

Base case data		
System parameter:		Base case value:
Average heat output	[kW]	600
Average COP		4
Average power absorbed	[kW]	150
Yearly running time	[hrs]	6.000
Heat pump costs	[€]	200.000
Installation cost as % of HP costs	[%]	25
Installation costs	[€]	50.000
Total investment costs	[€]	250.000
Yearly service costs as % of HP costs	[%]	2,5
Yearly service costs	[€]	5.000
Yearly heat production	[kWh]	3.600.000
Yearly electricity consumption	[kWh]	900.000
Specific costs of thermal energy	[€/kWh]	0,09
Specific costs of electricity	[€/kWh]	0,25
Yearly costs of electricity	[€]	157.500
Depreciation period	[a]	5
Discount rate	[%]	3
Expected technical lifetime	[a]	> 10