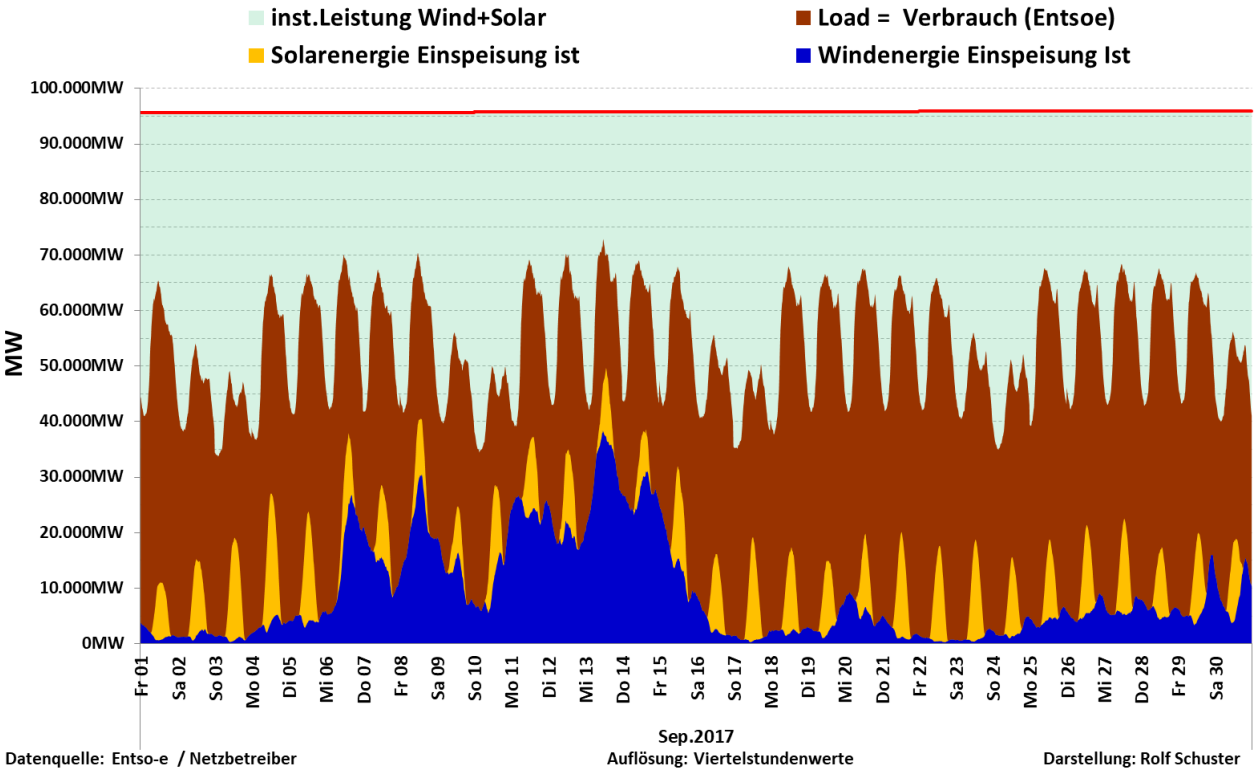
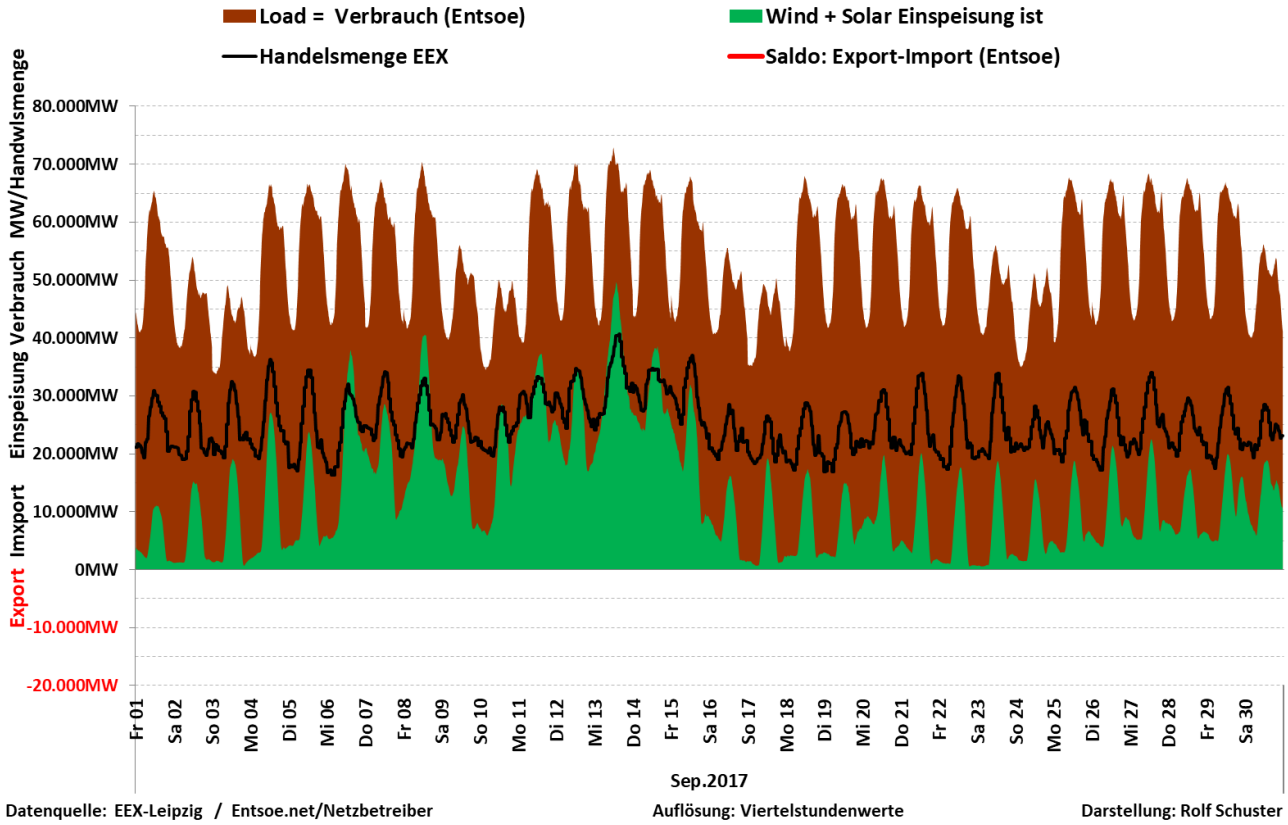
