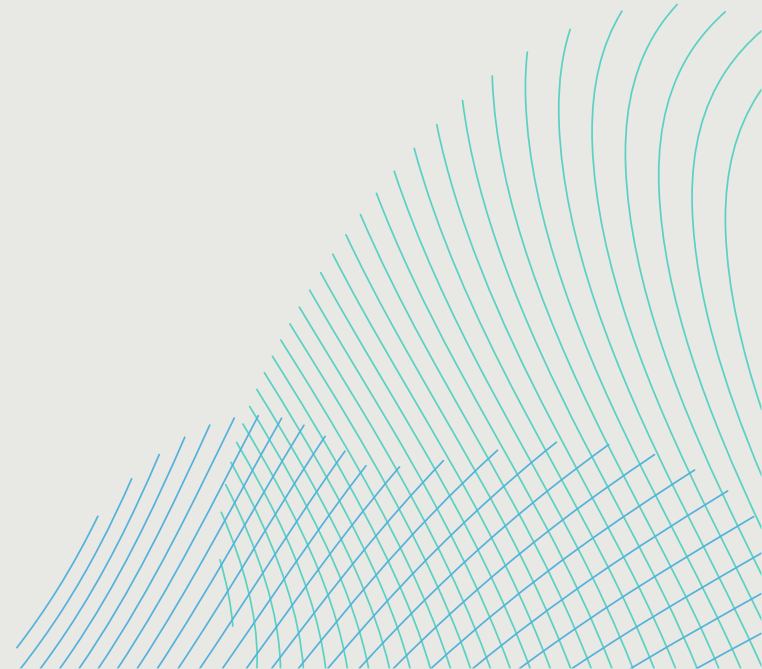




H1 2021 capacity and power generation data

26 Jul 2021

Capacity Data



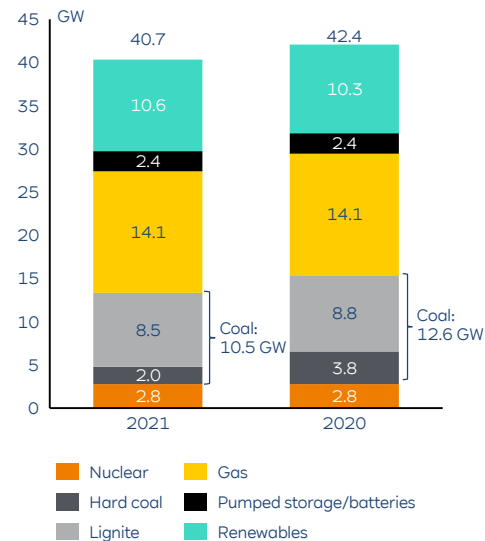
RWE's power generation capacity

Pro-rata

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

MW	Renewables		Pumped storage/ Batteries		Gas		Lignite		Hard coal		Nuclear		Total ²	
	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020
Offshore Wind	2,440	2,463	-	-	-	-	-	-	-	-	-	-	2,440	2,463
Onshore Wind/Solar	6,833	6,416	30	30	-	-	-	-	-	-	-	-	6,863	6,446
Hydro/Biomass/Gas	1,301	1,364	2,332	2,336	13,664	13,699	-	-	1,469	1,446	-	-	19,058	19,137
Of which														
Germany ³	404	411	2,332	2,336	3,806	3,767	-	-	-	-	-	-	6,582	6,553
United Kingdom	139	137	-	-	6,984	7,058	-	-	-	-	-	-	7,376	7,449
Netherlands/Belgium	753	744	-	-	2,323	2,323	-	-	1,469	1,446	-	-	4,545	4,513
Turkey	-	-	-	-	551	551	-	-	-	-	-	-	551	551
Coal/Nuclear ³	12	7	-	-	400	400	8,548	8,807	540	2,341	2,770	2,770	12,297	14,352
RWE Group⁴	10,587	10,250	2,365	2,368	14,064	14,099	8,548	8,807	2,009	3,787	2,770	2,770	40,661	42,400

