



H1 2023 installed capacity and power generation data

21 July 2023

Capacity data

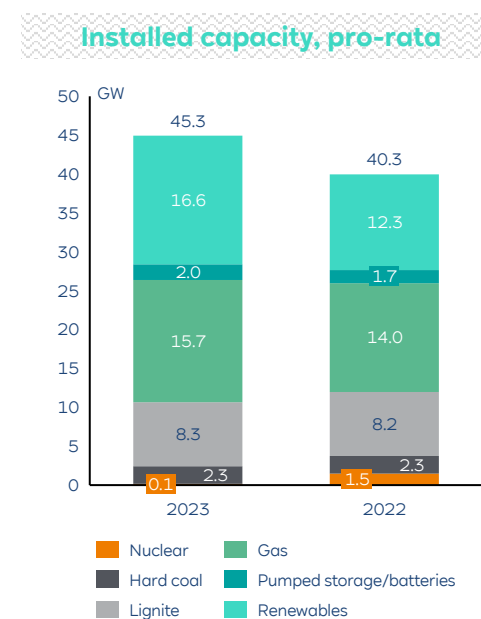
RWE's power generation capacity

Pro-rata

Installed capacity¹, pro-rata view – as of 30 June

	Renewables		Pumped storage/ batteries		Gas		Lignite		Hard coal		Nuclear		Total ²	
MW	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022
Offshore Wind	3,288	2,946	-	-	-	-	-	-	-	-	-	-	3,288	2,946
Onshore Wind/Solar	12,019	8,103	312	138	-	-	-	-	-	-	-	-	12,331	8,241
Hydro/Biomass/Gas	1,249	1,244	1,689	1,564	15,318	13,587	-	-	1,469	1,469	-	-	20,030	18,156
Of which	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Germany	354	354	1,689	1,564	4,130	3,784	-	-	-	-	-	-	6,225	5,741
United Kingdom	133	133	-	-	6,929	6,929	-	-	-	-	-	-	7,315	7,315
Netherlands/Belgium	758	753	-	-	3,709	2,323	-	-	1,469	1,469	-	-	5,936	4,545
Turkey	-	-	-	-	550	551	-	-	-	-	-	-	550	551
Coal/Nuclear	12	12	-	-	400	400	8,250	8,230	791	791	146	1,482	9,626	10,942
RWE Group³	16,569	12,306	2,003	1,705	15,718	13,987	8,250	8,230	2,260	2,260	146	1,482	45,277	40,288

¹ Prior-year figures adjusted. | ² Including capacity volumes not attributable to any of the energy sources mentioned (e.g. capacity from waste-to-energy plants). | ³ Including insignificant capacity at RWE Supply & Trading.



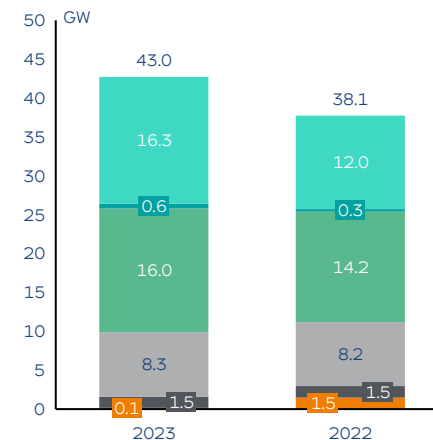
RWE's power generation capacity

Accounting view

Installed capacity¹, accounting view – as of 30 June

	Renewables		Pumped storage/ batteries		Gas		Lignite		Hard coal		Nuclear		Total ²	
MW	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022
Offshore Wind	3,517	3,175	-	-	-	-	-	-	-	-	-	-	3,517	3,175
Onshore Wind/Solar	11,483	7,587	302	128	-	-	-	-	-	-	-	-	11,784	7,715
Hydro/Biomass/Gas	1,268	1,263	296	173	15,555	13,823	-	-	1,469	1,469	-	-	18,893	17,020
Of which	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Germany	377	377	296	173	4,130	3,784	-	-	-	-	-	-	4,855	4,372
United Kingdom	133	133	-	-	6,929	6,929	-	-	-	-	-	-	7,315	7,315
Netherlands/Belgium	758	753	-	-	3,709	2,323	-	-	1,469	1,469	-	-	5,936	4,545
Turkey	-	-	-	-	787	787	-	-	-	-	-	-	787	787
Coal/Nuclear	12	12	-	-	400	400	8,250	8,230	-	-	146	1,482	8,835	10,151
RWE Group³	16,280	12,037	600	303	15,955	14,223	8,250	8,230	1,469	1,469	146	1,482	43,031	38,063

Installed capacity, accounting view



¹ Prior-year figures adjusted. | ² Including capacity volumes not attributable to any of the energy sources mentioned (e.g. capacity from waste-to-energy plants). | ³ Including insignificant capacity at RWE Supply & Trading.