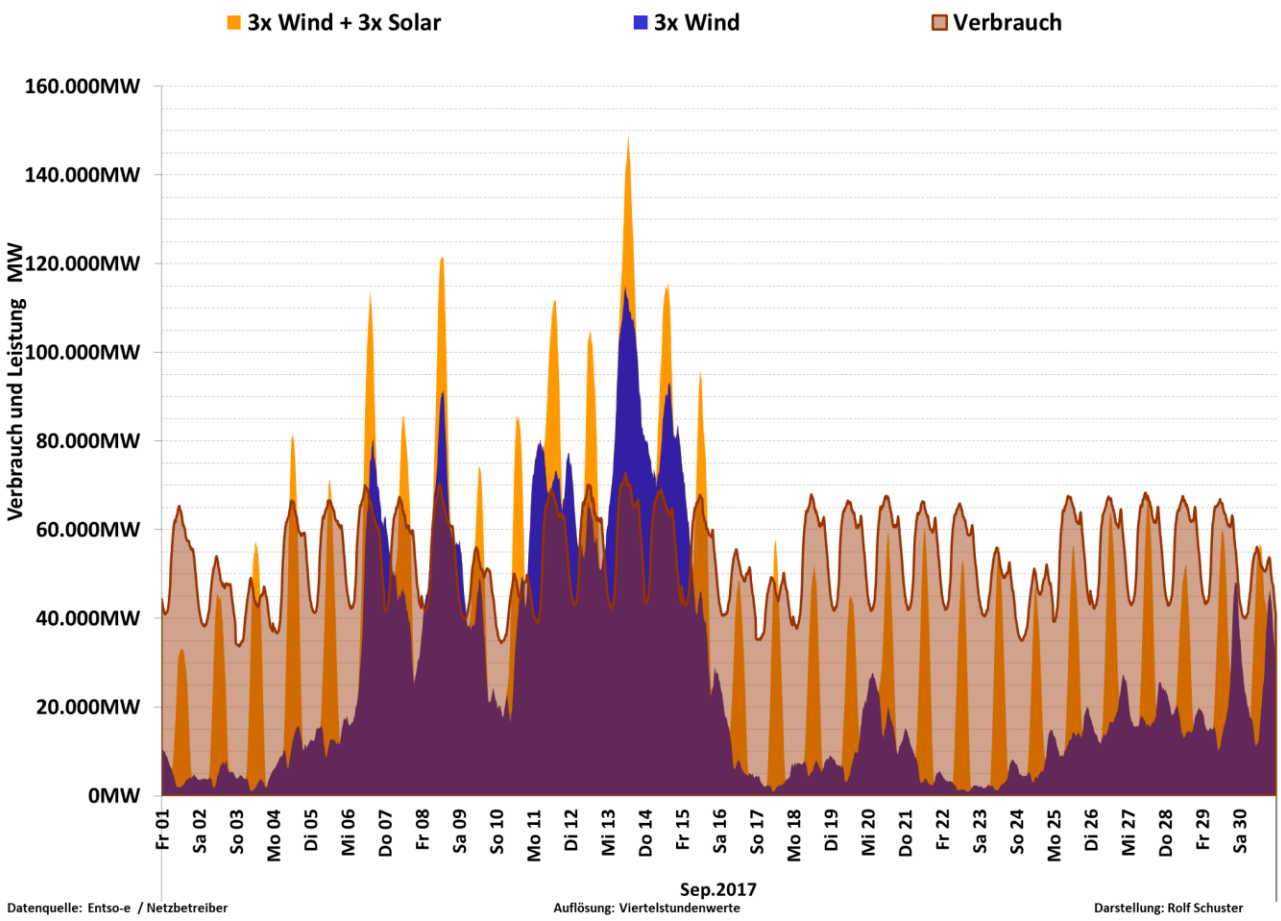
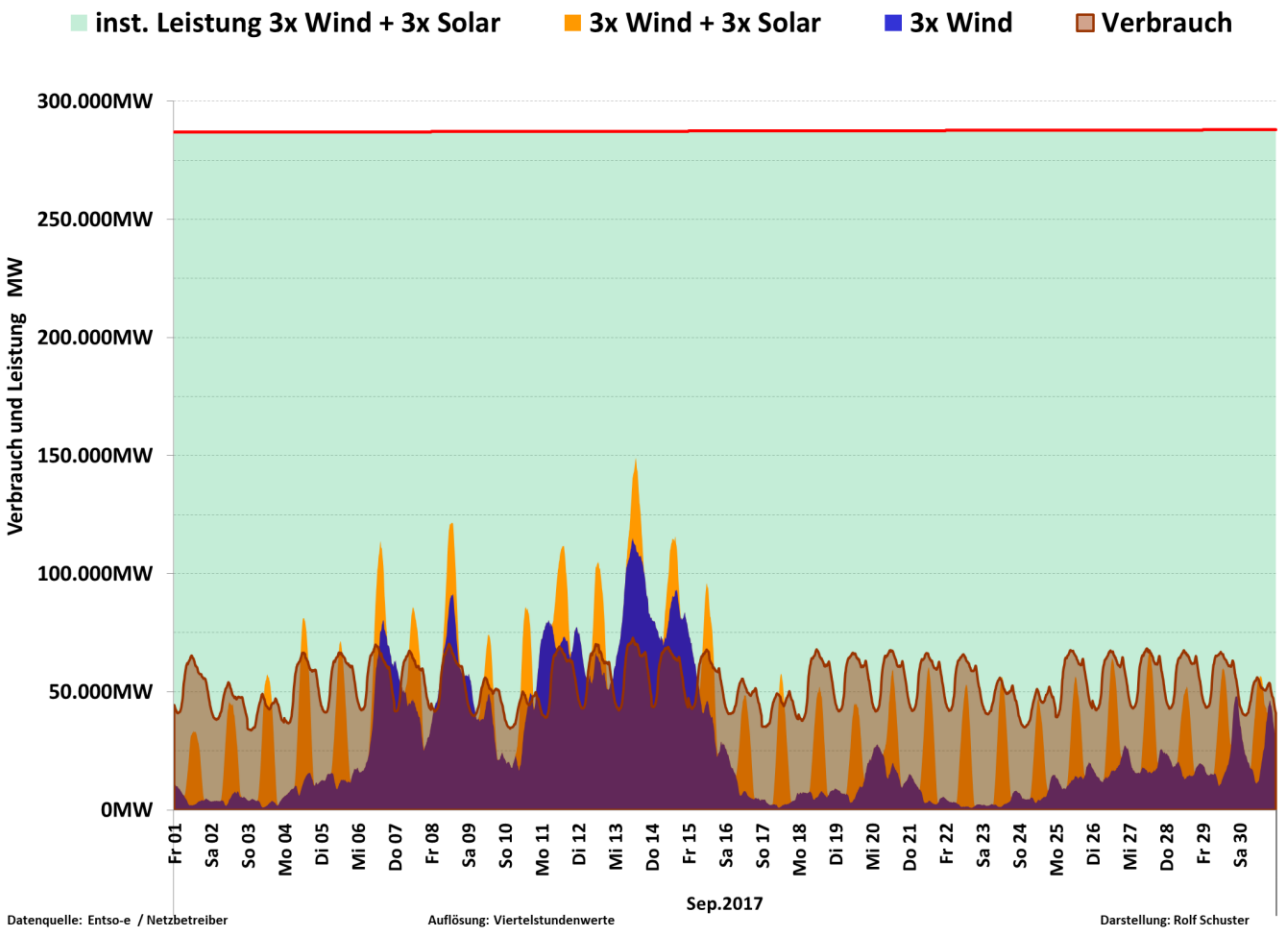