Installed capacity, pro-rata



¹ Plants that must be shut down are excluded from the capacity overview once they stop generating electricity. This applies to our five lignite units in security standby (1,448 MW) which have therefore not been considered in the figures. | ² Including minor 'other' generation technologies. | ³ Including generation capacity not owned by RWE that we can deploy at our discretion on the basis of long-term use agreements. As of 30 Jun 2021, these assets accounted for a net installed capacity of 2,209 MW (30 Jun 2020: 2,203 MW) in the Hydro/Biomass/Gas segment and 540 MW (30 Jun 2020: 783 MW) in the Coal/Nuclear segment. In Q2 2021, unit 7 of the GKM hard coal plant has been excluded from the list as it has been transferred to the grid reserve (148 MW via a long-term use agreement) as it is in grid reserve. | ⁴ Including minor battery capacity in the Supply & Trading Division. Note: Renewables capacity incl. batteries amounts to 10,617 MW as of 30 Jun 2021

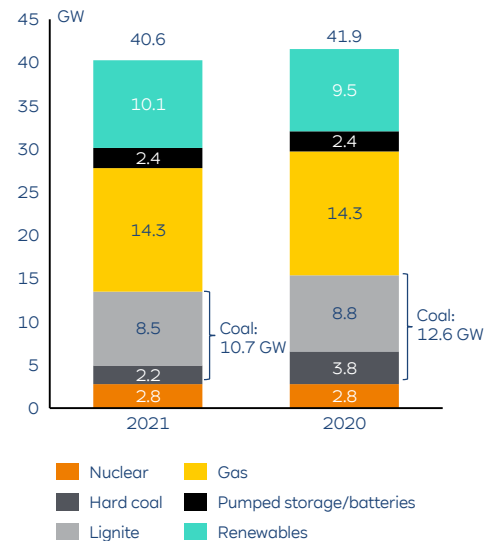
RWE's power generation capacity

Accounting view

Installed capacity¹, accounting view – as of 30 June

MW	Renewables		Pumped storage/ Batteries		Gas		Lignite		Hard coal		Nuclear		Total ²	
	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020
Offshore Wind	2,318	1,918	-	-	-	-	-	-	-	-	-	-	2,318	1,918
Onshore Wind/Solar	6,470	6,194	20	20	-	-	-	-	-	-	-	-	6,490	6,214
Hydro/Biomass/Gas	1,325	1,390	2,332	2,336	13,900	13,935	-	-	1,469	1,446	-	-	19,319	19,400
Of which	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Germany ³	429	436	2,332	2,336	3,806	3,767	-	-	-	-	-	-	6,606	6,578
United Kingdom	139	137	-	-	6,984	7,058	-	-	-	-	-	-	7,376	7,449
Netherlands/Belgium	753	744	-	-	2,323	2,323	-	-	1,469	1,446	-	-	4,545	4,513
Turkey	-	-	-	-	787	787	-	-	-	-	-	-	787	787
Coal/Nuclear ³	12	7	-	-	400	400	8,548	8,807	688	2,341	2,770	2,770	12,444	14,352
RWE Group⁴	10,126	9,510	2,355	2,358	14,300	14,335	8,548	8,807	2,157	3,787	2,770	2,770	40,574	41,886

Installed capacity, accounting view



¹ Plants that must be shut down are excluded from the capacity overview once they stop generating electricity. This applies to our five lignite units in security standby (1,448 MW) which have therefore not been considered in the figures. | ² Including minor 'other' generation technologies. | ³ Including generation capacity not owned by RWE that we can deploy at our discretion on the basis of long-term use agreements. As of 30 Jun 2021, these assets accounted for a net installed capacity of 2,209 MW (30 Jun 2020: 2,203 MW) in the Hydro/Biomass/Gas segment and 540 MW (30 Jun 2020: 793 MW) in the Coal/Nuclear segment. In Q2 2021, unit 7 of the GKM hard coal plant has been excluded from the list as it has been transferred to the grid reserve (148 MW via a long-term use agreement) as it is in grid reserve. | ⁴ Including minor battery capacity in the Supply & Trading Division. Note: Renewables capacity incl. batteries amounts to 10,146 MW as of 30 Jun 2021

