



solar



heat

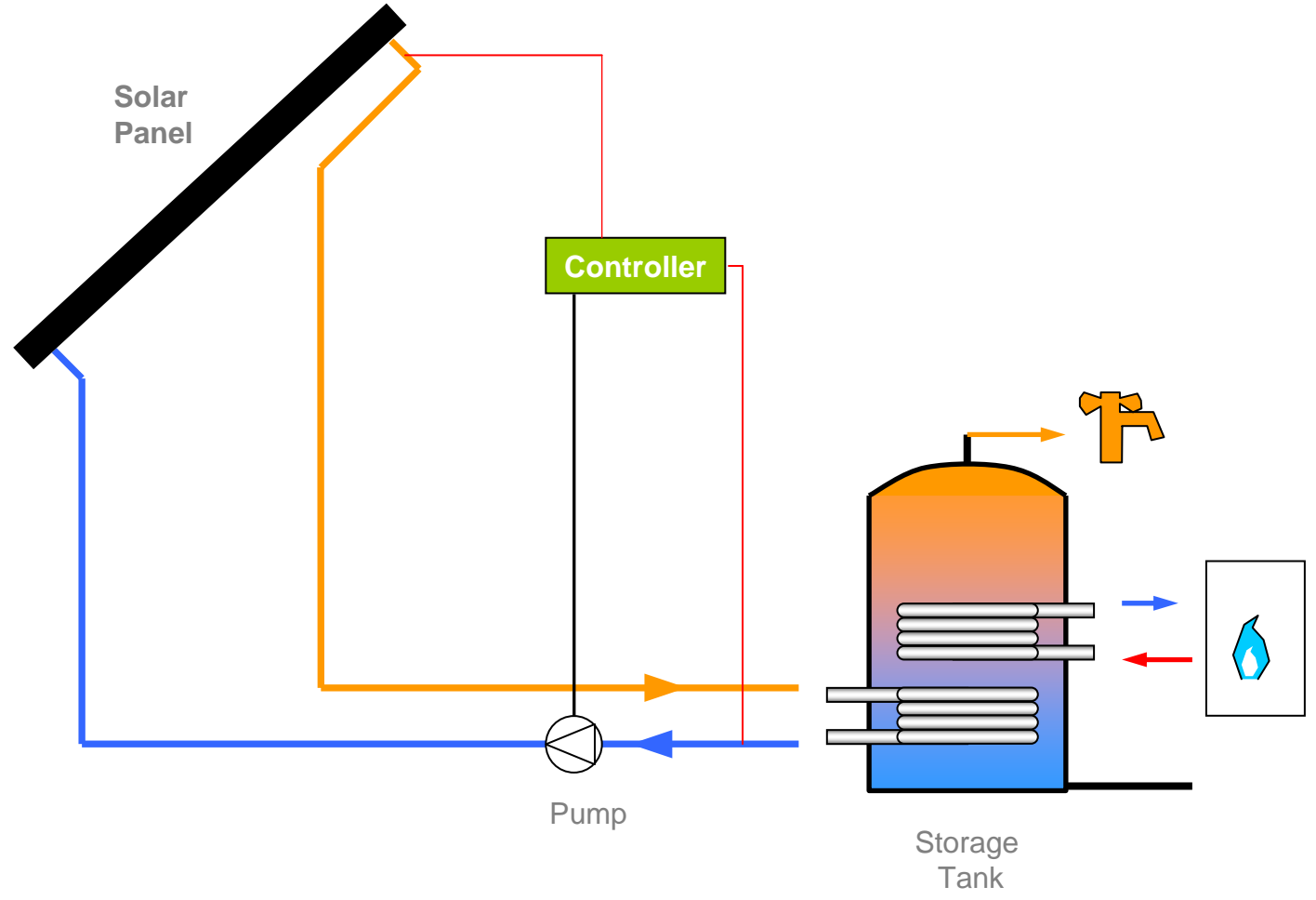
Stuart Elmes



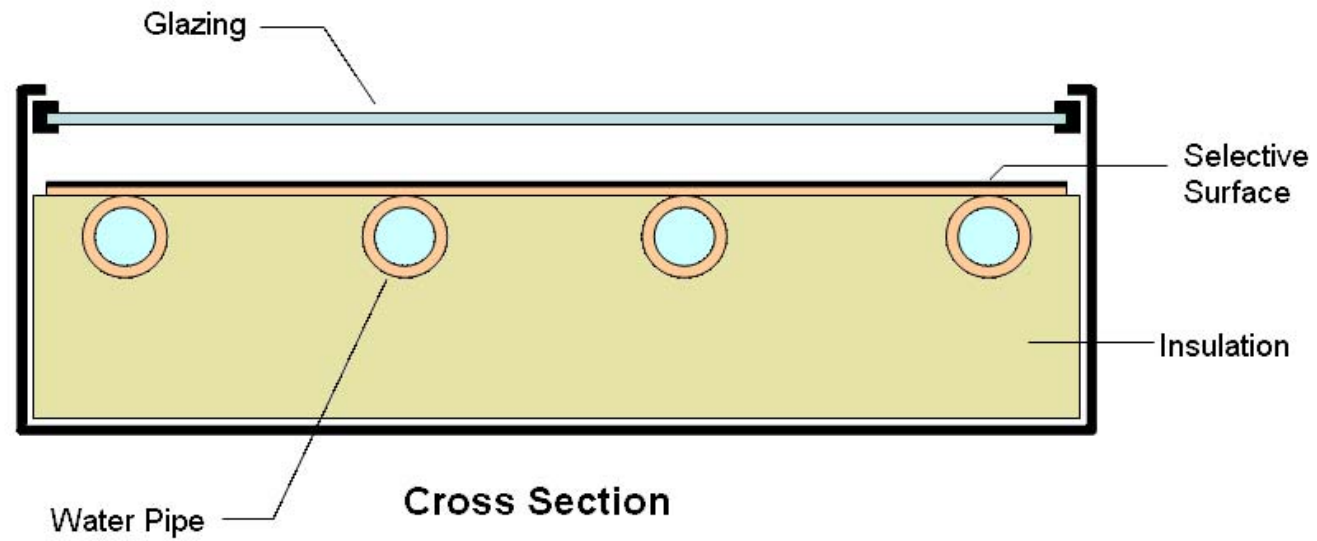
# Viridian Solar



# Conventional Installation

