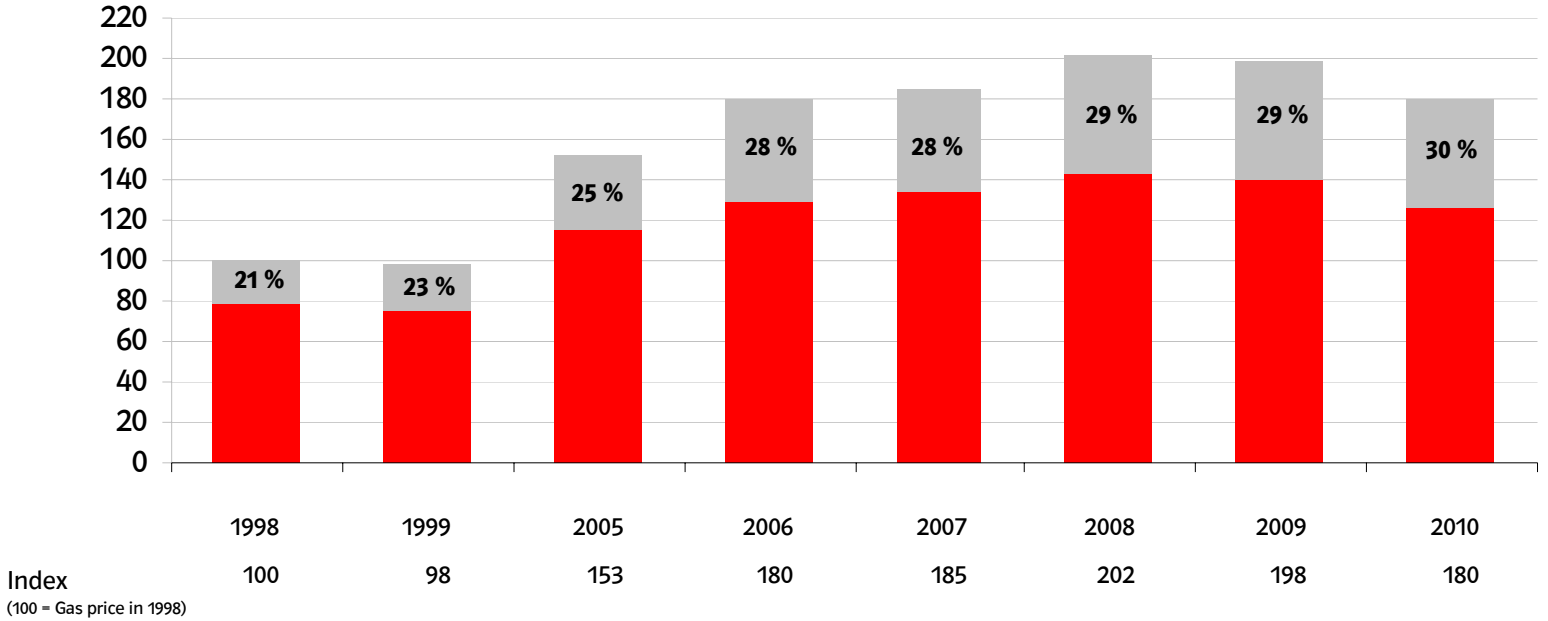
Gas consumption by sector[1]



[1] 2010. Source: preliminary figures 2010, BDEW.

Composition of gas prices in Germany

Average Gas price for households[1]

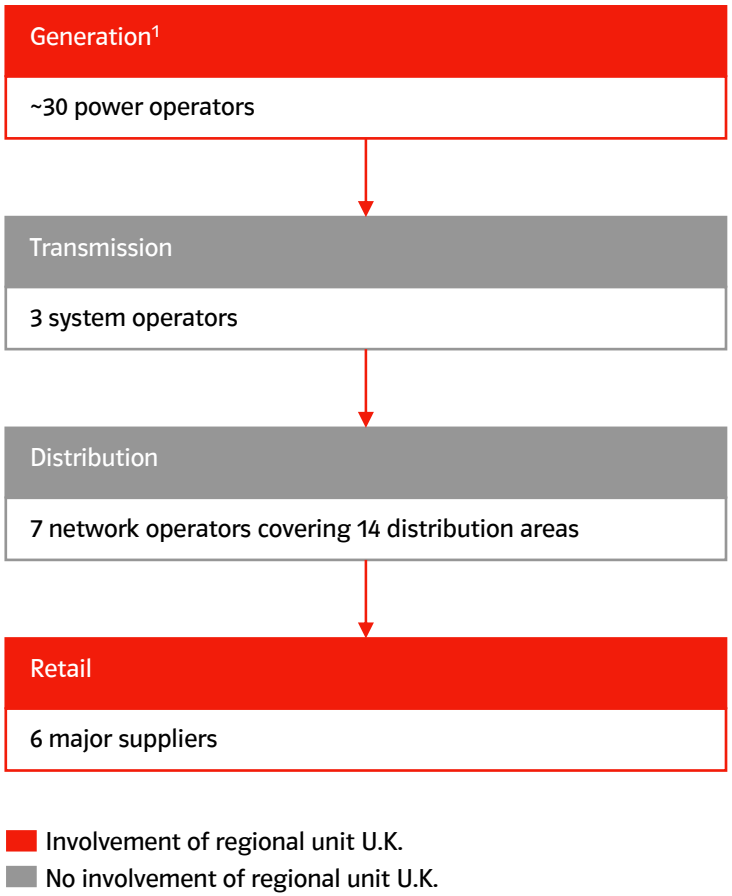


[1] Index 100 = 1998, preliminary figures for 2010, Source: bdew as of June 2011

Content

U.K. - Market overview power

Market structure



[1] Mainly CHP. For involvement in generation activities refer to part Generation.

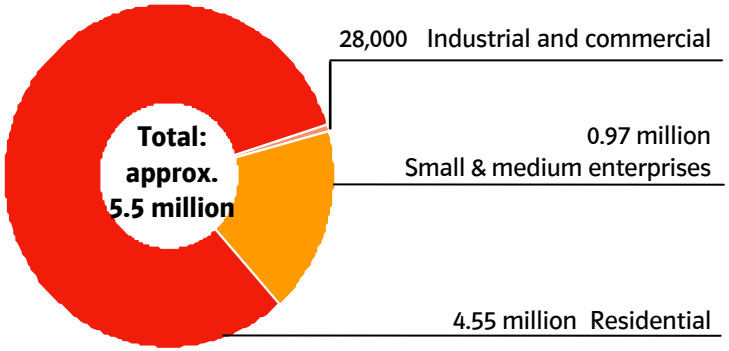
Key figures U.K. power market[1]

	E.ON shareholdings	Overall market
Power supplied	77.8 billion kWh	320 billion kWh
Customers	5.5 million	48.0 million
CHP power volume	0.5 billion kWh	-

[1] As of December 31, 2010.

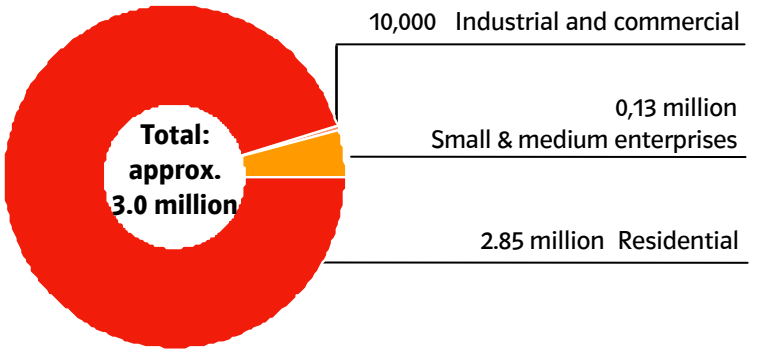
U.K. - Power and gas customers

Power customers[1]



[1] As of December 31, 2010.

Gas customers[1]



[1] As of December 31, 2010.

U.K. Sales by customer segment [1,2]

Power	**2010**	**2009**	**+/- %**
Power residential and SME	28.9	27.3	+5.9
Power I&C	19.4	16.4	+18.3
Power market sales	29.5	34.3	-14.0
Total	**77.8**	**78.0**	**-0.3**

Gas	**2010**	**2009**	**+/- %**
Gas residential and SME	59.9	52.8	+13.4
Gas I&C	14.5	18.5	-21.6
Gas market sales[3]	0.0	0.0	-
Total	**74.4**	**71.3**	**+4.3**

[1] As of December 31, 2010.
[2] Billion kWh.
[3] Following the transfer of gas contracts to Energy Trading during 2008, gas sales to Energy Trading in 2010 are zero.

- One of the U.K.'s leading national energy brands with about 8.5 million customer accounts (5.5 million electricity and 3 million gas).

U.K. - Energy services

Energy Services key figures

Home installations	**2010**
Number of heating jobs	195,911
Number of local authority/housing association contracts	4
Metering	**2010**
Smart meters fitted	2,453

Key Facts

- Metering Services – provides meter installation, data retrieval, data management and meter maintenance services to external customers and our retail business
- Home Energy Services – provides home energy installations and repairs, including loft and cavity wall insulations, boiler service and repair work to domestic customers, local authorities and housing associations.

Sweden - Market overview power

Market structure

Generation[1]

~350 operators (Vattenfall, Fortum, Statkraft, E.ON and DONG accounts for ~ 60 % of the market)[2]

Trading

~340 operators[3]

Transmission

Sweden: Svenska Kraftnät 100%
Finland: Fingrid 100%
Norway: Statnett 90%, others 10%
Denmark: Energinet.dk 100%[3]

Distribution

~500 operators (Vattenfall, Fortum, E.ON account for ~25 % of the market)[3]

Retail

~350 operators (Vattenfall, Fortum, Statkraft, Hafslunds and DONG account for ~40 % of the market)[2]

Involvement of regional unit Sweden
No involvement of regional unit Sweden

[1] Mainly CHP. For involvement in generation activities refer to parts Generation and Renewables.
[2] Nord Pool Spot and company websites.
[3] Nord Pool Spot website.

