

Central Eastern Europe

GRIP

ANNEX C: DEMAND DATA



High Daily Demand – Design Case 2014–2023 (in GWh/d)										
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
AUSTRIA	733	735	756	757	778	798	827	827	827	849
BULGARIA	187	194	218	224	236	242	247	256	257	257
CROATIA	74	74	74	81	100	101	101	102	103	104
CZECH REPUBLIC	790	790	822	862	862	862	902	902	902	902
GERMANY	5,015	4,904	4,917	4,865	4,846	4,787	4,761	4,709	4,702	4,709
HUNGARY	897	902	997	1,047	1,088	1,113	1,111	1,112	1,113	1,124
POLAND	855	897	1,004	1,118	1,224	1,242	1,261	1,276	1,291	1,307
ROMANIA	756	756	756	756	756	756	756	756	756	756
SLOVAKIA	400	431	447	448	448	448	448	448	448	448
SLOVENIA	66	67	69	81	90	92	102	104	106	106
TOTAL	9,772	9,750	10,060	10,240	10,428	10,441	10,516	10,492	10,505	10,562

High Daily Demand – Uniform Risk 2014–2023 (in GWh/d)										
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
AUSTRIA	733	735	756	757	778	798	827	827	827	849
BULGARIA	187	194	218	224	236	242	247	256	257	257
CROATIA	74	74	74	81	100	101	101	102	103	104
CZECH REPUBLIC	799	799	831	871	871	871	911	911	911	911
GERMANY	5,015	4,904	4,917	4,865	4,846	4,787	4,761	4,709	4,702	4,709
HUNGARY	954	959	1,055	1,105	1,146	1,171	1,169	1,170	1,171	1,182
POLAND	716	756	861	970	1,073	1,088	1,104	1,117	1,129	1,142
ROMANIA	718	718	718	718	718	718	718	718	718	718
SLOVAKIA	400	431	447	448	448	448	448	448	448	448
SLOVENIA	63	64	66	78	87	89	98	100	102	102
TOTAL	9,659	9,634	9,942	10,117	10,302	10,313	10,384	10,357	10,368	10,422

High Daily Demand – 14-Days Average 2014–2023 (in GWh/d)										
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
AUSTRIA	733	735	756	757	778	798	827	827	827	849
BULGARIA	157	163	181	186	196	201	204	213	214	215
CROATIA	74	74	74	81	100	101	101	102	103	104
CZECH REPUBLIC	688	688	715	755	755	755	795	795	795	795
GERMANY	4,518	4,418	4,430	4,383	4,365	4,313	4,289	4,242	4,236	4,242
HUNGARY	854	859	954	1,004	1,045	1,070	1,068	1,069	1,070	1,081
POLAND	672	712	816	924	1,026	1,041	1,055	1,067	1,079	1,091
ROMANIA	687	687	687	687	687	687	687	687	687	687
SLOVAKIA	356	384	398	399	399	399	399	399	399	399
SLOVENIA	56	57	67	70	78	80	90	91	93	93
TOTAL	8,795	8,777	9,078	9,246	9,430	9,444	9,515	9,492	9,503	9,555

Yearly Average Demand 2014–2023 (in GWh/d)										
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
AUSTRIA	275	276	283	299	321	336	348	348	347	346
BULGARIA	94	98	109	113	119	122	124	129	129	130
CROATIA	74	74	74	81	100	101	101	102	103	104
CZECH REPUBLIC	275	309	311	337	337	337	362	362	362	362
GERMANY	2,340	2,290	2,296	2,271	2,263	2,238	2,222	2,200	2,195	2,197
HUNGARY	302	308	337	373	400	433	435	436	436	436
POLAND	485	505	556	629	716	752	759	764	767	771
ROMANIA	395	395	395	395	395	395	395	395	395	395
SLOVAKIA	190	202	195	193	195	198	201	203	206	206
SLOVENIA	28	28	32	33	38	39	43	44	45	45
TOTAL	4,457	4,485	4,588	4,722	4,883	4,950	4,990	4,983	4,984	4,992

