

Darstellung der witterungsbereinigten Energieverbräuche und -Kosten

Fernwärmeanschlussleistung								Energiekosten															
2010 kW	2011 kW	2012 kW	2013 kW	2014 kW	2015 kW	2016 kW	2017 kW	2005 €/Jahr	2006 €/Jahr	2007 €/Jahr	2008 €/Jahr	2009 €/Jahr	2010 €/Jahr	2011 €/Jahr	2012 €/Jahr	2013 €/Jahr	2014 €/Jahr	2015 €/Jahr	2016 €/Jahr	2017 €/Jahr	2005	2006	2007
1.670	1.670	1.670	1.670	1.670	1.670	1.670	1.670	242.994	259.944	261.034	245.210	238.391	258.525	273.972	306.936	326.608	306.625	274.866	267.407	300.266	90	90	85
								128.377	127.349	155.490	160.849	166.712	191.260	219.671	222.457	236.049	248.395	246.032	255.680	257.306	21	20	21
820	800	800	0	0				154.312	167.241	176.061	159.926	168.509	145.359	144.634	156.631						52	53	51
								103.691	102.401	140.160	130.978	133.795	151.583	163.890	140.063						17	16	18
225	225	225	225	225	225	225	160	33.517	33.965	38.225	27.571	35.328	37.937	32.348	34.545	37.699	38.427	46.319	34.486	31.591	126	130	147
								7.385	6.910	7.024	6.693	6.749	6.142	7.387	8.048	8.502	9.086	10.071	9.252	10.294	10	11	11
680	610	610	610	610	610	610	610	130.724	140.228	129.019	107.577	114.412	106.605	107.547	116.579	125.850	121.129	114.707	114.518	99.690	85	86	63
								58.117	61.472	70.472	70.573	76.571	87.487	93.104	88.817	100.392	107.134	116.667	124.610	118.289	19	19	18
52	52	52	45	45	45	45	45	6.928	6.851	8.869	7.938	8.532	7.974	8.554	9.711	9.619	8.572	7.938	8.137	7.695	66	58	72
								3.282	3.256	3.814	5.039	4.767	4.767	5.039	7.600	8.000	9.020	9.130	9.350	9.350	18	17	17
3.447	3.357	3.357	2.550	2.550	2.550	2.550	2.485	568.475	608.230	613.207	548.222	565.172	556.399	567.055	624.401	499.776	474.754	443.829	424.548	439.241	122	123	112
								300.852	301.388	376.960	374.132	388.594	441.239	489.091	466.985	352.943	373.635	381.900	398.892	395.239	30	30	31
								869.327	909.617	990.167	922.354	953.766	997.638	1.056.146	1.091.386	852.719	848.389	825.729	823.440	834.480	152	153	143
271	271	271	298	298	298	298	298	47.661	52.792	61.345	54.238	53.862	42.438	44.222	44.476	50.379	39.609	43.406	44.622	45.220	110	114	113
								17.081	18.628	23.811	23.375	33.448	24.539	26.633	28.158	30.650	31.661	31.661	29.931	17.350	14	15	16
185	185	185	185	185	185	185	185	35.597	37.891	37.007	29.654	32.355	29.937	30.904	32.512	34.623	35.164	30.945	31.947	28.685	96	96	84
								8.584	10.083	9.381	8.929	8.475	10.979	11.603	10.030	11.917	13.928	13.619	13.390	13.064	9	10	9
310	310	310	310	310	310	310	310	46.010	50.631	60.969	44.143	50.742	48.510	49.479	53.811	60.525	55.859	52.050	51.123	47.022	63	67	72
								11.346	14.844	13.849	13.685	14.243	14.497	17.496	15.103	19.675	20.041	19.171	14.160	19.848	6	8	7
186	250	250	230	230	205	205	205	34.839	38.153	34.532	28.809	34.059	37.013	35.539	41.339	41.859	43.406	39.150	37.912	35.610	122	131	118
								11.346	14.843	13.849	13.685	14.242	14.497	8.166	9.455	8.521	8.584	8.246	8.876	10.800	14	19	16
444	444	390	370	424	424	424	370	82.364	83.292	79.084	59.457	66.745	64.887	62.865	55.169	59.589	77.506	70.899	71.890	56.905	125	115	92
								26.000	28.000	35.000	36.400	37.300	39.375	42.481	39.412	47.234	38.155	25.421	26.788	17.332	18	20	20
366	350	350	350	350	350	350	350	73.412	77.257	75.778	53.747	61.291	58.924	64.140	64.102	73.303	68.488	62.014	61.975	56.410	103	103	92
								20687	19304	20.995	19.977	18.260	18.344	20.896	21.466	22.881	27.173	21.622	24.746	23.107	10	10	10
225	225	225	225	225	225	225	225	38.933	39.009	40.074	38.075	47.050	43.340	42.297	41.764	45.332	44.193	39.316	39.042	35.384	59	83	84
								10.686	12.782	11.780	10.884	12.795	16.830	15.700	15.809	16.336	17.473	15.796	15.962	19.908	7	9	7
								51.542	48.883	56.090	57.498	53.702	35.793	39.746	43.116	45.662	35.750	26.865	21.480	16.328	164	133	150
								6.351	8.389	7.482	9.974	10.606	9.661	11.036	11.133	12.767	14.327	15.570	14.877	12.418	6	7	6
360	360	360	340	340	340	340	340	57.132	57.583	56.037	39.516	46.549	47.158	49.237	53.503	56.270	56.097	51.340	51.811	49.027	75	69	57
								13.568	13.148	11.278	11.484	11.775	10.859	14.903	16.604	18.867	18.861	18.249	16.775	29.468	7	7	6
282	265	265	265	265	265	265	265	48.740	55.456	55.067	43.172	45.764	43.956	47.872	53.899	55.210	50.557	48.070	49.852	44.097	97	100	92
								10.611	9.713	11.625	11.771	12.071	10.048	17.900	22.662	20.283	23.153	21.388	19.571	20.514	8	7	8
595	595	595	595	595	574	574	574	85.295	94.038	101.078	83.042	91.110	89.070	98.906	97.483	99.961	92.263	87.181	86.612	81.857	92	98	89
								22.902	26.587	26.129	27.955	25.320	21.932	21.810	32.952	34.372	35.786	34.348	37.858	36.131	9	11	10
