

Medios de producción, transporte y distribución

II. 1. 1. Clasificación de las centrales

CENTRALES	INTERVALOS DE POTENCIA							TOTAL
	DE MENOS DE 1.000 KW	DE 1.000 A 4.999 KW	DE 5.000 A 19.999 KW	DE 20.000 A 49.999 KW	DE 50.000 A 99.999 KW	DE 100.000 A Y MAS KW		
SERVICIO PUBLICO								
HIDROELECTRICAS	612	156	99	48	32	25	972	
CONVENCIONALES	33	7	15	9	6	31	101	
TERMOELECTRICAS	0	0	0	0	0	3	3	
NUCLEARES								
TOTAL	645	163	114	57	38	59	1.076	
AUTOPRODUCTORAS								
HIDROELECTRICAS	244	25	11	4	2	0	286	
CONVENCIONALES	26	44	25	6	1	1	103	
TERMOELECTRICAS	0	0	0	0	0	0	0	
NUCLEARES								
TOTAL	270	69	36	10	3	1	389	
TOTAL GENERAL								
HIDROELECTRICAS	856	181	110	52	34	25	1.258	
CONVENCIONALES	59	51	40	15	7	32	204	
TERMOELECTRICAS	0	0	0	0	0	3	3	
NUCLEARES								
TOTAL	915	232	150	67	41	60	1.465	

II. 1. 2. Potencia instalada en las centrales

	POTENCIA EN KW	31.12.75	TERMOELECTRICA			T O T A L E S
			HIDROELECTRICA	CONVENCIONAL	NUCLEAR	
POTENCIA EN KW	31.12.75	.....	11.953.472	12.393.299	1.120.000	25.466.771
PUESTA EN SERVICIO EN 1976	.....	.....	549.153 (1)	759.650 (2)	0	1.308.803
DADA DE BAJA EN 1976	.....	.....	5.975	178.945 (3)	0	184.920
AUMENTO DE POTENCIA EN 1976	.....	.....	543.178	580.705	0	1.123.883
POTENCIA EN KW	31.12.76	.....	12.496.650	12.974.004	1.120.000	26.590.654
POTENCIA EN KVA	31.12.75	.....	14.610.878	15.336.065	1.376.500	31.323.443
PUESTA EN SERVICIO EN 1976	.....	.....	677.079 (1)	881.764 (2)	0	1.558.143
DADA DE BAJA EN 1976	.....	.....	13.852	270.143 (3)	0	283.995
AUMENTO DE POTENCIA EN 1976	.....	.....	663.227	610.921	0	1.274.148
POTENCIA EN KVA	31.12.76	.....	15.274.105	15.946.986	1.376.500	32.597.591

(1) Puesta en marcha de los grupos 1º, 2º y 3º en la Central CEDILLO (412.500 kVA y 330.000 kW) de HIDROELECTRICA ESPAÑOLA y 5º de VILLARINO (168.750 kVA y 135.000 kW) y 3º de COMISO (95.000 kVA y 76.000 kW) pertenecientes a IBERDUERO

(2) Puesta en marcha del grupo 1º en la Central PUENTES - 1.400 (369.000 kVA y 350.000 kW) de ENDESA, 3º de SAN ADRIAN (437.000 kVA y 350.000 kW) de FECSA y 4º de CADELARIA VAPOR (50.000 kVA y 40.000 kW) de UNELCO.

(3) Baja de los 4 grupos de COMPOSTILLA I (208.750 kVA y 167.000 kW) de ENDESA.

II. 2. INSTALACIONES DE TRANSPORTE Y DISTRIBUCION

TENSIONES NOMINALES LIMITES DE LOS INTERVALOS EN KV	TENSION NORMALIZADA EN EL INTERVALO EN KV	LONGITUD DE LINEAS ELECTRICAS		TRANSFORMADORES REDUCTORES	
		AERIAS EN KM	SUBTERANEAS EN KM	NUMERO	CAPACIDAD TOTAL EN KVA
MENOS DE 1	-	124.242	16.589	0	0
DESDE 1 HASTA 4,5	3	3.038	177	1.774	146.107
MAS DE 4,5 HASTA 8	6	13.498	2.191	13.690	2.767.570
MAS DE 8 HASTA 12,5	10	21.899	3.225	19.128	4.358.739
MAS DE 12,5 HASTA 17,5	15	51.069	5.660	42.218	9.682.442
MAS DE 17,5 HASTA 25	20	39.950	4.131	29.123	8.060.881
MAS DE 25 HASTA 37,5	30	7.135	268	1.241	2.504.824
MAS DE 37,5 HASTA 55,5	45	11.162	315	993	5.798.160
MAS DE 55,5 HASTA 99	66	9.875	119	610	6.737.979
MAS DE 99 HASTA 176	132	16.473	76	794	22.240.629
MAS DE 176 HASTA 300	220	13.464	6	266	23.694.985
MAS DE 300	380	6.203	0	49	13.399.830
T O T A L E S		318.598	32.757	109.886	99.392.146

III

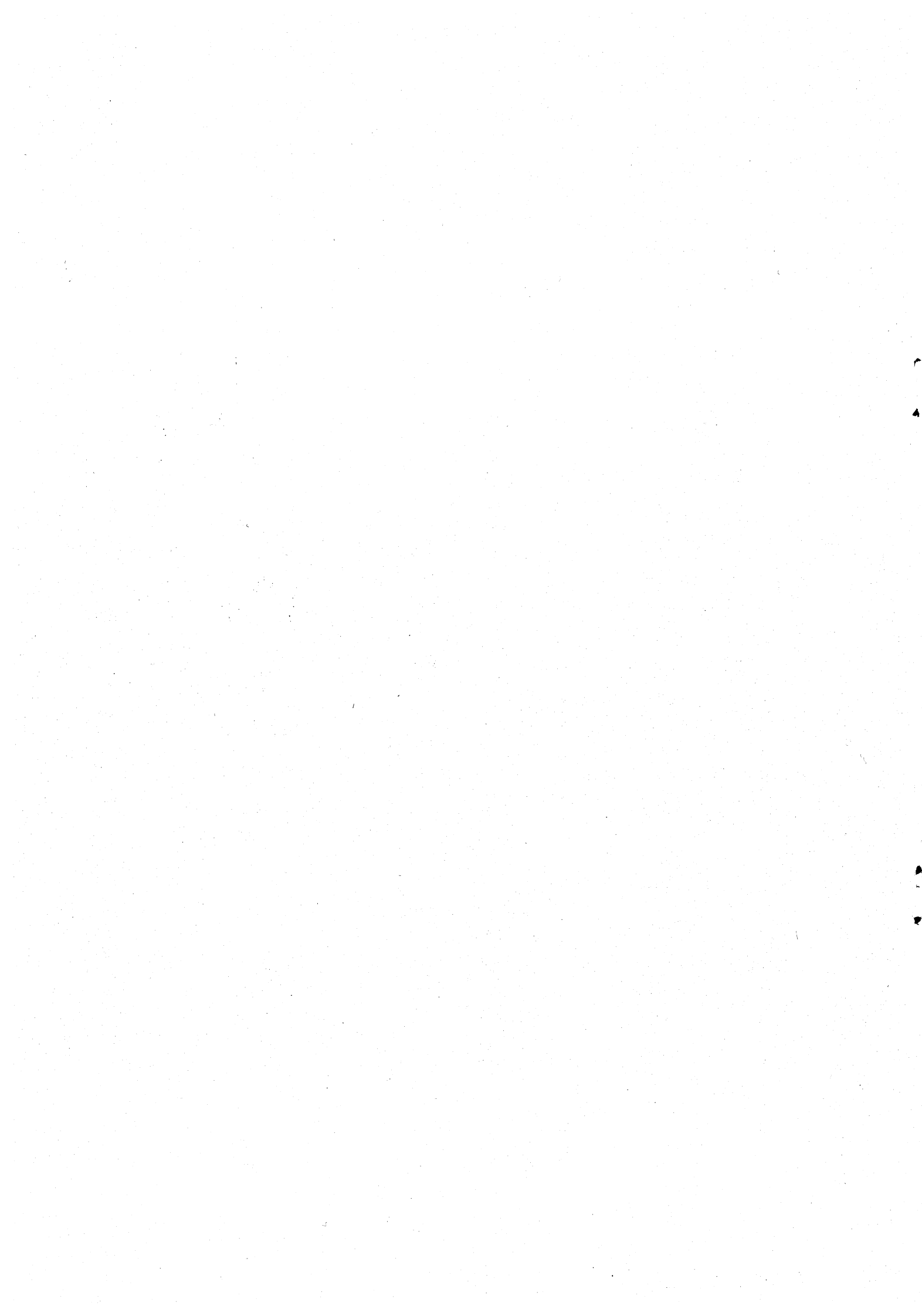
Personal ocupado en la industria

III.1. ESTRUCTURA DEL EMPLEO

ACTIVIDAD	PERSONAL			HORAS TRABAJADAS		
	NO REMUNERADO	TECNICOS, ADMINIST. Y OBREROS	TOTAL	NO REMUNERADAS	REMUNERADAS	TOTAL
PRODUCCION						
HOMBRES	133	2.433	9.867	12.433		
MUJERES	16	117	65	198		
TOTAL	149	2.550	9.932	12.631	22.310.442	22.471.185
TRANSPORTE Y DISTRIBUCION						
HOMBRES	305	7.327	19.412	27.044		
MUJERES	55	390	84	529		
TOTAL	360	7.717	19.496	27.573	41.468.351	41.813.730
SERVICIOS GENERALES						
HOMBRES	43	10.852	3.855	14.750		
MUJERES	5	1.514	152	1.671		
TOTAL	48	12.366	4.007	16.421	13.247.073	13.304.742
TOTAL						
HOMBRES	481	20.612	33.134	54.227		
MUJERES	76	2.021	301	2.398		
TOTAL	557	22.633	33.435	56.625	77.025.866	77.589.657

