

Statistics of the Register of Guarantees of Origin, Germany - 2019

status: 31.03.2019; please take notice of the
explanation in the German table

				2019								
Techcode according to EECS Rules, Fact Sheet 5	Fuelcode according to EECS Rules, Fact Sheet 5	Energy		Production			Transaction					
				Issue	Cancel	Ex- pire	Issue	Transfer	Cancel	Export	Import	Expire
T020001	F01050100	Mechanical/ other	Wind - onshore	927	31	0	2.242	421.245	1.829.199	125.649	1.576.638	119
T020002	F01050100	Mechanical/ other	Wind - offshore	0	0	0	0	30.654	130.421	255.189	245.885	0
T020000	F01050100	Mechanical/ other	Wind - unknown	1.798	0	0	3.660	4.963	37.715	17.696	51.006	100
T030000, 0200	F01050200	Mechanical/ other	Hydro/marine	1.126.943	0	0	2.366.737	17.457.609	47.397.946	1.570.221	35.993.288	346.273
T010000, 0100	F01040100	Heat	Solar	0	0	0	1.450	216.697	429.936	87.710	351.088	357
T050302	F01040200	Heat	Geothermal, condensation turbine	0	0	0	0	26.158	473.483	0	103.389	1
T050000	F0101-0000, 0400	Biomass	Solid - renewable fuels(inc.For&Ag,bp&w)	33.751	0	0	628.596	725.333	1.653.313	475.976	828.754	15.963
T050000, 0200, 0202	F01010302	Biomass	Solid - forestry by- products & waste	0	0	0	0	0	0	0	0	0
T050000	F01010201	Biomass	Solid - industrial & commercial waste	0	0	0	0	0	0	0	0	0
T050000	F01030100	Biomass	Gas - landfill	0	0	0	0	202	202	0	0	0
T050000	F01030200	Biomass	Gas - sewage	0	0	0	59	0	59	0	0	0
T050000	F0103-0000, 0300 to 0305, 0400, 0501	Biomass	Gas - other biogas	0	0	0	0	0	33.729	1	1.583	0
T050000	F01020000	Biomass	Liquid - renewable fuels (inc. Mun.waste)	0	0	0	0	0	54.141	0	6.348	0
T050000	F01020200	Biomass	Liquid - black liquor	0	0	0	0	0	296.286	98.274	98.274	0
T050000 / T070000	F01000000	Unspecified	Unspecified renewable energy	38.498	0	0	654.899	392.495	742.660	485.425	233.525	12.446
				1.201.917	31	0	3.657.643	19.275.356	53.079.090	3.116.141	39.489.778	375.259

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			Production			Transaction						
			Issue	Cancel	Ex- pire	Issue	Transfer	Cancel	Export	Import	Expire	
T020001	F01050100	Mechanical/ other	Wind - onshore	739	31		1.249	351.433	1.207.441	37.352	1.059.572	119
T020002	F01050100	Mechanical/ other	Wind - offshore						77.557	45.082	137.626	
T020000	F01050100	Mechanical/ other	Wind - unknown	1.104			3.635	3.193	34.995		33.230	
T030000, 0200	F01050200	Mechanical/ other	Hydro/marine	539.291			1.092.083	6.806.052	21.673.337	443.648	20.347.941	109.980
T010000, 0100	F01040100	Heat	Solar				1.063	213.256	136.446	67	226.338	5
T050302	F01040200	Heat	Geothermal, condensation turbine					310	435.231		75.166	
T050000	F0101-0000, 0400	Biomass	Solid - renewable fuels(inc.For&Ag,bp&w)	17.537			328.701	414.200	1.234.130	243.415	524.868	2.244
T050000, 0200, 0202	F01010302	Biomass	Solid - forestry by- products & waste									
T050000	F01010201	Biomass	Solid - industrial & commercial waste									
T050000	F01030100	Biomass	Gas - landfill					202	202			
T050000	F01030200	Biomass	Gas - sewage									
T050000	F0103-0000, 0300 to 0305, 0400, 0501	Biomass	Gas - other biogas						30.096		1.582	
T050000	F01020000	Biomass	Liquid - renewable fuels (inc. Mun.waste)						8.079		6.344	
T050000	F01020200	Biomass	Liquid - black liquor						153.327	98.274	98.274	
T050000 / T070000	F01000000	Unspecified	Unspecified renewable energy	21.181			254.259	200.085	501.532	296.722	117.083	7.986
				579.852	31	0	1.680.990	7.988.731	25.492.373	1.164.560	22.628.024	120.334