297	288	288	265	194	244	244	244	44.350	50.827	50.046	43.276	45.171	39.629	43.544	50.293	51.612	45.674	47.043	46.371	43.201	78	88	79

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								11.018	11.885	15.317	19.885	24.098	25.247	14.628	9.138	16.764	17.721	20.333	19.608	18.262	9	9	10
359	359	359	359	359	359	360	359	61.257	64.128	61.021	47.560	55.000	51.941	57.611	64.920	65.186	64.087	59.139	58.960	54.413	77	75	63
								53.132	50.582	40.048	39.119	37.046	39.789	39.915	40.522	48.298	44.155	41.009	44.236	46.950	34	32	21
457	457	457	437	437	437	437	330	61.469	63.005	59.736	47.792	52.110	61.558	64.398	68.510	70.944	64.456	56.375	55.091	41.997	74	69	59
								7.533	8.013	11.021	17.357	20.349	21.397	28.684	19.506	20.584	18.144	17.542	20.646	20.574	5	5	5
								46.932	47.254	34.433	47.387	48.132	38.033	37.123	44.978	43.246	41.121	36.527	32.325	26.017	124	112	81
								12.357	16.261	12.185	13.187	13.889	14.513	18.689	12.611	16.964	17.121	15.980	13.502	16.440	9	11	8
								36.201	41.263	36.792	48.064	44.345	33.234	39.548	40.817	41.310	38.155	34.299	32.234	29.186	114	124	99
								20.961	19.249	19.395	15.407	17.528	21.583	22.308	17.074	30.482	30.428	25.691	22.104	23.738	19	19	17
215	215	215	215	215	195	195	195	34.979	35.358	41.707	40.277	41.829	39.315	46.430	52.288	51.561	54.970	44.809	40.329	38.793	79	80	84
								8.922	15.623	6.477	6.907	7.779	9.821	10.575	10.728	18.060	14.856	13.850	13.068	14.466	8	15	6
352	332	332	332	332	332	332	332	57.603	57.601	57.221	46.119	50.978	48.126	50.356	55.658	60.025	56.505	51.518	48.976	49.395	87	79	66
								12.968	12.871	14.446	13.464	15.909	19.305	16.557	16.581	21.223	21.226	19.318	19.731	19.150	8	8	8
295	280	285	280	280	280	280	280	51.544	53.123	49.031	40.145	43.917	42.352	45.751	50.039	54.252	52.400	43.943	43.369	42.397	94	89	71
								9.344	9.370	9.610	10.192	9.990	11.926	13.895	11.662	11.722	15.223	16.711	13.300	16.906	7	7	6
360	330	330	330	365	365	365	365	67.091	82.586	86.018	63.473	62.565	56.813	53.241	58.095	61.576	65.299	60.542	62.019	58.642	140	152	117
								25.312	29.691	27.273	25.852	30.212	32.070	35.353	22.770	35.453	33.847	33.183	32.711	36.125	14	17	14
415	388	388	388	388				70.278	75.037	85.553	72.685	74.715	70.091	77.495	85.046	86.923	78.349	68.779	79.334	65.152	90	90	89
								21.977	20.730	24.012	38.226	31.098	34.915	39.400	39.553	35.983	61.254	49.357	35.713	33.311	11	10	10
284	437	437	437	437	437	437	437	41.401	41.920	51.924	45.759	53.073	58.064	67.886	66.916	75.475	79.873	68.003	66.753	61.344	37	37	39
								21.448	20.234	23.460	17.427	18.075	23.813	29.453	19.538	33.970	34.805	36.860	33.090	39.394	8	7	8
280	260	260	260	260	260	260	260	49.526	50.493	47.009	38.853	44.749	43.128	45.522	48.299	50.772	46.260	43.159	41.994	39.690	88	82	63
								11.934	13.680	12.761	15.724	14.106	14.255	16.967	20.829	19.396	20.997	19.122	17.567	17.754	8	9	8
								44.213	49.486	48.908	48.825	46.396	38.012	46.879	45.340	47.953	45.899	35.678	35.893	28.301	139	140	134
								13.398	18.404	43.694	16.238	15.556	20.110	14.386	27.211	32.487	36.628	19.187	28.682	28.359	11	15	12
								107.827	122.628	113.589	161.127	143.030	115.567	113.286	112.004	118.176	123.505	90.437	79.490	58.333	171	176	153
								68.887	70.807	81.836	83.127	91.278	106.995	114.300	94.103	82.384	116.386	80.215	69.086	61.723	38	38	36
315	300	300	310	290	290	290	290	66.790	71.387	64.001	49.322	53.925	49.399	52.068	58.016	65.014	57.693	55.003	52.611	50.178	97	97	79
								11.588	10.557	13.258	13.559	16.585	15.694	17.232	15.398	17.660	17.958	18.428	18.186	20.085	6	6	7
				1.247	1.247	1.090	1.090	100.618	110.894	123.399	129.265	145.614	1.124.227	173.484	154.328	127.482	130.262	130.365	125.340	115.923	111	111	117
								49.151	51.592	62.453	61.983	62.494	71.369	75.211	71.170	79.519	73.618	67.496	64.946	71.148	19	20	19
200	200	200	200	200	200	200	200	69.516	50.926	47.570	38.398	41.683	40.713	38.744	39.042	42.628	41.332	39.545	41.384	37.401	143	116	85
								352	368	335	321	11.852	18.187	15.718	18.413	19.696	18.573	17.871	17.597	18.970	0	0	0
325	300	300	300	300	300	300	300	68.345	63.635	63.226	49.725	58.692	55.525	52.999	59.016	63.538	63.033	56.781	55.754	52.676	90	74	63
								10.564	12.996	12.213	12.187	12.214	15.637	15.715	14.122	20.510	21.070	22.380	23.312	23.308	5	6	5
279	279	279	299	279	279	279	279	39.879	43.570	50.366	44.626	47.304	39.681	44.752	43.466	48.065	55.976	50.553	49.374	45.365	116	121	124
								13.000	14.300	17.700	18.500	19.000	21.202	22.874	21.222	24.734	29.159	13.688	14.424	20.667	20	21	21
400	330	330	330	330	330	330	330	78.872	87.734	76.438	53.826	56.675	48.079	45.975	48.998	53.613	64.167	59.444	57.963	53.424	167	168	136