RWE's renewables generation capacity

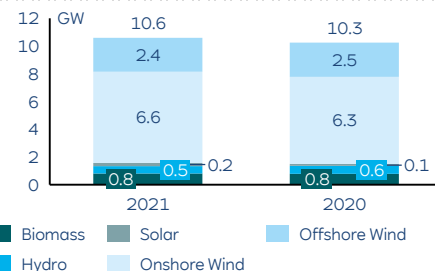
Pro-rata,
as of
30 Jun

MW	Offshore Wind		Onshore Wind		Solar		Hydro		Biomass		Total	
	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020
Germany	856	851	553	582	3	3	404	410	-	1	1,816	1,846
United Kingdom	1,408	1,436	646	657	-	-	84	82	55	55	2,194	2,230
Netherlands	-	-	268	295	5	-	11	11	742	733	1,026	1,039
Poland	-	-	369	369	1	1	-	-	-	-	370	370
Spain	-	-	443	443	52	7	10	10	-	-	504	460
Italy	-	-	456	442	-	-	-	-	-	-	456	442
Sweden	48	48	108	108	-	-	-	-	-	-	156	156
USA	-	-	3,730	3,378	127	127	-	-	-	-	3,857	3,505
Other countries	128	128	13	13	47	-	21	61	-	-	208	203
Renewables RWE Group	2,440	2,463	6,585	6,286	234	137	530	575	797	789	10,587	10,250

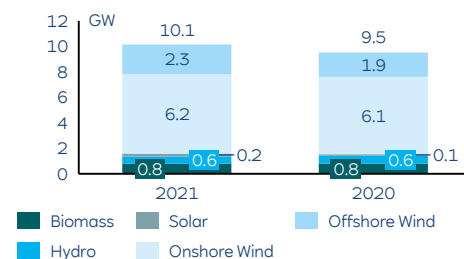
Accounting view,
as of
30 Jun

MW	Offshore Wind		Onshore Wind		Solar		Hydro		Biomass		Total	
	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020
Germany	598	598	636	666	3	3	429	435	-	1	1,666	1,702
United Kingdom	1,672	1,272	707	706	-	-	84	82	55	55	2,519	2,116
Netherlands	-	-	268	295	5	-	11	11	742	733	1,026	1,039
Poland	-	-	385	385	1	1	-	-	-	-	386	386
Spain	-	-	447	447	45	-	12	12	-	-	504	459
Italy	-	-	488	475	-	-	-	-	-	-	488	475
Sweden	48	48	116	116	-	-	-	-	-	-	164	164
USA	-	-	3,172	2,975	125	125	-	-	-	-	3,297	3,100
Other countries	-	-	10	10	47	-	20	61	-	-	77	71
Renewables RWE Group	2,318	1,918	6,229	6,073	225	128	557	601	797	789	10,126	9,510