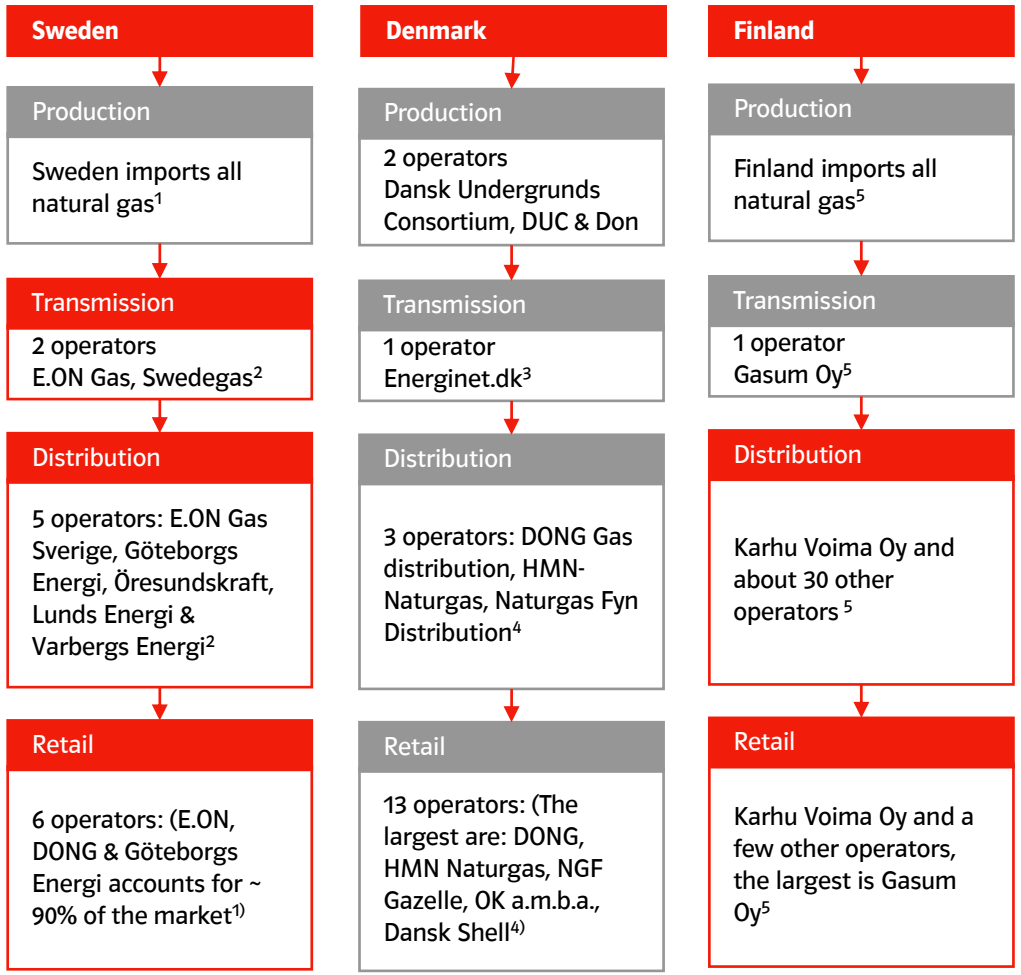
Key figures Swedish power market[1]

Sweden[2]	E.ON shareholdings	Overall market
Power supplied	20.5 billion kWh	147.1 billion kWh[3]
Customers	0.8 million	5.2 million[3]

[1] As of December 31, 2010, „Customers" correspond to Retail Customers.
[2] Including Denmark and Finland.
[3] SwedEnergy.

Sweden - Market overview gas

Market structure



Involvement of regional unit Sweden No involvement of regional unit Sweden

[1] Swedish Energy Markets Inspectorate. [2]energigas.se. [3]energienet.dk. [4]Danish Energy Regulatory Authority.
[5] ERGEG 2010.

Key figures Swedish gas market[1]

Sweden[2]	E.ON shareholdings	Overall market
Gas supplied	8.9 billion kWh	17.0 billion kWh[3]
Customers	11,000	37,000[3]

[1] As of December 31, 2010.
[2] Including Denmark and Finland.
[3] Supply including usage in power & heat plants Source: Energigas.se and Swedish. Energy Markets Inspectorate.

The natural gas market in Sweden

Natural gas market in Sweden

Key Facts

- Gas represents approximately 20 percent of total energy supply in the Nordic region, while at the national level, it comprises somewhat 3.5 percent[1] of Sweden's total energy supply
- The 390 km national gas transmission pipeline is owned by Swedegas AB
- E.ON Sverige owns, operates and maintains a regional high-pressure gas pipeline with a length of 230 km and a low-pressure gas distribution pipeline with a length of 1,855 km
- In addition, E.ON Sverige has an underground gas storage facility in Getinge with a working capacity of 8.75 million m^3 and a maximum withdrawal rate of 40,000 m3/hour. In 2010, E.ON Sverige transported a total of 11.2 billion kWh of gas through its gas pipeline system.
- All gas is imported from Denmark. The Swedish natural gas market is currently connected to the Danish natural gas market through one supply route. Sweden's strategic location between two of the largest producers, Russia and Norway, has led to the initiation of several studies and projects with the aim of increasing supplies to or via Sweden.

[1] Swedish Energy Markets Inspectorate 2010.

Sweden - Distribution regions for power and gas

Kainuun Energia
57,000 customers

Mid-Norrland
81,000 customers

Karhu Voima
13 industrial customers

Stockholm
120,000 customers

Mälardalen/Örebro
101,000 customers

Norrköping
106,000 customers

Southern Sweden
594,000 customers

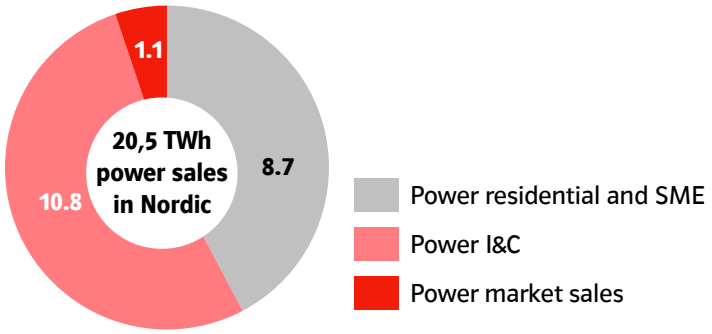
Sweden - Sales by customer segment

Sweden sales by customer segment [1,2]

Power	2010	2009	+/-%
Power residential and SME	8,7	7,1	+22.5
Power I&C	10,8	10,8	-
Power market sales[3]	1.1	22,4	+23.7
Total	**20.5**	**40,3**	**+17.1**
Gas	**2010**	**2009**	
Gas residential and SME	0,3	0,2	+50.0
Gas I&C	3.8	4,0	-5.0
Gas market sales[3]	4.9	0,4	-50.0
Total	**9.0**	**4,6**	**-6.5**

[1] As of December 31, 2010.
[2] Billion kWh.
[3] EET.

Sweden power sales by customer segment

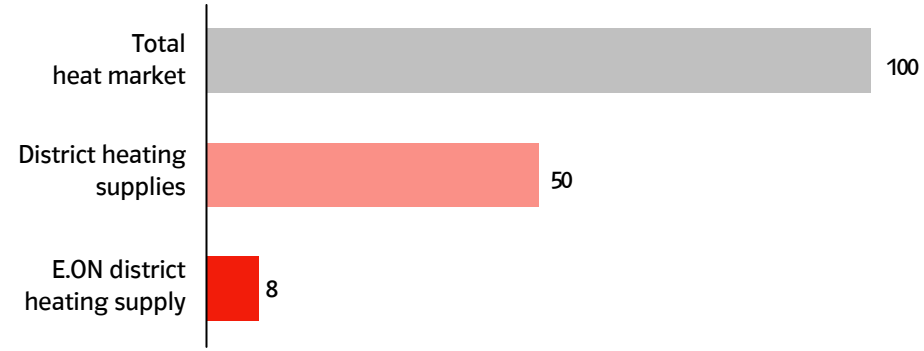


Key Facts

- Sweden's second-largest power company
- No. 3 in power/gas retail with 0.8 million customers in the Nordic region

Sweden - District heating

Heat market in Sweden (TWh)



E.ON's district heating activities in Sweden

- #2 on the Swedish district heating market (in volumes)[1]
- Approximately 45 district heating networks
- Approximately 600 facilities
- 7.7 TWh heat delivery in 2010
- 25 000 customers
- 32 000 connections

[1] Number 1 is Fortum with approximately 9 TWh and Vattenfall is number 3 with approx. 4 TWh.

Italy - Market overview power

Market structure

Generation[1]
6 main operators (Enel, Edison, Eni, E.ON, Enipower and A2A account for ~60% of the market)[2]

Trading
37 operators, Eni, Enel Trade, Edison, Sinergie Italiane and Plurigasbeing being the five main operators (40% of sales).[2]

Transmission
11 operators, TERNA being the main player (>95%).[2]

Distribution
144 operators (Enel, A2A, Acea and Aem Torino account for 95% of the market).[2]

Retail
375 operators (Enel, Edison, Electrabel Acea, Eni, A2A, Sorgenia, E.ON account for ~70% of the market).[2]

Involvement of regional unit Italy
No involvement of regional unit Italy

[1] For involvement in generation activities refer to parts Generation and Renewables.
[2] 2010 figures, based on the report of the Regulatory Authority (AEEG) 2011.

Key figures Italian power market[1]

	E.ON shareholdings	Overall market[2]
Power supplied	14,8 billion kWh	288 billion kWh
Customers	207,300	36.6 million

[1] As of December 31, 2010.
[2] 2010 figures, based on the report of the Regulatory Authority (AEEG) 2011.

Shareholdings in the Italian power market[1]

	Interest (%)
E.ON Energia SpA	100.0%

[1] As of December 31, 2010.