III. 2. DISTRIBUCION DEL PERSONAL OCUPADO POR PROVINCIAS

PROVINCIAS	PERSONAL			HORAS TRABAJADAS		
	NO REMUNERADO	TECNICOS, ADMINIST. Y OBREROS		TOTAL	REMUNERADAS	TOTAL
		NO REMUNERADAS	REMUNERADAS			
ALAVA.....	11	49	102	162	225.457	230.957
ALBACETE.....	10	40	209	259	503.516	519.611
ALICANTE.....	12	328	625	965	1.464.849	1.471.619
ALMERIA.....	13	144	264	421	578.388	594.379
AVILA.....	8	52	197	257	345.581	350.191
BADAJOS.....	53	373	152	578	851.839	883.227
BALEARES.....	0	605	904	1.509	1.812.529	1.812.529
BARCELONA.....	10	1.128	3.739	8.877	8.724.694	8.736.944
BURGOS.....	9	259	521	789	1.135.909	1.149.509
CACERES.....	7	114	336	457	747.391	751.255
CADIZ.....	15	418	674	1.107	1.470.649	1.476.534
CASTELLON.....	0	109	313	422	739.132	739.132
CIUDAD REAL.....	8	162	405	575	748.426	752.746
CORDOBA.....	21	233	553	807	1.163.548	1.197.723
CORUNA, LA.....	32	1.029	1.746	2.807	3.713.926	3.756.103
CUENCA.....	9	65	237	311	470.565	476.786
GERONA.....	10	278	626	914	1.347.642	1.364.488
GRANADA.....	23	169	637	24.790	928.549	953.339
GUADALAJARA.....	14	97	298	409	574.750	592.539
GUIPUZCOA.....	4	295	485	784	1.262.388	1.267.388
HUELVA.....	7	162	369	538	822.571	832.571
HUESCA.....	16	214	645	875	1.418.963	1.434.396
JAEN.....	9	140	417	566	843.897	854.929
LEON.....	34	434	960	1.428	2.025.348	2.055.586
LERIDA.....	30	464	1.180	1.674	2.363.623	2.395.446
LOGROÑO.....	3	80	228	311	481.259	481.624
LUGO.....	24	101	424	549	959.847	975.726
MADRID.....	0	2.764	1.997	4.761	4.562.890	4.562.890
MALAGA.....	6	367	651	1.024	1.424.074	1.429.784
MURCIA.....	77	180	587	725	1.383.182	1.390.432
NAVARRA.....	23	181	511	715	1.183.288	1.195.063
ORENSE.....	6	297	835	1.138	2.083.523	2.087.883
OVIEDO.....	15	846	1.820	2.681	4.038.303	4.055.737
PALENCIA.....	6	83	213	302	444.117	455.057
PALMAS, LAS.....	1	356	704	1.061	1.587.326	1.588.726
PONTEVEDRA.....	6	230	574	810	1.306.317	1.314.017
SALAMANCA.....	32	150	328	510	840.838	877.234
S. C. TENERIFE.....	4	289	660	953	1.407.206	1.409.186
SANTANDER.....	18	404	694	1.116	1.597.274	1.619.279
SEGOVIA.....	5	60	150	215	270.747	279.647
SEVILLA.....	11	901	944	1.856	1.943.369	1.952.521
SORIA.....	0	38	111	149	252.959	252.959
TARFAGONA.....	0	630	545	1.175	1.133.461	1.133.461
TERUEL.....	0	178	476	654	1.060.854	1.060.854
TOLEDO.....	0	121	373	494	747.143	747.143
VALENCIA.....	5	508	1.110	1.623	2.609.695	2.612.459
VALLADOLID.....	5	149	290	444	738.538	747.348
VIZCAYA.....	2	1.899	1.354	3.255	5.752.378	5.752.378
ZAMORA.....	10	128	289	427	725.900	741.770
ZARAGOZA.....	6	553	944	1.503	2.207.248	2.216.552
TOTAL	557	22.633	33.435	56.625	77.025.866	77.589.657



IV

Producción de energía eléctrica

IV. 1. PRODUCCION POR CUENCAS

P R O V I N C I A S	NUMERO DE CENTRALES			POTENCIA EXPRESADA EN KW			PRODUCCION EXPRESADA EN MWH		
	HIDR.	TERM.	TOTAL	HIDROELECTR.	TERMOELECTR.	TOTAL	HIDROELECTR.	TERMOELECTR.	TOTAL
NORTE									
SERVICIO PUBLICO	260	17	277	3.348.115	3.896.109	7.244.224	7.067.743	20.157.526	27.225.269
AUTOPRODUCTORAS	67	24	111	83.380	204.829	288.209	281.928	873.416	1.155.344
T O T A L	347	41	388	3.431.495	4.100.938	7.532.433	7.349.671	21.030.942	28.380.613
DUERO									
SERVICIO PUBLICO	105	2	107	2.224.217	423.000	2.647.217	3.828.029	2.675.847	6.503.876
AUTOPRODUCTORAS	37	12	49	19.040	52.973	72.013	32.192	81.177	113.369
T O T A L	142	14	156	2.243.257	475.973	2.719.230	3.860.221	2.757.024	6.617.245
TAJO									
SERVICIO PUBLICO	86	3	89	2.402.162	787.144	3.189.306	2.007.508	4.645.889	6.653.397
AUTOPRODUCTORAS	6	2	8	12.230	5.040	17.270	23.933	3.756	27.689
T O T A L	92	5	97	2.414.392	792.184	3.206.576	2.031.441	4.649.645	6.681.086
GUADIANA									
SERVICIO PUBLICO	17	4	21	163.556	592.200	755.756	48.752	3.593.064	3.641.816
AUTOPRODUCTORAS	4	3	7	31.165	623.365	31.165	0	117.604	117.604
T O T A L	17	7	24	163.556	623.365	786.921	48.752	3.710.668	3.759.420
GUADALQUIVIR									
SERVICIO PUBLICO	67	6	73	569.087	299.688	868.775	551.978	1.390.866	1.942.844
AUTOPRODUCTORAS	1	16	17	121.711	40	121.751	22	165.992	166.014
T O T A L	68	22	90	569.127	421.399	990.526	552.000	1.556.858	2.108.858
SUR									
SERVICIO PUBLICO	33	5	38	76.425	976.460	1.052.885	190.621	4.099.605	4.290.226
AUTOPRODUCTORAS	3	4	7	261	29.540	29.801	12	91.576	91.588
T O T A L	36	9	45	76.686	1.006.000	1.082.686	190.633	4.191.181	4.381.814
SEGURA									
SERVICIO PUBLICO	26	2	28	70.568	858.070	928.568	170.321	3.940.738	4.111.059
AUTOPRODUCTORAS	4	2	6	3.504	17.440	20.944	7.843	50.556	58.399
T O T A L	30	4	34	74.072	875.440	949.512	178.164	3.991.294	4.169.458
JUCAR									
SERVICIO PUBLICO	70	1	71	489.849	1.083.346	1.573.195	938.516	6.543.440	7.481.956
AUTOPRODUCTORAS	2	2	4	3.380	3.380	3.380	0	7.783	7.783
T O T A L	72	3	75	489.849	1.086.726	1.576.575	938.516	6.551.223	7.489.739
EBRO									
SERVICIO PUBLICO	234	4	238	2.524.115	861.500	3.385.615	6.124.394	5.261.997	11.386.391
AUTOPRODUCTORAS	42	16	58	295.867	44.070	339.937	714.413	115.375	829.788
T O T A L	276	20	296	2.819.982	905.570	3.725.552	6.838.807	5.377.372	12.216.179
PIRINEOS									
SERVICIO PUBLICO	71	15	86	175.410	2.794.338	2.969.748	423.548	11.776.994	12.200.542
AUTOPRODUCTORAS	106	9	115	37.120	49.181	86.301	91.349	186.669	278.018
T O T A L	177	24	201	212.530	2.843.519	3.056.049	514.897	11.963.663	12.478.560
EXTRAPENINSULAR									
SERVICIO PUBLICO	3	45	48	1.704	884.558	886.262	5.245	2.200.524	2.205.769
AUTOPRODUCTORAS	0	13	13	0	78.332	78.332	0	333.068	333.068
T O T A L	3	58	61	1.704	962.890	964.594	5.245	2.533.592	2.538.837
TOTAL NACIONAL									
SERVICIO PUBLICO	972	104	1.076	12.045.208	13.456.343	25.501.551	21.356.655	66.286.490	87.643.145
AUTOPRODUCTORAS	286	103	389	451.442	637.661	1.089.103	1.151.692	2.026.972	3.178.664
T O T A L	1.258	207	1.465	12.496.650	14.094.004	26.590.654	22.508.347	68.313.462	90.821.809