								16.187	16.374	17.560	14.666	18.054	18.663	26.524	20.054	19.166	22.018	26.763	29.906	17.879	9	9	8
415	416	416						62.965	65.302	55.338	43.206	47.849	43.229	49.529	54.352								
								17.054	16.632	16.794	17.605	22.085	24.047	24.118	25.003								
519	519	519	519	519	519	519	519	68.127	71.462	77.553	61.620	69.187	68.096	69.762	71.653	87.619	80.323	72.836	71.338	70.734	102	100	94
								33.928	27.006	31.775	34.785	36.928	35.803	40.589	40.618	45.345	45.154	43.191	41.412	43.325	23	18	17
310	310	300	290	290	290	290	290	50.833	48.322	55.497	52.327	62.047	51.031	53.149	56.465	58.158	56.890	52.495	50.311	43.786	167	168	169
249	262	262	262	262	262	262	262	37.716	38.858	45.017	35.905	36.318	35.156	38.846	41.425	45.072	60.573	53.440	54.254	53.083	41	40	41

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								42.970	35.460	43.984	31.093	48.686	58.176	61.286	64.372	68.083	62.233	61.919	60.448	62.396	24	20	20
215	190	190	180	180	180	180	180	31.481	36.048	37.715	28.908	31.128	27.538	30.332	29.824	30.424	30.014	25.413	25.049	23.941	84	95	83
								6.389	7.452	8.822	7.724	9.119	10.455	10.445	9.832	10.899	12.133	11.428	11.054	11.454	7	8	9
469	469	469	469	479	469	469	469	70.745	73.366	80.777	67.641	74.388	66.666	79.145	83.822	88.624	75.364	78.670	73.856	71.454	76	72	68
								30.382	31.117	39.273	39.357	41.192	40.989	46.256	44.494	61.067	66.235	61.772	58.057	60.488	15	15	16
447	425	425	425	425	425	460	460	72.688	78.461	84.754	72.598	82.801	71.615	75.791	72.451	75.309	69.660	70.639	67.324	63.828	83	84	77
								24.098	23.293	25.267	33.647	25.505	24.265	29.161	28.617	30.430	30.248	31.792	30.437	31.963	10	10	9
								66.138	61.098	49.978	65.911	45.782	48.117	52.660	48.631	52.492	44.822	42.268	41.538	31.178	126	104	83
								35.201	28.742	25.111	24.431	24.053	25.624	27.723	28.007	31.555	32.159	20.405	24.107	26.423	19	15	11
								30.259	30.223	30.824	39.370	36.403	22.277	18.121	18.174	18.622	17.272	9.636	17.522	11.418	147	129	130
321	321	321	315	315	315	315	315	69.713	73.709	56.698	53.521	55.694	52.780	60.113	51.585	57.745	54.345	47.183	48.259	42.875	77	77	59
								18.472	18.593	19.889	23.176	18.251	19.865	19.759	19.131	24.990	23.005	13.901	20.562	21.209	9	9	8
210	200	200	165	165	165	165	165	33.489	36.947	35.497	26.922	33.385	32.984	33.178	40.931	41.557	35.076	32.453	34.962	29.636	71	75	65
								8.135	10.898	10.309	10.150	10.848	9.699	10.540	10.752	12.077	16.046	14.082	13.038	13.884	7	10	8
460	440	440	425	425	443	443	443	80.351	89.651	63.932	79.208	85.846	80.218	85.423	94.316	104.038	98.036	80.664	84.455	78.859	120	128	122
								34.275	35.138	39.990	53.686	37.118	36.949	46.903	42.671	53.947	51.700	52.621	51.628	49.092	20	20	19
410	390	390	364	364	364	364	364	69.184	58.238	59.867	43.174	49.091	44.624	47.167	51.490	50.338	48.347	43.680	42.701	39.607	92	58	56
								19.272	17.813	18.429	26.492	18.764	18.153	21.646	20.606	22.706	21.007	23.392	22.330	22.185	10	9	8
								14.298	15.070	11.657	17.364	19.070	14.191	14.903	11.680	8.887	13.860	4.142	4.522	3.537	44	42	32
								105.472	121.212	113.328	144.866	153.862	102.570	102.242	85.050	67.977	68.252	62.568	66.949	51.493	272	277	259
								33.210	37.524	50.126	42.704	47.402	52.200	53.585	48.845	51.740	53.603	59.325	45.169	48.612	15	16	18
762	826	826	826	826	826	896	896	104.147	111.351	126.959	115.943	125.263	109.825	121.349	127.101	138.891	151.364	124.935	131.929	127.712	188	189	188
																					0	0	0
12.429	12.362	12.303	12.150	13.385	12.989	12.938	12.776	2.704.858	2.841.855	2.835.102	2.593.132	2.753.399	3.462.204	2.644.479	2.711.837	2.827.819	2.772.108	2.484.200	2.468.798	2.231.512	105	103	93
								845.527	872.944	963.208	968.692	1.003.513	1.080.230	1.164.901	1.102.934	1.261.397	1.327.853	1.193.903	1.152.591	1.176.182	94	96	89
								3.550.385	3.714.799	3.798.310	3.561.824	3.756.912	4.542.434	3.809.380	3.814.771	4.089.216	4.099.961	3.678.104	3.621.389	3.407.694	104	102	92
88	88	88	88	88	88	88	138	19.518	20.597	22.329	16.885	12.857	12.638	13.369	13.920	14.443	15.261	14.385	14.317	16.125	127	127	68
								7.193	8.674	7.228	6.314	7.066	6.900	6.507	8.043	7.661	8.137	9.987	7.519	7.506	27	30	23
208	208	208	208	208	208	208	208	28.756	31.134	31.705	29.678	27.326	24.618	25.940	27.172	29.338	297.454	27.455	27.266	25.513	122	125	108
								7.520	7.269	6.000	5.577	5.768	8.835	11.399	11.916	13.519	12.864	13.153	11.976	11.852	12	12	8
146	146	146	146	146	146	146	146	16.371	14.857	15.381	13.885	14.551	13.294	15.135	15.326	16.300	16.784	15.482	14.869	14.932	185	142	128
								6.291	2.372	4.207	3.776	3.807	5.013	5.192	5.423	6.732	4.637	4.395	6.690	7.366	33	12	21