RWE's green capacity

Pro-rata, as of 30 Jun	Wind/ Solar/ Batteries										Flexible Generation										
	Offshore Wind		Onshore Wind		Solar		Batteries		Subtotal		Hydro		Biomass		Gas		Pumped storage		Total		
	MW	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022
Germany	1,198	856	625	565	26	6	147	13	1,996	1,439	353	353	1	1	4,530	4,184	1,555	1,553	8,435	7,531	
United Kingdom	1,914	1,914	738	742	-	-	0	0	2,653	2,656	78	78	55	55	6,929	6,929	-	-	9,715	9,718	
Netherlands	-	-	383	383	26	21	-	-	409	404	11	11	742	742	3,709	2,323	-	-	4,871	3,480	
Poland	-	-	493	426	28	1	-	-	521	427	-	-	-	-	-	-	-	-	521	427	
Spain	-	-	485	443	140	52	-	-	625	494	-	-	-	-	-	-	-	-	625	494	
Italy	-	-	473	456	-	-	-	-	473	456	-	-	-	-	-	-	-	-	473	456	
Sweden	48	48	203	203	-	-	-	-	251	251	-	-	-	-	-	-	-	-	251	251	
Australia	-	-	-	-	249	249	-	-	249	249	-	-	-	-	-	-	-	-	249	249	
USA	-	-	4,833	4,131	3,090	323	232	70	8,154	4,524	-	-	-	-	-	-	-	-	8,154	4,524	
Other countries	128	128	156	69	88	47	69	69	441	312	4	4	-	-	550	551	-	-	995	867	
Total	3,288	2,946	8,390	7,417	3,647	698	447	151	15,772	11,212	446	446	798	798	15,718	13,987	1,555	1,553	34,289	27,997	
Accounting view, as of 30 Jun	Offshore Wind		Onshore Wind		Solar		Batteries		Subtotal		Hydro		Biomass		Gas		Pumped storage		Total		
	MW	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022
	Germany	940	598	723	649	26	6	147	13	1,836	1,265	376	376	1	1	4,530	4,184	162	162	6,905	5,988
	United Kingdom	2,529	2,529	803	803	-	-	0	0	3,333	3,333	78	78	55	55	6,929	6,929	-	-	10,395	10,395
	Netherlands	-	-	383	383	26	21	-	-	409	404	11	11	742	742	3,709	2,323	-	-	4,871	3,480
	Poland	-	-	509	442	28	1	-	-	537	443	-	-	-	-	-	-	-	-	537	443
	Spain	-	-	490	447	133	45	-	-	623	492	-	-	-	-	-	-	-	-	623	492
	Italy	-	-	473	488	-	-	-	-	473	488	-	-	-	-	-	-	-	-	473	488
	Sweden	48	48	116	116	-	-	-	-	164	164	-	-	-	-	-	-	-	-	164	164
	Australia	-	-	-	-	249	249	-	-	249	249	-	-	-	-	-	-	-	-	249	249
	USA	-	-	4,215	3,513	3,087	321	222	60	7,524	3,894	-	-	-	-	-	-	-	-	7,524	3,894
	Other countries	-	-	150	69	88	47	69	69	307	184	-	-	-	-	787	787	-	-	1,094	971
	Total	3,517	3,175	7,862	6,910	3,638	689	438	141	15,455	10,916	465	465	798	798	15,955	14,223	162	162	32,834	26,563

Portfolio changes for green capacity vs. 31 Dec 2022 (1/2)

