

STATIONARY ENERGY
ACTIVITY TABLE : 2008
AUSTRALIA

SOURCE CATEGORIES	ACTIVITY DATA																		
	Energy use (PJ)																		
Fossil fuels	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Energy Industries	1694	1714	1756	1787	1809	1889	1952	2027	2177	2272	2301	2405	2425	2537	2560	2597	2647	2730	2832
Coal	1302	1354	1392	1398	1403	1446	1516	1596	1716	1768	1790	1854	1869	1950	1953	1964	2007	2006	2032
Petroleum	130	135	122	128	132	140	138	126	131	139	126	124	122	131	136	146	139	143	146
Gas	262	225	242	261	273	303	299	305	330	365	375	416	426	448	462	479	492	573	641
Wood, wood waste	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	0
Biogas	0	0	0	0	0	0	0	0	0	0	10	10	8	8	8	7	7	7	12
Electricity and Heat Production	1475	1481	1515	1528	1555	1627	1691	1744	1890	1969	2006	2106	2123	2207	2229	2253	2301	2358	2454
Black coal	836	849	873	906	918	947	1002	1023	1071	1096	1111	1183	1214	1262	1261	1278	1313	1320	1336
Brown coal incl. briquettes	437	470	481	456	462	480	503	546	627	652	665	661	642	666	671	665	671	663	672
Petroleum	40	41	29	29	29	33	34	27	25	24	22	19	19	21	23	25	26	29	34
Gas	161	121	132	136	146	167	151	148	167	196	197	232	240	250	265	277	282	338	399
Wood, wood waste											1	1	0	1	1	1	1	1	0
Biogas											10	10	8	8	8	7	7	7	12
Petroleum refining	87	91	89	95	98	100	98	92	93	108	99	101	100	98	93	93	84	91	88
Petroleum	76	80	78	83	87	90	86	79	84	93	80	81	79	76	70	68	59	67	65
Gas	11	11	11	11	11	10	12	13	10	15	19	20	21	22	23	24	25	24	23
Manufacture of Solid Fuels and Other Energy Industries	132	143	152	164	156	161	164	190	194	196	197	198	202	232	238	252	261	281	289
Coal	28	35	38	35	24	19	11	27	18	19	13	10	12	23	20	21	23	23	23
Petroleum	14	15	15	16	16	17	18	20	22	22	24	24	24	34	44	53	54	47	47
Gas	90	93	99	113	116	126	136	144	154	154	160	164	166	176	174	178	185	211	219
Coke Ovens	29	36	37	36	24	20	10	26	18	20	14	11	12	17	15	17	21	21	21
Coal	28	35	36	35	23	19	9	25	17	19	13	10	11	16	14	16	20	20	20
Petroleum	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Briquetting	0	0	2		0	0	2	1	1	0	0	1	1	6	7	5	3	3	3
Coal	0	0	2		0	0	2	1	1	0	0	1	1	6	6	5	2	3	3
Coal mining	12	13	14	14	14	15	16	18	20	20	22	22	22	30	38	45	44	43	45
Petroleum	12	13	14	14	14	15	16	18	20	20	22	22	22	30	38	45	44	43	45
Oil and gas production and field processing	81	85	91	103	106	117	124	132	142	138	143	145	144	154	153	162	171	194	196
Petroleum	1	1	1	1	1	1	1	1	1	1	1	1	1	3	5	7	11	6	5
Gas	81	84	90	102	105	116	123	131	141	137	142	144	143	151	149	155	159	188	191
Natural gas transmission	5	4	5	6	7	8	8	9	9	10	10	13	14	15	14	15	16	17	17
Gas	5	4	5	6	7	8	8	9	9	10	10	13	14	15	14	15	16	17	17
Gas production and distribution	4	5	4	5	4	2	4	4	4	7	7	7	8	9	11	7	7	4	8
Gas	4	5	4	5	4	2	4	4	4	7	7	7	8	9	11	7	7	4	8
Manufacturing Industries and Construction	672	664	643	668	693	715	726	736	744	751	760	743	760	784	816	862	855	876	911
Coal	140	136	137	134	139	141	139	139	134	138	135	127	130	139	150	161	157	157	163
Petroleum	174	169	163	168	165	168	177	161	162	161	175	168	175	183	186	215	214	220	246
Gas	254	257	257	265	279	287	282	299	308	316	317	324	337	342	354	352	348	361	361
Biomass	104	102	86	101	110	118	128	136	139	136	132	124	118	121	127	134	135	138	141
Iron and Steel	57	53	51	51	57	60	61	58	58	55	52	51	54	55	62	65	64	67	68
Coal	29	27	27	26	29	29	29	27	27	27	25	22	25	27	34	35	34	35	35
Petroleum	1	1	2	1	1	2	2	1	1	1	1	2	2	2	2	2	2	2	3
Gas	27	25	22	24	27	29	31	30	30	27	26	28	27	26	26	28	28	30	30
Wood, Wood Waste	0	0	0	0															
Non-Ferrous Metals	172	183	187	190	196	197	195	198	195	200	211	201	203	208	214	232	232	239	252
Coal	47	47	50	50	51	51	49	50	47	48	48	44	46	48	50	56	53	56	61
Petroleum	41	36	35	34	33	32	33	33	32	34	43	37	37	38	37	40	38	37	52
Gas	81	96	100	104	110	112	111	113	113	116	118	117	118	120	125	135	139	143	136
Wood, Wood Waste	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Chemicals	90	92	86	88	87	89	93	90	100	98	104	110	103	91	96	88	86	82	90
Coal	13	12	12	10	11	10	11	11	11	10	12	10	9	6	6	6	6	6	6
Petroleum	51	53	51	56	54	55	60	40	45	40	46	47	42	44	43	49	51	53	52
Gas	26	26	24	22	23	24	22	39	44	48	46	53	52	41	48	33	30	23	32