Italy - Market overview gas

Market structure

Production

Seven operators produce natural gas in Italy, however 92.5% of the consumption is imported (via pipeline and LNG).[1]

Transmission

Main operator Snam Rete Gas (94%), Edison (4%) and eight minor operators.[1]

Storage

Eight storages run by Stogit, two by Edison Storage, possibility to store 14,7 G(m^3) of working gas in Italy.[1]

Distribution[2]

248 operators (Eni, F2i, Iren, Hera, A2A, GdF Suez[3], E.ON Rete, Toscana Energia account for ~60% of the market).[1]

Retail

231 operators (ENI, ENEL, Edison, GdF Suez, E.ON Energia, A2A account for ~60% of the market).[1]

Involvement of regional unit Italy

No involvement of regional unit Italy

[1] 2010 figures, based on the report of the Regulatory Authority (AEEG) 2011.
[2] Sale of E.ON Rete to F2i closed in 2011.
[3] GdFSuez signed an agreement with F2i, expected to be closed within this year.

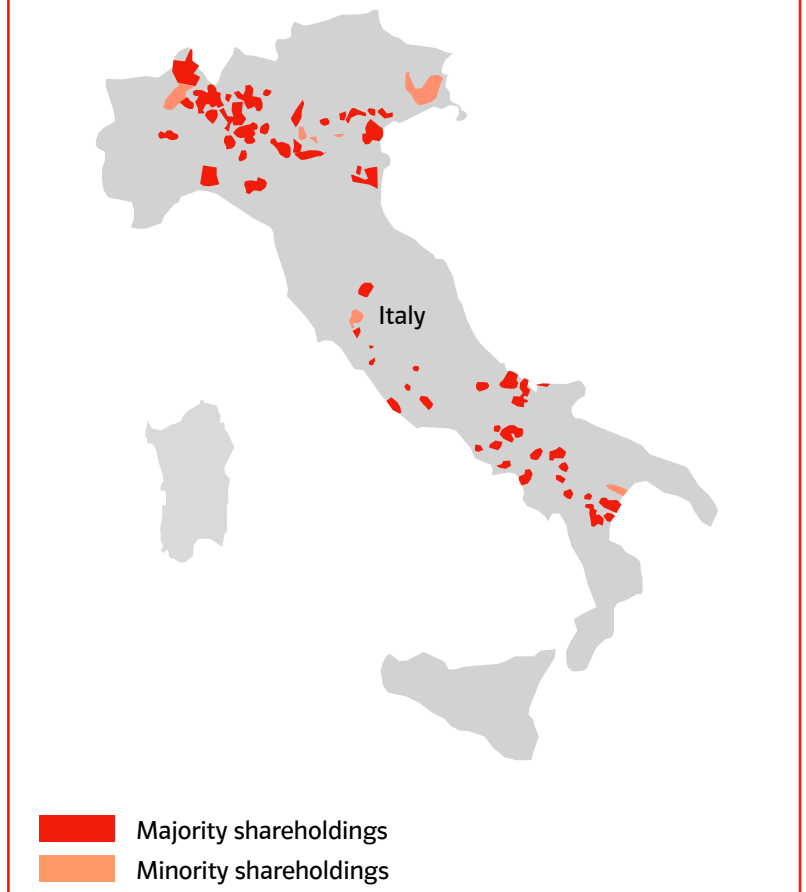
Key figures Italian gas market[1]

	E.ON shareholdings	Overall Market[2]
Gas supplied	14,6 billion kWh	4,725 billion kWh
Customers	646,400	21.1 million

[1] As of December 31, 2010.
[2] 2010 figures, based on the report of the Regulatory Authority (AEEG) 2011.

Italy - Activities in the gas market

Italian gas market – gas downsstream assets



Shareholdings in the Italian gas market[1]

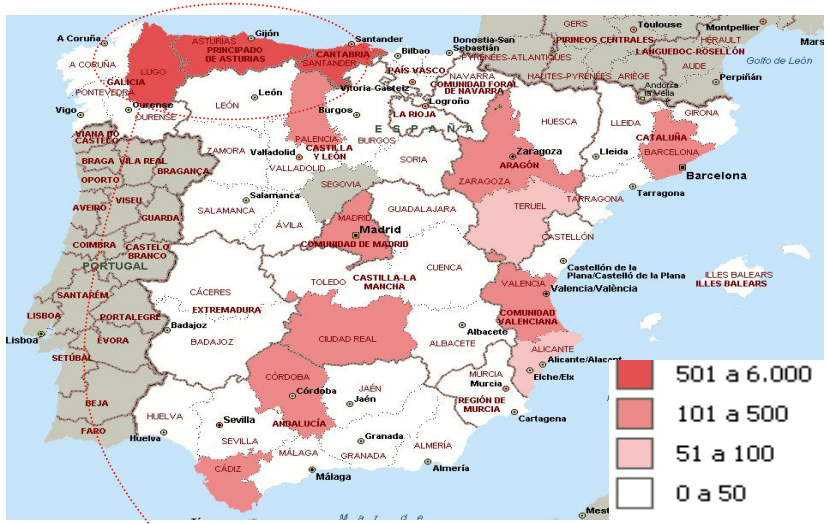
	Interest (%)
E.ON Energia SpA	100.0%
Somet	60.0%
E.ON Rete	100.0%
GEI SpA	49.0%
Amga - Azienda Multiservizi Spa	20,2%

[1] As of December 31, 2010.

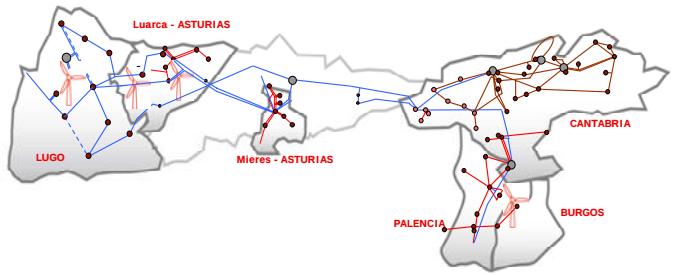
Spain - Activities in the Distribution and Sales Market

Spanish power market – power distribution

E.ON Spain Sales (number of accounts)



E.ON Spain Distribution network



Key figures Spanish power distribution market[1]

Network	720 km (thousands)
Power supplied	244.7 TWh
Customers (millions)	27,6

[1] As of December 31, 2010.

Key figures EON Spanish power distribution market[1]

Network	31,297 km
Power supplied	4.3 billion kWh
Customers	596,000
Gas supplied	0.5 billion kWh

[1] As of December 31, 2010.

Power sales[1]

	2010
Residential customers and small- and medium-sized enterprises	2,604 million kWh
Industrial and commercial customers	2,181 million kWh
Total	**4,785 million kWh**

[1] As of December 31, 2010.

Shareholdings in the Spanish market[1]

Power Distribution market[1]	**Interest (%)**
E.ON Distribución, S.L.U.	100.0%
Barras Eléctricas Galaico-Asturianas, S.A.	54.95%
Power Sales market[1]	**Interest (%)**
E.ON Energia, S.L.	100.0%
E.ON Comercializadora de Ultimo Recurso, S.L.	100.0%

[1] As of December 31, 2010.

France - Market overview power

Market structure

Generation[1]
EDF, GDF Suez, E.ON representing approx. 95% of market + smaller players

↓

Trading

↓

Transmission
RTE

↓

Distribution
~10 operators (ERDF, LD, Electricité de Strasbourg, UEM, Soregies)

↓

Retail
~30 operators (EDF, E.ON,Electrabel, Enel, Iberdrola, Poweo, Direct Energie, Alpiq, HEW, RWE, GDF Suez,)

Involvement of regional unit France
No involvement of regional unit France

[1] For involvement in generation activities refer to parts Generation and Renewables.

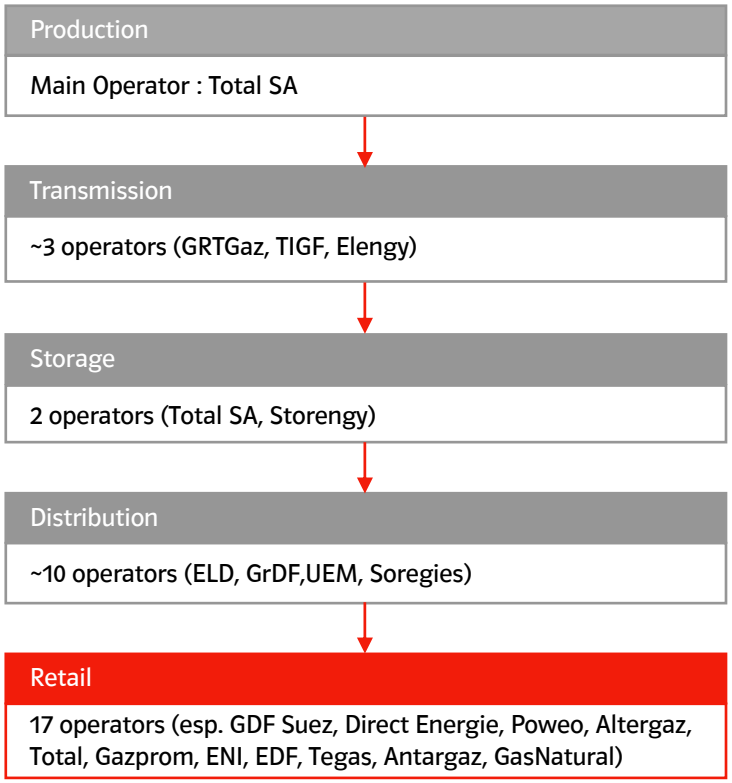
Key figures French power market[1]

	E.ON shareholdings	Overall market
Power supplied	11.2 billion kWh	488 TWh
Customers	-	32.1 million

[1] As of December 31, 2010.