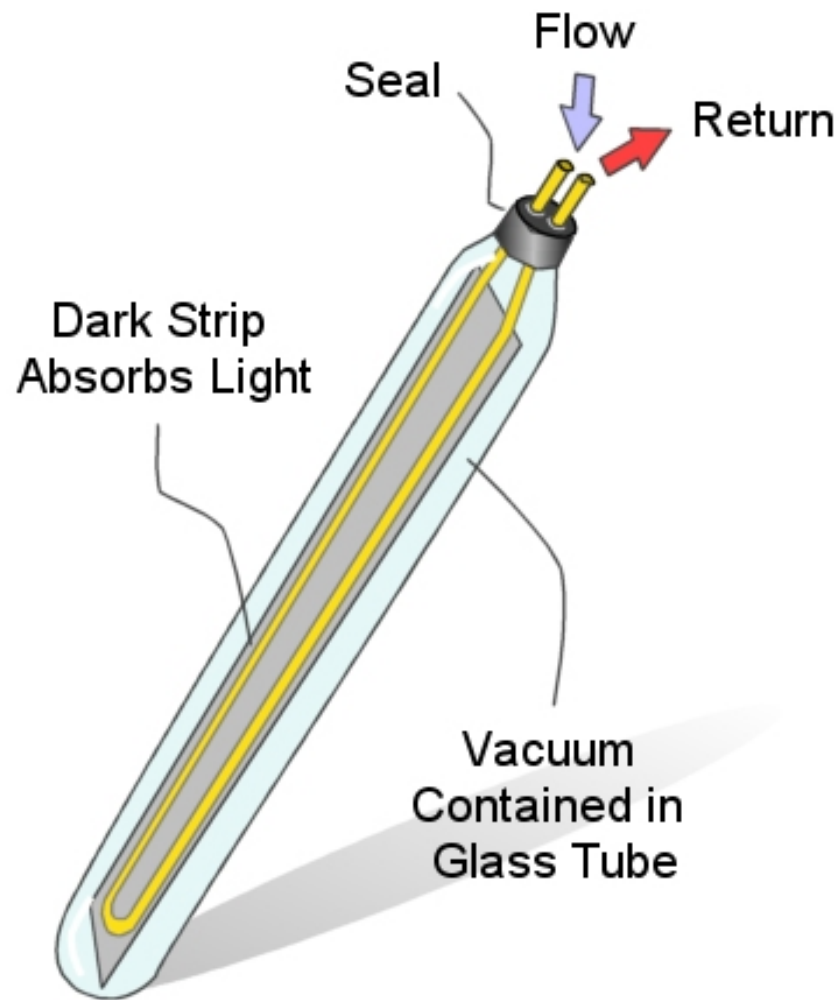


# Flat Plate





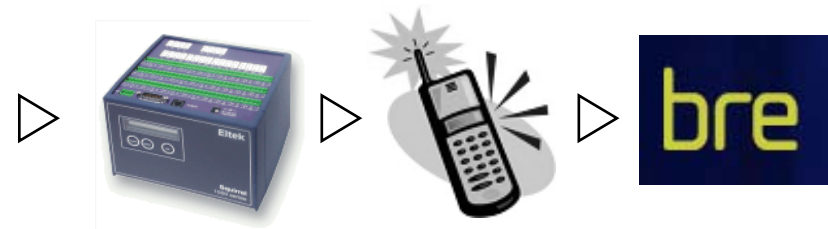
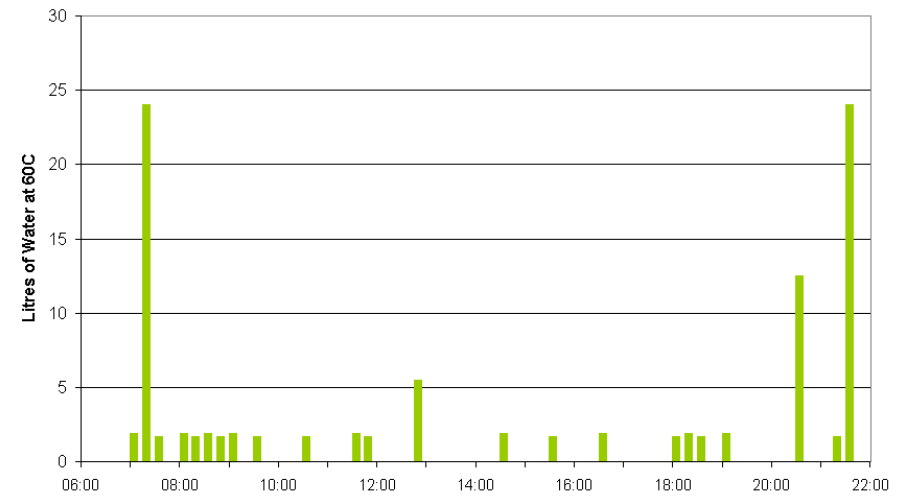
# Evacuated Tube



# Simulation