IV. 2. PRODUCCION POR PROVINCIAS

P R O V I N C I A S	NUMERO DE CENTRALES			POTENCIA EXPRESADA EN KW		PRODUCCION EXPRESADA EN MMH			
	HIDR.	TERM.	TOTAL	HIDROELECTR.	TERMOELECTR.	HIDROELECTR.	TERMOELECTR.	TOTAL	
ALAVA	9	1	10	33.548	5.700	39.248	114.400	6.530	120.930
ALBACETE	34	0	34	38.088	0	38.088	70.381	0	70.381
ALICANTE	1	0	1	680	0	680	895	0	895
ALMERIA	3	1	4	847	105.000	105.847	465	601.104	601.569
AVILA	9	0	9	69.572	0	69.572	47.796	0	47.796
BADAJOS	3	2	5	158.836	200	159.036	48.541	0	48.541
BALEARES	0	8	8	0	406.110	406.110	0	1.211.495	1.211.495
BARCELONA	94	17	111	92.396	2.319.881	2.412.277	171.578	8.475.896	8.647.474
BURGOS	20	4	24	31.902	474.850	506.752	101.658	3.085.478	3.187.136
CACERES	19	1	20	1.645.825	40	1.645.865	1.284.268	0	1.284.268
CADIZ	2	13	15	7.840	947.539	955.379	1.662	3.750.496	3.752.158
CASTELLON	8	1	9	48.688	1.083.346	1.132.034	156.186	6.543.440	6.699.626
CIUDAD REAL	5	3	8	2.781	274.000	276.781	0	1.398.444	1.398.444
CORDOBA	12	4	16	55.918	91.800	147.718	92.346	534.332	626.678
CORUÑA, LA	52	3	55	189.935	852.000	1.041.935	644.190	2.090.491	2.734.681
CUENCA	28	0	28	143.779	0	143.779	141.764	0	141.764
GERONA	65	5	70	117.134	10.038	127.172	337.802	28.798	366.600
GRANADA	29	4	33	53.387	7.504	60.891	122.208	24.034	146.242
GUADALAJARA	34	1	35	297.602	160.000	457.602	307.109	1.109.900	1.417.009
GUIPUZCOA	61	9	70	23.020	231.181	254.201	52.789	1.320.876	1.373.665
HUELVA	1	3	4	425	399.165	399.590	0	2.377.455	2.377.455
HUESCA	53	0	53	780.098	0	780.098	2.001.344	0	2.001.344
JAEN	27	2	29	169.776	8.004	177.780	183.307	20.844	204.151
LEON	54	7	61	271.317	914.350	1.185.667	518.343	5.913.578	6.431.921
LERIDA	98	1	99	1.185.877	1.000	1.186.877	2.576.067	4.699	2.580.766
LOGROÑO	20	1	21	27.129	360	27.489	131.839	0	131.839
LUGO	31	0	31	463.334	0	463.334	1.083.576	0	1.083.576
MADRID	10	2	12	69.333	5.040	74.373	74.194	3.756	77.950
MALAGA	19	6	25	112.511	130.400	242.911	120.027	623.829	743.856
MURCIA	20	4	24	37.928	875.440	913.368	123.393	3.991.294	4.114.687
NAVARRA	82	5	87	65.720	15.870	81.590	253.360	34.466	287.826
ORENSE	36	0	36	1.772.561	0	1.772.561	3.192.244	0	3.192.244
OVIEDO	55	7	62	563.925	1.285.675	1.849.600	1.462.335	6.700.283	8.162.618
PALENCIA	20	3	23	47.676	156.825	204.501	83.252	1.173.866	1.257.118
PALMAS, LAS	0	23	23	0	278.796	278.796	0	709.690	709.690
PONTEVEDRA	17	1	18	80.265	13.891	94.156	72.442	65.505	137.947
SALAMANCA	24	1	25	1.706.025	2.400	1.708.425	2.519.459	4.721	2.524.180
S. C. TENRIFE	3	18	21	1.704	247.059	248.773	5.245	531.317	536.562
SANTANDER	23	9	32	77.057	58.931	135.984	281.898	276.948	558.846
SEGOVIA	17	0	17	9.445	0	9.445	6.836	0	6.836
SEVILLA	10	8	18	271.396	118.067	389.463	264.075	209.259	473.334
SORIA	12	0	12	13.513	0	13.513	15.771	0	15.771
TARRAGONA	3	3	6	276.298	514.730	791.028	806.120	3.464.969	4.271.089
TERUEL	26	4	30	23.366	230.686	254.052	61.591	1.147.009	1.208.600
TOLEDO	11	1	12	264.890	627.104	891.994	253.198	3.535.989	3.789.187
VALENCIA	17	2	19	322.366	3.380	325.746	609.788	7.783	617.571
VALLADOLID	17	3	20	7.502	16.748	24.250	15.381	25.521	40.902
VIZCAYA	13	9	22	89.137	1.033.560	1.122.697	156.012	6.202.369	6.358.381
ZAMORA	11	2	13	416.004	7.400	423.404	1.134.943	8.600	1.143.543
ZARAGOZA	19	5	24	358.298	179.924	538.222	806.269	1.098.398	1.904.667
T O T A L E S	1.258	207	1.465	12.496.650	14.094.004	26.590.654	22.508.347	68.313.462	90.821.809

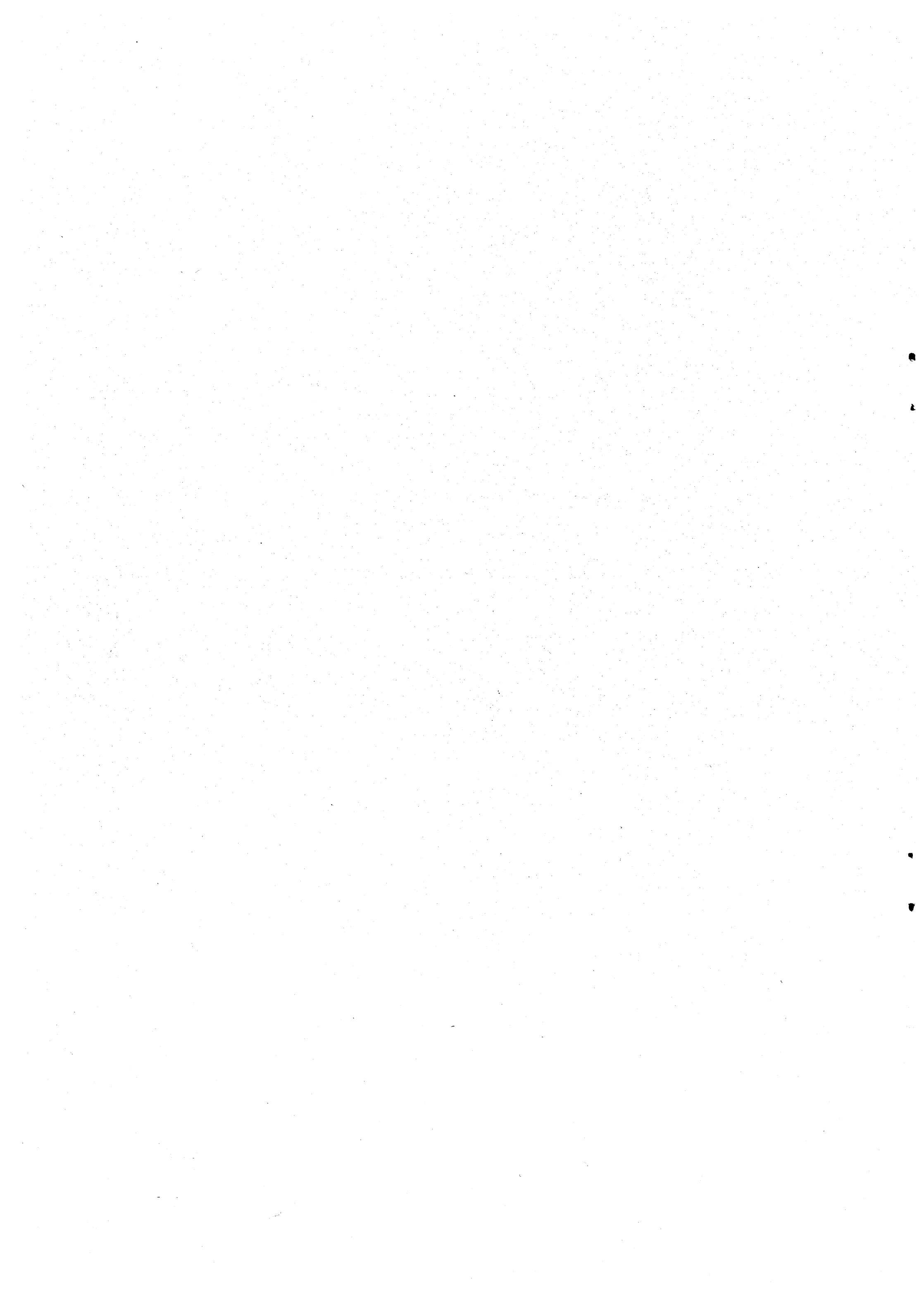
IV. 3. DESGLOSE DE LA PRODUCCION TERMoeLECTRICA SEGUN LOS COMBUSTIBLES UTILIZADOS

COMBUSTIBLES CONSUMIDOS	NUMERO DE CENTRALES	POTENCIA EN 31 DE -KW-	INSTALADA DICIEMBRE -KVA-	PRODUCCION BRUTA -MWH-	CONSUMOS PROPIOS -MWH-	PRODUCCION NETA -MWH-
S E R V I C I O P U B L I C O						
CARBONES DE 4.500 Y MAS KCAL/KG	1	148.000	185.000	1.158.412	108.103	1.050.309
CARBONES DE MENOS DE 4.500 KCAL/KG	0	0	0	0	0	0
LIGNITOS	4	433.500	513.125	2.385.846	265.404	2.120.442
COMBUSTIBLES LIQUIDOS	63	8.317.715	10.289.070	37.675.471	1.821.879	35.853.592
COMBUSTIBLES SOLIDOS, LIQUIDOS Y GASEOSOS...	1	360.000	423.000	2.034.265	182.943	1.851.322
COMBUSTIBLES SOLIDOS Y LIQUIDOS	10	2.570.075	3.095.075	13.360.948	1.014.433	12.346.515
COMBUSTIBLES LIQUIDOS Y GASEOSOS	1	450.000	562.500	2.116.419	77.954	2.038.465
OTROS COMBUSTIBLES	0	0	0	0	0	0
T O T A L E S	80	12.279.290	15.067.770	58.731.361	3.470.716	55.260.645
A U T O P R O D U C T O R A S						
CARBONES DE 4.500 Y MAS KCAL/KG	2	4.200	7.000	3.220	0	3.220
CARBONES DE MENOS DE 4.500 KCAL/KG	0	0	0	0	0	0
LIGNITOS	0	0	0	0	0	0
COMBUSTIBLES LIQUIDOS	54	359.123	458.220	974.421	76.169	898.252
COMBUSTIBLES SOLIDOS, LIQUIDOS Y GASEOSOS...	0	0	0	0	0	0
COMBUSTIBLES SOLIDOS Y LIQUIDOS	3	133.800	167.850	673.047	53.242	619.805
COMBUSTIBLES LIQUIDOS Y GASEOSOS	8	56.310	67.500	189.696	9.018	180.678
OTROS COMBUSTIBLES	7	48.056	60.831	186.588	14.528	172.060
T O T A L E S	74	601.489	761.401	2.026.972	152.957	1.874.015
T O T A L G E N E R A L						
CARBONES DE 4.500 Y MAS KCAL/KG	3	152.200	192.000	1.161.632	108.103	1.053.529
CARBONES DE MENOS DE 4.500 KCAL/KG	0	0	0	0	0	0
LIGNITOS	4	433.500	513.125	2.385.846	265.404	2.120.442
COMBUSTIBLES LIQUIDOS	117	8.676.838	10.747.290	38.649.892	1.898.048	36.751.844
COMBUSTIBLES SOLIDOS, LIQUIDOS Y GASEOSOS...	1	360.000	423.000	2.034.265	182.943	1.851.322
COMBUSTIBLES SOLIDOS Y LIQUIDOS	13	2.703.875	3.262.925	14.033.995	1.067.675	12.966.320
COMBUSTIBLES LIQUIDOS Y GASEOSOS	9	506.310	630.000	2.306.115	86.972	2.219.143
OTROS COMBUSTIBLES	7	48.056	60.831	186.588	14.528	172.060
T O T A L E S G E N E R A L E S ...	154	12.880.779	15.829.171	60.758.333	3.623.673	57.134.660