Indigenous Production 2014–2023 National Production – Yearly figures (in GWh/y)										
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
AUSTRIA	17,066	16,328	15,449	14,536	13,806	13,399	12,966	12,571	12,189	12,189
BULGARIA	8,311	13,456	13,456	13,456	12,939	11,907	13,456	15,005	15,734	16,043
CROATIA	22,443	21,658	20,904	20,180	18,788	17,504	15,754	14,481	13,312	13,312
CZECH REPUBLIC	2,610	3,152	3,001	2,609	1,952	1,392	1,031	822	660	587
GERMANY	99,000	95,000	96,000	94,000	89,000	81,000	73,000	66,000	63,000	59,000
HUNGARY	16,802	16,392	15,568	14,066	12,600	10,351	8,209	7,223	6,116	6,116
POLAND	36,399	36,399	36,399	36,399	36,399	36,399	36,399	36,399	36,399	36,399
ROMANIA	102,690	99,960	98,385	96,810	95,025	79,485	77,490	74,865	72,345	72,345
SLOVAKIA	1,713	1,712	1,710	1,708	1,707	1,707	1,707	1,707	1,707	1,707
SLOVENIA	–	–	–	–	–	–	–	–	–	–
TOTAL	307,034	304,057	300,872	293,764	282,216	253,144	240,012	229,074	221,461	217,698

Indigenous Production 2014–2023 National Production – Daily maximum (in GWh/y)										
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
AUSTRIA	50	47	45	42	40	39	38	37	35	35
BULGARIA	23	37	37	37	35	33	37	41	43	44
CROATIA	55	53	51	49	46	43	38	35	32	32
CZECH REPUBLIC	7	9	8	7	5	4	3	2	2	2
GERMANY	304	292	295	289	274	249	225	203	194	181
HUNGARY	74	72	68	62	56	45	37	32	26	26
POLAND	100	100	100	100	100	100	100	100	100	100
ROMANIA	311	303	295	285	275	265	255	245	235	235
SLOVAKIA	3	3	3	3	3	3	3	3	3	3
SLOVENIA	–	–	–	–	–	–	–	–	–	–
TOTAL	927	916	902	874	833	780	736	698	670	659

Summer Average Demand 2014–2023 (in GWh/d)										
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
AUSTRIA	170	170	174	184	198	207	215	214	214	213
BULGARIA	65	68	76	79	83	85	87	90	90	91
CROATIA	52	52	52	57	71	71	72	72	73	73
CZECH REPUBLIC	143	160	161	175	175	175	188	188	188	188
GERMANY	1,591	1,557	1,561	1,544	1,539	1,522	1,511	1,496	1,492	1,494
HUNGARY	167	170	187	206	221	240	241	241	241	241
POLAND	383	398	439	496	565	593	598	602	605	608
ROMANIA	246	246	246	246	246	246	246	246	246	246
SLOVAKIA	104	110	106	105	106	108	109	111	112	112
SLOVENIA	20	20	23	23	27	28	31	31	32	32
TOTAL	2,941	2,951	3,025	3,115	3,231	3,275	3,298	3,291	3,293	3,298

Winter Average Demand 2014–2023 (in GWh/d)										
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
AUSTRIA	381	382	392	414	444	466	482	482	481	480
BULGARIA	122	127	142	147	155	158	162	168	168	170
CROATIA	96	96	96	105	129	130	131	132	133	134
CZECH REPUBLIC	408	458	462	500	500	500	537	537	537	537
GERMANY	3,092	3,027	3,034	3,001	2,990	2,958	2,936	2,907	2,900	2,904
HUNGARY	437	446	489	540	579	627	630	632	632	632
POLAND	588	613	674	762	868	911	920	926	930	935
ROMANIA	543	543	543	543	543	543	543	543	543	543
SLOVAKIA	277	295	284	281	284	288	292	296	300	300
SLOVENIA	36	36	42	43	50	50	56	57	58	58
TOTAL	5,980	6,023	6,158	6,336	6,542	6,631	6,689	6,680	6,682	6,693



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