House

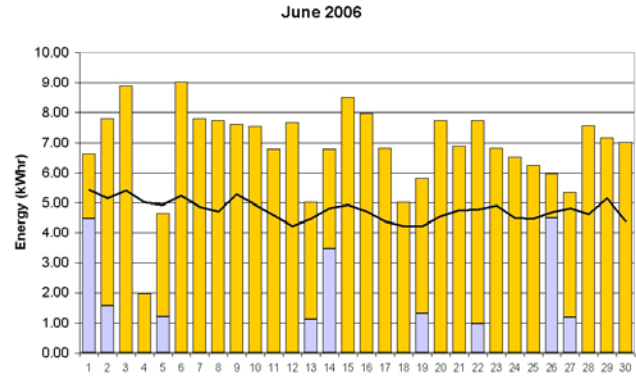
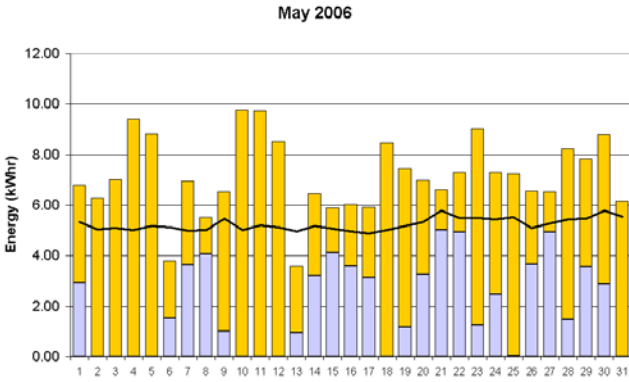
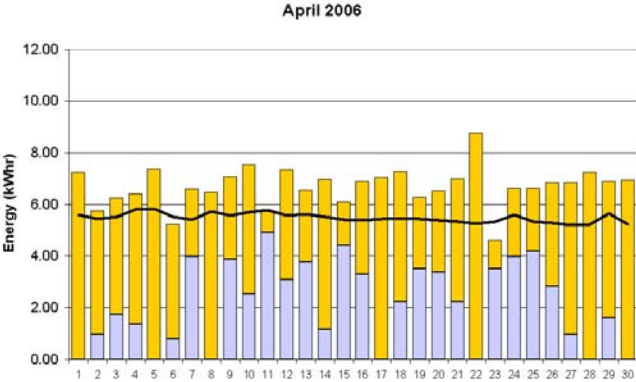
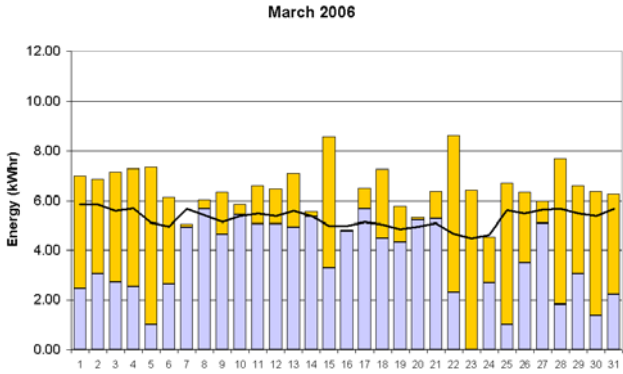