Installed capacity, pro-rata



Installed capacity, accounting view



Portfolio changes for Wind/Solar versus 31 Dec 2020

	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			
Offshore												80		
	Rampion	UK	acquired	Apr 21	400	100%	400	50%	201	20%	80	2	ROC	2037
Onshore												-231		
	Elisenhof	GER	partly decommissioned	Jan 21	1	100%	1	100%	1	0%	-7	4	FiT	2020
	Lichtenau	GER	disposal	Mar 21	0	0%	0	0%	0	-100%	-11	1	FiT	2020
	Friedrichsgabekoog	GER	disposal	Mar 21	2	100%	2	100%	2	0%	-3	1	FiT	2020
	Krusemark A	GER	decommissioned	Mar 21	0	0%	0	0%	0	-100%	-2	1	FiT	2020
	Krusemark B	GER	partly decommissioned	Mar 21	7	100%	7	100%	7	0%	-4	1	FiT	2021
	Krusemark C	GER	partly decommissioned	Feb 21	7	100%	7	100%	7	0%	-2	1	FiT	2024
	Krusemark D	GER	decommissioned	Mar 21	0	0%	0	0%	0	-100%	-1	1	FiT	2020
	Cranell	US	disposal	Jan 21	220	0%	0	25%	55	-75%	-165	3a	REC/PTC	2030
	Stella	US	disposal	Jan 21	201	0%	0	25%	50	-75%	-151	3a	REC/PTC	2030
	Raymond East	US	disposal	Jan 21	200	0%	0	25%	50	-75%	-150	3a	REC/PTC	2030
	Scioto Ridge	US	commissioned	May 21	250	100%	250	100%	250	100%	250	1	REC/PTC	2031
	Alcamo	IT	commissioned	Apr 21	14	100%	14	100%	14	100%	14	1		
Solar												0		
	Mettmann/ Am Schwarzen Pferd	GER	decommissioned	Mar 21	0	0%	0	0%	0	-100%	0,0	1	FiT	2020
	Paffendorf	GER	decommissioned	Mar 21	0	0%	0	0%	0	-100%	-0,1	1	FiT	2020

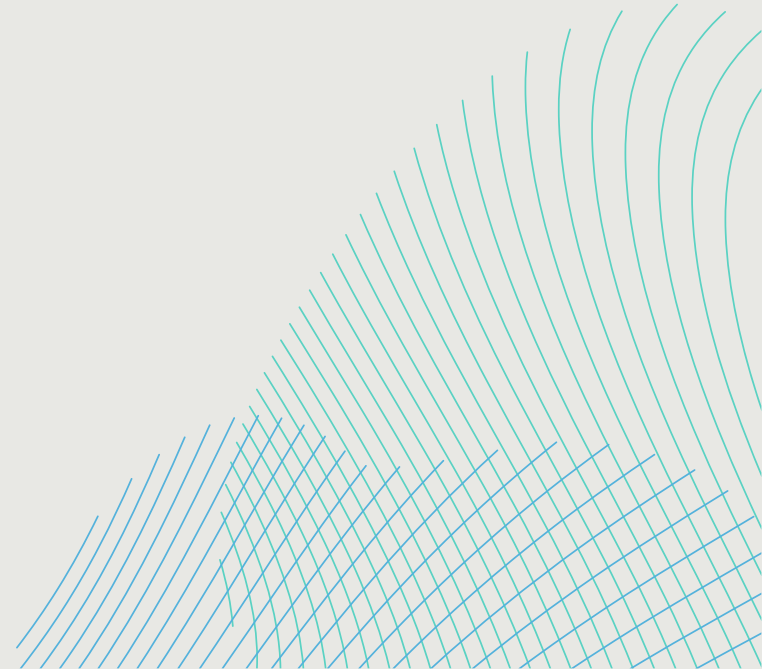
Total commissioned/acquired	343 MW
Total decommissioned/disposal	-495 MW
Total net growth	-151 MW

¹ For details on accounting treatment, please see the appendix

Offshore assets in commissioning phase 2021

	Project name	Country	Transaction status		Number of turbines			When fully commissioned			Support regime	Support expiry
			Type	Quarter	Total	Commissioned		Net capacity	Pro-rata view			
						Total	Quarterly addition		MW	%		
Offshore												
	Triton Knoll	UK	In commissioning	Q1	90	9	9	857	59%	506	CfD	2036
				Q2	90	13	4					