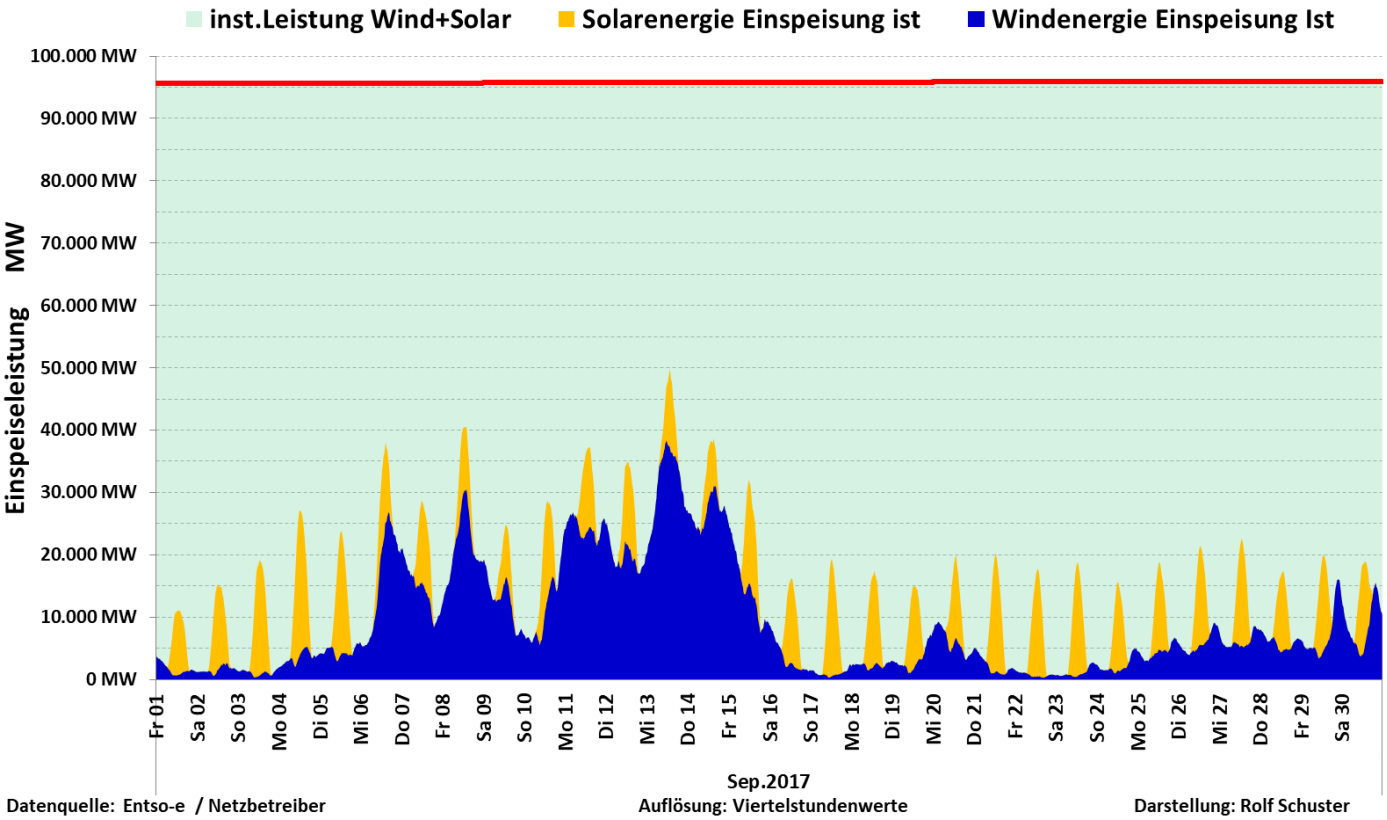
Sep 2017	Load D	Wind	Solar	Wind + Solar	Proz. der Nennleist.
inst. Nennleistung		53.374MW	42.591MW	95.965MW	
Max	72.903MW	38.365MW	23.327MW	49.697MW	51,79%
Mittelwert	53.534MW	8.862MW	4.277MW	13.139MW	13,69%
Min	33.683MW	296MW	0MW	559MW	0,58%
Summe Monat	38.544GWh	6.380GWh	3.080GWh	9.460GWh	24,54%