Daily Water Withdrawals



Sim house data...

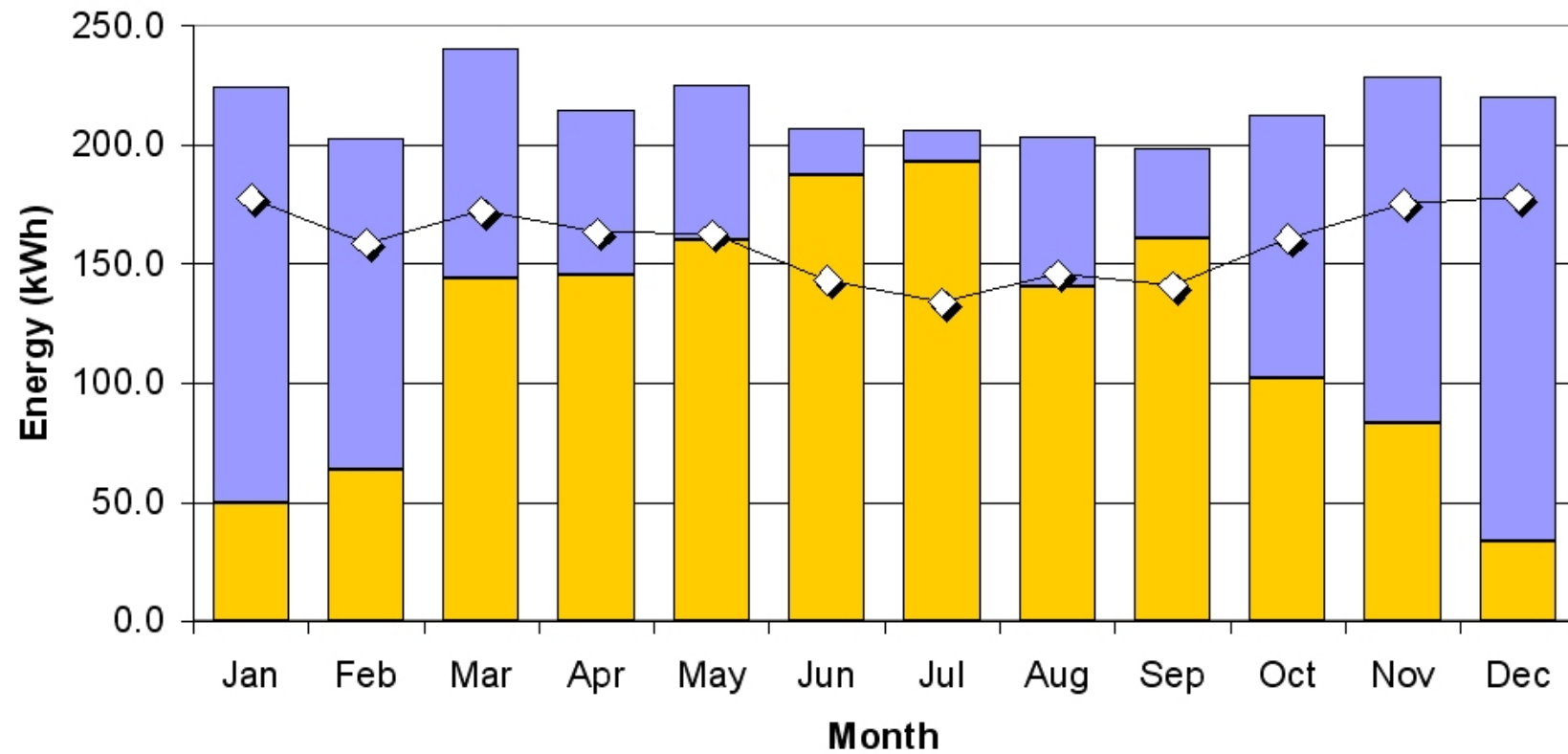
# SIM House Daily Energy



Solar Immersion Demand



## Test House Monthly Energy





# Pilot Studies



Sheffield, Places for People Group