	Project name	Country	Transaction		Net capacity		RWE's legal consolidation stake		Pro-rata view			Accounting treatment ¹	Support regime	Support expiry
			Type	Date	MW	%	MW	%	MW	%	MW			
Onshore											440			
	REA – capacity update	ES	commissioned	Nov 22	43	100%	43	99%	43	6%	3	1	Merchant	n/a
	Nowy Staw III	PL	commissioned	Feb 23	12	100%	12	100%	12	100%	12	1	PPA	2029
	Les Nouvions (NOUV)	FR	commissioned	Feb 23	44	100%	44	100%	44	100%	44	1	CfD	2044
	Allerey (ALLE)	FR	commissioned	Mar 23	15	100%	15	100%	15	100%	15	1	CfD	2044
	Grevenbroich	GER	commissioned	Mar 23	17	100%	17	100%	17	100%	17	1	FiT	2043
	ConEdison – onshore assets	USA	acquired	Mar 23	341	100%	341	100%	341	100%	341	1	various	various
	San Basilio	IT	disposal	Apr 23	25	0%	0	0%	0	-51%	-13	-	-	-
	Anzi	IT	disposal	Apr 23	16	0%	0	0%	0	-51%	-8	-	-	-
	Ururi	IT	acquired	Apr 23	26	100%	26	100%	26	49%	13	1	FiT	2025
Solar	Sandbostel-Bevern	GER	commissioned	May 23	17	100%	17	100%	17	100%	17	1	FiT	2058
											2,839			
	Eemshaven	NL	acquired	Feb 23	5	100%	5	100%	5	100%	5	1	-	-
	Magnum Solarpark	USA	acquired	Mar 23	2,726	100%	2,726	100%	2,726	100%	2,726	1	various	various
	ConEdison – solar assets	PL	commissioned	Mar 23	11	100%	11	100%	11	100%	11	1	CfD	2037
	PV Pipeline Poland	USA	commissioned	Mar 23	20	100%	20	100%	20	100%	20	1	PPA	2043
	Watlington	GER	commissioned	May 23	12	100%	12	100%	12	100%	12	1	FiT	2043
	Garzweiler	ES	commissioned	May 23	44	100%	44	100%	44	100%	44	1	-	-
	Puerta de Sol	USA	commissioned	Jun 23	20	100%	20	100%	20	100%	20	1	PPA	2043
	Pleasant Hill													

¹ For details on accounting treatment, please see the appendix.

Portfolio changes for green capacity vs. 31 Dec 2022 (2/2)

	Project name	Country	Transaction		Net capacity		RWE's legal consolidation stake		Pro-rata view				Accounting treatment ¹	Support regime	Support expiry
			Type	Date	MW	%	MW	%	MW	%	MW	Change			
Batteries												169			
	Battle Mountain	USA	acquired	Mar 23	25	100%	25	100%	25	100%	25	25	1	PPA	2046
	Garzweiler	GER	commissioned	May 23	7	100%	7	100%	7	100%	7	7	1	FiT	2043
	Fifth Standard (ES)	USA	commissioned	Jun 23	117	100%	117	100%	117	100%	117	117	1	PPA/ITC	2033/2028
	Blackbriar (ES) (part of Fifth Standard)	USA	commissioned	Jun 23	20	100%	20	100%	20	100%	20	20	1	PPA/ITC	2033/2028
Gas												1,686			
	Magnum	NL	acquired	Feb 23	1,386	100%	1,386	100%	1,386	100%	1,386	1,386	1	Merchant	n/a
	Biblis (asset for grid operator)	GER	commissioned	Mar 23	300	100%	300	100%	300	100%	300	300	1	Contract with grid operator	2032

Total commissioned/acquired	5,154 MW
Total decommissioned/disposal	-21 MW
Total net growth	5,133 MW

¹ For details on accounting treatment, please see the appendix.

