

## Statistics of the Register of Guarantees of Origin, Germany - 2014

status: 31.12.2015; please take notice of the  
explanation in the German table

Techcode according to EECS Rules, Fact Sheet 5	Fuelcode according to EECS Rules, Fact Sheet 5	Energy		2014								
				Production			Transaction					
				Issue	Cancel	Expire	Issue	Transfer	Cancel	Export	Import	Expire
T020001	F01050100	Mechanical/ other	Wind - onshore	619.275	582.666	66.345	1.760.812	2.396.077	1.719.298	223.683	748.262	55.253
T020002	F01050100	Mechanical/ other	Wind - offshore	0	0	0	0	0	0	0	0	0
T020000	F01050100	Mechanical/ other	Wind - unknown	358	0	0	0	2.500	300	2.500	15.300	0
T030000, 0200	F01050200	Mechanical/ other	Hydro/marine	13.101.993	9.564.133	230.343	12.880.967	49.476.276	77.580.718	3.109.831	66.421.399	3.097.086
T010000, 0100	F01040100	Heat	Solar	8.769	8.057	4	5.037	4.725	1.010	0	315	22
T050302	F01040200	Heat	Geothermal, condensation turbine	0	0	0	0	45.000	75.000	0	220.000	0
T050000	F0101-0000, 0400	Biomass	Solid - renewable fuels (inc. For&Ag bp&w)	920.187	439.869	163.821	1.705.124	1.180.994	428.827	740.832	6.412	248.618
T050000	F01030100	Biomass	Gas - landfill	30.183	22.838	1.453	133.576	162.788	105.533	0	0	5.508
T050000	F01030200	Biomass	Gas - sewage	2.998	2.828	0	6.555	3.574	3.999	0	0	9
T050000	F0103-0000, 0300 to 0305, 0400, 0501	Biomass	Gas - other biogas	0	0	0	153	163	160	0	18.803	2
T050000 / T070000	F01000000	Unspecified	Unspecified renewable energy	836.225	461.872	238.134	1.910.713	566.560	524.432	747.168	0	714.013
				15.519.988	11.082.263	700.100	18.402.937	53.838.657	80.439.277	4.824.014	67.430.491	4.120.511

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				Production			Transaction					
				Issue	Cancel	Expire	Issue	Transfer	Cancel	Export	Import	Expire
T020001	F01050100	Mechanical/ other	Wind - onshore	137.666	136.152	7.108	650.323	824.378	247.245	31.108	155.805	
T020002	F01050100	Mechanical/ other	Wind - offshore									
T020000	F01050100	Mechanical/ other	Wind - unknown									
T030000, 0200	F01050200	Mechanical/ other	Hydro/marine	1.068.818	343.156	9.455	2.161.503	10.492.222	16.248.684	83.068	13.385.872	
T010000, 0100	F01040100	Heat	Solar	15	14		192	195	147			
T050302	F01040200	Heat	Geothermal, condensation turbine									
T050000	F0101-0000, 0400	Biomass	Solid - renewable fuels (inc. For&Ag bp&w)	66.124	25.101	25.823	371.950	52.088	31.039	11.921		
T050000	F01030100	Biomass	Gas - landfill	4.811	3.617	184	73.466	78.871	609			
T050000	F01030200	Biomass	Gas - sewage	539	539		3.346	3.346				
T050000	F0103-0000, 0300 to 0305, 0400, 0501	Biomass	Gas - other biogas									
T050000 / T070000	F01000000	Unspecified	Unspecified renewable energy	76.642	35.370	32.224	70.573	28.063	21.164			
				1.354.615	543.949	74.794	3.331.353	11.479.163	16.548.888	126.097	13.541.677	0