Power Generation Data



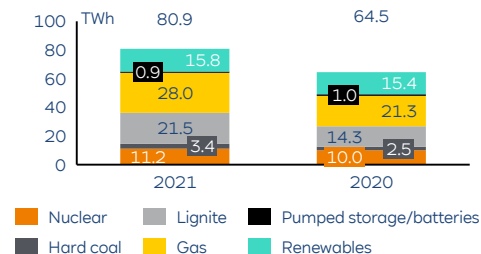
RWE's power generation in H1

January – June

Accounting view – generation H1

GWh	Renewables		Pumped storage/ Batteries		Gas		Lignite		Hard coal		Nuclear		Total ¹	
	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020
Jan - Jun (H1)														
Offshore Wind	3,224	3,706	-	-	-	-	-	-	-	-	-	-	3,224	3,706
Onshore Wind/Solar	8,556	8,922	-	-	-	-	-	-	-	-	-	-	8,556	8,922
Hydro/Biomass/Gas	3,961	2,793	885	1,027	27,955	21,054	-	-	2,679	1,526	-	-	35,547	26,500
Of which														
Germany ²	1,001	1,040	885	1,027	3,521	4,279	-	-	-	-	-	-	5,474	6,446
United Kingdom	297	268	-	-	18,062	9,716	-	-	-	-	-	-	18,359	9,984
Netherlands/Belgium	2,627	1,485	-	-	4,559	5,364	-	-	2,679	1,526	-	-	9,865	8,375
Turkey	-	-	-	-	1,813	1,695	-	-	-	-	-	-	1,813	1,695
Coal/Nuclear ³	10	10	-	-	93	255	21,468	14,331	747	997	11,202	9,976	33,571	25,376
RWE Group	15,751	15,431	885	1,027	28,048	21,309	21,468	14,331	3,426	2,503	11,202	9,976	80,898	64,504

Power generation, accounting view



- Offshore Wind: Lower wind resource. Consolidation effect of Rampion.
- Onshore Wind / Solar: Commissioning of new generation capacity; lower wind yield in Europe and lower availability in the US due to Texas Icing event in February. Deconsolidation of three US-Texas windfarms after farm-down.
- Renewables NL: Increase of biomass co-firing at Amer and Eemshaven (1,693 GWh biomass co-firing at Amer and 924 GWh at Eemshaven)
- Gas Germany: Market price driven lower generation volumes in Q2 2021 more than offset higher generation volumes from Q1 2021
- Gas UK: Higher volumes in H1 2021 due to less demand for conventional power generation in H1 2020 as a result of windy weather as well as Covid-19 related impact
- Gas NL: Mainly lower availability at Moerdijk II
- Hard coal Germany: Ibbenbüren (794 MW) and Westfalen (765 MW) successful in hard coal phase-out auction; taken off from wholesale market end of Dec 2020
- Hard coal NL: Higher production mainly market price driven; increase of biomass co-firing at Amer and Eemshaven (see above)
- Lignite: Mainly market driven higher generation volumes; decommissioning of Niederaußem D in Q4 2020 due to coal exit
- Nuclear: Mainly less maintenance outages than in H1 2020

¹ Including capacity not attributable to any of the energy sources mentioned. | ² Including electricity from generation assets not owned by RWE that we can deploy at our discretion on the basis of long-term use agreements. These purchases amounted 954 GWh (Q2 2020: 1,080 GWh) in the Hydro/Biomass/Gas segment. | ³ In H1 2021, 603 GWh stem from hard coal plants not owned by RWE that we can deploy at our discretion on the basis of long-term use agreements (Q2 2020: 523 GWh).