Power generation data

RWE's power generation¹

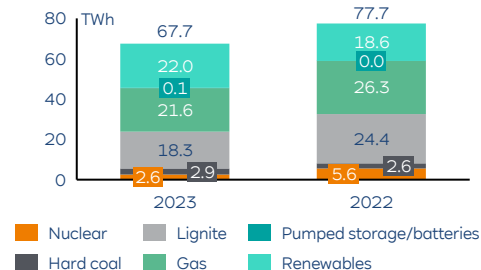
January – June 2023

Accounting view – power generation H1 2023

GWh	Renewables		Pumped storage/batteries		Gas		Lignite		Hard coal		Nuclear		Total ²	
Jan - Jun (H1)	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022
Offshore Wind	5,247	4,837	-	-	-	-	-	-	-	-	-	-	5,247	4,837
Onshore Wind/Solar	13,760	10,588	-	-	-	-	-	-	-	-	-	-	13,760	10,588
Hydro/Biomass/Gas	2,990	3,125	76	8	21,573	26,244	-	-	2,871	2,598	-	-	27,594	32,071
Of which	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Germany	957	841	76	8	2,686	2,858	-	-	-	-	-	-	3,803	3,803
United Kingdom	261	275	-	-	15,540	20,205	-	-	-	-	-	-	15,801	20,480
Netherlands/Belgium	1,772	2,009	-	-	2,461	1,972	-	-	2,871	2,598	-	-	7,104	6,579
Turkey	-	-	-	-	886	1,209	-	-	-	-	-	-	886	1,209
Coal/Nuclear	12	8	-	-	53	72	18,280	24,420	35	-	2,610	5,555	21,077	30,162
RWE Group	22,009	18,558	76	8	21,626	26,316	18,280	24,420	2,906	2,598	2,610	5,555	67,678	77,658

- Offshore Wind: Lower wind resource and higher curtailment in Germany, Triton Knoll and Kaskasi commissioning in 2022
- Onshore Wind / Solar: Commissioning of new generation capacity in the US and Europe; CEB acquisition in the US; lower wind resource in Europe
- Biomass NL: Lower generation volumes of co-fired biomass due to technical and commercial limitations on Amer and Eemshaven
- Gas UK: Market price driven lower generation volumes
- Gas NL: Higher generation volumes mainly due to integration of acquired Magnum power plant as of Feb 2023
- Gas Turkey: Lower generation volumes due to planned outage mid of Feb to mid of April 2023
- Hard Coal NL: Higher generation volumes despite technical and commercial limitations in 2023, because H1 2022 was limited by Urgenda restrictions
- Lignite: Market conditions not as favourable as in exceptional previous year; additionally more maintenance outages and decommissioning of Neurath A in Q2 2022; temporary return to market of "Lignite Reserve" in Q4 2022
- Nuclear: End of operations of Emsland on 15th April 2023

Power generation, accounting view



¹ Prior-year figures adjusted. | ² Including production volumes not attributable to any of the energy sources mentioned (e.g. electricity from waste-to-energy plants).

RWE's power generation¹

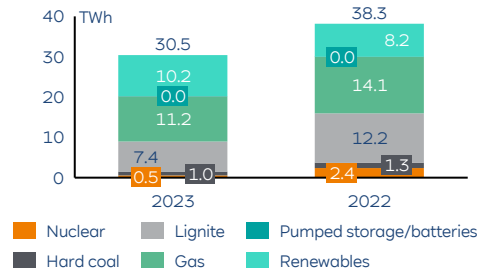
April – June 2023

Accounting view – power generation Q2 2023

GWh	Renewables		Pumped storage/batteries		Gas		Lignite		Hard coal		Nuclear		Total ²	
Apr – Jun (Q2)	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022
Offshore Wind	1,935	1,958	-	-	-	-	-	-	-	-	-	-	1,935	1,958
Onshore Wind/Solar	6,939	4,969	-	-	-	-	-	-	-	-	-	-	6,939	4,969
Hydro/Biomass/Gas	1,294	1,236	44	3	11,156	14,072	-	-	982	1,297	-	-	13,529	16,669
Of which	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Germany	448	355	44	3	1,176	1,392	-	-	-	-	-	-	1,721	1,811
United Kingdom	117	123	-	-	8,302	10,860	-	-	-	-	-	-	8,419	10,983
Netherlands/Belgium	729	759	-	-	1,276	1,373	-	-	982	1,297	-	-	2,987	3,429
Turkey	-	-	-	-	402	447	-	-	-	-	-	-	402	447
Coal/Nuclear	7	3	-	-	12	12	7,441	12,204	18	-	547	2,422	8,079	14,696
RWE Group	10,175	8,166	44	3	11,168	14,084	7,441	12,204	1,000	1,297	547	2,422	30,482	38,292

- Offshore Wind: Lower wind resource and higher curtailment in Germany; Kaskasi commissioning in 2022
- Onshore Wind / Solar: Commissioning of new generation capacity in the US and Europe; CEB acquisition in the US; lower wind resource in Europe
- Biomass NL: Lower generation volumes of co-fired biomass due to technical and commercial limitations on Amer and Eemshaven
- Gas UK: Market price driven lower generation volumes
- Gas NL: Lower generation volumes mainly due to outages at Claus C overcompensating the integration of acquired Magnum power plant
- Gas Turkey: Lower generation volumes due to planned outage mid of Feb to mid of April 2023
- Hard Coal NL: Lower generation volumes, because technical and commercial limitations in 2023 overcompensate limitation of Urgenda restrictions in H1 2022
- Lignite: Market conditions not as favourable as in exceptional previous year; additionally more maintenance outages; temporary return to market of "Lignite Reserve" in Q4 2022
- Nuclear: End of operations of Emsland on 15th April 2023

Power generation, accounting view



¹ Prior-year figures adjusted. | ² Including production volumes not attributable to any of the energy sources mentioned (e.g. electricity from waste-to-energy plants).

