H1 2019
Pre-release of power generation data

24 July 2019

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RWE

RWE's electricity generation January - June (H1)

PREVIEW

Billion kWh	Lignite 2019	Lignite 2018	Hard coal 2019	Hard coal 2018	Gas 2019	Gas 2018	Nuclear 2019	Nuclear 2018	Renewables 2019	Renewables 2018	Pumped storage, other 2019	Pumped storage, other 2018	Total 2019	Total 2018
Lignite & Nuclear	**24.7**	**34.6**	**-**	**-**	**-**	**-**	**9.2**	**9.9**	**-**	**-**	**0.1**	**-**	**34.0**	**44.5**
of which														
Germany	24.7	33.4	-	-	-	-	8.7	9.4	-	-	0.1	-	33.5	42.8
Netherlands	-	-	-	-	-	-	0.5	0.5	-	-	-	-	0.5	0.5
Hungary	-	1.2	-	-	-	-	-	-	-	-	-	-	-	1.2
European Power	**-**	**-**	**8.2**	**13.5**	**24.7**	**23.2**	**-**	**-**	**0.9**	**0.6**	**0.9**	**1.3**	**34.7**	**38.6**
of which														
Germany[1]	-	-	2.5	6.0	3.0	2.0	-	-	0.1	0.4	0.9	1.3	6.5	9.7
United Kingdom	-	-	0.4	0.4	18.0	17.2	-	-	0.2	0.2	-	-	18.6	17.8
Netherlands/Belgium	-	-	5.3	7.1	2.9	2.8	-	-	0.6	-	-	-	8.8	9.9
Turkey	-	-	-	-	0.8	1.2	-	-	-	-	-	-	0.8	1.2
innogy-continuing operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**5.0**	**4.8**	**-**	**-**	**5.0**	**4.8**
RWE Group	**24.7**	**34.6**	**8.2**	**13.5**	**24.7**	**23.2**	**9.2**	**9.9**	**5.9**	**5.4**	**1.0**	**1.3**	**73.7**	**87.9**

[1] Including electricity from power plants not owned by RWE that we can deploy at our discretion on the basis of long-term agreements. In H1 2019, this amounted to 1.8 billion kWh (H1 2018: 3.0 billion kWh) of which 0.9 billion kWh from hard coal (H1 2018: 1.4 billion kWh).

> Lignite: mainly lignite reserve (Niederaußem E (295 MW) and F (299 MW) since Q4 2018), restrictions from Hambach mine, market price driven lower generation volumes and maintenance outages; disposal of Hungarian lignite power generator Mátra closed in Q1 2018

> Hard coal Germany: mainly market price driven lower generation volumes; disposal of Bergkamen (contractually secured capacity; 720 MW) as of 1 January 2019; decommissioning of Gersteinwerk K2 (614 MW) as of 29 March 2019

> Hard coal Netherlands: lower production due to outages at Eemshaven; conversion of Amer hard coal plant to biomass co-firing (see below)

> Gas: mainly margin related higher utilisation of gas plants; NL: disposal of Inesco (130 MW, Q1 2019)

> Nuclear Germany: lower volumes due to longer maintenance outages

> Renewables European Power Germany: TIWAG contract (160 MW) terminated as of 30 September 2018

> Renewables European Power Netherlands: conversion of Amer hard coal plant to biomass co-firing (H1 2019: 28% biomass co-firing)

> Pumped storage Germany: lower volumes mainly due to maintenance outage at Vianden plant

RWE's electricity generation April - June (Q2)

PREVIEW

	Lignite		Hard coal		Gas		Nuclear		Renewables		Pumped storage, other		Total	
Billion kWh	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018	2019	2018
Lignite & Nuclear	**11.2**	**15.6**	**-**	**-**	**-**	**-**	**3.3**	**4.0**	**-**	**-**	**0.1**	**-**	**14.6**	**19.6**
of which														
Germany	11.2	15.6	-	-	-	-	3.1	3.8	-	-	0.1	-	14.4	19.4
Netherlands	-	-	-	-	-	-	0.2	0.2	-	-	-	-	0.2	0.2
Hungary	-	-	-	-	-	-	-	-	-	-	-	-	-	-
European Power	**-**	**-**	**2.8**	**5.3**	**12.1**	**10.9**	**-**	**-**	**0.5**	**0.4**	**0.3**	**0.6**	**15.7**	**17.2**
of which														
Germany[1]	-	-	0.5	2.4	1.3	0.6	-	-	-	0.2	0.3	0.6	2.1	3.8
United Kingdom	-	-	-	-	8.8	8.3	-	-	0.1	0.2	-	-	8.9	8.5
Netherlands/Belgium	-	-	2.3	2.9	1.4	1.5	-	-	0.4	-	-	-	4.1	4.4
Turkey	-	-	-	-	0.6	0.5	-	-	-	-	-	-	0.6	0.5
innogy-continuing operations	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**2.0**	**1.9**	**-**	**-**	**2.0**	**1.9**
RWE Group	**11.2**	**15.6**	**2.8**	**5.3**	**12.1**	**10.9**	**3.3**	**4.0**	**2.5**	**2.3**	**0.4**	**0.6**	**32.3**	**38.7**

[1] Including electricity from power plants not owned by RWE that we can deploy at our discretion on the basis of long-term agreements. In Q2 2019, this amounted to 0.7 billion kWh (Q2 2018: 1.4 billion kWh) of which 0.3 billion kWh from hard coal (Q2 2018: 0.6 billion kWh).

> Lignite: mainly lignite reserve (Niederaußem E (295 MW) and F (299 MW) since Q4 2018), restrictions from Hambach mine, market price driven lower generation volumes and maintenance outages

> Hard coal Germany: mainly market price driven lower generation volumes; disposal of Bergkamen (contractually secured capacity; 720 MW) as of 1 January 2019; decommissioning of Gersteinwerk K2 (614 MW) as of 29 March 2019

> Hard coal Netherlands: lower production due to outages at Eemshaven; conversion of Amer hard coal plant to biomass co-firing (see below)

> Gas: mainly margin related higher utilisation of gas plants; NL: disposal of Inesco (130 MW, Q1 2019)

> Nuclear Germany: lower volumes due to longer maintenance outages

> Renewables European Power Germany: TIWAG contract (160 MW) terminated as of 30 September 2018

> Renewables European Power Netherlands: conversion of Amer hard coal plant to biomass co-firing (Q2 2019: 31% biomass co-firing)

> Pumped storage Germany: lower volumes mainly due to maintenance outage at Vianden plant