Pulp, Paper and Print	38	36	36	41	42	43	43	44	42	48	48	46	47	46	49	53	53	54	53
Coal	4	3	4	3	3	3	3	3	3	8	7	8	8	9	11	12	13	12	11
Petroleum	2	2	2	2	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2
Gas	16	14	14	19	18	19	19	19	19	19	19	19	19	18	19	20	20	21	20
Wood, Wood Waste	16	16	16	17	19	20	20	20	19	19	19	18	18	18	18	18	18	19	19
Food Processing, Beverages, and Tobacco	128	126	113	127	136	145	154	161	165	161	158	143	137	141	148	173	171	170	174
Coal	13	15	14	14	14	14	15	15	14	14	13	10	9	9	9	12	12	9	10
Petroleum	6	7	6	7	7	7	6	6	6	6	2	3	2	3	16	13	13	13	13
Gas	24	24	25	26	27	29	28	27	28	28	28	28	30	30	31	33	33	32	33
Wood, Wood Waste	3	3	3	3	4	4	4	4	4	4	4	5	5	4	4	4	4	5	6
Bagasse	82	78	64	78	84	91	102	110	113	110	106	99	92	95	101	108	109	111	112
Other	188	174	171	172	175	181	179	185	184	188	189	191	216	243	248	251	248	265	274
Coal	34	32	30	31	32	35	33	33	31	32	31	32	33	40	41	40	40	39	39
Petroleum	73	69	68	68	69	71	74	80	77	77	79	89	95	99	106	107	113	124	124
Gas	79	72	71	72	74	75	71	71	75	79	80	79	93	107	107	103	100	112	109
Wood, Wood Waste	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
Mining (non-energy)	34	34	36	37	38	43	49	55	54	58	61	61	85	98	102	107	111	115	125
Coal	8	8	9	9	8	10	11	11	8	8	8	7	8	8	9	9	9	7	7
Petroleum	25	25	26	27	28	31	36	43	41	42	42	44	54	59	64	70	72	78	86
Gas	1	1	1	1	1	2	2	2	5	8	10	10	23	30	29	28	30	30	32
Non-metallic mineral products	88	79	77	77	81	83	77	79	79	81	81	85	87	101	102	98	95	107	106
Coal	25	22	21	21	23	23	21	21	22	22	22	24	24	31	31	30	30	31	32
Petroleum	5	5	5	4	5	5	5	5	5	5	5	7	8	9	8	9	9	12	12
Gas	58	51	51	51	53	54	51	51	51	53	54	53	54	61	61	58	54	66	61
Wood, Wood Waste	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1
All other manufacturing	25	24	23	23	23	23	22	21	20	19	18	17	17	16	17	18	17	17	17
Coal	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Petroleum	3	2	2	3	3	3	3	2	2	2	2	2	2	2	3	3	3	3	3
Gas	21	20	19	19	19	19	18	18	17	16	15	14	14	14	14	13	13	13	13
Construction	41	37	36	35	33	32	31	30	30	29	28	28	28	27	27	28	26	26	26
Petroleum	41	37	36	34	33	32	31	30	29	28	27	26	26	25	25	24	23	23	23
Gas	0	0	0	0	0	0	0	0	2	2	2	2	3	3	3	3	3	3	3
Commercial/Institutional	60	62	64	65	65	69	71	71	74	76	78	72	74	73	74	75	78	79	81
Coal	6	5	5	4	4	4	3	3	2	2	3	4	4	4	3	3	2	2	2
Petroleum	19	20	20	20	20	21	21	22	22	24	25	24	25	24	27	27	31	32	34
Gas	35	36	39	40	40	44	46	46	49	50	50	44	44	45	45	44	44	45	45
Wood, wood waste	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
Residential	185	188	194	202	200	208	214	217	219	216	219	221	210	222	212	208	210	212	214
Coal	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petroleum	20	20	21	22	20	20	20	20	19	19	19	19	19	20	19	17	15	16	17
Gas	90	91	95	100	98	106	112	114	117	116	119	122	126	126	127	130	134	135	137
Wood, wood waste	74	76	78	81	82	82	82	83	82	81	81	80	65	76	66	60	60	61	60
Agriculture/Forestry/Fishing	49	49	50	52	54	55	55	58	59	61	63	78	79	99	88	93	86	85	86
Petroleum	49	49	50	52	54	55	55	58	59	61	63	78	79	99	88	93	86	85	86
Gas								0	0	0	0	0	0	0	0	0	0	0	0
Other	7	7	8	8	8	10	12	12	11	10	10	10	9	9	9	9	10	16	17
Mobile	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2
Military Transport-Land	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Automotive Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ADO	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2
Military Transport-Water	2	1	2	1	2	3	4	4	3	2	2	1	1	1	1	1	2	7	7
ADO	2	1	2	1	2	3	4	4	3	2	2	1	1	1	1	1	2	7	7
Fuel Oil	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Military Transport-Aviation	3	4	5	5	6	7	7	6	6	6	6	7	6	6	6	6	6	7	7
Aviation Gasoline	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jet Kerosene	3	4	5	5	6	6	7	6	6	6	6	7	6	6	6	6	6	6	7
Other Stationary	8	7	7	8	8	8	8	8	8	8	8	8	9	9	10	10	7	7	7
Lubricants	8	7	7	8	8	8	8	8	8	8	8	8	9	9	10	10	7	7	7

Sources: Activity data derived from ABARE Australian Energy Statistics (<http://www.abare.gov.au>), supplemented by DCCEE data collections for the Electricity sector.