France - Market overview gas

Market structure



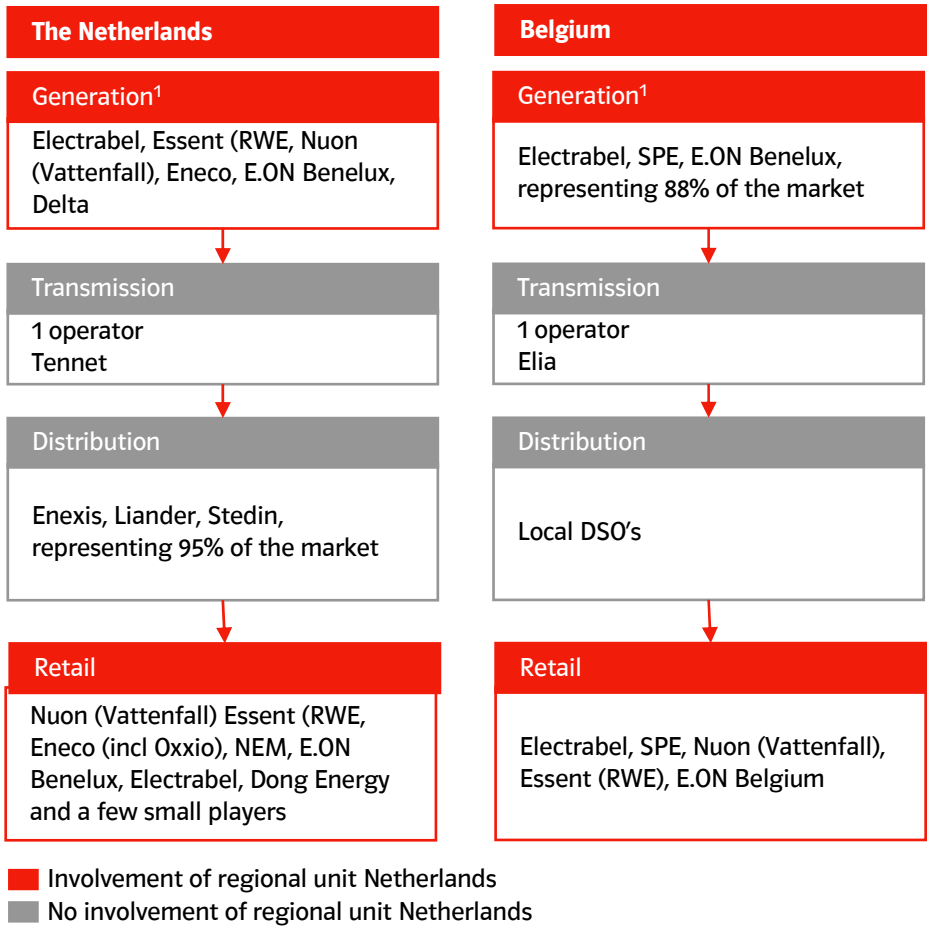
Key figures French gas market[1]

	E.ON shareholdings	Overall market
Gas supplied[2]	7.8 billion kWh	506 billion kWh
Customers	-	11.4 million

[1] As of December 31, 2010.
[2] I&C customers.

Netherlands - Market overview power

Market structure



[1] Mainly CHP. For involvement in generation activities refer to part Generation.

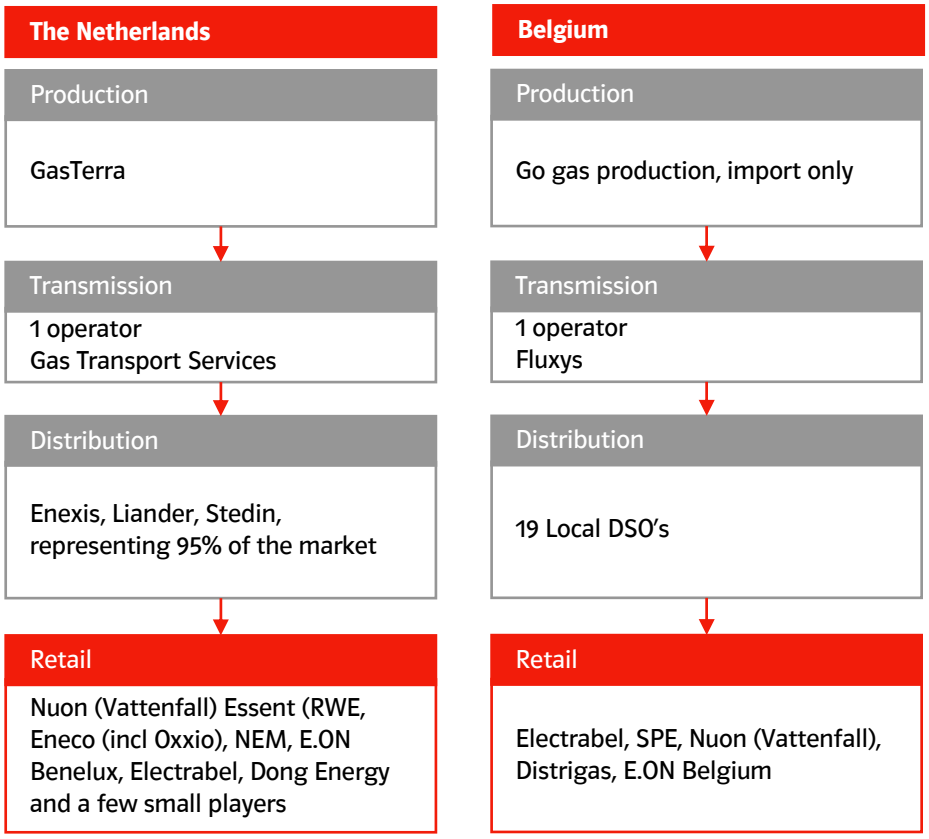
Key figures Netherlands' power market[1]

	E.ON shareholdings	Overall market
Netherlands[2]		
Power supplied	15.9 billion kWh	-
Customers	147,000	8.0 million

[1] As of December 31, 2010.
[2] Including Belgium.

Netherlands - Market overview gas

Market structure



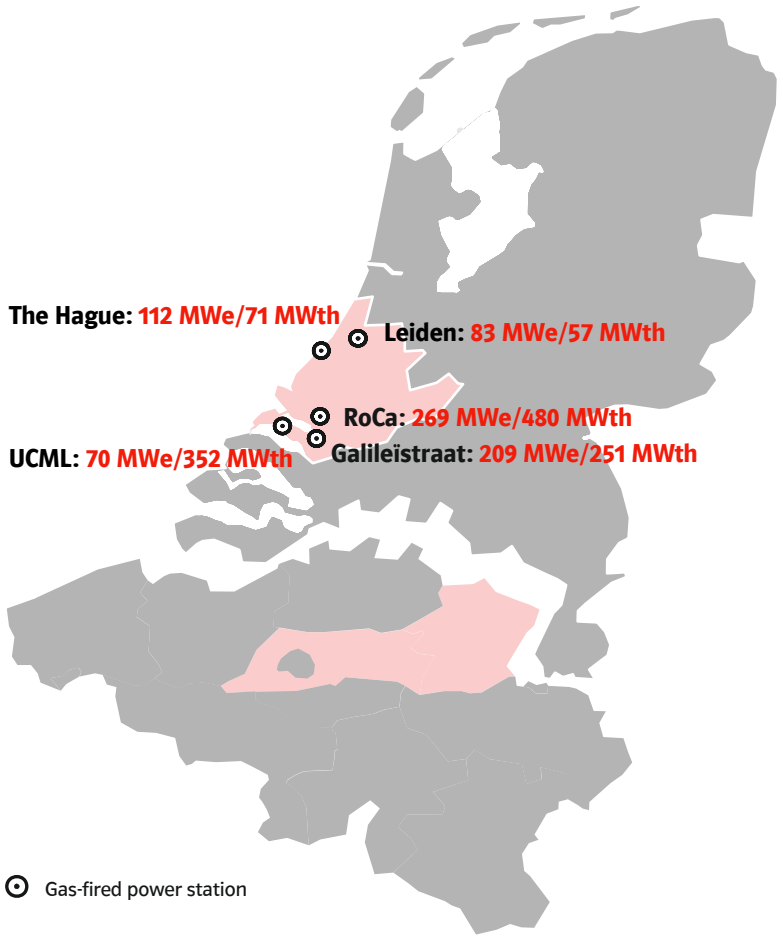
Key figures Netherlands' power market

	E.ON shareholdings	Overall market
Netherlands[2]		
Gas supplied	7.2 billion kWh	-
Customers	182,000	7.0 million

[1] As of December 31, 2010.
[2] Including Belgium.

Netherlands - Activities in the power market

Netherlands power market



Shareholdings in the Netherlands' power market[1]

	Interest (%)
E.ON Benelux N.V.	100.0
E.ON Benelux Levering B.V.	100.0
E.ON Belgium N.V.	100.0
U.C.M.L. B.V.	100.0
Biomass Nederland B.V.	100.0
EZH-SE.ON B.V.	100.0
EZH Systems Inc. of Delaware, USA	100.0
E.ON Maasvlakte CCS Project B.V.	50.0
Q-Energy B.V. of Eindhoven	53.0
Maasvlakte CCS Project C.V.	50.0

[1] As of December 31, 2010.

Hungary - Market overview power

Market structure

Generation[1]

MVM, GDF Suez, AES and RWE account for ~80% of the market

Trading

E.ON Energy Trade, MVM Trade

Transmission

MAVIR

Distribution

E.ON: E.ON Dél-dunántúli Áramhálózati ZRt., E.ON Észak-dunátúli Áramhálózati ZRt., E.ON Tiszántúli Áramhálózati ZRt.

Other: ELMÜ (RWE), ÉMÁSZ (RWE), DÉMÁSZ (EDF)

Retail

221 operators:
E.ON: E.ON Energiaszolgáltató Kft.,
Other: DÉMÁSZ Zrt. (EDF), ELMÜ (RWE), MVM ~70% of the market

Involvement of regional unit Hungary
No involvement of regional unit Hungary

[1] Mainly CHP. For involvement in generation activities refer to part Generation.

