

CHP Supplementary Reporting for European Union Countries Under the EU DIRECTIVE 2004/8/EC  
Table EU-1: Electricity and Heat production by CHP Units

Sweden

2007

Completely CHP Units (Efficiency = 75%)												
Type of cycle		Maximum capacity			Production			Fuel Input	Number of Units			
		Electricity		Heat	Electricity		Heat					
		CHP	Gross	Net	CHP	Gross	CHP					
		MW	MW	MW	GWh	GWh	TJ					
		A	B	C	D	F	G	TJ (NCV)	H	I		
Combined cycle (eff = 80%)	1	317	317	314	851	851	3246	7340		3		
Gas turbine with heat recovery	2	22	22	22	101	101	674	1151		1		
Internal Combustion engine	3	27	27	30	52	52	349	567		10		
Steam: backpressure turbine	4	3626	3626	9533	11298	11298	133761	205161		84		
Steam: condensing turbine (eff = 80%)	5	0	0	0	0	0	0	0		0		
Others	6	0	0	0	0	0	0	0		0		
Subtotal (1+2+3+4+5+6)	7	3992	3992	9899	12302	12302	138030	214219		98		
Units with a non-CHP component (Efficiency < 75%)												
Type of cycle		Maximum capacity			Production			Fuel Input	Number of Units			
		Electricity		Heat	Electricity		Heat					
		CHP	Gross	Net	CHP	Gross	CHP					
		MW	MW	MW	GWh	GWh	TJ					
Combined cycle (eff = 80%)	8	0	0	0	0	0	0	0		0		
Gas turbine with heat recovery	9	0	0	0	0	0	0	0		0		
Internal Combustion engine	10		1	905	0	2	11	29		1		
Steam: backpressure turbine	11		354	3940	0	1376	18145	32687		13		
Steam: condensing turbine (eff = 80%)	12	0	0	0	0	0	0	0		0		
Others	13	0	0	0	0	0	0	0		0		
Subtotal (8+9+10+11+12+13)	14	0	355	4845	0	1378	18156	32716		14		
Total (7+14)	15	3992	4347	14744	12302	13680	156186	246935		112		
of which Autoproducers	16	0	903	4668	0	9987	106 868	0		37		