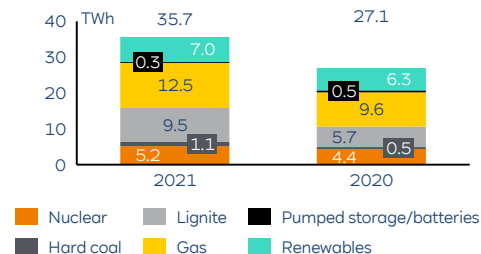
RWE's power generation in Q2

April – June

Accounting view – generation Q2

GWh	Renewables		Pumped storage/ Batteries		Gas		Lignite		Hard coal		Nuclear		Total ¹	
	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020
Apr – Jun (Q2)														
Offshore Wind	1,398	1,242	-	-	-	-	-	-	-	-	-	-	1,398	1,242
Onshore Wind/Solar	3,872	3,823	-	-	-	-	-	-	-	-	-	-	3,872	3,823
Hydro/Biomass/Gas	1,698	1,216	325	480	12,515	9,483	-	-	875	278	-	-	15,462	11,513
Of which	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Germany ²	441	444	325	480	1,413	2,424	-	-	-	-	-	-	2,228	3,404
United Kingdom	126	82	-	-	8,738	3,592	-	-	-	-	-	-	8,864	3,674
Netherlands/Belgium	1,119	690	-	-	1,960	2,778	-	-	875	278	-	-	3,954	3,746
Turkey	-	-	-	-	404	689	-	-	-	-	-	-	404	689
Coal/Nuclear ³	5	6	-	-	19	139	9,481	5,718	248	203	5,227	4,410	14,975	10,478
RWE Group	6,973	6,287	325	480	12,534	9,622	9,481	5,718	1,123	481	5,227	4,410	35,707	27,056

Power generation, accounting view



- Offshore Wind: Lower wind resource. Consolidation effect of Rampion
- Onshore Wind / Solar: Mainly commissioning of new generation capacity. Deconsolidation of US windpark Stella (one of the three US-Texas windfarm which was farmed-down)
- Renewables NL: Increase of biomass co-firing at Amer and Eemshaven (700 GWh biomass co-firing at Amer and 364 GWh at Eemshaven)
- Gas Germany: Market price driven lower generation volumes
- Gas UK: Higher volumes in Q2 2021 due to less demand for conventional power generation in Q2 2020 as a result of windy weather as well as Covid-19 related impact
- Gas NL: Mainly lower availability at Moerdijk II
- Hard coal Germany: Ibbenbüren (794 MW) and Westfalen (765 MW) successful in hard coal phase-out auction; taken off from wholesale market end of Dec 2020
- Hard coal NL: Higher production mainly market price driven; increase of biomass co-firing at Amer and Eemshaven (see above)
- Lignite: Mainly market driven higher generation volumes; decommissioning of Niederaußem D in Q4 2020 due to coal exit
- Nuclear: Mainly less maintenance outages than in Q2 2020

¹ Including capacity not attributable to any of the energy sources mentioned. | ² Including electricity from generation assets not owned by RWE that we can deploy at our discretion on the basis of long-term use agreements. These purchases amounted 371 GWh (Q2 2020: 508 GWh) in the Hydro/Biomass/Gas segment. | ³ In Q2 2021, 117 GWh stem from hard coal plants not owned by RWE that we can deploy at our discretion on the basis of long-term use agreements (Q2 2020: 141 GWh).

RWE's renewables power generation in H1

January – June

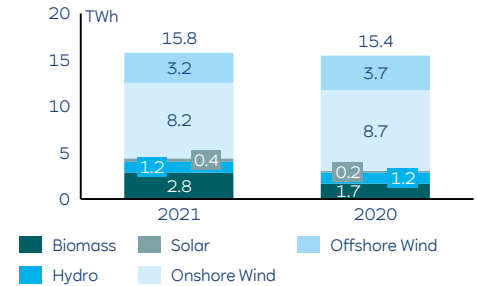
Accounting view

GWh	Offshore Wind		Onshore Wind		Solar		Hydro		Biomass		Total	
	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020
Jan – Jun (H1)												
Germany	903	1,099	483	681	1	1	1,001	977		3	2,388	2,761
United Kingdom	2,228	2,472	860	1,130	-	-	96	97	201	171	3,385	3,870
Netherlands	-	-	372	432	7	4	11	8	2,616	1,477	3,006	1,921
Poland	-	-	485	561	1	1	-	-	-	-	486	562
Spain	-	-	508	410	47	-	19	23	-	-	574	433
Italy	-	-	506	493	-	-	-	-	-	-	506	493
Sweden	93	135	146	192	-	-	-	-	-	-	239	327
Australia	-	-	-	-	96	17	-	-	-	-	96	17
USA	-	-	4,786	4,792	160	140	-	-	-	-	4,946	4,932
Other countries	-	-	12	15	44	1	69	99	-	-	125	115
Renewables RWE Group	3,224	3,706	8,158	8,706	356	164	1,196	1,204	2,817	1,651	15,751	15,431