# Pilot Studies



Haverhill, Hastoe Housing Association

# Pilot Studies



Sheffield, Places for People Group



# Pilot Studies



## Pilot Studies

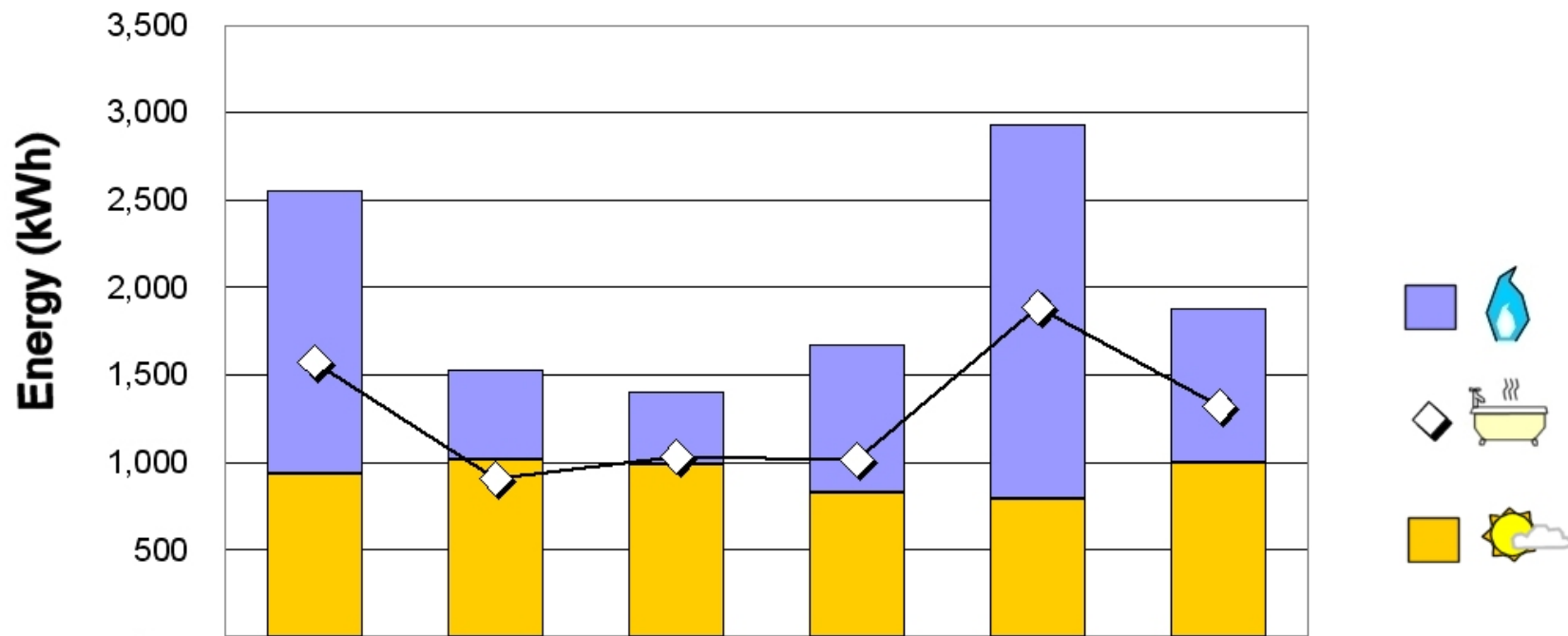
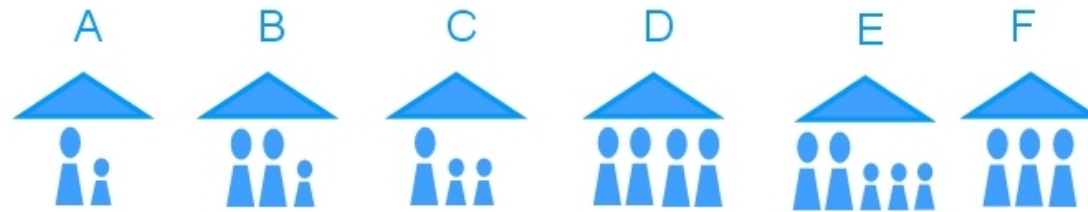