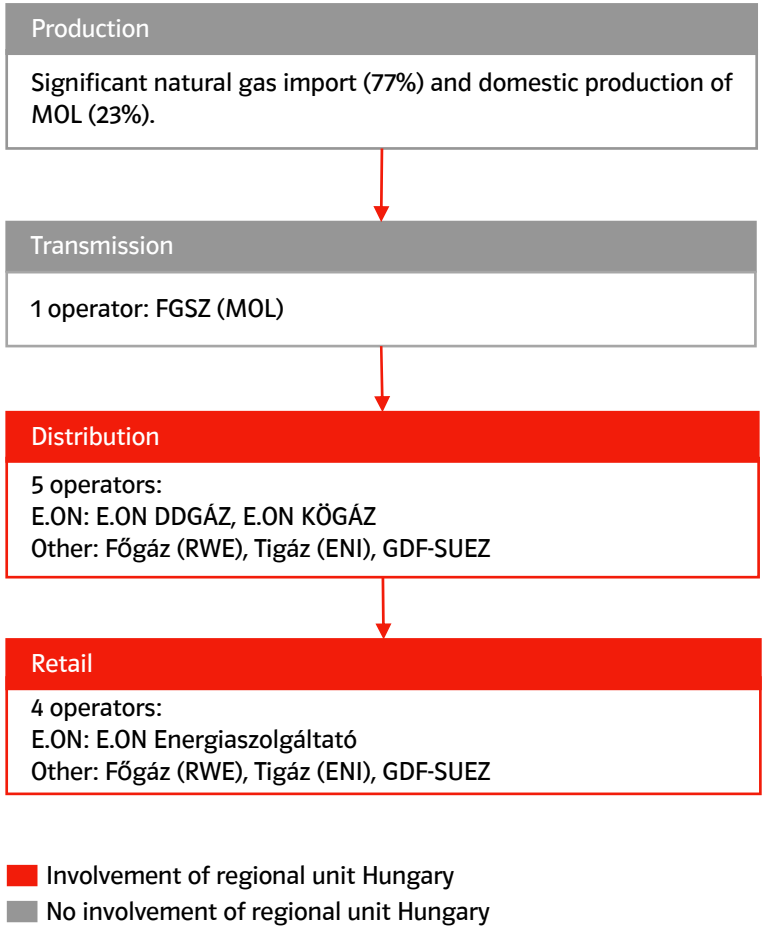
Key figures Hungarian power market[1,2]

	E.ON shareholdings	Overall market
Power supplied	13.3 billion kWh	31.0 billion kWh
Customers	2.7 million	7.0 million

[1] MEH- Hungarian Energy Office.
[2] As of December 31, 2010.

Hungary - Market overview gas

Market structure



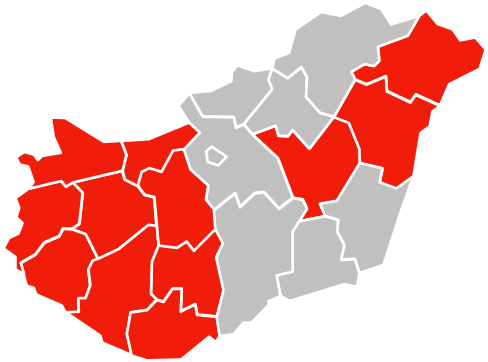
Key figures Hungarian gas market[1]

	E.ON shareholdings	Overall market
Gas supplied	9.9 billion kWh	64.0 billion kWh
Customers	0.6 million	3.9 million

[1] MEH- Hungarian Energy Office

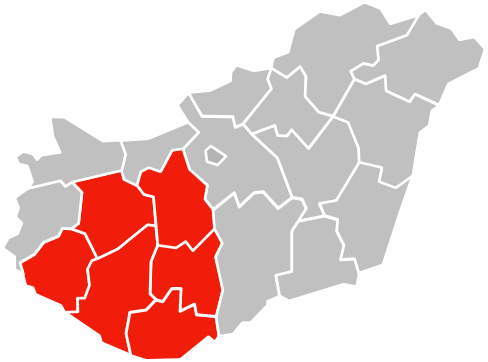
Hungary - Activities in the power and gas market

Hungarian power market



Majority shareholdings

Hungarian gas market



Majority shareholdings

Shareholdings in the Hungarian power market[1]

	Interest (%)
E.ON Hungária Energetikai ZRt.	100.0
Debreceni Kombinált Ciklusú Erömü Kft.	100.0
Nyíregyházi Kombinált Ciklusú Erömü Kft.	100.0
E.ON Energiatermelö Kft.	100.0
E.ON Dél-dunántúli Áramhálózati ZRt.	100.0
E.ON Észak-dunátúli Áramhálózati ZRt.	100.0
E.ON Tiszántúli Áramhálózati ZRt.	100.0
E.ON Energiaszolgáltató Kft.[2]	100.0
E.ON Hálózati Szolgáltató Kft.	100.0
E.ON Ügyfélszolgálati Kft.	100.0
E.ON Gazdasági Szolgáltató Kft.	100.0
EH-SZER Kft.	51.0

[1] As of December 31, 2010.
[2] Particiant of Gas & Electricity market either.

Shareholdings in the Hungarian gas market[1]

	Interest (%)
E.ON Dél-dunántúli Gázhálózati ZRt. (DDGÁZ)	100.0
E.ON Közép-dunántúli Gázhálózati ZRt. (KÖGÁZ)	99.8

[1] As of December 31, 2010.

Czech Republic - Market overview power

Market structure

Generation[1]

~13 000 operators with licence from ERO (Energy Regulatory Office)

↓

Transmission

ČEPS – state operator

↓

Distribution

ČEZ, E.ON, Pražská energetika

↓

Retail

~ 330 operators with licence from ERO (ČEZ, E.ON, PRE, RWE, Bohemia Energy, Bicorn, Centropol,...)

Involvement of regional unit Czech Republic
No involvement of regional unit Czech Republic

[1] Mainly CHP. For involvement in generation activities refer to part Generation.

Key figures Czech Republic power market[1]

	E.ON shareholdings	Overall market
Power supplied	14.6 billion kWh	57,7 billion kWh
Customers	1.3 million	5.8 million

[1] As of December 31, 2010.

Czech Republic - Market overview gas

Market structure

Production

Czech republic imports almost all natural gas (95%)

Transmission

RWE Transgas Net

Distribution

RWE (incl. RWE,SMP,VCP,JMP (Jihomoravská plynárenská distribuce,a.s. (indirect EON share)), Pražská plynárenská distribuce,a.s. (indirect EON share), E.ON

Retail

~ 130 operators with license from ERO - RWE, E.ON, Pražská Plynárenská (E.ON share), ČEZ, Bicorn, Centropol, …)

Involvement of regional unit Czech Republic
No involvement of regional unit Czech Republic

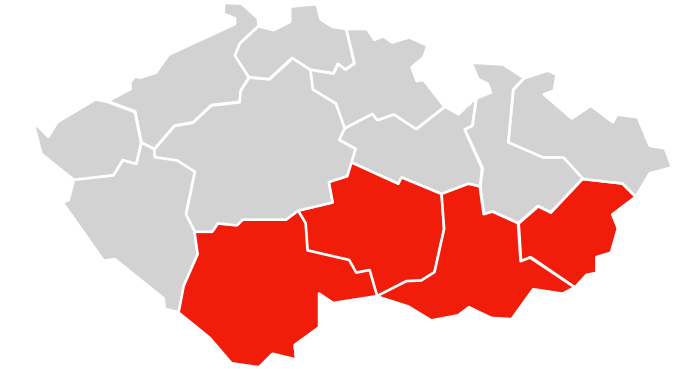
Key figures Czech Republic gas market[1]

	E.ON shareholdings	Overall market
Gas supplied	19.1 billion kWh	93.3 billion kWh
Customers	0.5 million	2.9 million

[1] As of December 31, 2010.

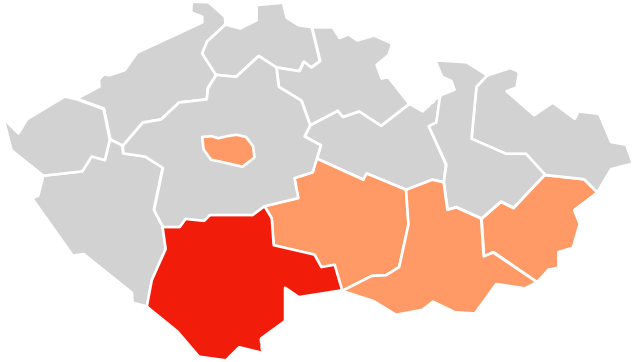
Czech Republic - Activities in the power and gas market

Czech Republic power market



Majority shareholdings

Czech Republic gas market



Majority shareholdings

Minority shareholdings ≥20 percent; management by E.ON

Shareholdings in the Czech Republic power market[1]

	Interest (%)
E.ON Czech Holding AG	100.0
Teplárna Otrokovice, a.s.	66.0
E.ON Distribuce, a.s. (power and gas)	100.0
E.ON Energie, a.s. (power and gas)	100.0
E.ON Česká republika, s.r.o.	100.0
E.ON Trend s.r.o.	100.0
Teplárna Tábor, a.s.	51.0
E.ON Servisni, s.r.o.	84.0

[1] As of December 31, 2010.