COMBUSTIBLES UTILIZADOS

COSTES

HULLA TONELADAS	ANTRACITA TONELADAS	LIGNITO TONELADAS	FUEL OIL TONELADAS	GAS OIL TONELADAS	GAS MILES M. C.	OTROS COMB. TONELADAS	TOTAL MILES PTS.	CENTIMOS KWH NETO
231.534	334.678	0	1.758	255	0	0	1.067.090	101,59
0	0	0	0	0	0	0	0	0,00
0	0	2.459.380	765	2.194	0	0	3.351.830	158,07
0	0	0	8.878.239	55.534	0	11.095	37.743.709	105,27
247.440	0	0	271.283	0	1.003.677	0	1.948.053	105,22
3.616.582	1.712.151	1.135.968	599.853	7.469	0	0	13.706.601	111,01
0	0	0	149.761	191	375.782	0	2.073.679	101,72
0	0	0	0	0	0	0	0	0,00
4.095.556	2.046.829	3.595.348	9.901.659	65.643	1.379.459	11.095	59.890.962	108,37
0	13.975	0	0	0	0	0	43.548	1.352,42
0	0	0	0	0	0	0	0	0,00
0	0	0	0	0	0	0	0	0,00
0	0	0	609.087	1.281	0	252.271	2.807.365	312,53
0	0	0	0	0	0	0	0	0,00
216.303	20.759	0	143.919	0	8.388	25.073	1.295.913	209,08
1.872	0	0	92.932	800	175.982	74.442	698.844	386,78
0	400	0	16.568	0	32.179	653.067	470.820	273,63
218.175	35.134	0	852.506	2.081	216.549	1.004.853	5.316.490	283,69
231.534	348.653	0	1.758	255	0	0	1.110.638	105,42
0	0	0	0	0	0	0	0	0,00
0	0	2.459.380	765	2.194	0	0	3.351.830	158,07
0	0	0	9.487.326	56.215	0	263.366	40.551.074	110,33
247.440	0	0	271.283	0	1.003.677	0	1.948.053	105,22
3.632.885	1.732.910	1.135.968	743.772	7.469	8.388	25.073	15.002.514	115,70
1.872	0	0	232.693	991	551.764	74.442	2.772.523	124,93
0	400	0	16.568	0	32.179	653.067	470.820	273,63
4.313.731	2.081.963	3.595.348	10.754.165	67.724	1.596.008	1.015.948	65.207.452	114,12



V

Distribución de la energía eléctrica

V. 1. CLASIFICACION DE LA ENERGIA DISTRIBUIDA POR SECTORES

SECTORES CONSUMIDORES	SERVICIO PUBLICO		AUTOPRODUCTORAS		T O T A L E S	
	NUMERO ABONADOS	ENERGIA MWH	NUMERO ABONADOS	ENERGIA MWH	NUMERO ABONADOS	ENERGIA MWH
1. AGRICULTURA Y GANADERIA	124.311	1.514.394	2	5.764	124.313	1.520.158
2. SILVICULTURA, CAZA Y PESCA	298	8.894	0	0	298	8.894
3. EXTRACCION DE CARBON Y LIGNITO	374	825.314	0	0	374	825.314
4. EXTRACCION DE PETROLEO BRJTO Y GAS NATURAL	4	81	1	6.000	5	6.081
5. OTRAS INDUSTRIAS EXTRACTIVAS	10.277	982.952	7	43.069	10.284	1.026.021
6. INDUSTRIAS DE LA ALIMENTACION, BEBIDAS Y TABACO	85.574	2.501.371	48	211.051	85.622	2.712.422
7. INDUSTRIAS TEXTILES	13.378	2.234.074	74	197.166	13.452	2.431.240
8. VESTIDOS Y OTROS ARTICULOS CONFECCIONADOS CON TEXTILES	9.768	216.881	2	923	9.770	217.804
9. CUERO Y CALZADO	5.912	179.396	0	0	5.912	179.396
10. MADERA, CORCHO Y MUEBLES	32.043	799.370	3	240	32.046	799.610
11. PASTAS DE PAPEL, PAPEL Y CARTON	2.851	1.883.610	23	487.868	2.874	2.371.478
12. IMPRENTAS, EDITORIALES E INDUSTRIAS AFINES	6.811	226.451	0	0	6.811	226.451
13. INDUSTRIAS DEL CAUCHO	1.003	667.162	2	258	1.005	667.420
14. INDUSTRIA QUIMICA	10.869	6.872.465	26	1.370.838	10.895	8.243.303
15. REFINERIAS DE PETROLEO	12	565.371	4	232.464	16	797.835
16. DERIVADOS DEL CARBON O DEL PETROLEO NO CLASIFICADOS EN OTRA PARTE	792	676.106	15	233.579	807	909.685
17. MATERIALES DE CONSTRUCCION Y AFINES	44.354	4.741.339	10	25.173	44.364	4.766.512
18. SIDERURGIA Y FUNDICION DE HIERRO Y ACERO	23.113	7.520.459	7	622.906	23.120	8.143.365
19. METALURGIA NO FERREA	12.139	3.571.157	9	244.687	12.148	3.815.844
20. MAQUINAS Y ARTICULOS METALICOS	51.350	1.680.682	8	9.304	51.358	1.689.986
21. CONSTRUCCION Y REPARACION DE MAQUINARIA APRATOS Y AR - TICULOS ELECTRICOS	52.977	1.306.297	0	0	52.977	1.306.297
22. CONSTRUCCION Y REPARACIONES NAVALES	2.559	328.157	0	0	2.559	328.157
23. CONSTRUCCION Y REPARACION DE OTROS MEDIOS DE TRANSPORTE	44.222	1.134.608	1	3.061	44.283	1.137.669
24. OTRAS INDUSTRIAS MANUFACTURERAS NO CLASIFICADAS EN OTRA PARTE	498.436	4.698.891	9	1.324	498.445	4.700.215
25. CONSTRUCCIONES Y OBRAS PUBLICAS	37.015	833.083	2	1.043	37.017	834.126
26. SERVICIOS PUBLICOS DE ELECTRICIDAD Y GAS	2.144	437.044	1	884	2.145	437.928
27. ABASTECIMIENTO DE AGUA	10.728	755.082	8	30.252	10.736	785.334
28. TRANSPORTES	1.406	1.602.865	1	609	1.407	1.603.474
29. ADMINISTRACION Y OTROS SERVICIOS PUBLICOS	38.026	1.113.649	3	3.158	38.029	1.116.807
30. COMERCIO Y OTROS SERVICIOS	2.152.824	5.968.487	35	595	2.152.859	5.969.082
31. ALUMBRADO PUBLICO	35.673	1.236.688	8	1.836	35.681	1.238.524
32. USOS DOMESTICOS	11.729.426	14.110.713	686	752	11.730.112	14.111.465
T O T A L E S	13.040.729	71.193.093	995	3.734.804	15.041.724	74.927.897
OTRAS DISCRIMINACIONES						
A) CONSUMOS EN ZONAS DE BAJA DENSIDAD	3.052.198	3.172.823	130	41	3.052.328	3.172.864
B) REGADIOS	38.093	1.125.135	1	5.455	38.094	1.130.590
C) ELECTROQUIMICA	188	3.108.899	3	620.815	191	3.729.714
D) ELECTROMETALURGIA	388	5.931.798	3	413.244	391	6.345.042
E) TRACCION LLECTRICA	180	1.096.856	0	0	180	1.096.856

V. 2. N° DE ABONADOS, POTENCIA CONTRATADA Y CONSUMO NETO POR TARIFAS.
DATOS TOTALES

CONCEPTOS	NUMERO DE ABONADOS	POTENCIA CONTRATADA EN KW	CONSUMO NETO EN MW-H	POTENCIA POR ABONADO EN KW	CONSUMO POR ABONADO EN MW-H
ALUMBRADO Y USOS DOMESTICOS					
A0 BAJA UTILIZACION HASTA 650 W	372.843	235.465	55.952	0,63	0,15
A1 BAJA UTILIZACION HASTA 1500 W	4.721.020	5.675.133	3.129.159	1,20	0,66
A2 UTILIZACION NORMAL Y ELECTRIFICACION RURAL	6.560.550	16.566.041	10.549.116	2,53	1,61
A3 TANTO ALZADO, INCLUSO ALUMBRADO PUBLICO	54.908	14.524	48.936	0,26	0,89
B1 ALUMBRADO DE ESTABLECIMIENTOS INDEPENDIENTES DE VIVIENDAS	2.039.609	5.285.851	5.070.234	2,59	2,49
B2 ALUMBRADO PUBLICO	33.457	416.756	1.210.843	12,46	36,19
INDUSTRIAL Y OTROS					
C1 SIN DISCRIMINACION HORARIA	1.227.052	12.023.678	9.617.312	9,80	7,84
C2 CON DISCRIMINACION HORARIA	619	581.956	2.217.788	940,16	3.582,86
ALTA TENSION					
D1 HASTA 50 KW	5.401	436.088	709.370	80,74	131,34
D2 MAS DE 50 KW	25.697	10.564.669	29.368.836	411,12	1.142,89
D3 MAS DE 5000 KW	40	370.968	1.687.452	8.064,52	36.683,74
E1 SERVICIOS PUBLICOS DE TRACCION	221	722.370	1.564.135	3.268,64	7.077,53
E2 USOS INDUSTRIALES ESPECIALES	57	939.863	6.592.924	16.488,82	115.665,33
T O T A L E S	15.041.480	53.833.362	71.822.057	3,58	4,77
CONSUMO EN AUTOPRODUCTORAS	244		3.105.840		12.728,85
T O T A L E S	15.041.724		74.927.897		4,98