"I love it. You just whack on the tap and there's always hot water. I've hardly had the boiler on – I'd recommend it to anyone"

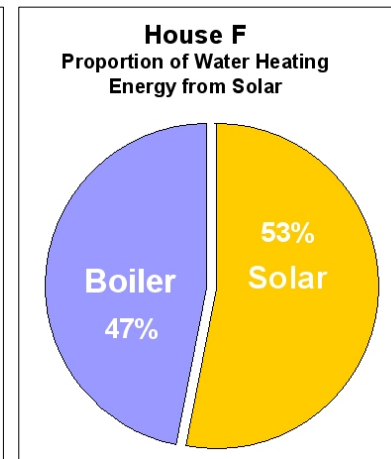
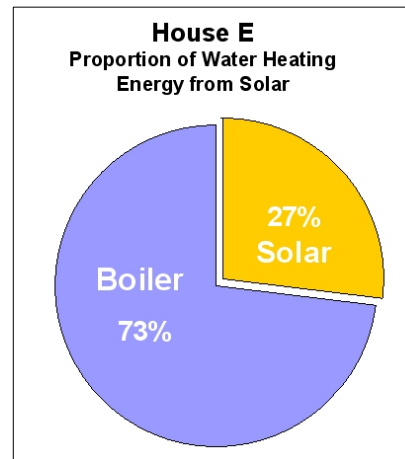
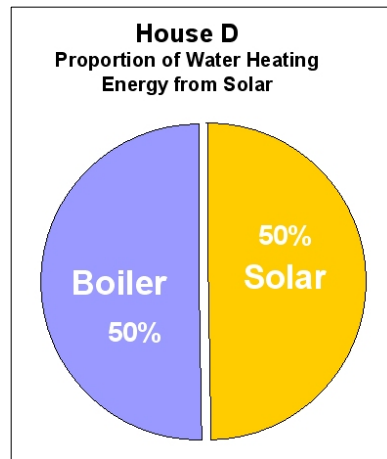
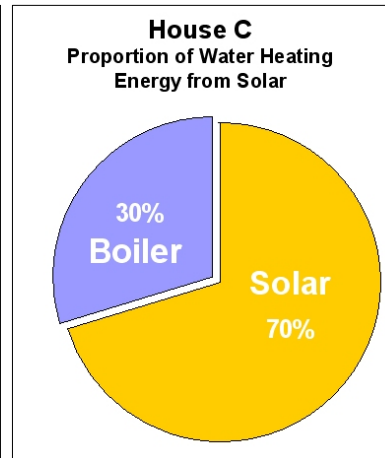
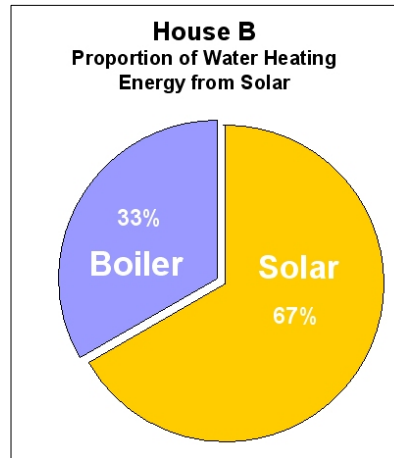
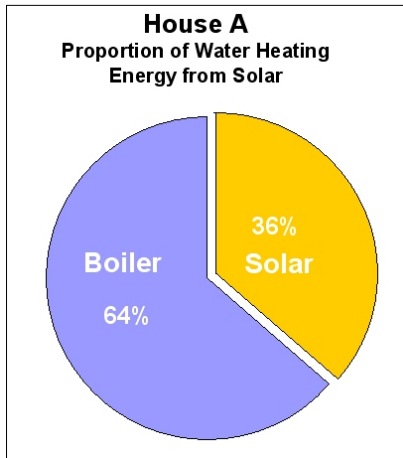
Hastoe Housing Association Resident  
Steeple Bumpstead, August 2007