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			Production			Transaction						
			Issue	Cancel	Ex- pire	Issue	Transfer	Cancel	Export	Import	Expire	
T020001	F01050100	Mechanical/ other	Wind - onshore	188			44	9.707	202.287	74.646	309.507	
T020002	F01050100	Mechanical/ other	Wind - offshore					30.654	46.244	173.758	108.259	
T020000	F01050100	Mechanical/ other	Wind - unknown	694			25	1.744	1.926	17.696	17.776	
T030000, 0200	F01050200	Mechanical/ other	Hydro/marine	454.402			506.358	4.477.840	12.791.187	629.444	8.152.018	125.975
T010000, 0100	F01040100	Heat	Solar				359	420	252.506	34.647	105.450	2
T050302	F01040200	Heat	Geothermal, condensation turbine					20.000	32.404		12.404	1
T050000	F0101-0000, 0400	Biomass	Solid - renewable fuels(inc.For&Ag,bp&w)	16.214			173.354	123.307	300.845	142.689	134.708	13.700
T050000, 0200, 0202	F01010302	Biomass	Solid - forestry by- products & waste									
T050000	F01010201	Biomass	Solid - industrial & commercial waste									
T050000	F01030100	Biomass	Gas - landfill									
T050000	F01030200	Biomass	Gas - sewage									
T050000	F0103-0000, 0300 to 0305, 0400, 0501	Biomass	Gas - other biogas						3.633	1	1	
T050000	F01020000	Biomass	Liquid - renewable fuels (inc. Mun.waste)						45.809		4	
T050000	F01020200	Biomass	Liquid - black liquor						40.028			
T050000 / T070000	F01000000	Unspecified	Unspecified renewable energy	17.317			144.018	30.573	74.899	35.159	64.427	4.460
				488.815	0	0	824.158	4.694.245	13.791.768	1.108.040	8.904.554	144.138

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			Production			Transaction						
			Issue	Cancel	Ex- pire	Issue	Transfer	Cancel	Export	Import	Expire	
T020001	F01050100	Mechanical/ other	Wind - onshore				949	60.105	419.471	13.651	207.559	
T020002	F01050100	Mechanical/ other	Wind - offshore						6.620	36.349		
T020000	F01050100	Mechanical/ other	Wind - unknown					26	794			100
T030000, 0200	F01050200	Mechanical/ other	Hydro/marine	133.250			768.296	6.173.717	12.933.422	497.129	7.493.329	110.318
T010000, 0100	F01040100	Heat	Solar				28	3.021	40.984	52.996	19.300	350
T050302	F01040200	Heat	Geothermal, condensation turbine					5.848	5.848		15.819	
T050000	F0101-0000, 0400	Biomass	Solid - renewable fuels(inc.For&Ag,bp&w)				126.541	187.826	118.338	89.872	169.178	19
T050000, 0200, 0202	F01010302	Biomass	Solid - forestry by- products & waste									
T050000	F01010201	Biomass	Solid - industrial & commercial waste									
T050000	F01030100	Biomass	Gas - landfill									
T050000	F01030200	Biomass	Gas - sewage				59		59			
T050000	F0103-0000, 0300 to 0305, 0400, 0501	Biomass	Gas - other biogas									
T050000	F01020000	Biomass	Liquid - renewable fuels (inc. Mun.waste)						253			
T050000	F01020200	Biomass	Liquid - black liquor						102.931			
T050000 / T070000	F01000000	Unspecified	Unspecified renewable energy				256.622	161.837	166.229	153.544	52.015	
				133.250	0	0	1.152.495	6.592.380	13.794.949	843.541	7.957.200	110.787

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			Production			Transaction								
			Issue	Cancel	Ex- pire	Issue	Transfer	Cancel	Export	Import	Expire			
T020001	F01050100	Mechanical/ other	Wind - onshore											
T020002	F01050100	Mechanical/ other	Wind - offshore											
T020000	F01050100	Mechanical/ other	Wind - unknown											
T030000, 0200	F01050200	Mechanical/ other	Hydro/marine											
T010000, 0100	F01040100	Heat	Solar											
T050302	F01040200	Heat	Geothermal, condensation turbine											
T050000	F0101-0000, 0400	Biomass	Solid - renewable fuels(inc.For&Ag,bp&w)											
T050000, 0200, 0202	F01010302	Biomass	Solid - forestry by- products & waste											
T050000	F01010201	Biomass	Solid - industrial & commercial waste											
T050000	F01030100	Biomass	Gas - landfill											
T050000	F01030200	Biomass	Gas - sewage											
T050000	F0103-0000, 0300 to 0305, 0400, 0501	Biomass	Gas - other biogas											
T050000	F01020000	Biomass	Liquid - renewable fuels (inc. Mun.waste)											
T050000	F01020200	Biomass	Liquid - black liquor											
T050000 / T070000	F01000000	Unspecified	Unspecified renewable energy											
				0	0	0	0	0	0	0	0	0	0	0

source: Umweltbundesamt status: 31.03.2019