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				Production			Transaction					
				Issue	Cancel	Expire	Issue	Transfer	Cancel	Export	Import	Expire
T020001	F01050100	Mechanical/ other	Wind - onshore	116.212	83.957	7.558	21.282	44.733	53.166	4.499	70.470	
T020002	F01050100	Mechanical/ other	Wind - offshore									
T020000	F01050100	Mechanical/ other	Wind - unknown									
T030000, 0200	F01050200	Mechanical/ other	Hydro/marine	941.704	743.003	11.198	549.922	3.800.420	6.136.390	64.432	3.327.379	
T010000, 0100	F01040100	Heat	Solar	330	29				1			
T050302	F01040200	Heat	Geothermal, condensation turbine						75.000		75.000	
T050000	F0101-0000, 0400	Biomass	Solid - renewable fuels (inc. For&Ag bp&w)	66.152	24.050	23.866	73.660	31.485	25.131	72.301		
T050000	F01030100	Biomass	Gas - landfill	4.357	3.360	199	11.145	5.713	468			
T050000	F01030200	Biomass	Gas - sewage	560	560		35		3			
T050000	F0103-0000, 0300 to 0305, 0400, 0501	Biomass	Gas - other biogas					10				
T050000 / T070000	F01000000	Unspecified	Unspecified renewable energy	67.554	24.134	20.548	243.405	4.739				
				1.196.869	879.093	63.369	899.449	3.887.100	6.290.159	141.232	3.472.849	0

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Techcode according to EECS Rules, Fact Sheet 5	Fuelcode according to EECS Rules, Fact Sheet 5	Energy		Mar								
				Production			Transaction					
				Issue	Cancel	Expire	Issue	Transfer	Cancel	Export	Import	Expire
T020001	F01050100	Mechanical/ other	Wind - onshore	80.955	76.645	5.577	120.683	74.098	45.734		158.440	
T020002	F01050100	Mechanical/ other	Wind - offshore									
T020000	F01050100	Mechanical/ other	Wind - unknown						300		300	
T030000, 0200	F01050200	Mechanical/ other	Hydro/marine	885.434	1.280.750	7.151	1.292.076	8.187.807	6.516.639	103.759	8.765.367	
T010000, 0100	F01040100	Heat	Solar	737	735		101		19		1	
T050302	F01040200	Heat	Geothermal, condensation turbine									
T050000	F0101-0000, 0400	Biomass	Solid - renewable fuels (inc. For&Ag bp&w)	79.716	33.464	17.609	43.901	31.755	25.200			
T050000	F01030100	Biomass	Gas - landfill	4.547	3.584	137	4.954	15.637	2.316			
T050000	F01030200	Biomass	Gas - sewage	616	616							
T050000	F0103-0000, 0300 to 0305, 0400, 0501	Biomass	Gas - other biogas				37	37			1	
T050000 / T070000	F01000000	Unspecified	Unspecified renewable energy	80.253	28.612	17.340	90.727			50.004		
				1.132.258	1.424.406	47.814	1.552.479	8.309.334	6.590.208	153.763	8.924.109	0

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				Apr								
Techcode according to EECS Rules, Fact Sheet 5	Fuelcode according to EECS Rules, Fact Sheet 5	Energy		Production			Transaction					
				Issue	Cancel	Expire	Issue	Transfer	Cancel	Export	Import	Expire
T020001	F01050100	Mechanical/ other	Wind - onshore	73.850	73.262	6.231	401.467	892.862	487.634	182.356	17.501	
T020002	F01050100	Mechanical/ other	Wind - offshore									
T020000	F01050100	Mechanical/ other	Wind - unknown									
T030000, 0200	F01050200	Mechanical/ other	Hydro/marine	874.350	672.946	2.529	1.871.504	6.544.708	17.900.077	898.872	2.008.708	
T010000, 0100	F01040100	Heat	Solar	761	761		6	6	127			
T050302	F01040200	Heat	Geothermal, condensation turbine									
T050000	F0101-0000, 0400	Biomass	Solid - renewable fuels (inc. For&Ag bp&w)	92.673	40.572	13.865	194.260	95.327	99.464	34.072	6.412	
T050000	F01030100	Biomass	Gas - landfill	4.436	3.436	164	18.875	49.354	48.691			
T050000	F01030200	Biomass	Gas - sewage	530	530		343		660			
T050000	F0103-0000, 0300 to 0305, 0400, 0501	Biomass	Gas - other biogas				116	116	154			
T050000 / T070000	F01000000	Unspecified	Unspecified renewable energy	82.424	27.503	16.641	193.229	150.838	160.185			
				1.129.024	819.010	39.430	2.679.800	7.733.211	18.696.992	1.115.300	2.032.621	0