277	277	277	277	277	277	277	277	41.046	42.104	44.220	38.776	44.139	43.059	45.778	48.262	53.318	54.871	48.056	45.697	41.994	106	100	91
								10.742	9.426	9.800	10.900	9.900	12.983	17.043	7.003	15.624	15.656	17.298	13.889	18.055	10	8	8
196	196	196	196	196	196	196	196	29.696	34.336	20.072	23.458	25.085	26.822	26.980	30.161	32.053	33.073	30.420	33.542	32.715	329	371	181
								4.695	6.642	5.391	6.284	5.490	4.097	5.468	7.762	3.985	3.164	3.674	4.937	5.458	16	27	20
214	214	214	214	214	214	214	214	29.247	31.901	32.441	29.305	28.529	26.305	27.533	28.494	29.404	30.954	28.792	29.596	28.646	113	118	114
								4.309	4.660	5.017	5.100	5.100	8.906	9.038	9.053	10.391	7.145	10.040	9.115	9.309	6	8	8
								107.701	124.760	103.371	139.970	115.761	76.455	94.507	79.089	78.609	76.817	67.549	79.991	65.316	371	372	288
								3.780	13.015	13.000	13.000	13.000	14.386	16.142	14.235	21.337	19.392	19.182	18.639	15.997	3	12	12
								12.166	9.823	5.989	21.022	17.595	17.617	14.863	13.077	12.915	12.705	9.656	9.891	7.778	152	111	64
								6.980	7.377	10.227	8.204	6.824	8.093	7.313	6.045	6.990	9.226	11.761	10.293	9.490	29	31	40
48	48	48	48	48	48	46	46	10.446	10.889	8.229	8.568	9.252	8.714	9.619	10.210	10.119	9.872	10.557	10.466	9.282	126	123	105

Darstellung der witterungsbereinigten Energieverbräuche und -Kosten

Fernwärmeanschlussleistung								Energiekosten															
2010 kW	2011 kW	2012 kW	2013 kW	2014 kW	2015 kW	2016 kW	2017 kW	2005 €/Jahr	2006 €/Jahr	2007 €/Jahr	2008 €/Jahr	2009 €/Jahr	2010 €/Jahr	2011 €/Jahr	2012 €/Jahr	2013 €/Jahr	2014 €/Jahr	2015 €/Jahr	2016 €/Jahr	2017 €/Jahr	2005	2006	2007
								3.048	3.737	3.800	4.060	3.574	2.948	3.148	3.167	3.666	3.596	2.999	2.935	4.015	15	19	18
65	65	65	65	65	65	65	65	17.737	16.273	14.103	12.931	14.661	13.052	14.287	18.049	16.388	14.254	14.437	14.888	12.836	145	116	109
202	202	202	202	202	202	202	202	39.233	41.404	45.820	42.335	45.354	39.381	43.929	46.032	50.220	49.678	46.141	44.606	42.953	90	88	85
								17.008	18.848	21.109	30.372	22.212	19.566	23.680	20.612	24.729	22.902	22.133	22.050	21.760	14	15	14
								17.842	18.284	17.942	22.658	19.910	14.259	14.824	12.550	13.360	12.531	11.122	12.517	9.394	170	146	143
								4.517	5.436	5.618	5.391	6.265	9.464	7.848	9.320	10.331	9.935	9.535	10.708	10.724	13	15	15
								3.018	3.401	3.200	3.200	3.352	2.260	2.921	2.277	2.251	2.079	1.780	2.288	1.744	129	133	129
								1.480	1.466	1.842	1.986	1.697	1.825	1.838	1.810	1.638	1.543	1.411	926	1.221	18	18	21
1.444	1.444	1.444	1.444	1.444	1.444	1.442	1.492	372.778	399.765	364.802	402.669	378.373	318.477	349.684	344.620	358.716	626.332	325.834	339.932	309.228	169	164	133
								77.563	88.922	93.239	100.964	90.703	103.016	114.616	113.442	136.994	125.342	114.608	128.792	132.061	12	14	13
1.444	1.444	1.444	1.444	1.444	1.444	1.442	1.492	450.341	488.687	458.041	503.633	469.076	421.493	464.299	458.061	495.710	751.674	461.442	468.724	441.289	180	178	146
422	422	422	422	422	422	422	422	38.429	40.724	41.961	48.549	50.995	28.217	51.814	56.173	56.098	56.687	45.468	47.572	42.861	87	88	80
								59.726	50.775	52.305	58.338	73.168	82.210	91.629	83.305	98.077	92.121	109.997	92.185	91.688	76	72	58
				113	113	113	113	18.059	17.605	14.041	20.125	17.290	13.964	13.041	11.462	8.979	14.642	14.413	14.453	14.561	458	401	412
								5.020	6.843	6.482	5.832	7.403	8.207	8.967	5.813	9.244	9.288	7.735	9.734	10.309	41	54	49
286	286	286	286	286	286	286	286	29.635	24.228	27.218	25.603	27.396	24.944	28.319	26.790	30.717	31.902	30.444	28.681	31.606	88	68	71
								9.308	9.348	9.869	15.285	14.713	10.706	11.509	8.069	8.411	8.041	4.889	5.316	4.565	290	253	309
								3.630	4.004	4.208	3.439	5.060	5.911	5.836	3.814	5.220	5.189	5.020	3.339	3.112	31	34	34
								28.005	27.726	23.484	33.532	32.075	23.738	25.317	22.931	21.954	23.135	17.627	17.865	15.540	308	271	244
231	231	231	207	207	207	207	207	21.591	22.565	26.015	23.152	27.546	26.336	31.673	29.170	31.060	29.008	29.923	28.490	26.156	120	120	147
								14.116	13.343	14.339	17.241	19.511	30.816	24.639	21.909	26.647	19.894	25.456	11.696	25.101	36	34	30
								9.000	11.500	14.400	15.650	12.834	9.290	11.235	9.522	6.241	6.749	5.016	6.177	5.134	158	238	262
								5.088	4.819	6.100	6.600	5.778	5.957	6.622	7.769	8.090	6.170	7.395	7.618	8.127	42	40	53
								46.711	45.560	41.885	52.344	62.384	40.644	35.980	41.418	41.099	39.590	35.796	38.187	27.403	243	215	203
								26.982	8.380	19.889	24.737	31.337	30.291	42.873	38.255	39.024	35.824	32.475	37.922	41.718	36	43	23
								16.214	15.870	15.115	21.282	19.822	15.053	15.542	13.117	9.980	10.900	8.542	4.980	5.773	188	164	153