V. 3. 1. Número de abonados por tarifas y provincias

ALUMBRADO Y USOS DOMESTICOS										
* CLAVE *	* BAJA *	* BAJA *	* UTILIZACION * NORMAL Y ELEC *	* TANTO ALZADO * INCLUSO *	* ALUMBRADO DE ESTABLECIMIENTOS INDE- PENDIENTES DE * VIVIENDAS *	* ALUMBRADO PUBLICO *	* ALUMBRADO PUBLICO *	* ALUMBRADO PUBLICO *	* ALUMBRADO PUBLICO *	* INDUSTRIAL Y SIN DISCRIMINACION HORARIA *
* PROV. *	* HASTA 650 W AD *	* HASTA 1.500 W A1 *	* TRIFIC. RURAL A2 *	* ALUM. PUBLICO A3 *	* B1 *	* B2 *	* B2 *	* B2 *	* B2 *	* C1 *

* 1 * ALAVA	* 314	* 20.360	* 44.548	* 651	* 16.368	* 268	* 268	* 268	* 268	* 19.320
* 2 * ALBACETE	* 15.114	* 19.715	* 63.841	* 490	* 16.108	* 271	* 271	* 271	* 271	* 8.833
* 3 * ALICANTE	* 16.822	* 43.825	* 377.406	* 103	* 77.222	* 1.156	* 1.156	* 1.156	* 1.156	* 32.982
* 4 * ALMERIA	* 10.999	* 49.082	* 53.340	* 441	* 17.983	* 275	* 275	* 275	* 275	* 10.633
* 5 * AVILA	* 2.723	* 57.471	* 15.801	* 1.390	* 12.347	* 545	* 545	* 545	* 545	* 9.486
* 6 * BADAJOZ	* 13.851	* 130.842	* 33.337	* 1.617	* 21.281	* 239	* 239	* 239	* 239	* 16.613
* 7 * BALEARES	* 4.451	* 134.251	* 123.030	* 173	* 55.310	* 1.094	* 1.094	* 1.094	* 1.094	* 34.348
* 8 * BARCELONA	* 889	* 916.964	* 715.256	* 4	* 334.889	* 2.951	* 2.951	* 2.951	* 2.951	* 200.024
* 9 * BURGOS	* 1.377	* 24.687	* 96.914	* 1.338	* 27.698	* 1.158	* 1.158	* 1.158	* 1.158	* 13.123
* 10 * CACERES	* 8.230	* 63.043	* 35.712	* 1.378	* 15.969	* 338	* 338	* 338	* 338	* 8.341
* 11 * CADIZ	* 6.615	* 155.178	* 116.913	* 3.138	* 32.718	* 739	* 739	* 739	* 739	* 20.707
* 12 * CASTELLON	* 12.007	* 59.883	* 86.349	* 0	* 31.967	* 659	* 659	* 659	* 659	* 15.697
* 13 * CIUDAD REAL	* 133	* 104.653	* 27.944	* 213	* 19.467	* 233	* 233	* 233	* 233	* 11.710
* 14 * CORDOBA	* 34.167	* 98.560	* 58.372	* 1.172	* 26.508	* 350	* 350	* 350	* 350	* 28.344
* 15 * CORUÑA, LA	* 27.918	* 58.951	* 195.344	* 7.417	* 49.284	* 165	* 165	* 165	* 165	* 22.251
* 16 * CUENCA	* 6.082	* 18.203	* 59.639	* 745	* 10.323	* 407	* 407	* 407	* 407	* 5.329
* 17 * GERONA	* 4.728	* 102.235	* 87.593	* 1	* 37.228	* 1.035	* 1.035	* 1.035	* 1.035	* 26.642
* 18 * GRANADA	* 17.711	* 91.173	* 120.102	* 419	* 23.876	* 460	* 460	* 460	* 460	* 18.614
* 19 * GUADALAJARA	* 813	* 25.393	* 30.246	* 444	* 7.489	* 479	* 479	* 479	* 479	* 4.161
* 20 * GUIPUZCOA	* 1.410	* 76.612	* 122.820	* 52	* 52.881	* 932	* 932	* 932	* 932	* 25.651
* 21 * HUELVA	* 4.209	* 39.698	* 82.600	* 684	* 14.672	* 374	* 374	* 374	* 374	* 10.028
* 22 * HUESCA	* 7.020	* 43.787	* 26.756	* 559	* 14.001	* 668	* 668	* 668	* 668	* 8.835
* 23 * JAEN	* 5.333	* 59.970	* 109.971	* 115	* 19.447	* 183	* 183	* 183	* 183	* 14.395
* 24 * LEON	* 1.061	* 15.276	* 143.017	* 3.651	* 23.969	* 997	* 997	* 997	* 997	* 25.361
* 25 * LERIDA	* 1.494	* 70.850	* 47.236	* 74	* 29.497	* 713	* 713	* 713	* 713	* 16.305
* 26 * LOGROÑO	* 1.010	* 26.130	* 57.785	* 354	* 22.869	* 455	* 455	* 455	* 455	* 9.285
* 27 * LUGO	* 6.797	* 32.336	* 70.250	* 271	* 14.558	* 163	* 163	* 163	* 163	* 7.716
* 28 * MADRID	* 13.775	* 373.922	* 977.740	* 351	* 260.349	* 1.525	* 1.525	* 1.525	* 1.525	* 111.880
* 29 * MALAGA	* 16.846	* 172.402	* 136.801	* 1.817	* 40.757	* 373	* 373	* 373	* 373	* 41.092
* 30 * MURCIA	* 20.942	* 40.020	* 207.607	* 0	* 49.363	* 986	* 986	* 986	* 986	* 24.040
* 31 * NAVARRA	* 2.059	* 52.949	* 82.815	* 1.333	* 29.498	* 883	* 883	* 883	* 883	* 12.808
* 32 * ORENSE	* 2.144	* 5.267	* 112.196	* 1.625	* 18.127	* 91	* 91	* 91	* 91	* 10.196
* 33 * OVIEDO	* 11.689	* 170.985	* 132.939	* 1.316	* 56.930	* 927	* 927	* 927	* 927	* 57.726
* 34 * PALENCIA	* 248	* 4.785	* 55.477	* 821	* 11.118	* 506	* 506	* 506	* 506	* 5.315
* 35 * PALMAS, LAS	* 20	* 134.165	* 47.171	* 132	* 18.500	* 96	* 96	* 96	* 96	* 7.575
* 36 * PONTEVEDRA	* 6.712	* 12.630	* 196.811	* 4.807	* 32.874	* 74	* 74	* 74	* 74	* 16.127
* 37 * SALAMANCA	* 6.305	* 40.071	* 69.128	* 160	* 21.619	* 535	* 535	* 535	* 535	* 10.839
* 38 * S. C. TENERIFE	* 116	* 135.737	* 45.874	* 297	* 19.474	* 50	* 50	* 50	* 50	* 8.369
* 39 * SANTANDER	* 5.237	* 26.466	* 125.814	* 454	* 28.355	* 502	* 502	* 502	* 502	* 27.157
* 40 * SEGOVIA	* 1.353	* 40.279	* 15.765	* 804	* 14.218	* 385	* 385	* 385	* 385	* 5.754
* 41 * SEVILLA	* 16.510	* 195.362	* 170.507	* 2.187	* 50.666	* 1.749	* 1.749	* 1.749	* 1.749	* 61.662
* 42 * SORIA	* 1.005	* 19.017	* 18.714	* 271	* 10.170	* 597	* 597	* 597	* 597	* 3.449
* 43 * TARRAGONA	* 1.517	* 132.312	* 61.985	* 0	* 39.936	* 849	* 849	* 849	* 849	* 29.427
* 44 * TERUEL	* 3.153	* 42.187	* 18.244	* 727	* 9.272	* 399	* 399	* 399	* 399	* 4.726
* 45 * TOLEDO	* 5.555	* 59.439	* 80.398	* 243	* 28.166	* 481	* 481	* 481	* 481	* 16.356
* 46 * VALENCIA	* 27.123	* 190.324	* 465.910	* 82	* 130.260	* 1.458	* 1.458	* 1.458	* 1.458	* 55.474
* 47 * VALLADOLID	* 971	* 20.981	* 116.338	* 1.824	* 20.969	* 771	* 771	* 771	* 771	* 17.836
* 48 * VIZCAYA	* 3.490	* 107.441	* 234.707	* 1.905	* 74.885	* 1.270	* 1.270	* 1.270	* 1.270	* 41.963
* 49 * ZAMORA	* 3.348	* 38.546	* 38.917	* 554	* 11.538	* 506	* 506	* 506	* 506	* 7.752
* 50 * ZARAGOZA	* 9.447	* 177.605	* 146.570	* 6.304	* 36.636	* 1.137	* 1.137	* 1.137	* 1.137	* 24.795