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Techcode according to EECS Rules, Fact Sheet 5	Fuelcode according to EECS Rules, Fact Sheet 5	Energy		May								
				Production			Transaction					
				Issue	Cancel	Expire	Issue	Transfer	Cancel	Export	Import	Expire
T020001	F01050100	Mechanical/ other	Wind - onshore	60.417	59.535	3.847	50.395	66.617	427.997	4.760	8.551	53.043
T020002	F01050100	Mechanical/ other	Wind - offshore									
T020000	F01050100	Mechanical/ other	Wind - unknown									
T030000, 0200	F01050200	Mechanical/ other	Hydro/marine	1.314.165	940.796	2.595	328.965	909.674	6.641.084	144.168	1.834.690	1.165.779
T010000, 0100	F01040100	Heat	Solar	1.338	1.338							
T050302	F01040200	Heat	Geothermal, condensation turbine					45.000			45.000	
T050000	F0101-0000, 0400	Biomass	Solid - renewable fuels (inc. For&Ag bp&w)	92.362	46.756	8.349	152.738	107.080	40.022	90.412		49.986
T050000	F01030100	Biomass	Gas - landfill	4.721	3.641	203	9.643	12.061	16.638			
T050000	F01030200	Biomass	Gas - sewage	521	521			114	247			7
T050000	F0103-0000, 0300 to 0305, 0400, 0501	Biomass	Gas - other biogas						3			1
T050000 / T070000	F01000000	Unspecified	Unspecified renewable energy	81.640	32.904	6.945	86.218	20.530	17.188	222.304		256.157
				1.555.164	1.085.491	21.939	627.959	1.161.076	7.143.179	461.644	1.888.241	1.524.973

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				Production			Transaction					
				Issue	Cancel	Expire	Issue	Transfer	Cancel	Export	Import	Expire
T020001	F01050100	Mechanical/ other	Wind - onshore	45.683	47.586	2.168	2.444	17.203	58.564		73.008	
T020002	F01050100	Mechanical/ other	Wind - offshore									
T020000	F01050100	Mechanical/ other	Wind - unknown									
T030000, 0200	F01050200	Mechanical/ other	Hydro/marine	1.060.172	732.531	4.417	752.577	792.066	3.107.631	84.266	2.252.495	228.238
T010000, 0100	F01040100	Heat	Solar	1.559	1.559	4	7					
T050302	F01040200	Heat	Geothermal, condensation turbine									
T050000	F0101-0000, 0400	Biomass	Solid - renewable fuels (inc. For&Ag bp&w)	66.589	36.660	16.275	204.862	149.661	38.916	103.815		
T050000	F01030100	Biomass	Gas - landfill	3.755	2.697	88		1.152	6.143			818
T050000	F01030200	Biomass	Gas - sewage	21	21		20	114	382			2
T050000	F0103-0000, 0300 to 0305, 0400, 0501	Biomass	Gas - other biogas						1		1	
T050000 / T070000	F01000000	Unspecified	Unspecified renewable energy	87.774	38.849	12.064	156.196	51.387	57.715	26.146		69.887
				1.265.553	859.903	35.016	1.116.106	1.011.583	3.269.352	214.227	2.325.504	298.945