Darstellung bei einer Verdreifachung der Nennleistung von Wind und Solar

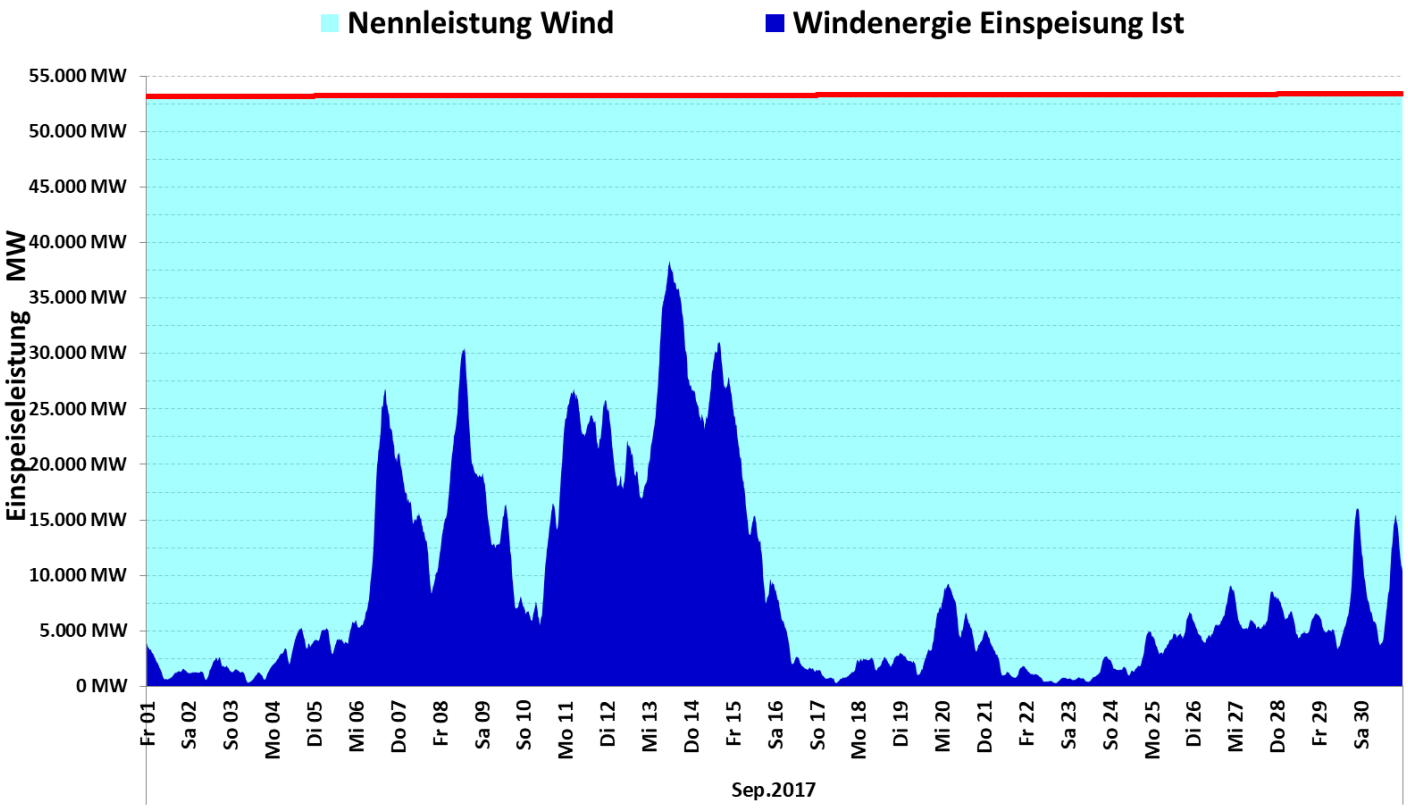






Sep 2017	Wind	Solar	Wind + Solar	Proz. der Nennleist.
inst. Nennleistung	53.374MW	42.591MW	95.965MW	100,0%
max. Einspeiseleistung	38.365MW	23.327MW	49.697MW	51,8%
Mittelwert	8.862MW	4.277MW	13.139MW	13,7%
min. Einspeiseleistung	296MW	0MW	559MW	0,58%
Summe	6.380GWh	3.080GWh	9.460MW	

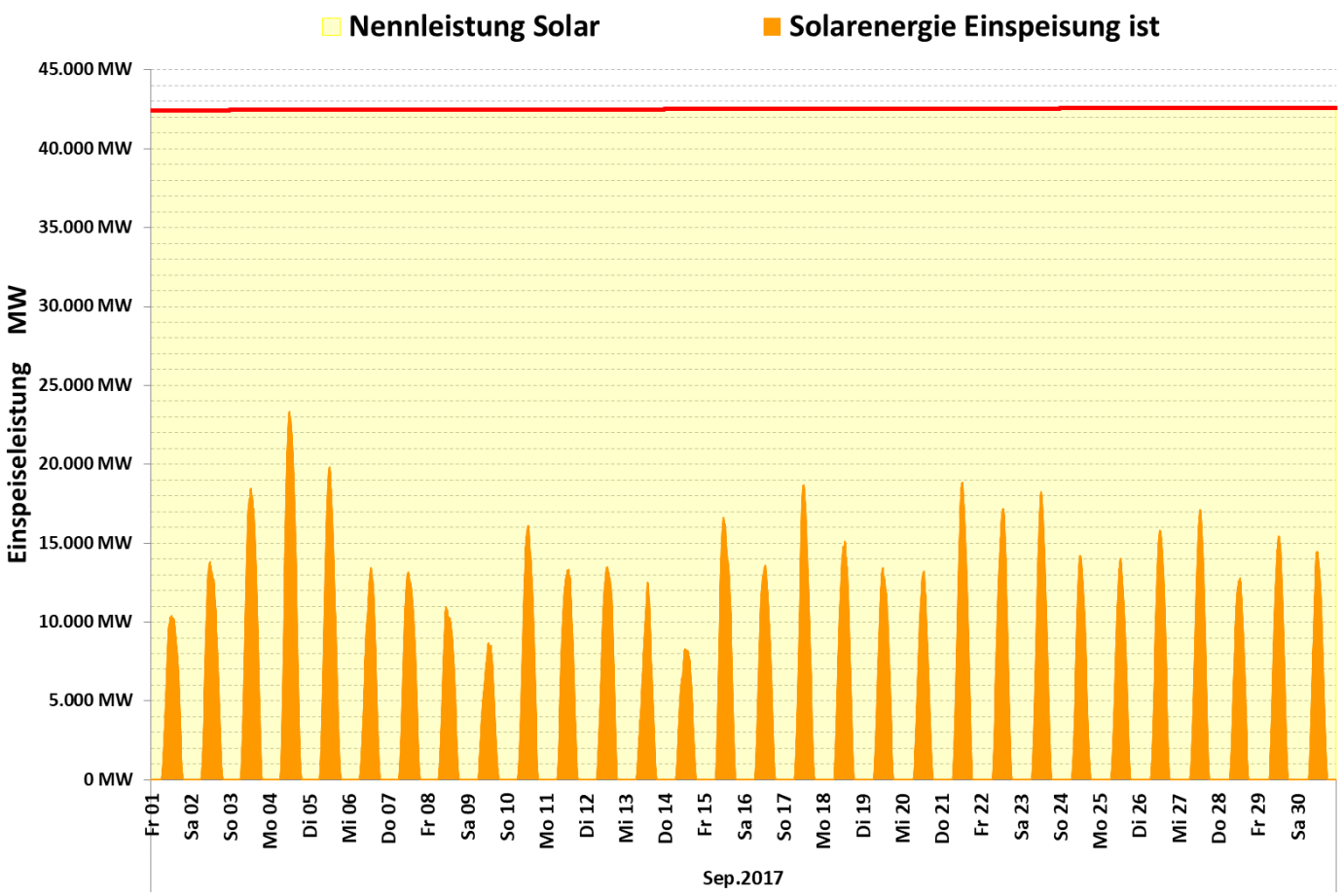
Summe der erzeugten Energie		9.460GWh
Verteilung der Einspeisung nach Klassen		
0% bis 10% NL	343,25 h	47,7%
11% bis 20% NL	196,50 h	27,3%
21% bis 30% NL	122,25 h	17,0%
31% bis 40% NL	44,50 h	6,2%
größer 40%	13,50 h	1,9%
Summe	720,00 h	100,0%



Datenquelle: Entso-e / Netzbetreiber Auflösung: Viertelstundenwerte Darstellung: Rolf Schuster

Sep 2017	Kennzahlen Wind	Proz. der Nennleist.
inst. Nennleistung	53.374MW	100,0%
max. Einspeiseleistung	38.365MW	71,9%
Mittelwert	8.862MW	16,6%
min. Einspeiseleistung	296MW	0,555%
Summe	6.380,4GWh	