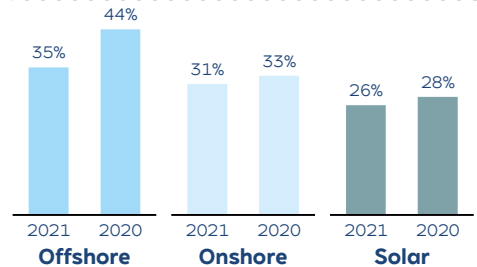
Load Factor ¹	Offshore Wind		Onshore Wind		Solar		Total	
	2021	2020	2021	2020	2021	2020	2021	2020
Jan – Jun (H1)								
Germany	35%	42%	17%	23%			26%	32%
United Kingdom	35%	44%	28%	37%			33%	42%
Netherlands			32%	33%			33%	33%
Poland			29%	33%			29%	33%
Spain			26%	21%	24%	n.a.	26%	21%
Italy			24%	24%			24%	24%
Sweden	45%	64%	29%	38%			33%	46%
USA			36%	37%	29%	26%	36%	36%
Other countries			28%	34%	22%	n.a.	23%	37%
Renewables RWE Group	35%	44%	31%	33%	26%	28%	32%	36%

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

Power generation, accounting view



Load factor



RWE's renewables power generation in Q2

April – June

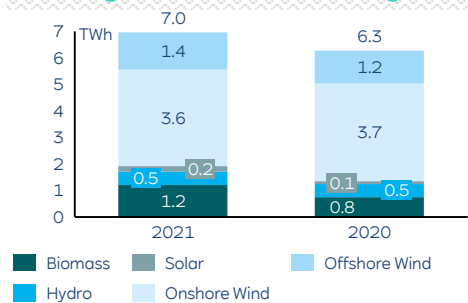
Accounting view

GWh	Offshore Wind		Onshore Wind		Solar		Hydro		Biomass		Total	
	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020
Apr – Jun (Q2)												
Germany	371	373	191	194	1	1	441	408	-	2	1,004	978
United Kingdom	984	801	290	330	-	-	27	19	98	63	1,399	1,213
Netherlands	-	-	131	120	-	4	8	4	1,111	686	1,250	814
Poland	-	-	225	209	1	-	-	-	-	-	226	209
Spain	-	-	179	173	29	-	11	10	-	-	219	183
Italy	-	-	206	219	-	-	-	-	-	-	206	219
Sweden	43	67	70	83	-	-	-	-	-	-	113	150
Australia	-	-	-	-	49	10	-	-	-	-	49	10
USA	-	-	2,340	2,359	94	89	-	-	-	-	2,434	2,448
Other countries	-	-	4	1	33	1	20	50	-	-	57	52
Renewables RWE Group	1,398	1,241	3,636	3,688	207	105	507	491	1,209	751	6,957	6,276

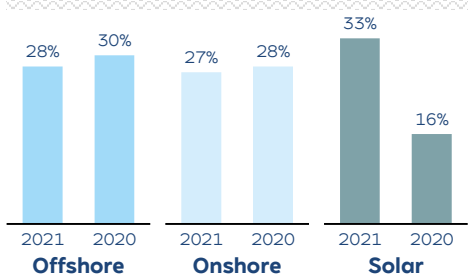
Load Factor ¹	Offshore Wind		Onshore Wind		Solar		Total	
	2021	2020	2021	2020	2021	2020	2021	2020
Apr – Jun (Q2)								
Germany	28%	29%	14%	13%	n.a.	n.a.	21%	21%
United Kingdom	27%	29%	19%	21%			25%	26%
Netherlands			23%	19%			23%	19%
Poland			27%	25%	n.a.	n.a.	27%	25%
Spain			18%	18%	30%	n.a.	19%	18%
Italy			19%	21%			19%	21%
Sweden	41%	64%	28%	33%			31%	42%
USA			34%	36%	34%	16%	34%	36%
Other countries			18%	n.a.	32%	n.a.	30%	n.a.
Renewables RWE Group	28%	30%	27%	28%	33%	16%	27%	28%

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

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 ⁵
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.).