								5.758	7.539	5.207	5.941	6.444	5.385	6.657	6.457	6.110	6.514	7.318	5.774	8.156	19	25	16
400	400	400	400	400	400	400	400	51.026	56.314	16.024	41.438	52.339	51.746	53.784	60.405	59.833	60.814	59.094	55.718	50.929	349	377	120
								18.377	18.242	13.473	14.377	19.766	20.044	18.785	18.100	22.213	21.714	17.589	15.536	17.327	60	60	40
208	208	208	208	208	192	192	192	25.601	26.075	26.772	24.547	23.426	20.842	25.285	24.624	25.802	29.502	25.954	25.992	21.068	124	126	129
								18.000	18.000	18.000	18.000	18.000	17.134	22.395	20.482	23.953	27.302	24.217	23.643	24.422	43	43	43
625	625	625	625	625	625	625	625	127.362	115.950	153.648	140.876	179.491	151.753	78.822	85.927	85.048	92.971	85.579	89.095	80.152	1.442	1.219	1.237
								138.097	126.394	140.747	76.005	315.542	132.000	120.909	128.307	267.479	242.460	270.545	231.004	289.367	592	517	468
939	2.172	2.525	2.463	2.546	2.530	2.245	2.245	420.940	413.466	410.432	462.382	520.311	417.231	382.318	389.606	385.223	403.940	362.744	362.527	325.749	309	280	260
								294.794	258.339	280.750	230.510	502.009	337.955	349.312	334.211	506.057	466.476	507.747	438.451	519.327	87	82	69
939	2.172	2.525	2.463	2.546	2.530	2.245	2.245	715.734	671.805	691.182	692.892	1.022.320	755.186	731.631	723.817	891.280	870.416	870.491	800.978	845.075	396	362	329
18.259	19.335	19.629	18.607	19.925	19.513	19.175	18.998	4.067.052	4.263.316	4.223.544	4.006.405	4.217.255	4.754.310	3.943.536	4.070.464	4.071.533	4.277.134	3.616.607	3.595.805	3.305.729	1.165	1.137	1.021
								1.518.736	1.521.593	1.714.157	1.674.298	1.984.819	1.962.440	2.117.920	2.017.572	2.257.391	2.293.306	2.219.158	2.118.726	2.222.809	175	176	164
18.259	19.335	19.629	18.607	19.925	19.513	19.175	18.998	5.585.788	5.784.909	5.937.700	5.680.703	6.202.074	6.716.750	6.061.456	6.088.036	6.328.925	6.570.440	5.835.766	5.714.531	5.528.538	1.340	1.313	1.185

Darstellung der witterungsbereinigten Energieverbräuche und -Kosten

spezif. Verbrauch in [kWh/(m ² *Jahr)]										CO ₂ -Emissionen										Einsparungen 2016-2017							
2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	FW- Leistung	Energie- verbrauch	Energie- kosten	CO ₂ - Reduktion	
78	64	74	78	79	78	71	67	70	88	1.248	1.243	1.168	1.074	887	1.025	1.070	1.097	1.081	984	931	961	1.216	0%	-27%	-12%	-27%	
21	21	22	23	24	23	22	24	25	25	653	638	653	651	672	695	718	745	713	690	762	778	785		-1%	-1%		
47	47	43	40	40						718	735	703	652	649	597	557	550	0									
17	17	17	17	15						523	510	566	537	526	539	526	475	0									
110	111	130	99	97	103	99	98	100	108	131	135	154	115	116	136	104	101	107	104	102	104	113	29%	-8%	8%	-8%	
10	10	8	9	10	9	10	10	10	10	24	27	27	25	24	20	22	24	22	24	24	23	24		-5%	-11%		
67	62	62	59	58	59	54	55	59	54	586	591	433	462	425	429	405	402	404	375	382	403	371	0%	8%	13%	8%	
17	19	20	19	18	19	19	23	22	22	289	302	280	269	297	309	298	287	292	291	355	346	342		1%	5%		
62	61	63	61	68	65	51	50	56	55	27	24	30	26	25	26	25	28	27	21	21	23	23	0%	0%	5%	0%	
22	21	21	22	23	24	25	25	26	26	17	16	16	21	20	20	21	22	23	23	24	24	24		0%	0%		
105	95	100	98	98	73	67	65	63	73	2.711	2.729	2.489	2.328	2.103	2.213	2.162	2.179	1.619	1.483	1.436	1.492	1.723	Vergleich der Jahre 2016 mit 2017				
30	31	31	32	31	21	20	23	23	23	1.506	1.493	1.543	1.503	1.540	1.583	1.584	1.553	1.051	1.028	1.164	1.171	1.176	3%	-16%	-3%	-15%	
135	126	131	129	129	94	87	88	86	96	4.217	4.222	4.031	3.832	3.643	3.796	3.746	3.732	2.670	2.511	2.600	2.663	2.899	3%	-11,8%	-1%	-9%	
108	91	73	70	64	68	56	57	64	71	242	250	248	236	198	160	154	140	148	122	125	139	155	0%	-12%	-1%	-12%	
16	23	16	16	16	16	17	17	18	17	67	73	81	79	113	81	77	82	80	86	86	91	85		7%	42%		
68	66	67	64	61	75	59	54	60	56	159	159	139	113	109	110	106	101	125	98	89	100	93	0%	7%	10%	7%	
9	8	9	9	8	8	9	10	10	9	32	39	33	33	30	36	34	30	31	34	36	38	35		8%	2%		
53	53	55	51	52	56	47	47	49	47	201	212	228	166	167	175	162	166	178	150	149	155	149	0%	4%	8%	4%	
7	7	6	7	6	7	7	7	6	7	42	56	49	50	47	44	52	45	51	50	48	40	47		-18%	-40%		
80	78	101	86	97	92	92	87	92	92	163	176	158	107	104	136	115	130	123	123	116	124	124	0%	0%	6%	0%	
16	16	14	7	9	7	7	6	8	8	42	56	49	50	47	44	21	27	22	22	19	25	26		-3%	-22%		
76	74	73	69	57	58	74	71	78	67	379	349	279	230	225	221	209	171	176	223	215	235	201	13%	14%	21%	14%	
20	21	20	19	18	20	15	16	17	12	122	134	135	140	143	137	134	126	135	103	112	118	83		30%	35%		
71	72	76	79	71	77	66	65	69	67	311	311	277	214	218	229	238	214	231	200	196	209	202	0%	4%	9%	4%	
10	8	8	9	9	8	10	7	10	9	70	71	71	70	55	57	60	60	58	65	49	66	59		10%	7%		
71	74	73	66	59	59	56	52	55	53	142	201	203	172	178	177	160	142	143	135	126	133	128	0%	4%	9%	4%	