* TOTALES	* 372.843	* 4.721.020	* 6.560.550	* 54.908	* 2.039.609	* 33.457	* 33.457	* 33.457	* 33.457	* 1.227.052

OTROS USOS *	ALTA TENSION *			SERVICIOS PUBLICOS *	USOS INDUSTRIALES *	CONSUMOS *	TOTAL *	TOTAL E *	CLAVE *	PROV. *
DISCRIMINACION HORARIA C2 *	HASTA 50 KW D1 *	MAS DE 50 KW D2 *	MAS DE 5.000 KW D3 *	TRACCION E1 *	ESPECIALES E2 *	AUTOPRODUCT. *	TOTAL *	TOTAL E *	CLAVE *	PROV. *

8 *	16 *	341 *	0 *	6 *	0 *	1 *	102.200 *	102.201 *	1 *	1 *
0 *	124 *	330 *	0 *	0 *	0 *	2 *	124.826 *	124.828 *	2 *	2 *
0 *	216 *	1.635 *	0 *	0 *	0 *	1 *	551.367 *	551.368 *	3 *	3 *
82 *	41 *	342 *	0 *	0 *	0 *	0 *	143.218 *	143.218 *	4 *	4 *
0 *	5 *	40 *	0 *	1 *	0 *	0 *	99.809 *	99.809 *	5 *	5 *
186 *	17 *	246 *	0 *	0 *	0 *	1 *	218.229 *	218.230 *	6 *	6 *
3 *	5 *	148 *	0 *	2 *	3 *	0 *	352.818 *	352.818 *	7 *	7 *
2 *	13 *	1.166 *	3 *	30 *	16 *	64 *	2.172.207 *	2.172.271 *	8 *	8 *
3 *	3 *	310 *	0 *	8 *	0 *	4 *	166.619 *	166.623 *	9 *	9 *
0 *	27 *	245 *	0 *	0 *	1 *	0 *	133.284 *	133.284 *	10 *	10 *
10 *	22 *	257 *	3 *	2 *	0 *	6 *	336.302 *	336.308 *	11 *	11 *
0 *	245 *	834 *	1 *	5 *	0 *	0 *	206.647 *	206.647 *	12 *	12 *
1 *	248 *	324 *	0 *	5 *	0 *	2 *	164.931 *	164.933 *	13 *	13 *
8 *	13 *	356 *	0 *	2 *	0 *	4 *	247.852 *	247.856 *	14 *	14 *
0 *	65 *	523 *	2 *	2 *	4 *	5 *	361.926 *	361.931 *	15 *	15 *
0 *	102 *	173 *	0 *	0 *	0 *	0 *	101.003 *	101.003 *	16 *	16 *
28 *	19 *	103 *	19 *	7 *	0 *	10 *	259.638 *	259.648 *	17 *	17 *
5 *	17 *	208 *	0 *	0 *	1 *	3 *	262.586 *	262.589 *	18 *	18 *
0 *	209 *	149 *	0 *	1 *	0 *	5 *	69.384 *	69.389 *	19 *	19 *
6 *	0 *	1.354 *	1 *	20 *	2 *	19 *	281.741 *	281.760 *	20 *	20 *
14 *	19 *	153 *	4 *	0 *	2 *	2 *	152.457 *	152.459 *	21 *	21 *
1 *	17 *	129 *	0 *	5 *	3 *	2 *	101.781 *	101.783 *	22 *	22 *
3 *	26 *	281 *	0 *	1 *	1 *	1 *	209.726 *	209.727 *	23 *	23 *
0 *	31 *	420 *	0 *	12 *	1 *	3 *	213.796 *	213.799 *	24 *	24 *
0 *	2 *	87 *	0 *	1 *	0 *	12 *	166.259 *	166.271 *	25 *	25 *
1 *	109 *	432 *	0 *	3 *	0 *	1 *	118.433 *	118.434 *	26 *	26 *
0 *	13 *	150 *	1 *	2 *	0 *	1 *	132.257 *	132.258 *	27 *	27 *
0 *	639 *	2.677 *	0 *	18 *	0 *	5 *	1.742.876 *	1.742.881 *	28 *	28 *
4 *	54 *	291 *	1 *	1 *	0 *	1 *	410.439 *	410.440 *	29 *	29 *
0 *	675 *	1.687 *	1 *	0 *	1 *	3 *	345.322 *	345.325 *	30 *	30 *
0 *	424 *	746 *	0 *	2 *	0 *	18 *	183.517 *	183.535 *	31 *	31 *
0 *	6 *	144 *	0 *	1 *	1 *	0 *	149.800 *	149.800 *	32 *	32 *
15 *	13 *	544 *	3 *	10 *	4 *	2 *	433.101 *	433.103 *	33 *	33 *
8 *	41 *	197 *	0 *	10 *	1 *	7 *	78.527 *	78.534 *	34 *	34 *
0 *	95 *	0 *	0 *	0 *	0 *	5 *	207.754 *	207.759 *	35 *	35 *
0 *	25 *	466 *	0 *	1 *	1 *	1 *	270.528 *	270.529 *	36 *	36 *
0 *	4 *	427 *	0 *	0 *	0 *	5 *	149.088 *	149.093 *	37 *	37 *
0 *	198 *	0 *	0 *	0 *	0 *	2 *	210.115 *	210.117 *	38 *	38 *
0 *	33 *	223 *	1 *	5 *	3 *	11 *	214.250 *	214.261 *	39 *	39 *
0 *	17 *	64 *	0 *	6 *	0 *	2 *	78.645 *	78.647 *	40 *	40 *
25 *	18 *	646 *	0 *	2 *	0 *	2 *	499.334 *	499.336 *	41 *	41 *
1 *	12 *	41 *	0 *	0 *	0 *	5 *	53.277 *	53.282 *	42 *	42 *
0 *	3 *	142 *	0 *	9 *	1 *	1 *	266.181 *	266.182 *	43 *	43 *
150 *	9 *	93 *	0 *	0 *	0 *	1 *	78.960 *	78.961 *	44 *	44 *
0 *	317 *	572 *	1 *	1 *	0 *	1 *	191.529 *	191.530 *	45 *	45 *
41 *	889 *	3.009 *	3 *	18 *	0 *	1 *	874.591 *	874.592 *	46 *	46 *
0 *	87 *	554 *	1 *	4 *	4 *	4 *	180.340 *	180.344 *	47 *	47 *
0 *	0 *	1.396 *	0 *	15 *	7 *	11 *	467.079 *	467.090 *	48 *	48 *
0 *	8 *	120 *	0 *	0 *	0 *	3 *	101.289 *	101.292 *	49 *	49 *
14 *	208 *	922 *	1 *	3 *	0 *	4 *	403.642 *	403.646 *	50 *	50 *
619 *	5.401 *	25.697 *	46 *	221 *	57 *	244 *	15.041.480 *	15.041.724 *		

V. 3. 2. Consumo neto de energía eléctrica por tarifas y provincias en MW-H

		ALUMBRADO Y USOS DOMESTICOS				ALUMBRADO DE ESTABLECIMIENTOS INDEPENDIENTES DE VIVIENDAS		ALUMBRADO PUBLICO	INDUSTRIAL Y SIN DISCRIMINACION HORARIA
CLAVE	*PROV.*	*UTILIZACION HASTA 650 W AD	*UTILIZACION HASTA 1.500 W A1	*UTILIZACION NORMAL Y ELECTRIFIC. RURAL A2	*TANTO ALZADO INCLUSO ALUM. PUBLICO A3	*PENDIENTES DE VIVIENDAS B1	B2	C1	
1	ALAVA	42	9.200	75.696	78	55.724	15.504	91.985	
2	ALBACETE	926	10.086	75.498	160	22.361	9.306	44.335	
3	ALICANTE	835	24.483	496.421	255	160.013	38.837	238.702	
4	ALMERIA	2.673	24.979	45.700	4.939	22.885	3.467	85.732	
5	AVILA	780	21.638	28.955	236	10.009	5.514	40.971	
6	BADAJOS	2.314	58.542	62.046	3.217	26.648	9.574	92.651	
7	BALEARES	523	96.075	228.887	865	161.205	18.641	346.931	
8	BARCELONA	1.481	707.050	1.195.050	17	1.019.396	216.788	2.750.075	
9	BURGOS	101	10.872	85.072	88	29.386	11.920	86.316	
10	CACERES	402	22.927	51.124	479	17.017	10.155	41.005	
11	CADIZ	1.562	99.703	161.104	1.397	73.595	23.414	137.985	
12	CASTELLON	1.073	30.057	110.215	0	54.934	15.918	79.798	
13	CIUDAD REAL	6	53.376	61.189	30	27.900	12.476	63.835	
14	CORDOBA	5.368	55.302	94.396	2.616	45.932	14.283	135.942	
15	CORUÑA, LA	3.144	50.100	179.677	7.248	109.754	25.334	125.817	
16	CUENCA	543	5.612	39.262	178	12.182	6.928	20.817	
17	GERONA	1.048	80.628	145.181	78	96.593	18.998	357.201	
18	GRANADA	2.611	41.234	130.910	520	48.529	14.234	104.489	
19	GUADALAJARA	192	10.179	40.148	101	18.436	6.908	24.254	
20	GUIPUZCOA	411	55.751	288.760	17	88.862	32.136	183.722	
21	HUELVA	462	19.298	89.461	1.668	31.348	8.575	56.656	
22	HUESCA	1.206	24.001	49.395	643	19.577	8.820	64.980	
23	JALN	792	25.385	127.496	2.715	39.860	13.550	110.361	
24	LEON	162	5.272	104.028	6.031	28.567	16.498	77.028	
25	LLEIUA	306	54.864	95.459	30	48.009	14.028	218.933	
26	LOGROÑO	70	15.438	104.313	107	26.722	10.209	73.865	
27	LUGO	1.207	17.244	43.332	47	16.824	6.592	34.486	
28	MADRID	780	337.826	2.367.860	29	1.064.019	156.928	1.055.324	
29	MALAGA	2.853	106.455	197.332	2.911	109.020	23.283	259.515	
30	MURCIA	1.334	29.427	212.864	0	94.554	19.871	113.048	
31	NAVARRA	1.819	37.508	193.185	106	91.938	23.850	99.707	
32	ORENSE	430	3.828	74.627	543	22.465	13.240	37.051	
33	OVIEDO	1.069	95.333	132.314	4.237	120.990	34.966	201.785	
34	PALENCIA	7	1.791	43.238	106	9.806	5.658	25.409	
35	PALMAS, LAS	35	116.641	64.226	76	72.884	29.361	99.576	
36	PONTEVEDIA	1.957	12.436	189.098	383	96.524	28.324	79.238	
37	SALAMANCA	337	12.398	92.663	70	20.508	9.911	55.887	
38	S. C. TENERIFE	62	31.105	38.644	1.241	62.171	14.421	44.344	
39	SANTANDER	795	13.144	129.098	59	58.507	17.332	132.926	
40	SEGOVIA	422	15.171	38.725	911	13.935	7.211	34.166	
41	SEVILLA	1.951	142.580	310.419	1.293	133.873	36.413	334.937	
42	SORIA	191	5.367	23.495	153	8.207	5.619	27.106	
43	TARRAGONA	380	99.544	95.395	0	90.932	17.622	269.170	
44	TERUEL	882	15.903	19.801	791	9.369	6.354	31.446	
45	TOLEDO	316	27.470	118.743	14	41.066	11.597	88.293	
46	VALENCIA	1.083	149.603	773.361	317	340.925	62.992	353.291	
47	VALLADOLID	42	11.456	207.285	241	40.477	17.238	121.853	
48	VIZCAYA	2.138	56.265	586.888	318	121.517	39.310	243.858	
49	ZAMORA	318	10.367	55.021	44	10.008	7.105	34.750	
50	ZARAGOZA	1.511	86.245	375.859	1.433	125.272	33.630	185.760	
* TOTALES		55.952	3.120.159	10.549.116	48.936	5.070.234	1.210.843	9.617.312	

