

Gasification in Industrial Generating Stations

Table 10

Year: 2002

Fuel and Energy		Row Number	Stat. Fuel Number	Physical Unit	Amount in		GJ in %	N.c.v. kJ/kg kJ/m3
					Physical Units	GJ		
a		1	2	3	4	5	6	7
Input Fuel	Total Brown (Sub-bituminous) Coal	3601	029	t	5 115	88 496	100,00	17 301
Total Inputs		3699	x	x	x	88 496	100,00	x
Outputs	Gas Works Gas (Producer Gas)	3701	091	thous.m3	9 719	61 035	68,97	6 280
Total Outputs (Production)		3799	x	x	x	61 035	68,97	x
Losses and Balance Differencies		3637	x	x	x	27 461	31,03	x
Working Consumption	Total Fuels	3899	x	x	x	0	0,00	x
	Heat from Other Sources	3901	116	GJ	x	0	0,00	x
	Waste Heat	3902	116	GJ	x	1 904	2,15	x
	Utilized (Gained) Waste Heat	3903	116	GJ	x	0	0,00	x
	Total Heat	3900	116	GJ	x	1 904	2,15	x
	Electricity	3904	117	MWh	39	140	0,16	x
TOTAL		3839	x	x	x	2 044	2,31	x
Total Losses (incl. Working Consumption)		3639	x	x	x	29 505	33,34	x
Energy Process Effectiveness		x	x	x	x	x	67,41	x