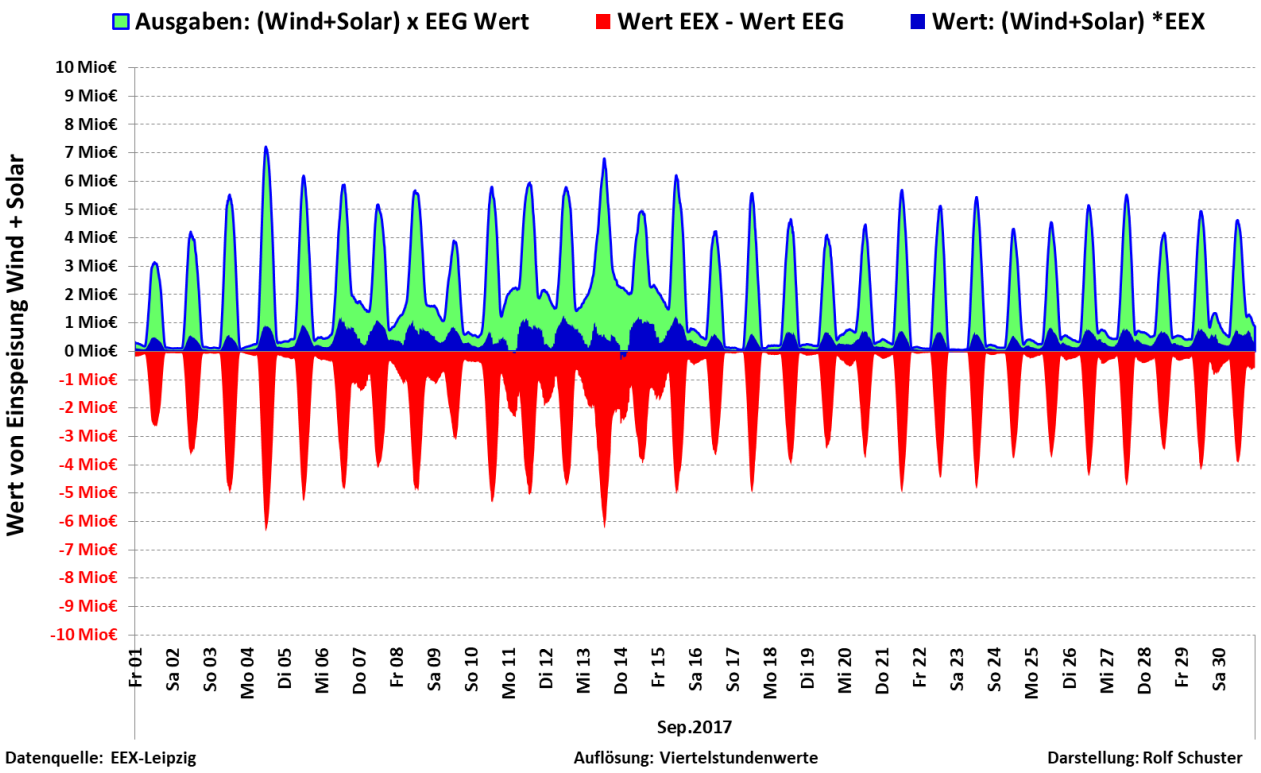
Summe der erzeugten Energie		6.380GWh
Verteilung der Einspeisung nach Klassen		
0% bis 10% NL	373,25 h	51,8%
11% bis 30% NL	193,00 h	26,8%
31% bis 50% NL	115,25 h	16,0%
51% bis 70% NL	35,50 h	4,9%
größer 70%	3,00 h	0,42%
Summe Stunden	720,00 h	100,0%



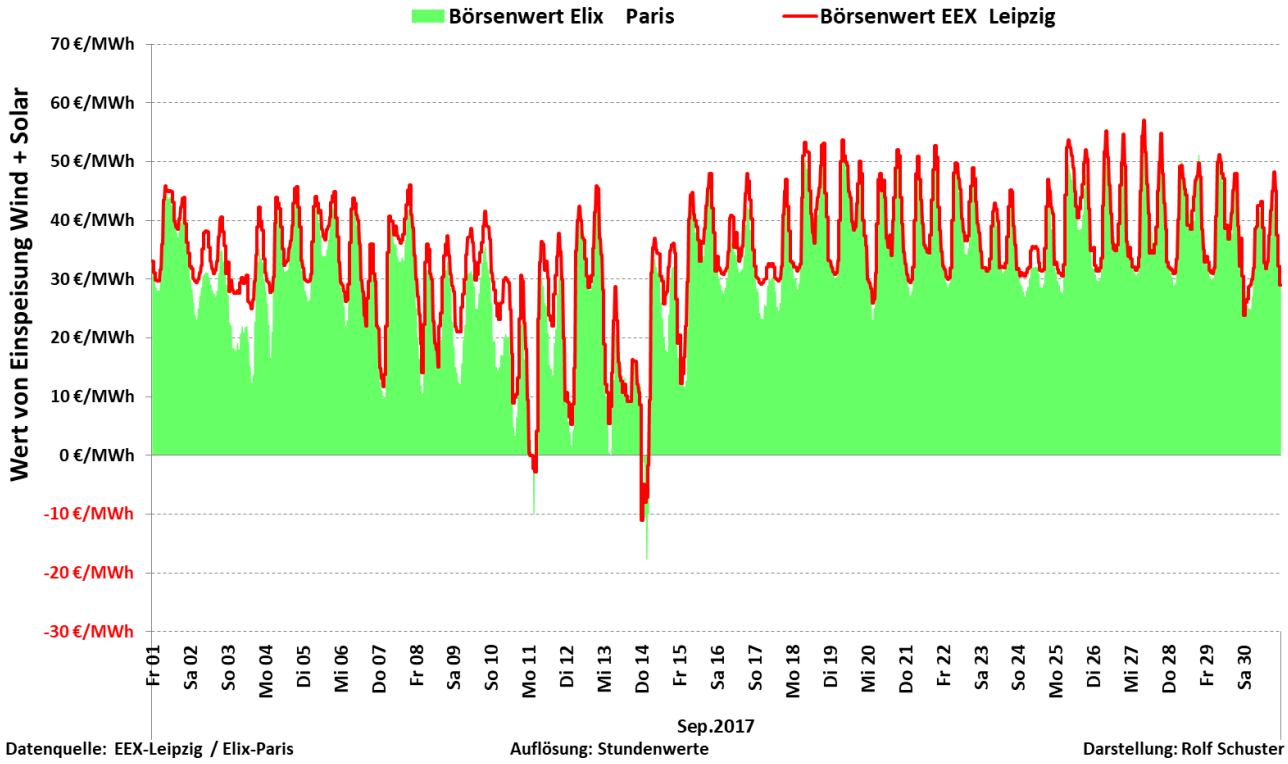
Datenquelle: Entso-e / Netzbetreiber Auflösung: Viertelstundenwerte Darstellung: Rolf Schuster