7	8	10	8	8	8	8	8	8	10	40	48	41	39	45	53	46	46	42	43	42	45	52		-15%	-25%		
111	92	93	91	97	104	79	68	52	51	318	259	291	216	179	181	140	189	202	153	105	81	80		2%	24%	2%	
8	8	7	7	7	7	8	9	8	7	28	31	25	34	36	30	31	32	32	35	40	37	31		16%	17%		
55	50	55	52	55	54	51	50	54	55	230	210	175	168	154	170	160	168	167	158	153	166	167	0%	-1%	5%	-1%	
6	6	5	8	7	7	7	7	7	11	52	50	40	42	42	35	53	50	49	47	49	48	79		-65%	-76%		
77	71	75	78	82	77	66	67	76	70	0	0	0	0	0	0												
9	9	6	11	13	11	12	11	11	11	487	505	465	387	358	378	173	181	171	146	149	168	155	0%	8%	12%	8%	
										47	44	48	51	51	33	53	67	53	58	57	56	55		1%	-5%		
81	78	84	88	78	74	63	65	69	70	381	403	365	333	322	346	364	322	305	262	268	284	288	0%	-1%	5%	-1%	
11	10	8	10	10	9	9	9	11	10	89	103	94	103	91	71	91	98	85	84	85	99	90		10%	5%		
69	63	59	61	67	65	57	61	64	64	188	211	190	166	151	142	147	161	156	136	147	155	154	0%	1%	7%	1%	

Darstellung der witterungsbereinigten Energieverbräuche und -Kosten

spezif. Verbrauch in [kWh/(m ² *Jahr)]										CO ₂ -Emissionen										Einsparungen 2016-2017							
2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	FW- Leistung	Energie- verbrauch	Energie- kosten	CO ₂ - Reduktion	
t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a					
13	15	15	8	5	8	8	10	10	9	48	49	53	69	83	82	43	29	44	44	54	53	51		5%	7%		
53	56	58	61	58	59	55	54	57	56	261	254	212	181	189	195	205	195	199	186	182	194	190	0%	2%	8%	2%	
18	18	18	16	17	18	17	16	17	18	261	245	158	137	138	137	124	133	137	128	121	130	138		-6%	-6%		
54	52	65	63	64	62	51	46	48	40	248	233	198	180	174	219	211	214	208	172	155	161	135	24%	16%	24%	16%	
8	9	9	11	7	7	6	7	8	8	37	36	40	62	71	72	85	56	53	45	50	63	63		0%	0%		
74	87	82	84	83	80	76	78	67	69	296	266	194	175	208	195	159	198	190	181	148	127	131		-3%	20%	-3%	
9	9	9	10	7	8	8	8	7	8	47	62	44	49	50	47	55	37	44	43	42	40	43		-9%	-22%		
92	95	90	95	98	100	89	95	87	102	199	216	172	161	166	158	133	172	174	156	133	122	143		-17%	9%	-17%	
13	15	17	15	14	19	19	17	15	18	75	74	66	53	59	69	61	56	77	74	66	60	70		-15%	-7%		
89	80	71	95	97	88	92	80	74	77	144	146	152	161	145	129	172	177	159	168	144	134	140	0%	-4%	4%	-4%	
6	7	8	7	8	10	9	9	9	9	34	61	23	26	28	32	30	32	42	37	37	37	38		-3%	-11%		
60	59	61	60	62	63	55	53	53	59	254	229	193	175	173	178	175	180	182	161	155	154	171	0%	-11%	-1%	-11%	
8	9	10	7	7	8	8	8	8	8	50	50	52	50	58	63	49	49	56	53	52	56	51		9%	3%		
65	63	67	68	69	70	64	55	58	62	222	210	168	154	148	157	160	163	166	152	130	137	145	0%	-6%	2%	-6%	
7	7	7	8	6	7	7	8	7	8	35	35	33	37	35	38	40	34	35	38	44	38	44		-17%	-27%		
88	73	71	61	62	61	60	59	66	66	424	461	355	265	221	216	185	188	185	182	180	199	201	0%	-1%	5%	-1%	
14	16	15	15	10	13	12	13	14	14	97	116	98	96	109	104	105	67	86	85	89	96	96		-1%	-10%		
85	75	76	81	81	76	65	60	77	65	328	328	324	310	273	277	296	297	279	239	219	281	239		15%	18%	15%	
16	13	13	14	14	12	14	14	14	12	89	82	82	130	108	111	115	115	103	113	112	112	101		10%	7%		
37	39	49	49	44	47	48	42	44	43	174	172	184	174	182	228	230	205	220	226	198	206	201	0%	3%	8%	3%	
6	6	7	8	8	8	8	6	9	10	82	78	84	65	65	78	88	87	89	86	65	94	109		-16%	-19%		
58	59	63	63	61	60	51	50	52	52	228	213	162	149	153	163	162	158	155	133	130	134	135	0%	-1%	5%	-1%	
9	9	8	9	9	9	9	9	8	8	46	53	46	51	51	46	51	50	51	53	51	50	47		5%	-1%		
102	101	100	110	103	110	106	92	90	92	276	278	267	203	202	200	174	205	219	211	145	142	146		-2%	21%	-2%	
13	12	14	11	17	18	18	18	18	18	50	69	53	58	54	64	51	77	83	79	80	82	81		1%	1%		
176	162	141	135	123	129	132	116	98	95	669	690	598	688	633	553	421	480	505	517	362	307	297		3%	27%	3%	
37	41	42	41	35	32	27	27	23	21	338	340	322	331	361	373	360	312	285	238	239	204	188		8%	11%		
65	62	62	61	63	67	56	57	58	60	296	297	242	198	190	189	187	194	206	171	175	176	182	0%	-3%	5%	-3%	
7	9	7	7	7	6	7	7	7	7	44	41	46	48	60	51	51	46	40	45	46	48	50		-4%	-10%		
95	82	103	105	94	88	67	63	67	65	620	617	653	532	458	574	468	522	491	373	282	299	363	0%	3%	8%	-21%	
19	19	20	19	18	18	17	16	16	16	242	251	245	241	238	248	237	228	229	216	201	201	203		-1%	-10%		
75	71	76	66	60	61	56	58	66	63	306	247	182	159	151	162	142	128	131	120	124	140	134	0%	5%	10%	5%	
0	9	12	10	11	10	10	10	10	9	1	1	1	1	43	59			46	47	48	50	45		10%	-8%		
55	59	61	53	55	55	53	50	52	53	322	265	226	198	211	217	191	197	198	189	180	187	190	0%	-1%	6%	-1%	
6	5	6	6	5	7	7	7	8	8	41	51	44	45	44	51	47	42	54	53	60	66	62		6%	0%		
114	106	95	99	87	92	108	102	106	102	166	173	177	163	151	135	142	124	131	153	145	151	145	0%	4%	8%	4%	
22	22	23	22	21	22	26	19	20	30	63	69	69	72	73	74	72	68	71	85	60	63	97		-53%	-43%		
69	65	58	50	50	51	62	61	64	62	502	506	409	206	194	175	150	149	155	188	185	191	187	0%	2%	8%	2%	