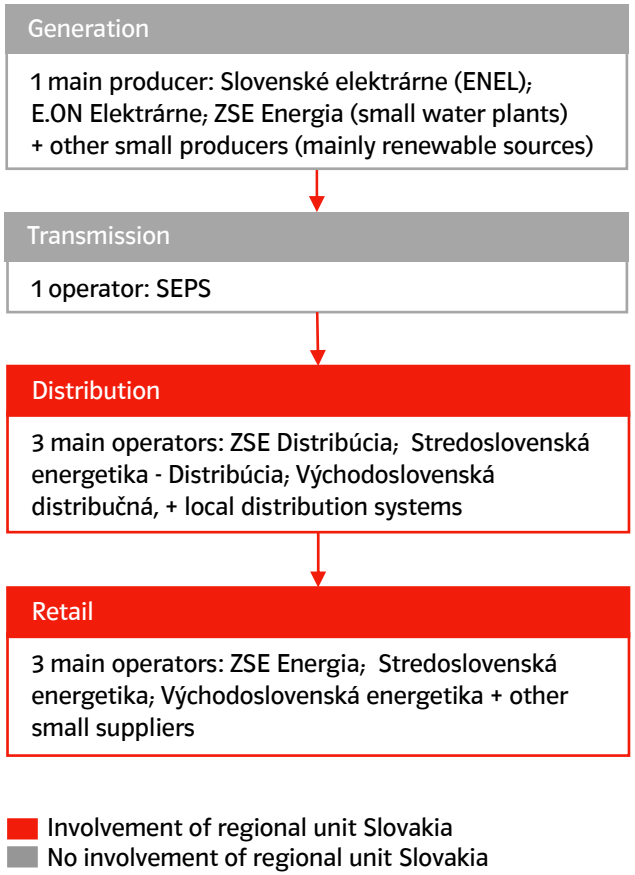
Shareholdings in the Czech Republic gas market[1]

	Interest (%)
E.ON Distribuce, a.s. (power and gas)	100.0
E.ON Energie, a.s. (power and gas)	100.0
E.ON Česká republika, s.r.o.	100.0
Prazská Plynárenská, a.s. (gas)	49.0
Jihomoravská Plynárenská, a.s. (gas)	44.0

[1] As of December 31, 2010.

Slovakia - Market overview power

Market structure



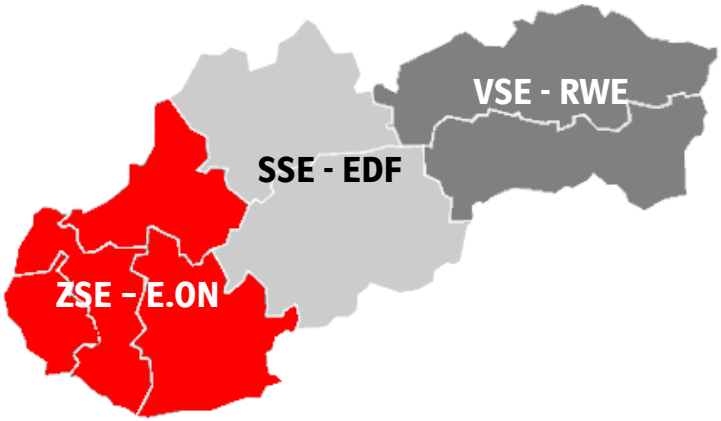
Key figures Slovakian power market[1]

	E.ON shareholdings	Overall market
Power supplied	6.8 billion kWh	28.8 billion kWh
Customers	1.0 million	2.0 million

[1] As of December 31, 2010.

Slovakia - Activities in the power market

Slovakian power market



Shareholdings in the Slovakian power market[1]

	Interest (%)
Západoslovenská energetika, a.s.	40%

[1] As of December 31, 2010.

Romania - Market overview power

Market structure

Generation
- 21 active operators: Hidroelectrica, Nuclearelectrica, C.N. Turceni, C.N. Rovinari, Termoelectrica ;
- Coal (32.74 %), Renewable (36.62 %: Hydro 35.68 %, Wind 0.54 %), Nuclear (19.11%), Natural gas (10.38 %), Others (1.15 %);

Transmission
- 1 operator: Transelectrica S.A. (state-owned): Balancing Market Operator;

Day Ahead Market
- 1 operator: OPCOM S.A. - Operator of the Green Certificates Market, Bilateral Contracts Market and Settlement Administrator;

Trading
- E.ON Energy Trading SE;
- Others: CEZ Trade Romania, ENEL Trade Romania, GDF Suez Energy Trading Romania, RWE Supply Trading;

Distribution
- E.ON Moldova Distributie S.A.;
- Others: CEZ Distributie, ENEL Distributie Banat/ Dobrogea/ Muntenia, FDEE Electrica Distributie Muntenia Nord/ Transilvania Sud/ Transilvania Nord (state-owned)

Retail
- E.ON Moldova Furnizare S.A.: market share - regulated (13%), competitive (3%), final consumer (8%);
- Others: CEZ Vanzare, ENEL Energie Muntenia, FFEE Electrica Furnizare Muntenia Nord/ Transilvania Sud/ Transilvania Nord (state-owned), Alro, Alpiq RomEnergie, CE Craiova;

Involvement of regional unit Romania
No involvement of regional unit Romania

Key figures Romanian power market[1]

	E.ON shareholdings	Overall market[2]
Power supplied	4.6 billion kWh	43.4 billion kWh[3]
Customers	1.4 million	n/a[4]

[1] As of December 31, 2010
[2] ANRE's official website
[3] Without Technological Consumption (TC); Overall 52 TWh with TC 2010
[4] Data for 2010 not available/not yet published

Romania - Market overview gas

Market structure

Production

- Significant domestic production (82.84%) and natural gas import (17.16%);
- From the domestic production Romgaz (53.41%) and OMV Petrom (44.44%) account for 97.4%;
- The top 3 suppliers of natural gas from import account for 87.46%: Romgaz (26.77 %), OMV Petrom Gas(24.34%), WIEE Romania SRL (18.54%);

Transmission

- 1 operator: Transgaz S.A. (state-owned);

Distribution

- E.ON Gaz Distributie S.A. (35.16 %);
- Other: Distrigaz Sud Retele (55.20 %), Congaz (4.21 %);

Retail

Regulated market
- E.ON Gaz Romania S.A. (42.38%, in 2011 merged into E.ON Energie Romania S.A.);
- Other: GDF Suez Energy Romania (48.71%), Congaz (1.76%);

Free market
- E.ON Gas Romania S.A. (5.13%, in 2011 merged into E.ON Energie Romania S.A.);
- Other: Petrom Gas (23.37%) + OMV Petrom (2.19%), Romgaz (22.70%), Interagro (20.62%), GDF Suez Energy Romania (11.85%);

Wholesale market
- E.ON Gaz Romania S.A. (0.86%, in 2011 merged into E.ON Energie Romania S.A.);
- Other: Romgaz (35.19%), OMV Petrom (30.97%), OMV Petrom Gas (18.37%);

Involvement of regional unit Romania
No involvement of regional unit Romania

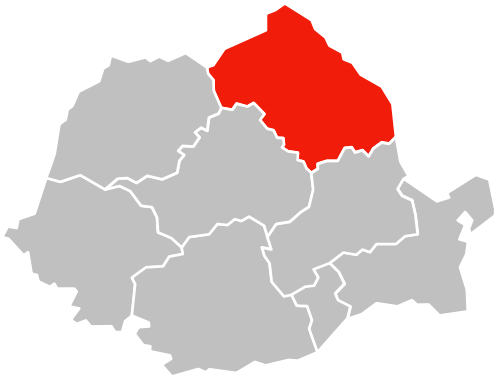
Key figures Romanian gas market[1]

	E.ON shareholdings	Overall market[2]
Gas supplied	25.8 billion kWh	146.8 billion kWh[3]
Customers	1.5 million	n/a[4]

[1] As of December 31, 2010.
[2] ANRE' official website.
[3] Including Technological Consumption (TC).
[4] Data for 2010 not available/not yet published.

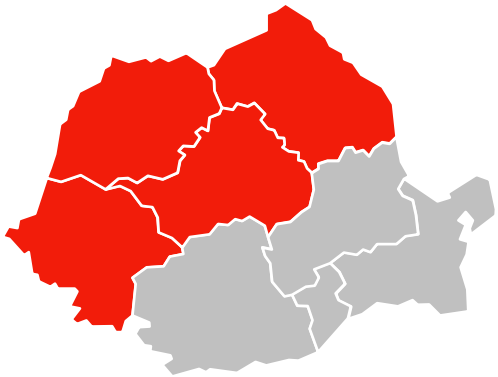
Romania - Activities in the power and gas market

Romanian power market



Majority shareholdings

Romanian gas market



Majority shareholdings

Shareholdings in the Romanian power market

	Interest (%)
E.ON România S.R.L.[1]	90.2[2]
E.ON Moldova Distributie S.A.	51.0[3]
E.ON Energie Romania S.A. (EER)[4]	51.0

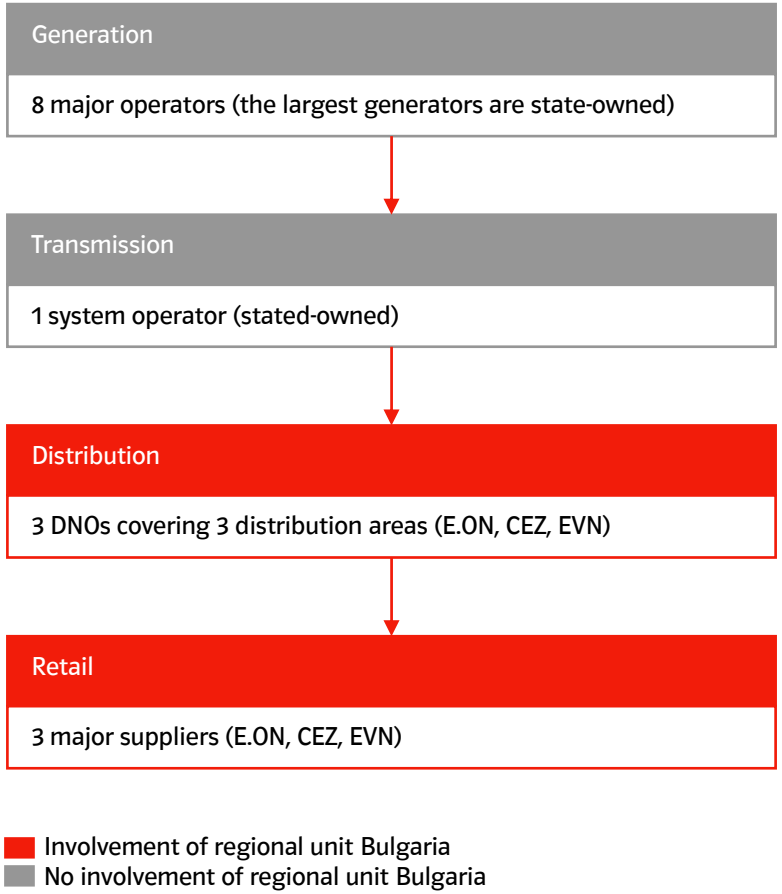
Shareholdings in the Romanian gas market

	Interest (%)
E.ON Gas Distributie S.A.	51.0[3]
E.ON Energie Romania S.A. (EER)[4]	51.0

[1] Since December 31, 2008
[2] 69.81% held by E.ON Ruhrgas International, 20.36% held by E.ON Energie AG
[3] Since Q4 2005
[4] As of December 31, 2010 the merger by absorption between E.ON Gaz Romania S.A. - EGR (absorbing company) and E.ON Moldova Furnizare S.A. - EMOF (absorbed company), whereby EGR was renamed into E.ON Energie Romania S.A (EER)., is considered effective and EMOF ceases to exist as per end of day 31 December 2010. Therefore the first full day of existence of the merged entity, integrating the power and gas businesses is 1st January 2011.

