

Figure 4: House type 2 (3 bed semi-detached, cavity wall construction)										
Green Deal measure	Existing	Upgrade required	Energy saved (kW/yr)		Lifetime of measure (years)	Capital Cost	Payback at differing interest rates (%) (years)			
			Electricity	Gas			6	3	9	12
Cavity wall insulation	None	Full fill, injected insulation	0	7,564	60	£491	2	2	2	2
Loft insulation	100mm	Add 125mm to achieve U-value of 0.16 W/m²K	0	901	40 - 50	£427	22	16	29	33
Ground floor insulation	Some insulation present to achieve U-value of 0.5W/m²K	Add 5mm board insulation with 50mm screed to achieve U-value of 0.24 W/m²K	0	411	40 - 50	£1,524	-	-	-	-
Glazing	Assume average U-value of 2.5W/m²K	Replace old uPVC framed double glazing with new to achieve target U-value	-41	798	20 - 30	£4,614	-	-	-	-
Draughtproofing	Some present	Add:Snake draft excluders Ecoflap Chimney balloons	0	398	5 - 10 (20 if they carry the Red Kite mark)	£59	4	4	5	5
Tank (and pipe) insulation	Some present	Add 30mm jacket and insulation to pipe runs	0	256	30 - 40	£250	-	-	-	-
Heating system	Replace boiler	Install boiler with >90% efficiency	-45	5,118	Min 15	£900	5	5	6	6
Heating controls	Basic thermostat	Install advanced controls (ie. delayed start thermostat, Thermostatic radiator Valves (TRVs)	0	4,413	15 - 20	£500	3	3	3	4

Modelling assumptions as opposite