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				Production			Transaction					
				Issue	Cancel	Expire	Issue	Transfer	Cancel	Export	Import	Expire
T020001	F01050100	Mechanical/ other	Wind - onshore	30.312	28.078	2.077	34.988	70.744	48.736		50.550	289
T020002	F01050100	Mechanical/ other	Wind - offshore									
T020000	F01050100	Mechanical/ other	Wind - unknown									
T030000, 0200	F01050200	Mechanical/ other	Hydro/marine	1.416.457	904.023	22.367	1.014.374	1.131.249	4.051.348	58.704	2.081.489	307.816
T010000, 0100	F01040100	Heat	Solar	1.422	1.422		39	32	32			
T050302	F01040200	Heat	Geothermal, condensation turbine									
T050000	F0101-0000, 0400	Biomass	Solid - renewable fuels (inc. For&Ag bp&w)	80.406	39.070	10.351	151.733	315.988	14.287	123.311		211
T050000	F01030100	Biomass	Gas - landfill	3.556	2.503	205			11.832			808
T050000	F01030200	Biomass	Gas - sewage	7	7				278			
T050000	F0103-0000, 0300 to 0305, 0400, 0501	Biomass	Gas - other biogas									
T050000 / T070000	F01000000	Unspecified	Unspecified renewable energy	74.996	48.790	29.554	86.172	41.792	29.565	17.830		63.595
				1.607.156	1.023.893	64.554	1.287.306	1.559.805	4.156.078	199.845	2.132.039	372.719



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				Production			Transaction					
				Issue	Cancel	Expire	Issue	Transfer	Cancel	Export	Import	Expire
T020001	F01050100	Mechanical/ other	Wind - onshore	8.737	12.268	5.562	3	7.821	64.605		28.695	90
T020002	F01050100	Mechanical/ other	Wind - offshore									
T020000	F01050100	Mechanical/ other	Wind - unknown									
T030000, 0200	F01050200	Mechanical/ other	Hydro/marine	1.377.096	973.518	20.269	1.389.122	1.759.476	2.568.811	266.569	4.008.176	264.629
T010000, 0100	F01040100	Heat	Solar	1.244	1.242		158	102	518		313	20
T050302	F01040200	Heat	Geothermal, condensation turbine								100.000	
T050000	F0101-0000, 0400	Biomass	Solid - renewable fuels (inc. For&Ag bp&w)	83.496	42.731	10.680	101.622	10.637	33.442	40.149		28.363
T050000	F01030100	Biomass	Gas - landfill			206			10.188			962
T050000	F01030200	Biomass	Gas - sewage	16	16				271			
T050000	F0103-0000, 0300 to 0305, 0400, 0501	Biomass	Gas - other biogas								1	
T050000 / T070000	F01000000	Unspecified	Unspecified renewable energy	57.199	48.684	21.475	242.737	8.453	4.214	27.060		82.303
				1.527.788	1.078.459	58.192	1.733.642	1.786.489	2.682.049	333.778	4.137.185	376.367

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				Production			Transaction					
				Issue	Cancel	Expire	Issue	Transfer	Cancel	Export	Import	Expire
T020001	F01050100	Mechanical/ other	Wind - onshore	9.167	9.842	220	98.241	47.393	159.559	960	23.460	70
T020002	F01050100	Mechanical/ other	Wind - offshore									
T020000	F01050100	Mechanical/ other	Wind - unknown									
T030000, 0200	F01050200	Mechanical/ other	Hydro/marine	1.195.031	751.981	19.882	1.033.231	6.238.846	5.522.869	122.234	7.875.324	308.465
T010000, 0100	F01040100	Heat	Solar	989	870				162			
T050302	F01040200	Heat	Geothermal, condensation turbine									
T050000	F0101-0000, 0400	Biomass	Solid - renewable fuels (inc. For&Ag bp&w)	70.789	37.483	10.335	128.183	135.907	114.207	40.912		59.679
T050000	F01030100	Biomass	Gas - landfill			67			7.810			978
T050000	F01030200	Biomass	Gas - sewage	18	18				1.894			
T050000	F0103-0000, 0300 to 0305, 0400, 0501	Biomass	Gas - other biogas						2			1
T050000 / T070000	F01000000	Unspecified	Unspecified renewable energy	42.514	49.428	17.441	437.187	147.963	163.925	150.176		92.542
				1.318.508	849.622	47.945	1.696.842	6.570.109	5.970.428	314.282	7.898.784	461.735