Bulgaria - Market overview power

Market structure



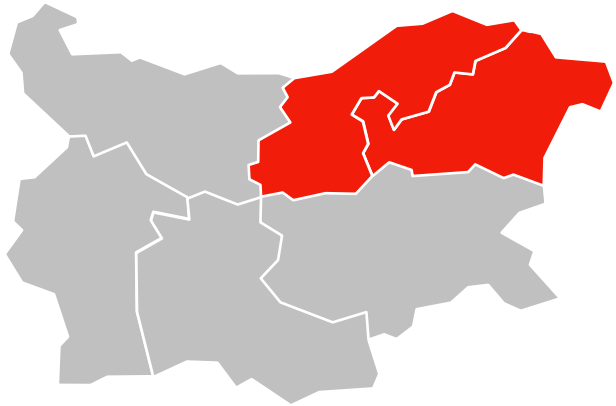
Key figures Bulgarian power market[1]

	E.ON shareholdings	Overall market
Power supplied	5.3 billion kWh	31.2 billion kWh[2]
Customers	1.2 million	4.7 million

[1] As of December 31, 2010.
[2] Gross demand.

Bulgaria - Activities in the power market

Bulgarian power market



Majority shareholdings

Shareholdings in the Bulgarian power market[1]

	Interest (%)
E.ON Bulgaria EAD (holding and services)	100.0
E.ON Bulgaria Grid AD	59.0
E.ON Bulgaria Sales AD	59.0

[1] As of December 31, 2010.

Content

Russia

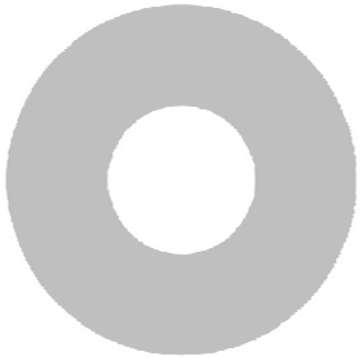
Russia – Activity overview

Power industry reform – Reshaping the market structure

- Stepwise deregulation 2007–2011
- Introduction of new market segments (e.g. day-ahead market, capacity market)
- Spot market and free bilateral contracts are focus of the new market
- Capacity is traded separately
- Balancing market to reduce imbalances
- Long-term capacity sales agreements are to be launched in 2010
- Regulated agreements — electricity and capacity are sold under the tariffs set by the regulator
- Day-ahead market— spot market with electricity sales on day-ahead basis
- Balancing market— real-time spot market

Evolution of Russian electricity market

Pre-reform model (before 2007)



Current model (2007-2010)

Target model (for 2011)

Regulated Agreements

- Prices are set by the regulator
- Prescribed counterparties
- Take-or-pay obligations for electricity and capacity volumes
- Until 2007 tariffs on a "cost plus" basis.
- From 2008 indexation formula for setting tariffs.

Day-ahead spot market

- Prices are driven by demand/supply, and input fuel costs
- Day-ahead basis
- Price-setting and price-taking bids and offers
- Hourly equilibrium prices
- Free counterparties.

Free agreements with prescribed counterparties

- Free price, terms and conditions
- Limited volumes within the transition period until 2011

Balancing market

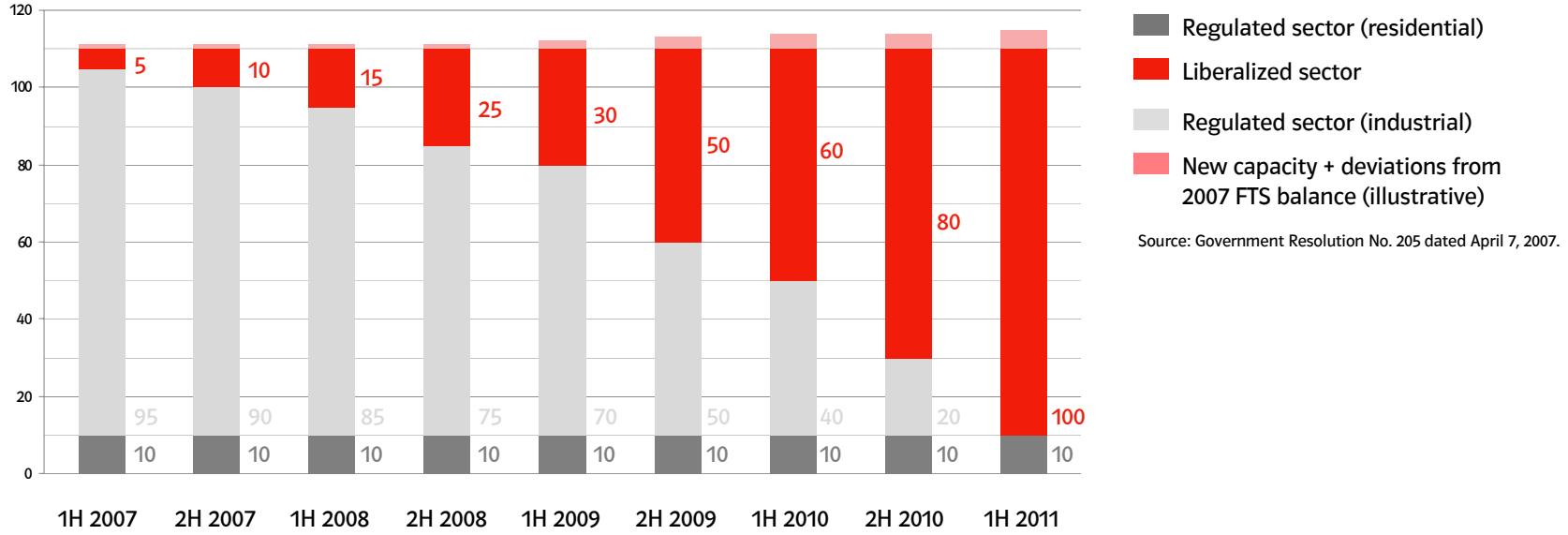
- Fully regulated until July 1, 2008— capacity payments mainly cover generator's fixed costs
- Since July 1, 2008 liberalization according to power market scenario
- Capacity auctions
- Capacity exchange trade with link to power volumes

Capacity market

- Prices are driven by demand/supply
- Designed to eliminate imbalances between demand/supply
- Price-setting and price-taking bids and offers
- System services market is expected to be launched

Power industry reform – Stepwise liberalization

Liberalization scenario of the wholesale electricity market in Russia



Source: Government Resolution No. 205 dated April 7, 2007.

In April 2007, the Russian government adopted stepwise liberalization of the electricity and capacity market.

- Liberalization ratios are applied to the electricity and capacity volumes (liberalization of capacity sales started 2H 2008) included in the Federal Tariff System (FTS) balance for 2007 (excluding volumes sold to the households)
- Capacity and power for households are sold under regulated agreements
- Decree on the long-term capacity market has been signed in Q1 2010
- Heat market will remain fully regulated until special resolution of the government

The liberalized electric power market combines a capacity market and a market for electrical power

Common pricing mechanism

Unified price for electricity

Pricing mechanism:

Market price
=
Costs of most expensive plant still in merit order

Pricing mechanism in Russian electrical power market

Market price is devided into two components

‚Capacity'	‚Electricity'
Coverage of fix costs	**Coverage of variable costs**
Payments in favour of generating companies ensure availability of capacity	Market mechanism ensures that production meets but not exceeds demand

Power market – Two pricing zones (1)

Pricing zones

Key Facts

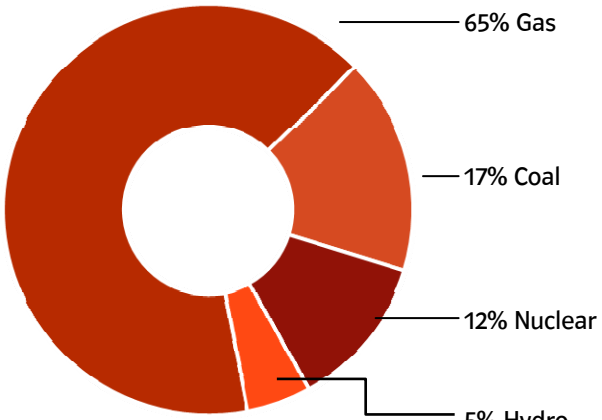
- The Russian power market is subdivided into two pricing zones
- Far East Energy System is isolated from Unified Energy System and fragmented within itself
- Interconnection between zones is very limited
- Pricing zones further segmented into several hundred nodes (nodal model)

Power market – Two pricing zones (2)

