Diffusion of Energy Technologies in Portugal: Cumulative Capacity, Cumulative Unit Numbers; Average Capacity; (Net) Installed Capacity

The use of data is conditional on citing the reference manuscript

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Data sources available in the spreadsheet 'references'.

	WIND POWER				HYDRO POWER	MOTORCYCLES			PASSENGER CARS			COAL POWER		NATURAL GAS POWER		REFINERIES				STATIONARY STEAM ENGINES		
Year	Cumulative Installed capacity (MW)	Cumulative Total unit numbers (#)	Average capacity of unit additions (MW)	Maximum capacity of unit additions (MW)	Cumulative Total Capacity (MW)	Cumulative Total Capacity (MW)	Cumulative Total No. of Units (#)	Average Capacity of Unit Additions (MW)	Cumulative Total Capacity (MW)	Cumulative Total No. of Units (#)	Average Capacity of Unit Additions (MW)	Cumulative Total Capacity (MW)	Cumulative Total No. of Units (#)	Cumulative Total Capacity (MW)	Cumulative Total No. of Units (#)	NET Total Capacity (MW)	NET Total No. of Units (#)	Average Capacity (MW)	Average Capacity of Unit Additions (MW)	NET Total Capacity (MW)	NET Total No. of Units (#)	Average Capacity (MW)
1900												0,1	1									
1901												0,1	1									
1902												0,1	1									
1903												0,1	1									
1904												0,1	1									
1905												3	1									
1906												3	1									
1907												3	1									
1908												5	1									
1909												5	1									
1910												5	1									
1911												5	1									
1912												10	1									
1913												10	1									
1914												10	1									
1915												10	1									
1916												10	1									
1917												10	1							61		
1918												10	1									
1919												18	1									
1920												18	1									
1921												18	1									
1922												18	1									
1923												18	1									
1924												18	1									
1925												26	1									
1926												26	1									
1927					33							36	2									
1928												36	2									
1929												36	2									
1930					37							44	2									
1931												44	2									
1932												44	2									
1933												44	2									
1934												44	2									
1935					66							53	2									
1936												62	2									
1937												62	2									
1938												62	2									
1939												62	2									
1940					83							62	2			356	1	356	356			
1941												62	2			356	1	356				
1942												62	2			356	1	356				
1943												62	2			356	1	356		145	337	0,429
1944												62	2			356	1	356				
1945					105							62	2			356	1	356				
1946					124							62	2			356	1	356		142	326	0,437
1947					140							62	2			356	1	356				
1948					145	5	1000	0,005				62	2			683	1	683				
1949					147	9	2028	0,005				62	2			683	1	683				
1950					153	17	3671	0,005				62	2			683	1	683				
1951					362	27	6051	0,005				62	2			683	1	683				
1952					460	42	9287	0,005				62	2			683	1	683				
1953					506	61	13501	0,005				62	2			1707	1	1707				
1954					607	85	18811	0,005				62	2			1707	1	1707				
1955					682	115	25338	0,005				62	2			1707	1	1707				
1956					759	152	33202	0,005				62	2			1707	1	1707				
1957					763	198	42524	0,005				62	2			1707	1	1707				
1958					932	254	53424	0,005				62	2			1707	1	1707				
1959					1033	322	66021	0,005				212	3			1707	1	1707				
1960					1085	415	80437	0,006				212	3			1707	1	1707				
1961					1204	520	96791	0,006	0,1	2489	0,030	212	3			1707	1	1707				
1962					1205	638	115203	0,006	0,2	7468	0,031	212	3			2489	1	2489				
1963					1205	771	135794	0,006	0,5	14935	0,031	212	3			2489	1	2489				
1964					1311	918	158684	0,006	1	24892	0,032	212	3			2489	1	2489				