RWE's green power generation

January – June 2023, accounting view

GWh	Offshore Wind		Onshore Wind		Solar		Hydro		Biomass		Gas		Total ¹	
Jan – Jun (H1)	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022
Germany	978	945	638	610	9	1	957	841	-	-	2,739	2,930	5,397	5,335
United Kingdom	4,176	3,793	847	1,002	-	-	74	77	187	198	15,540	20,205	20,824	25,275
Netherlands	-	-	478	494	14	12	16	14	1,756	1,995	2,461	1,972	4,725	4,487
Poland	-	-	607	654	14	-	-	-	-	-	-	-	621	654
Spain	-	-	472	468	113	47	-	5	-	-	-	-	585	520
Italy	-	-	519	565	-	-	-	-	-	-	-	-	519	565
Sweden	94	99	140	166	-	-	-	-	-	-	-	-	234	265
Australia	-	-	-	-	225	252	-	-	-	-	-	-	225	252
USA	-	-	6,075	5,816	3,382	398	-	-	-	-	-	-	9,457	6,214
Other countries	-	-	175	65	63	41	-	-	-	-	886	1,209	1,124	1,315
Total	5,248	4,837	9,951	9,840	3,820	751	1,047	937	1,943	2,193	21,626	26,316	43,711	44,882

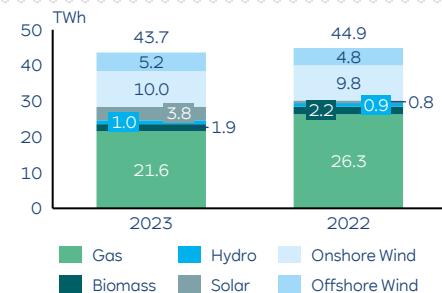
¹ Including minor 'other' technologies (pumped storage and batteries).

Load Factor – Country ¹	Offshore Wind		Onshore Wind		Solar		Total	
Jan – Jun (H1)	2023	2022	2023	2022	2023	2022	2023	2022
Germany	24%	36%	21%	22%	9%		22%	29%
United Kingdom	38%	42%	24%	29%			35%	38%
Netherlands			29%	32%	14%	26%	28%	32%
Poland			27%	30%	11%		27%	30%
Spain			22%	24%	23%	24%	22%	24%
Italy			23%	27%			23%	27%
Sweden	45%	47%	28%	33%			33%	37%
Australia					21%	32%	21%	32%
USA			33%	38%	25%	41%	30%	38%
Other countries			33%	25%	16%	18%	26%	22%
Total	34%	41%	29%	33%	24%	33%	29%	35%

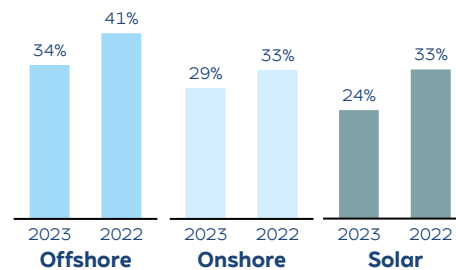
¹ Load factor based on simplified calculation methodology, i.e. settlement generation volume divided by average of quarter end installed generation capacity.

Preliminary data, rounding differences may occur

Power generation, accounting view



Load factor



RWE's green power generation

April – June 2023, accounting view

GWh	Offshore Wind		Onshore Wind		Solar		Hydro		Biomass		Gas		Total ¹	
Apr – Jun (Q2)	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022	2023	2022
Germany	363	314	232	211	6	1	449	355	-	-	1,188	1,404	2,282	2,288
United Kingdom	1,537	1,601	258	375	-	-	14	22	103	101	8,302	10,860	10,214	12,959
Netherlands	-	-	170	196	11	8	5	5	724	754	1,276	1,373	2,186	2,336
Poland	-	-	207	237	13	-	-	-	-	-	-	-	220	237
Spain	-	-	200	210	74	31	-	-	-	-	-	-	274	241
Italy	-	-	203	229	-	-	-	-	-	-	-	-	203	229
Sweden	36	43	47	61	-	-	-	-	-	-	-	-	83	104
Australia	-	-	-	-	73	86	-	-	-	-	-	-	73	86
USA	-	-	2,674	3,036	2,664	233	-	-	-	-	-	-	5,338	3,269
Other countries	-	-	67	29	45	28	-	-	-	-	402	447	514	504
Total	1,936	1,958	4,058	4,584	2,886	387	468	382	827	855	11,168	14,084	21,387	22,253