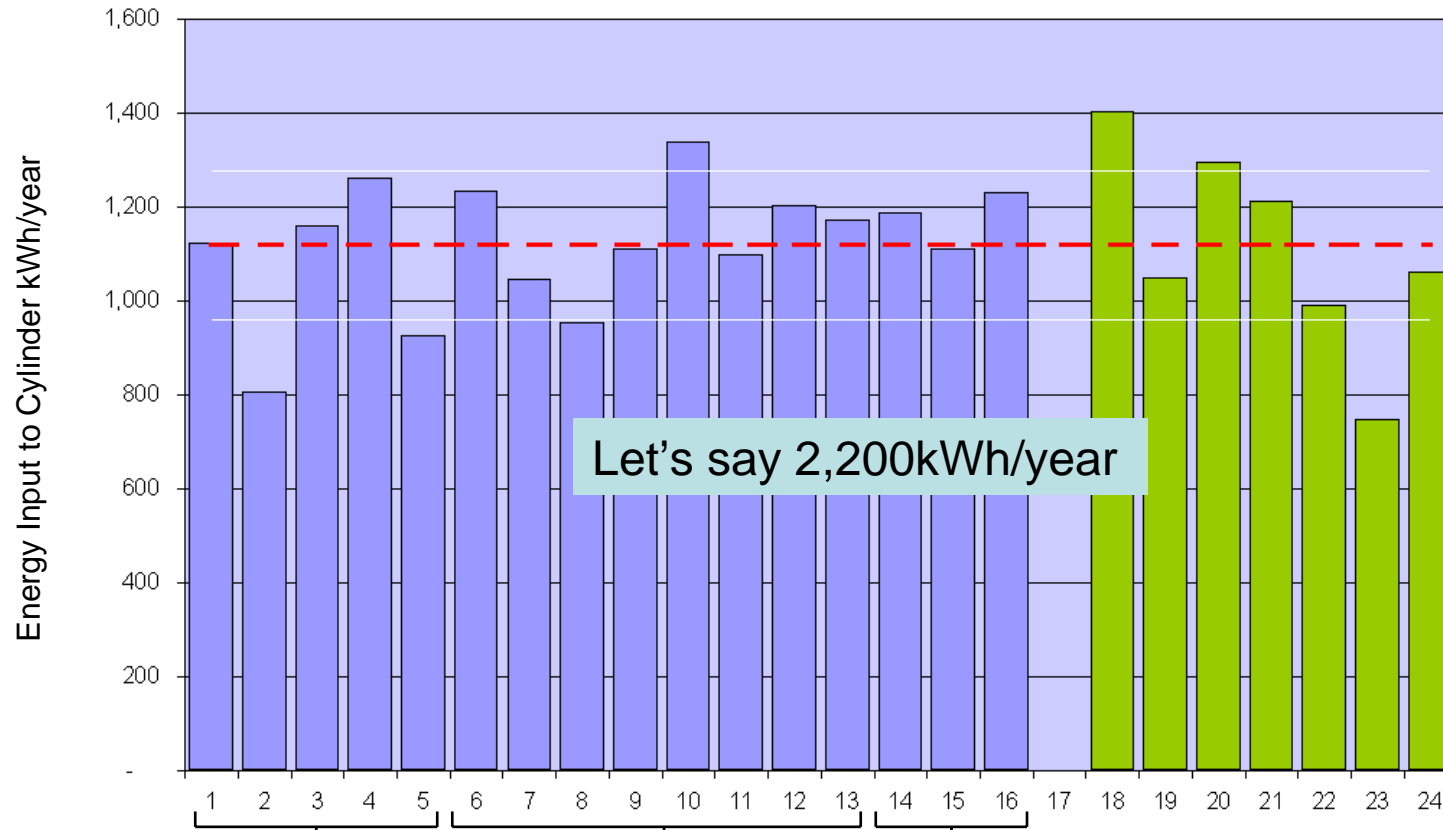
# Pilot Studies



# Pilot Studies



# Monitoring Studies in UK



# Gas Tariff



Let's say  
3.5p kWh

2,200 x  
3.5p  
£77/year

# New Build



10% planning

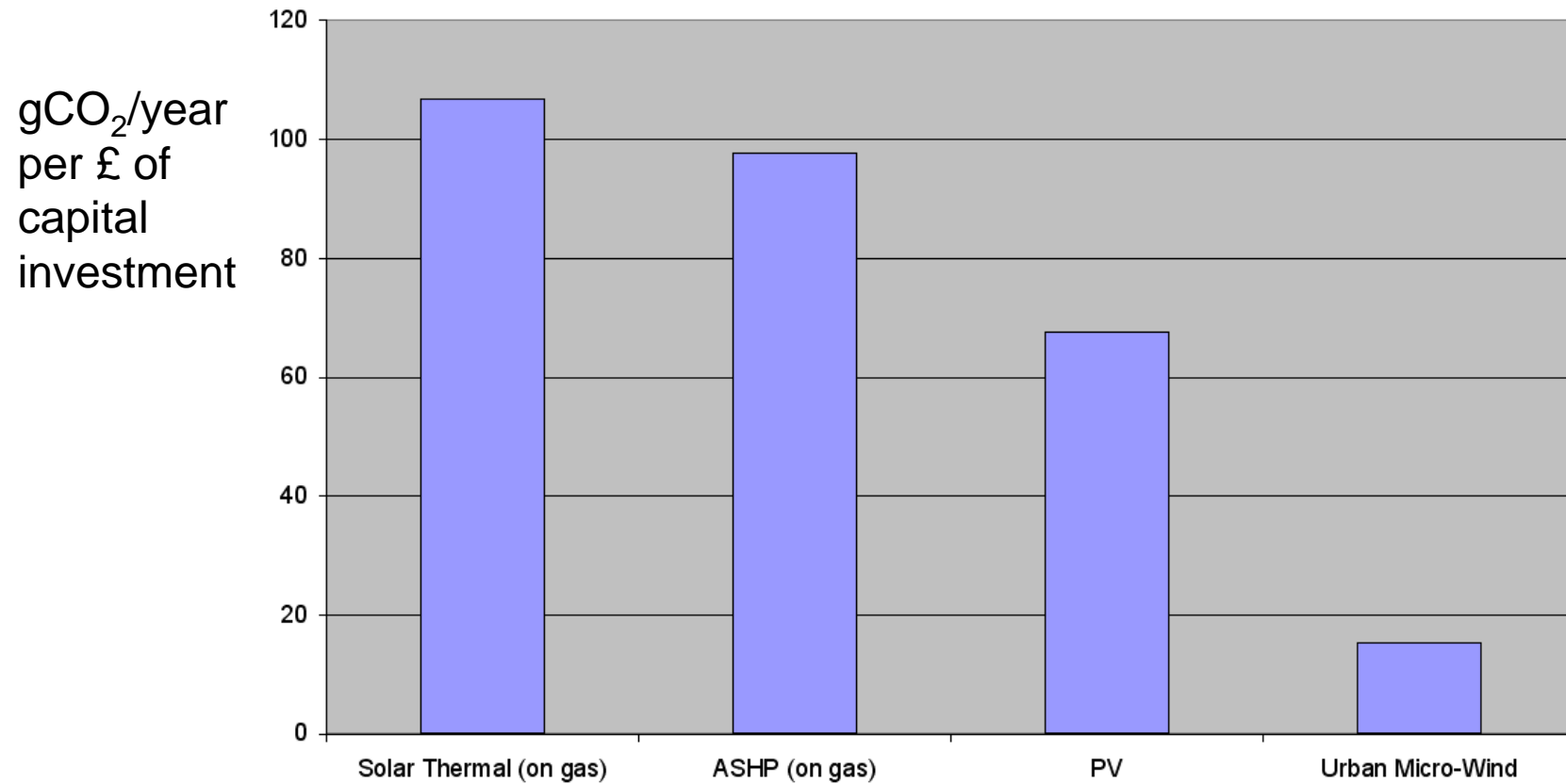