Very different fuel mix between the two pricing zones

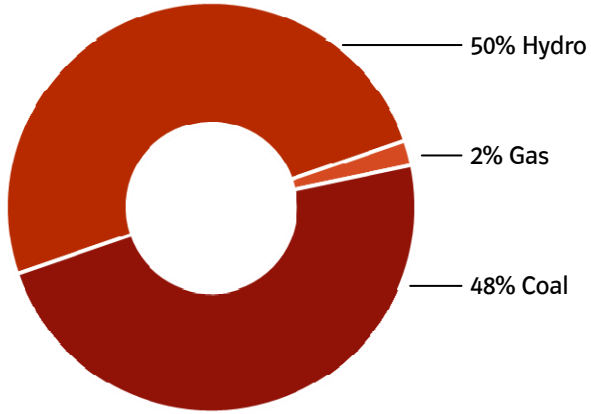
- Strong dependence on seasonality
- Different merit orders
- Different structure of electricity demand and, accordingly, different growth rates of consumption
- Gas prices regulated by the government

First pricing zone (European Russia, Urals)



- Dominant position of gas-fired generation
- Electricity prices rise, depending on the gas price increase set by the government
- Significant share of nuclear generation
- Relatively low reserve margins

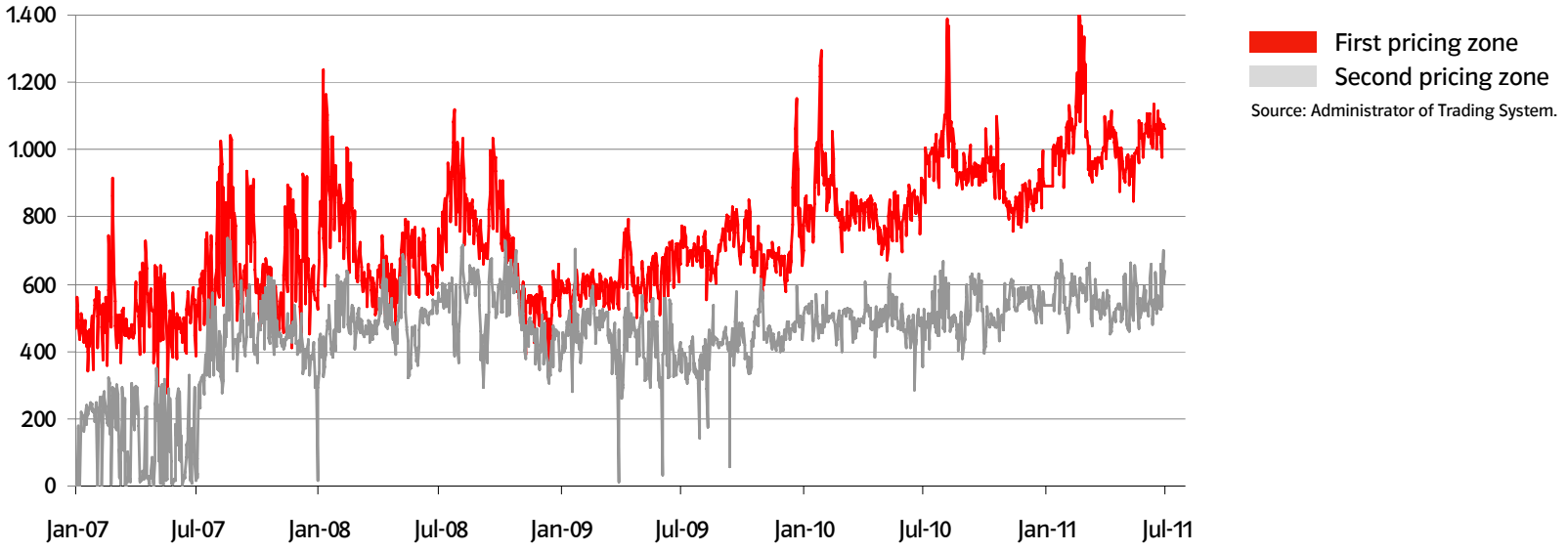
Second pricing zone (Siberia)



- Advantageous exposure to coal as primary fuel source
- Hydro and coal capacities prevail in Siberia
- Cool price independent from world market
- Electricity prices rise with inflation

Spot market – basis of the power wholesale market

Day-ahead market price in the first and second pricing zones (RUB/MWh)



Source: Administrator of Trading System.

- Spot price is highly volatile due to its dependence on:
  - seasonality
  - weather conditions
  - day of the week
  - periods of maintenance
  - water flows and load of hydro generation.
- Absence of a forward market further increases spot price volatility.
- First pricing zone: spot prices are normally set by gas-fired and fuel oil power units.
- Second pricing zone: spot prices are usually set by coal-fired generation.

Spot market – Future basis of the power wholesale market

OGK-4 presence on local electricity markets

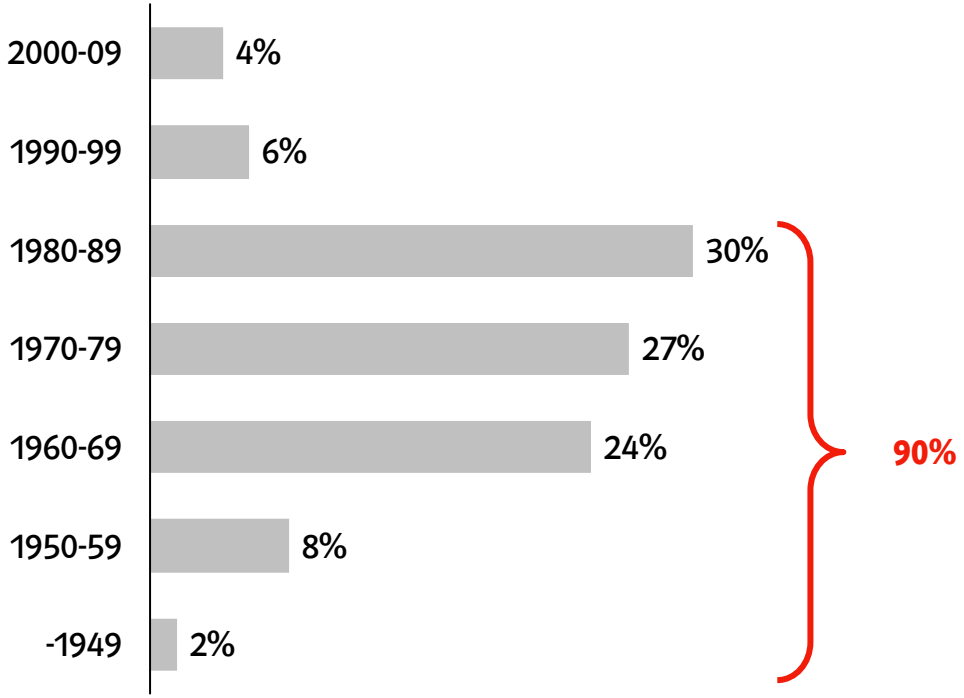
	Total capacity[1,2] MW (gross)	OGK-4 capacity MW (net)	OGK-4 output million kWh
Ural region: Tyumen oblast (first pricing zone)	11,479	4,686	36,623
Siberia region: Krasnoyarsk kray (second pricing zone)	11,258	1,418	9,288
Central region: Moscow oblast (first pricing zone)	14,988	1,410	4,112
Central region: Smolensk oblast (first pricing zone)	4,178	579	1,928
Ural region: Perm kray (first pricing zone)	6,032	568	3,840
Total	**219,000[3]**	**8,661**	**55,791**

[1] Based on 2007.
[2] Total capacity figures refer to installed capacity of the corresponding administrative states of the Russian Federation („oblast"/"kray").
[3] Rounded.

- Amongst leading power producers in Russia
- No.1 among thermal wholesale generating companies in power generation
- One of the leading thermal wholesale generating companies in power sales
- Leading market position in Tyumen region
- Substantial positions in fast-growing regions: Moscow, Perm, and Krasnoyarsk

In addition to the consumption growth the need of replacement of old power plant is driver of business in Russia

Age of Russian power plants



90% of Russian power plants older than twenty years

Generation assets in Russia (1)

Generation assets

Gas-fired power station

Coal-fired power station

Generation assets in Russia (2)

OGK-4 electric power stations[1]

	Capacity (net MW)	OGK-4 share %	Attributable capacity (MW)	Production (TWh)	Start-up date
Gas: Surgutskaya GRES-2	4,686	100.0	4,686	36.6	1985-1988
Coal: Berezovskaya GRES	1,418	100.0	1,418	9.3	1987-1991
Gas/coal/peat/fuel oil: Shaturskaya GRES	1,017	100.0	1,017	3.8	1971-1986
CCGT: Shaturskaya GRES	393	100.0	393	0.3	2010
Gas/coal/peat: Smolenskaya GRES	579	100.0	579	1.9	1978-1985
Gas/coal: Yaivinskaya GRES	568	100.0	568	3.8	1963-1965
Total	**8, 661**		**8,661**	**55.8**	

[1]As of December 31, 2010.

OGK-4 power generation by power plant

	2010	2009	2008	2007	2006
Surgutskaya GRES-2	36,623	35,210	34,408	34,406	32,884
Berezovskaya GRES	9,288	9,425	10,821	8,529	6,921
Shaturskaya GRES	4,112	3,636	5,002	4,911	4,763
Smolenskaya GRES	1,928	1,722	2,212	2,099	2,388
Yaivinskaya GRES	3,840	3,955	4,234	4,296	4,074
Total	**55,791**	**53,948**	**56,676**	**54,241**	**51,030**
Russian market total	**1,025,000[1]**	**972,400[1]**	**1,023,300[1]**	**1,015,893**	**991,424**

[1]Rounded.

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What can we do to help you?

E.ON IR and reporting calendar

Date	Event	Location
November 9, 2011	Interim Report III: January – September 2011	Düsseldorf
March 14, 2012	Annual Report 2011	Düsseldorf
May 4, 2012	AGM 2012	Essen
May 5, 2012	Dividend payment	
May 9, 2012	Interim Report I: January – March 2012	Düsseldorf
August 13, 2012	Interim Report II: January – June 2012	Düsseldorf

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