

Make the calculation to see how much you can save with a heat-pump.
 Remember that a large investment in a ground-source heatpump take a long time to pay off. The attractive price of the Scandinavian Air-air heatpump gives a short pay-off time!

Comparison between two standard storage heaters of 2,5kW each and one Scandinavian Heatpump E9KDE-5. Both alternatives give off the same amount of heat, 5kW, but please note that the storage heater will accumulate some of the heat that will be given off over a longer time.					
	Two regular storage heaters of 2.5kW			One Scandinavian Heat-pump E9KDE-5	
Hours used at night-rate:	8	hours		8	hours
Hours used at day-rate:	4	hours		4	hours
Watt used:	5	kW		1.36	kW
Heat developed	5	kW		5	kW
Cost at night-rate for night usage	2.80	Euro		0.76	Euro
Cost day-rate for day usage	2.89	Euro		0.79	Euro
Cost for one day+night	5.69	Euro		1.55	Euro
Cost for 4 months winter	682.32	Euro		185.59	Euro
Saving in money per 4 months:				496.73	Euro

ESB price:

Nightrate $6.16 + 13,5\% \text{ VAT} = 6.99 \text{ C/kWh}$

Dayrate $12.73 + 13,5\% \text{ VAT} = 14.45 \text{ C/kWh}$