Code 3





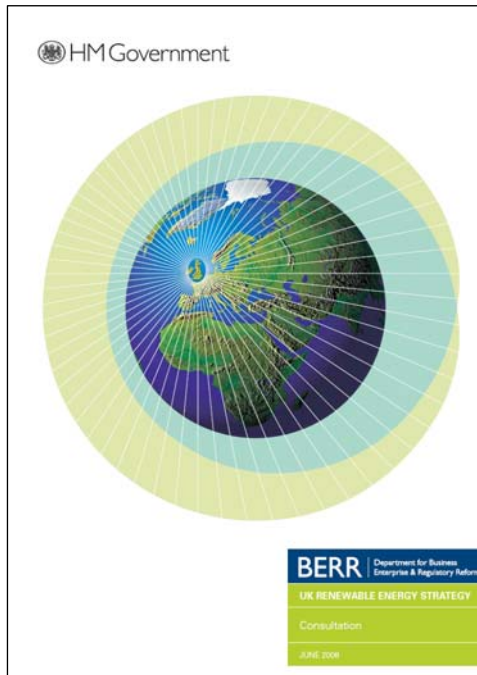
# Bang for Buck



Sources:

EST web site, Warwick Wind Trial,  
DTI consultation document 2005.

15% by 2020



“ 7 million solar thermal installations”