OTROS USOS	ALTA TENSION			SERVICIOS PUBLICOS DE TRACCION	USOS INDUSTRIALES ESPECIALES	TOTAL	CONSUMOS AUTOPRODUCT.	TOTAL	CLAVE	PROV.	*****	
DISCRIMINACION HORARIA	HASTA 50 KW	MAS DE 50 KW	MAS DE 5.000 KW	E1	E2							
CC	D1	D2	D3									
424.923	863	505.139	0	37.932	0	1.217.086	6.530	1.223.616	1			
0	3.722	128.709	0	0	0	295.103	1.341	296.444	2			
0	2.247	913.745	0	0	0	1.781.538	5.545	1.787.083	3			
328	1.627	118.735	0	0	0	311.065	0	311.065	4			
0	1.320	23.844	0	34.338	0	167.604	0	167.604	5			
31.040	810	110.510	0	0	0	397.352	32	397.384	6			
27	322	115.345	0	712	3.533	973.066	0	973.066	7			
11.435	1.783	3.492.579	13.139	244.168	497.505	10.150.466	148.250	10.298.716	8			
66	17	378.914	0	39.784	0	642.536	63.140	705.676	9			
0	1.197	63.186	0	0	491	207.993	0	207.983	10			
187.180	944	295.453	66.002	80	0	1.048.419	106.223	1.154.642	11			
0	8.467	504.594	26.457	18.838	0	850.351	0	850.351	12			
10	9.619	566.093	0	41.501	0	836.035	338.367	1.174.402	13			
139.817	373	228.083	0	27.386	0	759.498	20.119	779.617	14			
0	2.353	656.807	89.940	1.198	1.566.317	2.822.689	171.295	2.993.984	15			
0	2.460	111.787	0	0	0	199.769	0	199.769	16			
1.311	38.503	396.217	10.543	31.238	0	1.177.539	53.469	1.231.008	17			
56.709	443	120.574	0	0	3.331	523.664	21.532	545.196	18			
0	5.181	177.051	0	4.646	0	287.096	1.955	289.051	19			
73.317	0	2.697.194	8.251	57.358	42.718	3.538.497	103.851	3.642.348	20			
435.147	21.316	329.344	244.151	0	138.371	1.375.799	84.493	1.460.292	21			
143	774	106.035	0	240.555	538.059	1.054.388	618.919	1.673.307	22			
77.914	1.181	223.471	0	28.463	57.815	708.003	18.861	726.864	23			
0	1.842	391.676	0	59.536	63.546	754.186	21.673	775.859	24			
0	173	150.439	0	7.614	0	589.855	9.634	599.489	25			
8.573	3.962	102.651	0	3.691	0	349.601	175	349.776	26			
0	430	111.709	7.322	11.606	0	246.799	1	246.800	27			
0	33.922	2.682.745	0	287.128	0	7.986.561	17.252	8.003.813	28			
116.386	5.211	180.735	106.896	7.981	0	1.118.478	805	1.119.283	29			
0	26.257	788.927	98.600	0	136.754	1.521.636	50.256	1.571.892	30			
0	10.931	886.533	0	1.294	0	1.346.871	67.783	1.414.654	31			
0	228	71.927	0	6.737	100.677	331.753	0	331.753	32			
25	776	2.553.868	523.953	63.017	1.605.912	5.441.245	430.853	5.872.098	33			
593	1.364	165.686	0	43.586	172.226	471.470	45.581	517.051	34			
0	90.249	0	0	0	0	473.048	75.221	548.269	35			
0	1.346	407.440	0	1.192	80.245	898.183	58.955	957.138	36			
0	93	87.856	0	0	0	279.728	5.117	284.845	37			
0	96.614	0	0	0	0	338.606	94.742	433.348	38			
0	224.182	577.583	56.630	33.187	563.421	1.806.864	273.361	2.080.225	39			
0	2.434	57.726	0	26.100	0	199.801	156	199.957	40			
433.994	1.104	520.475	0	6.102	0	1.923.141	19.459	1.942.600	41			
16.530	330	31.772	0	0	0	118.820	153	118.973	42			
0	280	355.166	0	30.981	335.040	1.802.510	6.000	1.808.510	43			
2.808	41.955	39.928	0	0	0	169.237	1.406	170.643	44			
0	9.074	482.057	41.909	38.456	0	858.995	7.574	866.569	45			
58	33.860	1.662.770	99.196	17.106	0	3.494.562	7.783	3.502.345	46			
0	4.020	462.456	174.710	54.897	549.223	1.643.898	25.408	1.669.306	47			
0	0	3.326.954	0	39.923	137.740	4.564.911	44.584	4.609.495	48			
0	239	52.313	0	0	0	170.165	8.938	179.103	49			
199.324	6.961	554.035	19.753	5.804	0	1.595.587	69.048	1.664.635	50			

2.217.788	709.370	29.368.836	1.587.452	1.564.135	6.592.924	71.822.057	3.105.840	74.927.897				

V. 3. 3. Potencia contratada por tarifas y provincias en KW

		ALUMBRADO Y USOS DOMESTICOS				*ALUMBRADO DE *		
CLAVE	* P R O V I N C I A S *	BAJA	BAJA	* UTILIZACION * *NORMAL Y ELEC*	TANTO ALZADO*	ESTABLECIMI- * ENTOS INDE-	* ALUMBRADO	
*PROV.**		HASTA 650 W AD	HASTA 1.500 W A1	*TRIFIC. RURAL* A2	ALUM. PUBLICO* A3	*PENDIENTES DE VIVIENDAS	PUBLICO	
						B1	B2	
* 1 *	* ALAVA *	207	22.638	103.705	23	53.588	5.328	
* 2 *	* ALBACETE *	9.392	26.519	123.411	115	34.731	1.595	
* 3 *	* ALICANTE *	9.177	54.000	857.178	181	222.334	13.243	
* 4 *	* ALMERIA *	8.437	58.261	102.432	967	37.030	1.320	
* 5 *	* AVILA *	1.402	37.145	43.258	147	17.353	2.211	
* 6 *	* BADAJOZ *	9.039	132.185	91.751	777	40.076	3.425	
* 7 *	* BALEARES *	1.703	136.020	416.096	271	184.199	12.970	
* 8 *	* BARCELONA *	3.801	1.126.078	2.145.952	6	823.903	38.521	
* 9 *	* BURGOS *	768	23.028	154.086	40	46.620	10.105	
* 10 *	* CACERES *	5.093	52.387	85.401	156	29.069	4.787	
* 11 *	* CADIZ *	4.028	188.578	288.923	419	83.826	7.764	
* 12 *	* CASTELLON *	9.795	85.145	217.215	0	80.354	3.758	
* 13 *	* CIUDAD REAL *	80	155.555	75.979	11	40.277	2.322	
* 14 *	* CORDOBA *	21.836	104.418	143.346	623	51.331	5.168	
* 15 *	* CORUÑA, LA *	18.334	55.830	341.037	2.453	120.703	10.194	
* 16 *	* CUENCA *	5.333	22.528	95.904	75	24.333	2.110	
* 17 *	* GERONA *	2.552	119.214	259.787	30	94.343	5.612	
* 18 *	* GRANADA *	11.043	98.801	263.982	145	59.721	4.162	
* 19 *	* GUADALAJARA *	305	36.850	63.420	92	22.913	3.212	
* 20 *	* GUIPUZCOA *	830	76.375	337.438	5	106.954	13.341	
* 21 *	* HUELVA *	1.813	55.334	173.254	828	38.409	3.019	
* 22 *	* HUESCA *	3.868	38.234	95.945	155	24.373	3.075	
* 23 *	* JAEN *	3.007	75.231	202.602	628	44.525	4.251	
* 24 *	* LEON *	452	14.858	215.217	2.050	45.557	8.268	
* 25 *	* LERIDA *	872	86.405	123.004	19	52.198	5.290	
* 26 *	* LOGROÑO *	584	24.128	149.509	35	46.361	4.772	
* 27 *	* LUGO *	4.382	31.245	102.924	16	26.216	6.498	
* 28 *	* MADRID *	9.984	549.925	2.951.061	10	981.297	60.092	
* 29 *	* MALAGA *	10.757	205.371	418.752	694	109.336	9.051	
* 30 *	* MURCIA *	14.500	55.236	409.434	0	122.909	8.298	
* 31 *	* NAVARRA *	2.241	51.228	256.611	65	81.750	10.888	
* 32 *	* ORENSE *	1.074	5.398	175.278	227	33.883	4.513	
* 33 *	* OVIEDO *	7.514	217.888	338.027	1.008	136.370	13.672	
* 34 *	* PALENCIA *	149	4.105	81.546	42	18.329	3.014	
* 35 *	* PALMAS, LAS *	65	131.946	117.867	28	53.956	9.870	
* 36 *	* PONTEVEDRA *	4.491	14.029	396.662	134	95.296	7.842	
* 37 *	* SALAMANCA *	3.756	33.988	118.642	26	35.220	2.688	
* 38 *	* S. C. TENERIFE *	98	179.008	98.286	417	64.657	4.806	
* 39 *	* SANTANDER *	2.742	27.758	258.686	19	61.947	5.640	
* 40 *	* SGOVIA *	890	58.233	44.327	304	18.287	3.334	
* 41 *	* SEVILLA *	9.997	239.532	431.342	327	119.821	15.054	
* 42 *	* SORIA *	588	16.194	39.767	14	15.086	2.256	
* 43 *	* TARRAGONA *	1.343	156.963	168.576	0	86.861	8.692	
* 44 *	* TERUEL *	1.327	42.520	38.718	145	15.824	1.132	
* 45 *	* TOLEDO *	3.416	85.804	182.126	4	60.580	3.856	
* 46 *	* VALENCIA *	13.682	286.616	1.188.523	106	397.576	20.260	
* 47 *	* VALLADOLID *	557	21.594	232.640	70	44.810	10.331	
* 48 *	* VIZCAYA *	2.094	78.306	648.739	255	145.152	12.969	
* 49 *	* ZAMORA *	1.927	30.668	62.650	37	16.686	1.979	
* 50 *	* ZARAGOZA *	4.140	125.833	635.025	325	118.921	10.198	
* * * * *	* TOTALES *	235.465	5.675.133	16.566.041	14.524	5.285.851	416.756	