7	9	8	11	8	7	9	20	21	12	62	62	57	51	59	54	75	57	46	58	137	142	79		44%	40%		
										258	248	159	148	149	147	158	164										
										66	65	53	58	73	76	70	72										
81	81	89	83	78	94	80	76	79	86	291	284	266	229	231	253	237	222	266	226	216	225	243	0%	-8%	1%	-8%	
18	19	17	18	18	18	19	17	17	19	165	127	121	129	136	122	126	129	125	131	121	118	130		-11%	-5%		
168	175	184	149	139	140	131	129	130	117	212	213	214	214	222	233	189	177	178	167	163	165	149	0%	10%	13%	10%	
										0	0	0	0	0	0				0	0	0	0					
35	30	32	33	33	33	47	44	48	51	158	155	158	135	117	125	127	127	130	184	170	186	198	0%	-7%	2%	-7%	

Darstellung der witterungsbereinigten Energieverbräuche und -Kosten

spezif. Verbrauch in [kWh/(m ² *Jahr)]										CO ₂ -Emissionen										Einsparungen 2016-2017							
2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	FW-Leistung	Energieverbrauch	Energiekosten	CO ₂ -Reduktion	
t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a	t/a				
14	22	23	23	24	23	21	21	22	21	214	174	177	122	192	205	202	214	200	186	189	195	188		4%	-3%		
64	62	59	60	55	52	48	41	43	44	136	154	134	104	100	95	98	89	85	77	67	70	71	0%	-1%	4%	-1%	
8	9	9	8	8	8	8	8	9	8	24	29	32	29	33	34	31	29	29	31	30	31	31		3%	-4%		
64	61	59	68	66	64	50	58	57	59	324	311	293	273	262	252	290	282	275	213	247	243	254	0%	-4%	3%	-4%	
15	16	14	15	15	18	20	19	18	19	146	148	151	150	154	140	145	142	175	195	185	172	182		-6%	-4%		
73	73	67	67	57	55	47	53	52	52	344	348	319	301	301	279	280	238	230	197	220	215	218	0%	-1%	5%	-1%	
12	9	8	9	9	8	9	9	9	10	98	93	86	111	87	78	85	83	80	81	86	87	91		-5%	-5%		
77	56	76	73	65	71	61	63	61	59	425	352	283	262	188	258	197	221	240	205	170	164	160		2%	25%	2%	
11	11	11	11	11	11	10	9	9	10	147	117	87	84	81	82	81	82	83	80	71	70	76		-8%	-10%		
128	125	92	62	57	58	51	39	71	58	177	155	156	155	151	111	60	68	70	62	37	68	56		17%	35%	17%	
										0	0	0	0	0	0												
54	59	61	66	49	53	46	41	46	42	253	252	193	179	195	202	216	162	173	152	136	151	138	0%	8%	11%	8%	
10	8	8	8	7	8	8	7	7	8	69	69	62	75	57	61	62	54	63	60	55	55	61		-9%	-3%		
54	56	61	57	68	66	51	47	59	51	140	148	128	106	110	121	111	134	130	100	93	116	101	0%	13%	15%	13%	
8	9	7	7	7	7	9	8	8	8	31	43	37	38	39	32	31	32	32	40	38	37	37		0%	0%	-6%	
105	99	100	102	103	107	97	81	92	93	383	407	389	336	315	320	324	328	340	309	259	294	295	0%	0%	7%	0%	
26	18	17	19	17	20	19	20	20	20	142	144	141	188	129	120	139	126	144	141	144	148	148		0%	0%	5%	
45	47	47	46	47	43	38	36	37	36	304	192	184	149	156	154	151	156	142	124	117	121	117	0%	3%	7%	3%	
12	8	8	8	8	8	7	8	8	8	74	67	61	88	62	57	60	59	58	56	63	63	63		0%	0%	1%	
33	40	38	36	31	23	25	12	13	13	75	72	55	57	69	65	49	53	39	43	16	17	17		0%	22%	0%	
										0	0	0	0	0	0												
239	207	226	185	122	126	128	131	136	135	664	676	631	584	504	552	360	298	308	313	254	265	263		1%	23%	1%	
15	15	17	15	14	14	14	16	13	13	158	177	194	164	167	181	168	157	148	155	173	141	146		-4%	-8%		
199	187	175	180	172	176	190	161	181	190	459	461	458	485	456	427	350	419	430	464	393	442	464	0%	-5%	3%	-5%	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0												
82	78	79	78	73	74	69	65	68	67	13.014	11.647	10.171	9.656	9.915	8.939	8.949	8.880	8.155	7.377	7.692	7.649	8.112	Vergleich der Jahre 2016 mit 2017				
91	94	93	92	88	89	88	89	90	89	5.153	4.962	4.111	3.438	4.637	3.584	3.486	4.171	4.181	3.119	3.434	3.466	3.453	1%	1%	10%	-6%	
83	80	81	79	75	76	71	68	71	70	18.166	16.609	14.282	13.094	14.551	12.523	12.435	13.051	12.336	10.497	11.125	11.115	11.565	1%	1,0%	6%	-4%	
96	73	83	77	76	74	73	74	79	87	61	61	33	47	36	40	37	37	36	35	36	38	42	-57%	-11%	-13%	-11%	
21	23	17	15	21	16	17	22	17	17	29	33	25	23	25	19	17	23	18	18	24	19	18		2%	0%		
89	81	80	75	74	76	72	70	74	72	125	128	110	91	83	81	76	75	77	73	71	75	73	0%	2%	6%	2%	
9	9	12	14	22	15	13	14	13	12	28	27	18	20	20	27	32	51	34	31	31	30	28		6%	1%		
119	124	128	130	125	129	116	113	112	12	50	38	35	32	34	35	35	34	35	31	31	30	3	0%	89%	0%	89%	
19	19	23	22	23	25	17	17	27	28	20	7	13	12	11	14	13	14	16	11	10	17	17		-4%	-10%		
83	88	95	94	91	95	95	87	87	84	181	170	155	142	150	163	160	155	162	162	148	148	143	0%	3%	8%	3%	
9	9	10	12	5	10	10	11	9	11	38	29	29	34	35	39	48	18	39	39	41	34	42		-23%	-30%		
198	221	233	210	223	222	219	213	262	278	136	153	75	82	91	96	87	92	92	90	88	108	115	0%	-6%	2%	-6%	
24	16	12	15	24	10	13	9	13	14	15	25	19	23	15	12	14	23	9	12	9	12	13		-6%	-11%		
96	88	90	84	81	78	77	77	86	89	110	116	111	94	86	88	82	79	76	76	75	84	87	0%	-3%	3%	-3%	
8	8	12	12	12	12	8	11	10	10	14	18	18	18	18	27	26	27	27	18	24	23	22		3%	-2%		
266	216	235	257	211	210	209	196	227	241	662	663	513	474	386	419	366	376	375	373	278	323	429		-6%	18%	-33%	