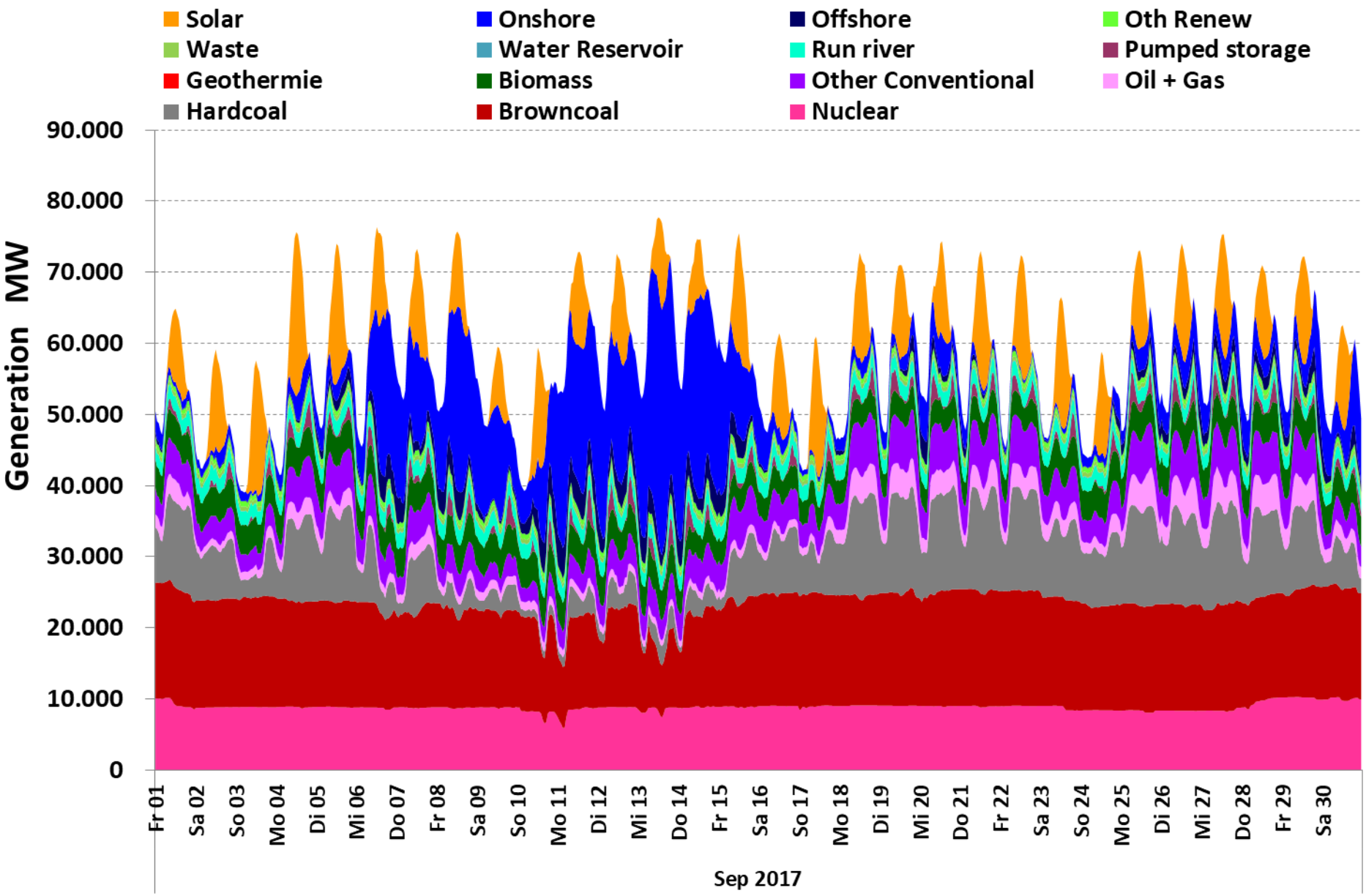
Sep 2017	Kennzahlen Solar	Proz. der Nennleist.
inst. Nennleistung	42.591MW	100,0%
max. Einspeiseleistung	23.327MW	54,8%
Mittelwert	4.277MW	10,0%
min. Einspeiseleistung	0MW	0,0%
Summe	3.080GWh	

Summe der erzeugten Energie		3.080GWh
Verteilung der Einspeisung nach Klassen		
Einsp. = 0 MW	328,00 h	45,6%
1% bis 20% NL	210,50 h	29,2%
21% bis 40% NL	161,75 h	22,5%
größer 40%	19,75 h	2,7%
Summe	720,00 h	100,0%

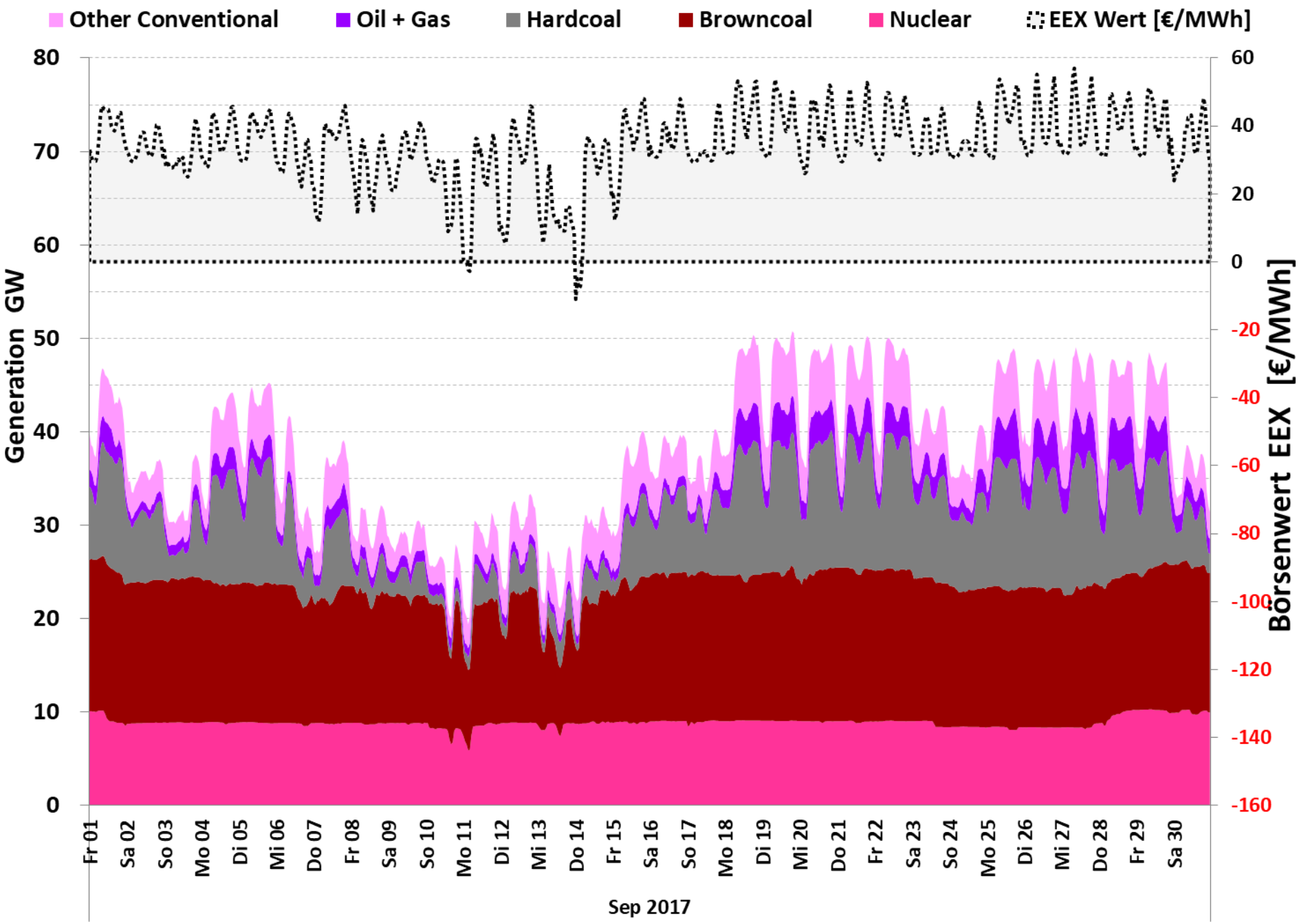


Sep.2017	Wind + Solar EEG-Wert	Wind + Solar Börsenwert EEX	Differenz EEX-Wert - EEG-Wert	EEX Preis
Max / h	7.220.086,0 €	1.262.676,8 €		57,00 €/MWh
Mittel / h	2.010.405,4 €	403.050,4 €		34,35 €/MWh
Min /h	46.956,0 €	-298.538,2 €		-11,04 €/MWh
Summe Mon.	1.447.491.878,8 €	290.196.265,1 €	-1.157.295.613,7 €	