1965					1553	1081	183993	0,006	1	38728	0,033	212	3			2489	1	2489				
1966					1554	1260	211842	0,006	2	56442	0,034	212	3			2489	1	2489				
1967					1555	1457	242349	0,006	3	78035	0,035	212	3			2489	1	2489				
1968					1555	1695	279349	0,006	3	103507	0,034	212	3			2489	1	2489				
1969					1555	1946	318349	0,006	5	132857	0,036	212	3			2489	1	2489				
1970					1556	2210	359349	0,006	6	166086	0,037	212	3			5690	2	2845	3200			
1971					1693	2499	404349	0,006	7	202520	0,039	212	3			5690	2	2845				
1972					1878	2827	455349	0,006	9	242157	0,041	212	3			5690	2	2845				
1973					2005	3181	510349	0,006	11	284999	0,043	212	3			9246	2	4623				
1974					1970	3523	563349	0,006	13	331044	0,044	212	3			9246	2	4623				
1975					2055	3889	620349	0,006	15	374301	0,045	212	3			13513	2	6757				
1976					2123	4314	686349	0,006	17	414769	0,046	212	3			13513	2	6757				
1977	0	0		0	2259	4752	754349	0,006	18	453202	0,048	212	3			13513	2	6757				
1978	0	0			2269	5164	818349	0,006	20	489599	0,049	212	3			27738	3	9246	14224			
1979	0	0			2269	5582	883349	0,006	22	523961	0,050	212	3			27738	3	9246				
1980	0	0			2269	6007	949349	0,006	24	569418	0,051	212	3			27738	3	9246				
1981	0	0			2354	6258	988349	0,006	27	630328	0,051	212	3			27738	3	9246				
1982	0	0			2546	6560	1035349	0,006	31	695169	0,052	212	3			23328	3	7776				
1983	0	0			2705	6830	1077349	0,006	34	761072	0,054	212	3			23328	3	7776				
1984	0	0			2732	7004	1104349	0,006	38	822225	0,054	212	3			23328	3	7776				
1985	0	10	0,03	0,03	2770	7152	1127349	0,006	41	883200	0,055	512	4			23328	3	7776				
1986	0	10			2848	7339	1156349	0,006	44	945313	0,055	812	4			23328	3	7776				
1987	0	10			2916	7545	1188349	0,006	48	1016143	0,057	1112	4			23328	3	7776				
1988	1	18	0,03	0,03	2985	7757	1221349	0,006	52	1087231	0,058	1112	4			23328	3	7776				
1989	1	18			3037	7950	1251349	0,006	57	1160412	0,059	1112	4			23328	3	7776				
1990	1	18			3143	8214	1292349	0,006	60	1220633	0,060	1468	4			23328	3	7776				
1991	1	22	0,10	0,1	3147	8369	1316349	0,006	65	1292606	0,061	1468	4			23470	3	7823				
1992	4	42	0,15	0,15	3451	8542	1343349	0,006	71	1388785	0,062	1776	5			23470	3	7823				
1993	9	75	0,15	0,15	3869	8632	1357349	0,006	75	1448860	0,063	1776	5			20625	2	10313				
1994	9	76	0,15	0,15	3986	8690	1366349	0,006	77	1486614	0,064	2084	5			21984	2	10992				
1995	9	76			4279				82	1564484	0,065	2084	5			21984	2	10992				
1996	20	96	0,53	0,6	4284				93	1728474	0,066	2084	5	0		21984	2	10992				
1997	20	96			4375				106	1918184	0,068	2084	5	237	1	21984	2	10992				
1998	52	161	0,50	0,5	4298				119	2107304	0,070	2084	5	567	2	21984	2	10992				
1999	58	167	1,03	1,65	4292				132	2291324	0,072	2084	5	1227	2	21984	2	10992				
2000	85	200	0,81	1,3	4303				146	2478604	0,074	2084	5	1227	2	21984	2	10992				
2001	125	250	0,81	1,65	4331				160	2673864	0,073	2084	5	1227	2	21984	2	10992				
2002	196	308	1,23	1,8	4355				174	2863604	0,074	2084	5	1227	2	21984	2	10992				
2003	301	386	1,33	3	4359				187	3031754	0,075	2084	5	1619	3	21984	2	10992				
2004	526	513	1,78	2,3	4628				199	3189004	0,077	2084	5	2011	3	21984	2	10992				
2005	1023	753	2,07	3	4816				210	3330674	0,078	2084	5	2403	3	21984	2	10992				
2006	1704	1072	2,13	3	4848				222	3478694		2084	5	2403	3	21984	2	10992				
2007	2143	1294	1,98	2,3	4853				233	3612741		2084	5	2403	3	21984	2	10992				
2008	2827	1631	2,03	3	4857				243	3744983		2084	5	2403	3	21984	2	10992				
2009	3523	1966	2,08	3	4876				252	3846663		2084	5	3242	4	21984	2	10992				
2010	3888	2147	2,02	2,5	4917				262	3961226		2084	5	4079	5	21984	2	10992				
2011	4364	2387							274	4103006						23375	2	11688				
2012									284	4218742						23375	2	11688				