* INDUSTRIAL Y OTROS USOS *		* ALTA TENSION *			* SERVICIOS PUBLICOS *		* USOS INDUSTRIALES ESPECIALES *		TOTAL
* SIN DISCRIMINACION HORARIA *	* DISCRIMINACION HORARIA *	* HASTA 50 KW *	* MAS DE 50 KW *	* MAS DE 5.000 KW *	* TRACCION E1 *	E2			
* C1 *	* C2 *	* D1 *	* D2 *	* D3 *					
* 163.147 *	* 114.010 *	* 557 *	* 177.459 *	* 0 *	* 20.703 *	* 0 *	* 661.365 *		
* 73.952 *	* 0 *	* 3.150 *	* 62.543 *	* 0 *	* 0 *	* 0 *	* 335.408 *		
* 338.386 *	* 0 *	* 8.437 *	* 389.109 *	* 0 *	* 0 *	* 0 *	* 1.892.045 *		
* 101.461 *	* 11.470 *	* 1.942 *	* 72.179 *	* 0 *	* 0 *	* 0 *	* 395.499 *		
* 58.826 *	* 0 *	* 209 *	* 7.535 *	* 0 *	* 10.000 *	* 0 *	* 228.086 *		
* 127.133 *	* 12.307 *	* 494 *	* 65.531 *	* 0 *	* 0 *	* 0 *	* 482.718 *		
* 445.620 *	* 81 *	* 122 *	* 58.100 *	* 0 *	* 849 *	* 1.964 *	* 1.257.995 *		
* 2.556.901 *	* 3.898 *	* 519 *	* 1.103.062 *	* 10.255 *	* 100.151 *	* 60.767 *	* 7.979.810 *		
* 133.708 *	* 522 *	* 72 *	* 142.769 *	* 0 *	* 51.980 *	* 0 *	* 563.698 *		
* 76.054 *	* 0 *	* 1.215 *	* 49.190 *	* 0 *	* 0 *	* 1.023 *	* 304.375 *		
* 169.893 *	* 73.609 *	* 749 *	* 112.710 *	* 24.500 *	* 579 *	* 0 *	* 955.578 *		
* 118.913 *	* 0 *	* 8.190 *	* 177.358 *	* 8.600 *	* 14.800 *	* 0 *	* 724.128 *		
* 104.275 *	* 2 *	* 5.071 *	* 129.337 *	* 0 *	* 19.040 *	* 0 *	* 531.949 *		
* 189.118 *	* 29.295 *	* 445 *	* 85.122 *	* 0 *	* 13.775 *	* 0 *	* 644.477 *		
* 197.597 *	* 0 *	* 2.595 *	* 254.104 *	* 16.000 *	* 2.776 *	* 206.010 *	* 1.237.633 *		
* 41.608 *	* 0 *	* 2.313 *	* 53.685 *	* 0 *	* 0 *	* 0 *	* 247.889 *		
* 259.254 *	* 1.500 *	* 13.242 *	* 97.704 *	* 5.133 *	* 17.549 *	* 0 *	* 875.920 *		
* 153.542 *	* 11.380 *	* 590 *	* 57.782 *	* 0 *	* 0 *	* 912 *	* 662.060 *		
* 34.914 *	* 0 *	* 4.446 *	* 51.172 *	* 0 *	* 2.960 *	* 0 *	* 220.284 *		
* 261.248 *	* 14.267 *	* 0 *	* 896.150 *	* 5.000 *	* 51.307 *	* 6.891 *	* 1.769.806 *		
* 80.297 *	* 98.702 *	* 7.911 *	* 165.047 *	* 55.299 *	* 0 *	* 29.168 *	* 710.141 *		
* 86.063 *	* 119 *	* 635 *	* 41.271 *	* 0 *	* 41.104 *	* 99.060 *	* 433.905 *		
* 142.785 *	* 15.785 *	* 908 *	* 82.462 *	* 0 *	* 5.600 *	* 9.862 *	* 591.646 *		
* 148.811 *	* 0 *	* 1.019 *	* 154.616 *	* 0 *	* 39.939 *	* 8.000 *	* 638.787 *		
* 191.590 *	* 0 *	* 36 *	* 59.914 *	* 0 *	* 3.000 *	* 0 *	* 522.328 *		
* 113.127 *	* 1.949 *	* 2.449 *	* 79.473 *	* 0 *	* 4.680 *	* 0 *	* 427.067 *		
* 64.280 *	* 0 *	* 511 *	* 39.049 *	* 7.567 *	* 12.000 *	* 0 *	* 294.688 *		
* 1.443.727 *	* 0 *	* 26.176 *	* 1.347.325 *	* 0 *	* 57.788 *	* 0 *	* 7.427.385 *		
* 341.633 *	* 31.440 *	* 4.041 *	* 65.520 *	* 15.280 *	* 2.684 *	* 0 *	* 1.214.559 *		
* 174.994 *	* 0 *	* 19.835 *	* 329.713 *	* 40.000 *	* 0 *	* 19.875 *	* 1.194.797 *		
* 154.503 *	* 0 *	* 10.098 *	* 278.638 *	* 0 *	* 2.820 *	* 0 *	* 848.842 *		
* 75.584 *	* 0 *	* 259 *	* 39.026 *	* 0 *	* 3.368 *	* 13.920 *	* 352.530 *		
* 388.345 *	* 0 *	* 348 *	* 626.061 *	* 102.437 *	* 30.089 *	* 229.400 *	* 2.091.165 *		
* 46.734 *	* 573 *	* 1.279 *	* 56.528 *	* 0 *	* 42.636 *	* 24.119 *	* 279.054 *		
* 85.615 *	* 0 *	* 17.339 *	* 0 *	* 0 *	* 0 *	* 0 *	* 466.686 *		
* 140.262 *	* 0 *	* 1.043 *	* 157.990 *	* 0 *	* 584 *	* 9.684 *	* 828.017 *		
* 94.361 *	* 0 *	* 83 *	* 55.094 *	* 0 *	* 0 *	* 0 *	* 343.858 *		
* 51.646 *	* 0 *	* 23.571 *	* 0 *	* 0 *	* 0 *	* 0 *	* 422.489 *		
* 184.233 *	* 0 *	* 180.744 *	* 156.428 *	* 8.000 *	* 10.550 *	* 83.454 *	* 988.201 *		
* 45.180 *	* 0 *	* 644 *	* 9.981 *	* 0 *	* 16.641 *	* 0 *	* 197.821 *		
* 512.351 *	* 118.434 *	* 548 *	* 165.102 *	* 0 *	* 5.100 *	* 0 *	* 1.637.608 *		
* 35.464 *	* 3.375 *	* 225 *	* 10.580 *	* 0 *	* 0 *	* 0 *	* 123.552 *		
* 263.948 *	* 0 *	* 150 *	* 197.864 *	* 0 *	* 24.476 *	* 35.954 *	* 954.827 *		
* 38.959 *	* 3.500 *	* 34.951 *	* 30.643 *	* 0 *	* 0 *	* 0 *	* 207.719 *		
* 144.547 *	* 0 *	* 7.618 *	* 166.139 *	* 17.500 *	* 0.000 *	* 0 *	* 679.590 *		
* 518.020 *	* 165 *	* 29.541 *	* 716.753 *	* 21.443 *	* 12.923 *	* 0 *	* 3.205.608 *		
* 168.521 *	* 0 *	* 3.652 *	* 202.351 *	* 27.840 *	* 47.324 *	* 77.083 *	* 836.773 *		
* 366.247 *	* 0 *	* 0 *	* 963.772 *	* 0 *	* 17.595 *	* 22.717 *	* 2.257.846 *		
* 57.070 *	* 0 *	* 189 *	* 26.443 *	* 0 *	* 0 *	* 0 *	* 197.649 *		
* 259.231 *	* 35.507 *	* 5.922 *	* 278.285 *	* 5.114 *	* 9.000 *	* 0 *	* 1.487.501 *		
* 12.023.678 *	* 581.956 *	* 436.088 *	* 10.564.669 *	* 370.968 *	* 722.370 *	* 939.863 *	* 53.833.362 *		

