

Appendix 2 Historic data of energy and carbon emissions 1991/1992 to 2006/2007

The data given in Table A2.1 was obtained from BAA. It tracks existing Airport metered energy consumption and CO₂ emissions from financial year 1990/91 to 2006/07. In addition to the grid electricity and gas, the electricity generated from the existing CHP plant which became operational in 2002/03 is also indicated.

Table A2.1 Existing Single Runway Airport Metered Energy Consumption and emissions 1991/92 to 2006/07

Year	Grid Electricity	CHP Electricity	Natural Gas	CO ₂ Emissions
	kWh	kWh	kWh	tonnes
1990/91	28,090,480	-	-	55,310
1991/92	58,450,780	-	18,841,722	48,807
1992/93	56,010,580	-	13,583,144	41,760
1993/94	52,663,760	-	11,708,019	35,188
1994/95	56,417,610	-	11,372,296	35,392
1995/96	58,260,569	-	9,300,319	36,055
1996/97	58,457,164	-	10,396,591	36,392
1997/98	59,470,907	-	10,263,980	32,598
1998/99	63,494,866	-	10,205,130	34,652
1999/00	68,989,865	-	12,503,911	32,877
2000/01	72,614,647	-	21,804,252	36,355
2001/02	81,802,113	-	26,549,795	40,219
2002/03	84,116,086	1,550,456	24,581,562	40,840
2003/04	83,448,216	1,589,494	24,327,040	40,505
2004/05	85,810,988	1,675,099	20,332,448	40,762
2005/06	89,210,903	1,648,044	21,418,695	42,430
2006/07	91,291,195	1,700,000	22,725,073	43,573

Note: the existing terminal building opened in March 1991