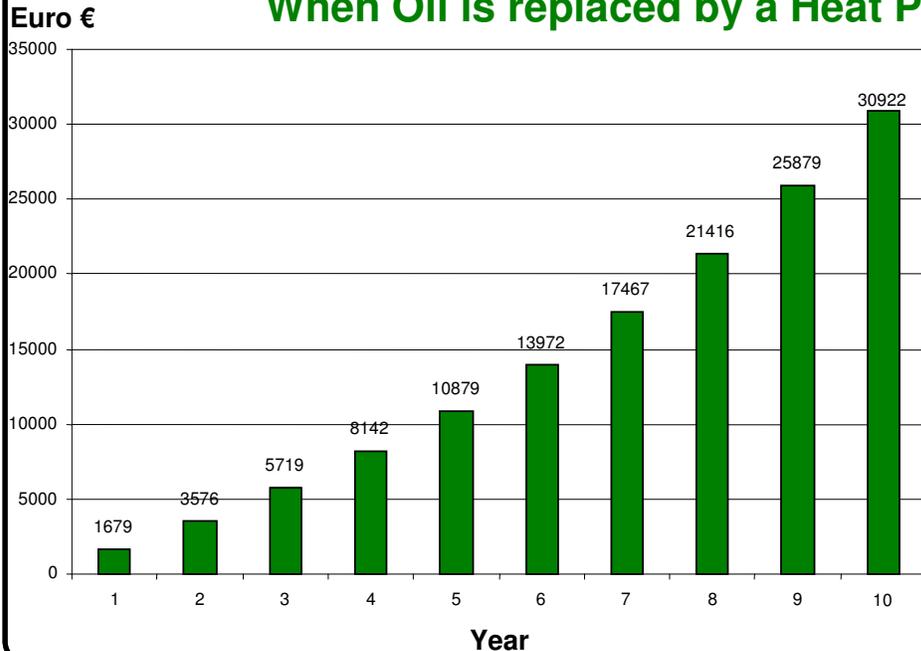


# HEAT PUMP SAVINGS

**PURE ENERGY**  
 Unit 1 Grange Business Park  
 Fedamore, Co. Limerick.  
 T-(061) 39 00 00  
 F-(061) 39 00 20  
 info@pet.ie, www.pet.ie

## Pure Energy Savings

When Oil is replaced by a Heat Pump

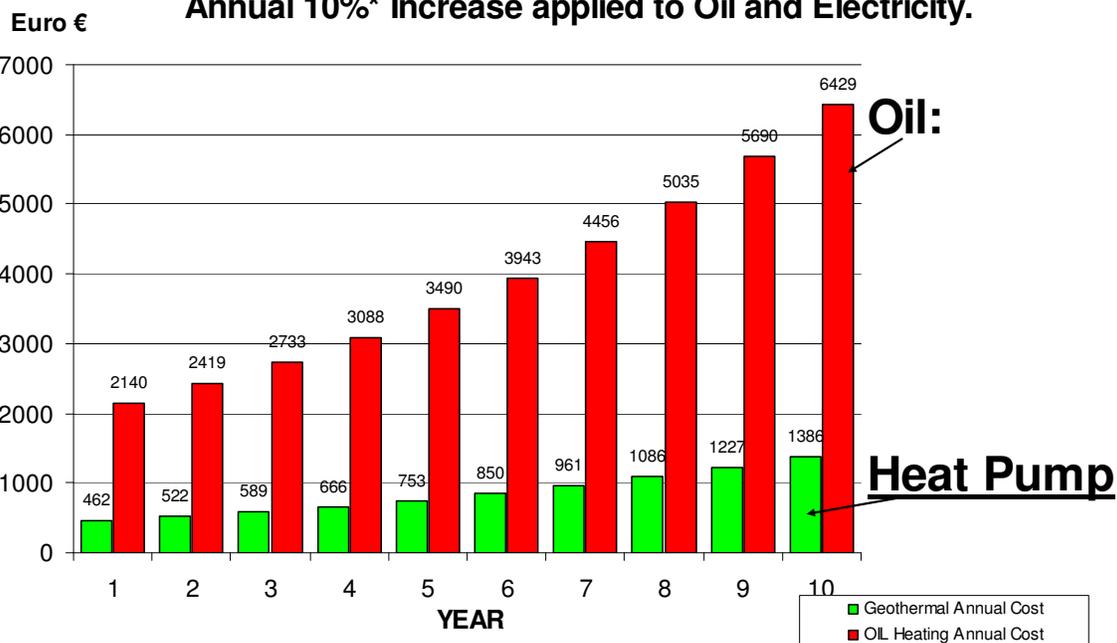


**KEY PARAMETERS.**  
**Annual Heating Requirement:**  
 21.000 KWH(Typical 2,500 sqft standard insulation)  
**OIL:**  
 Oil price increase: 13% per annum  
 Oil Burner Efficiency: 75%  
**HEAT PUMP:**  
 Electricity price increase: 13% per Year, Efficiency: 4.3, Heat Pump running 80% night, 20% Day

This example applies to a 2500 ft<sup>2</sup> house. The Heat pump system is largely protected from Fuel Price Increases since typically 75% of the Energy comes free from the environment NOT from Electricity or Oil. \* Oil prices have risen by approx 15% PA over the past two years

## Future Cost of Heating

Annual 10%\* Increase applied to Oil and Electricity.





Unit 1 Grange Business Park,  
Fedamore,  
Co. Limerick

Tel: 061 390 000  
Fax: 061 390 020  
Web: [www.pet.ie](http://www.pet.ie)

**DOMESTIC ENERGY COSTS**

	Cost/ kWh (Cents)	Cost: % of Oil	Delivered Cost/kWh	Boiler Efficiency
LPG (bulk)	14.47	135%	10.85	0.75
OIL	10.70	100%	7.49	0.70
Heat Pump (Air) (Day rate)	4.46	42%	16.06	3.60
Heat Pump (Air) (Night rate)	2.21	21%	7.95	3.60
Solar	0.00		(for Hot Water)	

Real Cost kWh 2006	% Increase
11.49	25.91%
8.67	23.41%
4.01	11.25%
1.94	13.83%