12	12	11	12	10	12	11	11	12	9	12	51	47	47	47	46	47	42	50	44	46	47	38		19%	14%		
162	153	199	150	147	145	142	120	119	121	62	45	26	66	62	81	49	60	59	58	39	39	39		-1%	21%	-1%	
33	27	29	24	19	18	23	24	28	24	27	29	37	30	25	26	22	18	16	21	22	26	22		13%	8%		
108	105	109	111	110	100	89	95	115	105	36	35	30	31	30	31	32	31	28	25	27	33	30	0%	9%	11%	9%	

Darstellung der witterungsbereinigten Energieverbräuche und -Kosten

spezif. Verbrauch in [kWh/(m ² *Jahr)]										CO2-Emissionen										Einsparungen 2016-2017						
2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	FW-Leistung	Energieverbrauch	Energiekosten	CO ₂ -Reduktion
20	17	13	13	13	13	12	11	11	15	10	12	11	13	11	8	8	8	8	8	7	7	9		-31%	-37%	
100	103	99	101	108	101	79	89	99	87	69	55	52	48	49	47	49	52	49	38	42	47	42	0%	12%	14%	12%
81	76	72	75	72	73	70	69	71	74	196	192	184	177	165	156	164	156	159	153	151	154	161	0%	-4%	4%	-4%
22	15	13	14	13	13	11	12	13	13	68	75	71	109	75	63	69	64	64	55	60	65	62		4%	1%	
127	121	108	100	94	101	96	93	102	98	102	88	86	76	72	65	48	57	61	57	44	49	47		4%	25%	4%
15	17	23	17	20	20	18	19	20	19	17	21	20	20	23	31	23	28	27	25	25	27	25		5%	0%	
126	86	76	89	87	87	80	72	92	89	15	15	15	15	10	9	8	10	10	9	7	9	8		4%	24%	4%
23	19	19	18	16	14	13	13	8	11	5	5	6	6	5	5	5	4	4	3	3	2	3		-26%	-32%	
128	117	122	122	113	114	110	105	116	116	1.805	1.760	1.424	1.373	1.253	1.310	1.193	1.214	1.218	1.181	1.036	1.137	1.220	Vergleich der Jahre 2016 mit 2017			
15	13	13	14	14	14	12	13	14	13	283	332	315	355	310	316	324	319	312	285	302	307	301	-3%	0%	9%	-7%
143	130	135	137	128	128	123	119	130	129	2.088	2.092	1.740	1.728	1.563	1.627	1.517	1.532	1.530	1.466	1.338	1.445	1.521	-3%	0,2%	6%	-5%
104	100	95	103	105	96	91	71	82	75	141	142	130	168	161	153	166	169	155	147	115	133	122	0%	9%	10%	9%
65	81	81	82	76	79	69	92	85	80	277	262	214	236	296	297	298	277	290	253	336	311	291		6%	1%	
317	289	305	254	248	190	266	147	160	176	96	84	86	66	60	64	42	52	40	56	24	27	29	0%	-10%	-1%	-10%
45	56	56	56	32	51	49	43	58	58	19	26	23	22	27	27	27	15	24	23	21	28	27		0%	-6%	
65	68	69	71	60	69	66	68	66	86	95	73	77	70	73	74	77	64	74	71	74	71	92	0%	-30%	-10%	-30%
										0	0	0	0	0	0	0	0	0	0	0	0	0				
323	307	290	279	227	221	212	147	152	168	49	42	52	54	51	49	37	38	37	36	20	20	23		-10%	14%	-10%
28	48	44	46	26	32	31	31	22	19	12	13	13	11	18	17	17	10	12	12	12	8	7		12%	7%	
237	220	202	187	156	148	156	147	145	162	183	161	144	141	131	120	88	92	88	93	69	68	76		-12%	13%	-12%
										0	0	0	0	0	0	0	0	0	0	0	0	0				
110	116	123	143	115	119	102	117	117	113	91	92	112	84	89	94	109	88	90	78	89	89	86	0%	4%	8%	4%
37	37	65	44	40	43	31	43	25	41	62	59	52	63	64	112	77	69	75	53	75	43	72		-65%	-115%	
272	254	242	263	244	152	167	143	173	185	27	41	45	47	44	42	36	42	26	29	20	24	26		-7%	17%	-7%
60	53	49	50	59	54	35	50	55	46	17	16	21	24	21	19	20	23	21	14	20	22	18		16%	-7%	
211	199	157	120	136	135	130	134	139	128	330	292	276	288	270	214	131	185	183	177	145	151	139		8%	28%	8%
28	36	33	43	38	35	30	49	48	41	113	133	71	86	112	103	132	118	109	92	150	148	126		15%	-10%	
148	132	132	122	115	86	96	82	46	69	98	86	80	77	69	69	51	60	45	50	34	19	29		-51%	-16%	-51%
19	20	15	17	16	12	13	15	12	16	22	29	19	22	23	17	20	19	14	15	17	14	19		-34%	-41%	
290	336	375	356	374	340	341	350	345	338	182	197	62	151	175	196	148	195	177	178	182	180	176	0%	2%	9%	2%
41	57	55	47	48	48	47	36	28	40	71	71	47	49	68	65	55	57	57	55	42	33	47		-43%	-12%	
119	105	103	118	105	105	116	112	121	85	65	66	67	62	55	54	49	55	55	61	58	63	44	0%	30%	19%	30%
43	43	43	59	56	50	55	59	54	59	51	51	51	51	51	51	69	66	60	65	69	64	70		-9%	-3%	
1.134	867	733	520	519	477	513	501	566	534	752	636	645	592	452	382	216	271	249	268	261	295	279	0%	6%	10%	6%
1.323	1.163	290	266	358	676	572	651	620	777	701	612	554	1.567	1.377	343	314	424	800	677	771	734	920		-25%	-25%	
264	239	221	198	192	179	182	172	179	176	2.108	1.911	1.777	1.800	1.631	1.511	1.151	1.311	1.219	1.242	1.093	1.141	1.121	Vergleich der Jahre 2016 mit 2017			
138	133	68	66	70	95	81	98	91	103	1.346	1.273	1.064	2.131	2.058	1.051	1.029	1.079	1.463	1.261	1.513	1.405	1.597	0%	1%	10%	2%
402	372	289	265	262	273	263	269	270	279	3.454	3.184	2.840	3.931	3.689	2.562	2.180	2.390	2.683	2.503	2.605	2.547	2.718	0%	-3,7%	-6%	-7%
928	867	882	858	817	785	736	701	728	734	18.047	18.047	15.861	15.158	14.902	13.973	13.455	13.584	12.212	11.283	11.256	11.419	12.176	Vergleich der Jahre 2016 mit 2017			
195	195	169	169	165	163	155	167	165	169	8.060	8.060	7.033	7.427	8.545	6.534	6.423	7.122	7.008	5.693	6.412	6.350	6.527	1%	-1%	8%	-7%
1.122	1.061	1.051	1.027	982	948	891	867	893	904	26.108	26.108	22.894	22.585	23.447	20.507	19.878	20.705	19.219	16.976	17.668	17.769	18.703	1%	-1,2%	3%	-5%