H1 2019
Pre-release of power generation data

24 July 2019

Powering. Reliable. Future.

RWE

RWE's electricity generation January - June (H1)

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	**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