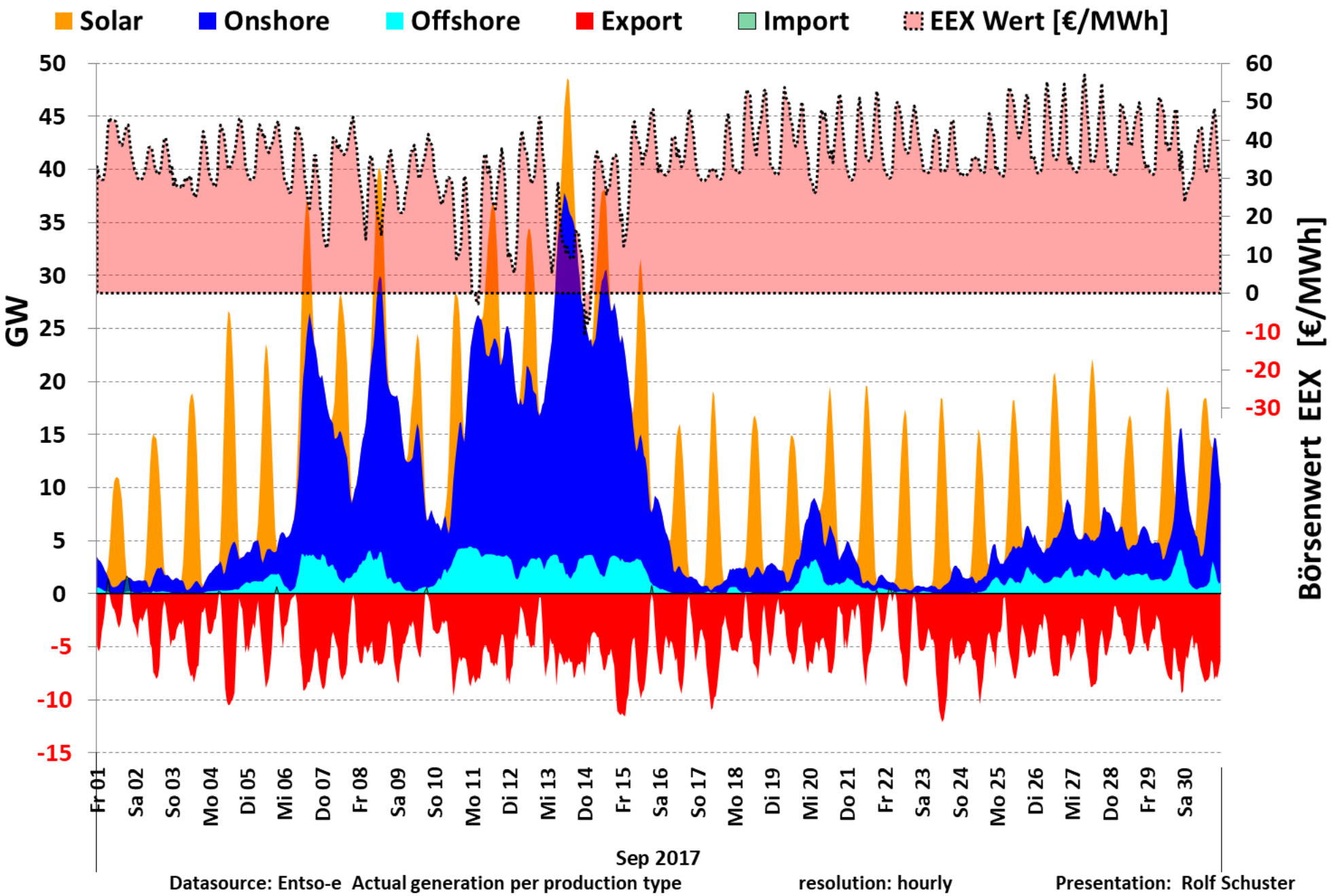


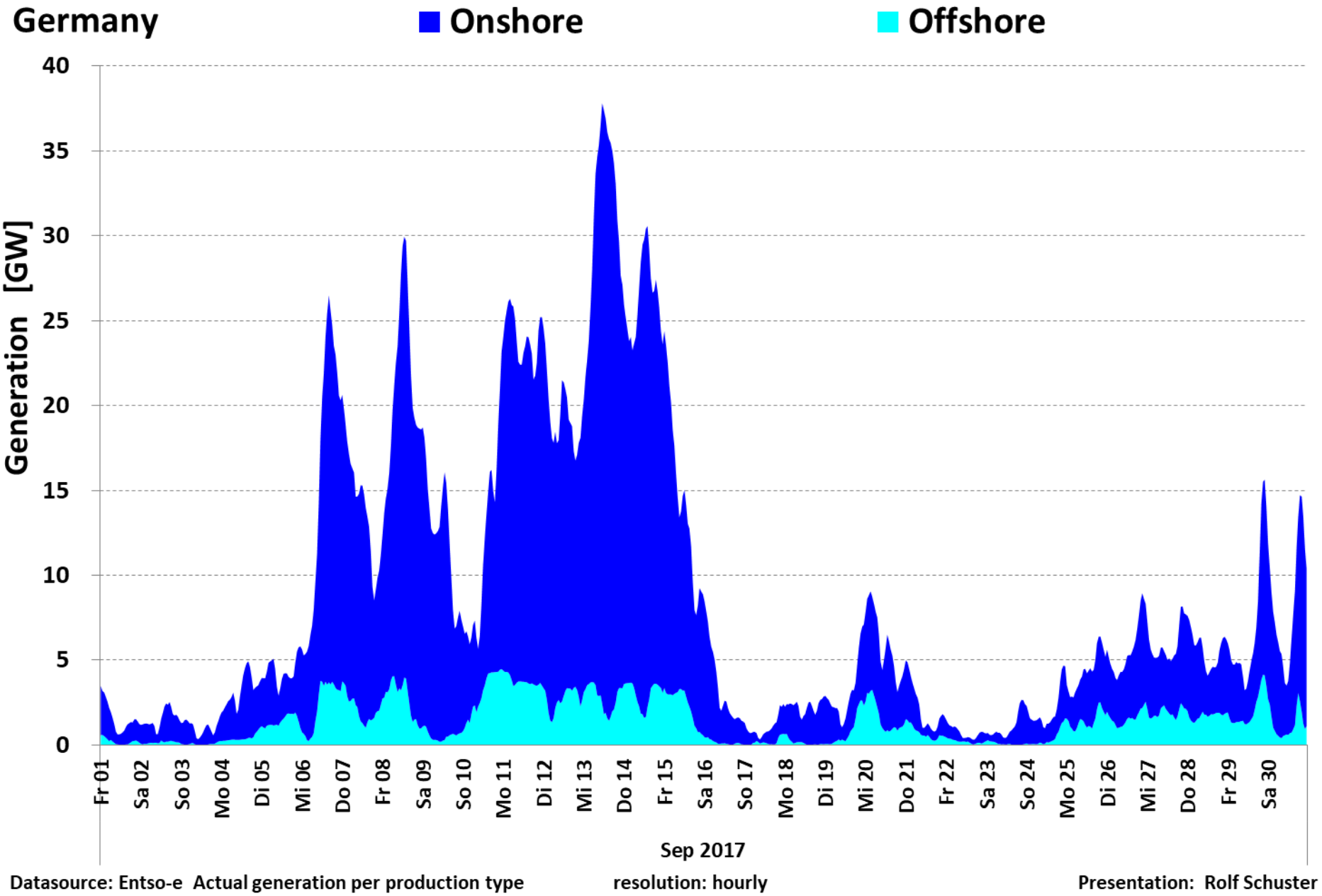


Datasource: Entso-e Actual generation per production type resolution: hourly Presentation: Rolf Schuster

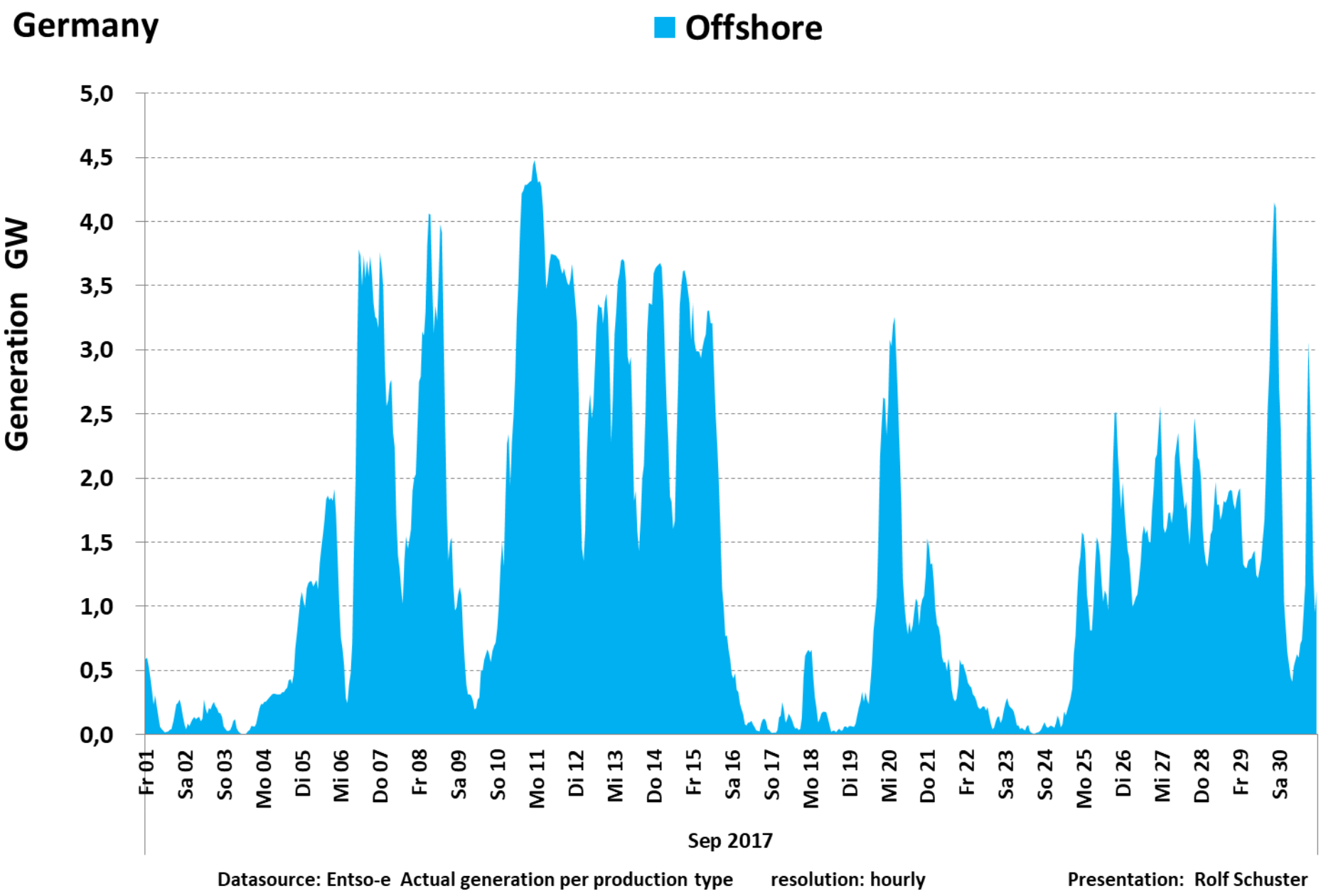


Datasource: Entso-e Actual generation per production type resolution: hourly Presentation: Rolf Schuster


Solar
Onshore
Offshore
Export
Import
EEX Wert [€/MWh]
GW
Börsenwert EEX [€/MWh]
50
45
40
35
30
25
20
15
10
5
0
-5
-10
-15
60
50
40
30
20
10
0
-10
-20
-30
Fr 01
Sa 02
So 03
Mo 04
Di 05
Mi 06
Do 07
Fr 08
Sa 09
So 10
Mo 11
Di 12
Mi 13
Do 14
Fr 15
Sa 16
So 17
Mo 18
Di 19
Mi 20
Do 21
Fr 22
Sa 23
So 24
Mo 25
Di 26
Mi 27
Do 28
Fr 29
Sa 30
Sep 2017
Datasource: Entso-e Actual generation per production type
resolution: hourly
Presentation: Rolf Schuster



Datasource: Entso-e Actual generation per production type resolution: hourly Presentation: Rolf Schuster


Germany
Offshore
Generation GW
5,0
4,5
4,0
3,5
3,0
2,5
2,0
1,5
1,0
0,5
0,0
Fr 01
Sa 02
So 03
Mo 04
Di 05
Mi 06
Do 07
Fr 08
Sa 09
So 10
Mo 11
Di 12
Mi 13
Do 14
Fr 15
Sa 16
So 17
Mo 18
Di 19
Mi 20
Do 21
Fr 22
Sa 23
So 24
Mo 25
Di 26
Mi 27
Do 28
Fr 29
Sa 30
Sep 2017
Datasource: Entso-e Actual generation per production type resolution: hourly
Presentation: Rolf Schuster