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				Production			Transaction						
				Issue	Cancel	Expire	Issue	Transfer	Cancel	Export	Import	Expire	
T020001	F01050100	Mechanical/ other	Wind - onshore	13.136	13.081	7.476	59.414	166.311	58.994			16.639	1.594
T020002	F01050100	Mechanical/ other	Wind - offshore										
T020000	F01050100	Mechanical/ other	Wind - unknown										
T030000, 0200	F01050200	Mechanical/ other	Hydro/marine	1.041.095	753.954	25.483	898.742	3.327.653	2.529.121	125.289	3.220.011	244.430	
T010000, 0100	F01040100	Heat	Solar	108	48		4.390	4.390					
T050302	F01040200	Heat	Geothermal, condensation turbine										
T050000	F0101-0000, 0400	Biomass	Solid - renewable fuels (inc. For&Ag bp&w)	76.196	39.618	10.372	126.996	137.327	280	90.248			14.921
T050000	F01030100	Biomass	Gas - landfill						838				942
T050000	F01030200	Biomass	Gas - sewage	42			11		11				
T050000	F0103-0000, 0300 to 0305, 0400, 0501	Biomass	Gas - other biogas										
T050000 / T070000	F01000000	Unspecified	Unspecified renewable energy	66.492	47.126	27.162	78.742	65.773	24.549				36.719
				1.197.069	853.827	70.493	1.168.295	3.701.454	2.613.793	215.537	3.236.650	298.606	

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				Production			Transaction					
				Issue	Cancel	Expire	Issue	Transfer	Cancel	Export	Import	Expire
T020001	F01050100	Mechanical/ other	Wind - onshore	14.508	14.435	7.521	15.869	28.945	36.131		23.192	69
T020002	F01050100	Mechanical/ other	Wind - offshore									
T020000	F01050100	Mechanical/ other	Wind - unknown									
T030000, 0200	F01050200	Mechanical/ other	Hydro/marine	1.049.122	768.779	55.161	749.461	1.968.601	1.461.238	272.109	6.531.403	389.165
T010000, 0100	F01040100	Heat	Solar	28	22							
T050302	F01040200	Heat	Geothermal, condensation turbine									
T050000	F0101-0000, 0400	Biomass	Solid - renewable fuels (inc. For&Ag bp&w)	75.604	40.278	6.923	89.232	22.367	731	55.224		50.188
T050000	F01030100	Biomass	Gas - landfill									694
T050000	F01030200	Biomass	Gas - sewage	60			253		253			
T050000	F0103-0000, 0300 to 0305, 0400, 0501	Biomass	Gas - other biogas									
T050000 / T070000	F01000000	Unspecified	Unspecified renewable energy	65.382	41.125	21.925	45.005	3.515	28.253	118.273		48.288
				1.204.704	864.639	91.530	899.820	2.023.428	1.526.606	445.606	6.554.595	488.404

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				Production			Transaction					
				Issue	Cancel	Expire	Issue	Transfer	Cancel	Export	Import	Expire
T020001	F01050100	Mechanical/ other	Wind - onshore	28.632	27.825	11.000	305.703	154.972	30.933		121.951	98
T020002	F01050100	Mechanical/ other	Wind - offshore									
T020000	F01050100	Mechanical/ other	Wind - unknown	358				2.500		2.500	15.000	
T030000, 0200	F01050200	Mechanical/ other	Hydro/marine	878.549	698.696	49.836	839.490	4.323.554	4.896.826	886.361	11.130.485	188.564
T010000, 0100	F01040100	Heat	Solar	238	17		144		4		1	2
T050302	F01040200	Heat	Geothermal, condensation turbine									
T050000	F0101-0000, 0400	Biomass	Solid - renewable fuels (inc. For&Ag bp&w)	70.080	34.086	9.373	65.987	91.372	6.108	78.467		45.270
T050000	F01030100	Biomass	Gas - landfill				15.493					306
T050000	F01030200	Biomass	Gas - sewage	68			2.547					
T050000	F0103-0000, 0300 to 0305, 0400, 0501	Biomass	Gas - other biogas								18.800	
T050000 / T070000	F01000000	Unspecified	Unspecified renewable energy	53.355	39.347	14.815	180.522	43.507	17.674	135.375		64.522
				1.031.280	799.971	85.024	1.409.886	4.615.905	4.951.545	1.102.703	11.286.237	298.762

source: Umweltbundesamt

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