

Table EU-1B1

CHP Supplementary Reporting for European Union Countries Under the EU DIRECTIVE 2012/27/EC

Malta
2017

PES ≥ 10% for installations > 1 MW_{electric} PES > 0% for installations < 1 MW_{electric}

completely CHP units (efficiency ≥ 75%)											
type of cycle		maximum capacity			production			fuel used		Primary energy savings	number of units
		electricity		CHP heat (useful heat)	electricity		CHP heat (useful heat)	total fuel used (for non-CHP and CHP products)	fuel used for CHP products		
		CHP	total	total	CHP	total	total				
		gross	gross	net	gross	gross	net				
		MW _{electric}	MW _{electric}	MW _{thermal}	GWh	GWh	TJ				
		A	B	C	D	E	F	G	H	I	J
Combined cycle (eff ≥ 80%)	1										
Gas turbine with heat recovery	2										
Internal Combustion engine (WSC-Barkat)	3	1.11		1.317	4.322		19.56		44.42	27.48	1
Steam: backpressure turbine	4										
Steam: condensing turbine (eff ≥ 80%)	5										
Others	6										
Subtotal (1+2+3+4+5+6)	7	1.11	0	1.317	4.322	0	19.56	0	44.42	27.48	1

Table EU-1B2

These cells normally do not need to be filled in, in case a Member State needs to fill in figures, please do so.

CHP units with lower efficiency (Efficiency < 75%)

PES ≥ 10% for installations > 1 MW_{electric} PES > 0% for installations < 1 MW_{electric}

type of cycle		maximum capacity			production			fuel used		Primary energy savings	number of units
		electricity		CHP heat (useful heat)	electricity		CHP heat (useful heat)	total fuel used (for non-CHP and CHP products)	fuel used for CHP products		
		CHP	total	total	CHP	total	total				
		gross	gross	net	gross	gross	net				
		MW _{electric}	MW _{electric}	MW _{thermal}	GWh	GWh	TJ	TJ (NCV)	TJ (NCV)	(TJ)	n
Combined cycle (eff < 80%)	8										
Gas turbine with heat recovery	9										
Internal Combustion engine (Neptune's)	10	0.049		0.09	0.052		0.36	0.8	0.8	0.02	1
Steam: backpressure turbine	11										
Steam: condensing turbine (eff < 80%)	12										
Others	13										
Subtotal (8+9+10+11+12+13)	14	0.049	0	0.09	0.052	0	0.36	0.8	0.8	0.02	1
Total (7+14)	15	1.159	0	1.407	4.374	0	19.92	0.8	45.22	27.5	2

measured data, in some Member States more data can be measured