Δ	Time interval amplitude [s]

CGT symbols

α	string "*th*" or "*ep*"
$P_{CGT}^{el,max}$	CGT maximum power [kw]
$P_{CGT,t}^{ep}$	CGT primary energy per time unit at time t [kW]
$P_{CGT,t}^{el}$	CGT electrical power at time t [kW]
$P_{CGT,t}^{th}$	CGT thermal power at time t [kW]
C_{CGT}^{α}	CGT constant
b_{CGT}^{α}	CGT constant
C_{GHT}	GH/BH cost per primary energy [€/kWh]

GH/BH symbols

β	string "*BH*" or "*GH*"
$P_{\beta}^{th,min}$	GH/BH minimum power [kW]
$P_{\beta}^{th,max}$	GH/BH maximum power [kW]
$P_{\beta,t}^{ep}$	GH/BH primary energy per time unit at time t [kW]
$P_{\beta,t}^{th}$	GH/BH thermal power at time t [kW]
C_{β}^{th}	GH/BH constant
b_{β}^{th}	GH/BH constant
C_{β}	GH/BH cost per primary energy [€/kWh]
$C_{0,BH}$	BH cost per unitary size [€/kW]

ES/TS symbols

δ	string "*th*" or "*el*"
γ	string "*ES*" or "*TS*"

$W_{\gamma}^{\delta,mAX}$	ES/TS minimum energy [kWh]
$W_{\gamma}^{\delta,min}$	ES/TS maximum energy [kWh]
$W_{\gamma,t}^{\delta}$	ES/TS energy content at time t [kWh]
$P_{\gamma,t}^{\delta}$	ES/TS power at time t [kW]
$P_{\gamma}^{\delta,d}$	ES/TS maximum power discharging [kW]
$P_{\gamma}^{\delta,c}$	ES/TS maximum power charging [kW]
$n_{\gamma}^{\delta,c}$	ES/TS charging efficiency
$n_{\gamma}^{\delta,d}$	ES/TS discharging efficiency
V_{TS}	Volume TS [m³]
$C_{0,TS}$	TS cost per unitary volume [€/m3]
ρ	density [kg/m³]

RES symbols

$P_{RES,t}^{el}$	RES power at time t

NET symbols

$P_{NET,t}^{el}$	NET power [kW]
$P_{NET,t}^{el,+}$	Power bought from the NET [kw]
$P_{NET,t}^{el,-}$	Power sold to the NET [kW]
C_{NET}^{-}	Cost of energy sold [€/kWh]
C_{NET}^{+}	Cost of energy purchased [€/kWh]

Economic symbols

w	Weighted Average Cost of Capital