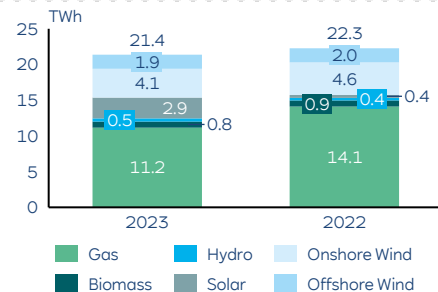
¹ Including minor 'other' technologies (pumped storage and batteries).

Load Factor – Country ¹	Offshore Wind		Onshore Wind		Solar		Total	
Apr – Jun (Q2)	2023	2022	2023	2022	2023	2022	2023	2022
Germany	18%	24%	14%	15%	11%		16%	19%
United Kingdom	28%	29%	15%	17%			25%	26%
Netherlands			20%	16%	19%	17%	20%	16%
Poland			19%	21%	21%		19%	21%
Spain			19%	22%	25%	32%	20%	22%
Italy			19%	21%			19%	21%
Sweden	34%	41%	19%	24%			23%	29%
Australia					13%	33%	13%	33%
USA			29%	40%	40%	33%	33%	39%
Other countries			20%	19%	23%	28%	22%	23%
Total	25%	28%	24%	29%	36%	32%	27%	29%

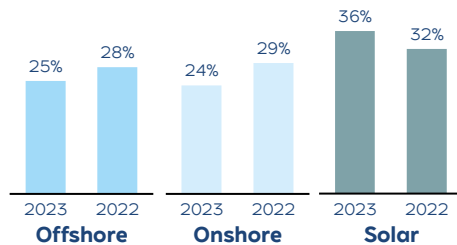
¹ Load factor based on simplified calculation methodology, i.e. settlement generation volume divided by average of quarter end installed generation capacity.

Preliminary data, rounding differences may occur

Power generation, accounting view



Load factor



Accounting treatment¹ of renewable assets

	Model 1	Model 2	Model 3a	Model 3b	Model 4
	Included in the consolidated financial statements		Equity method	Joint operations	Other investments
RWE share of project ²	100%	>50%, <100%	>20%, = <50%	>20%, = <50%	>0% - 20%
Capacity view					
Pro rata MW	100%	Pro rata	Pro rata	Pro rata	Pro rata
Accounting MW	100%	100%	n/a	Pro rata	n/a
Profit and loss statement					
Contribution to EBITDA	100%	100%	0%	Pro rata	0%
Contribution to depreciation	100%	100%	0%	Pro rata	0%
Contribution to EBIT	100%	100%	0%	Pro rata	0%
Contribution to at equity income in EBIT/DA	n/a	n/a	Pro rata	n/a	n/a
Contribution to income other investments in EBIT/DA	n/a	n/a	n/a	n/a	Pro rata
Minorities	n/a	(100% - RWE share)	n/a	n/a	n/a
Cash flow statement					
Consideration in operating cash flow	100%	100%	Pro rata ³	Pro rata	Pro rata ³
Consideration in investing cash flow	100%	100%	Pro rata ⁴	Pro rata	Pro rata ⁴
Consideration in financing cash flow ⁵	n/a	(100% - RWE share)	n/a	n/a	n/a
Balance sheet assets					
Consolidated assets	100%	100%	n/a	Pro rata	n/a
Equity investments	n/a	n/a	Pro rata	n/a	n/a
Other investments	n/a	n/a	n/a	n/a	Pro rata

¹ Accounting treatment refers to list of shareholding tables in RWE's annual report. | ² RWE's share of project corresponds to the voting rights and no adverse provisions in shareholders agreement are agreed, which would influence RWE's ability to control that company. | ³ Dividend | ⁴ Capital and shareholder loan increase/decrease | ⁵ Disregarding any financing structure (e.g. tax equity, project financing etc.).