

Energy Facts & Figures

Energy supply	Lifetime	Annual
<u>Octopus fixed contract 29/3/21-29/3/22 for all-electric green energy supply</u>		
6740 kWh supplied @ 16.03p/kWh		£1080.42
365 days @ 23.18p/day		<u>£84.61</u>
TOTAL		£1165.03
Annual cost projection for 22-23 on current variable-rate tariff:		
6740 kWh supplied @ 26.53p/kWh		£1788.12
365 days @ 45.58p/day		<u>£166.37</u>
TOTAL		£1954.49
<u>PV System generation 5/4/11-24/3/22</u>		
35581 kWh generated in 10.97 years: average 3243 kWh/year		
Installation cost 8/4/11	£13965.00	
Servicing and cleaning cost 19/8/21	<u>£ 1742.81</u>	
TOTAL	£15707.81	
TOTAL FIT payments to 20/12/21	£17975.43	
Annual FIT projection at effective rate of £58.0p/kWh (Payable for 25 years to April 2036)		£1881.12
PV Energy generated 29/3/21-24/3/22: 3328kWh (3374 kWh/yr)		
PV Energy exported 29/3/21-24/3/22: 2194kWh (2224 kWh/yr)		
PV Energy used 29/3/21-24/3/22: 1134kWh (1150 kWh/yr)		
Energy imported 29/3/21-24/3/22: 6688kWh (6781 kWh/yr)		
<u>ASHP System</u>		
Heat delivered 30/3/21-27/3/22	14594.3 kWh	
Energy consumed 30/3/21-29/3/22	5151.6 kWh	
Net energy generated 30/3/21-29/3/22	9442.7 kWh	
Heat Pump & Installation	£10906.04	
Radiator replacement	<u>£1396.53</u>	
TOTAL	£12302.57	
TOTAL RHI payments to 7/3/22:	£1419.06	
Annual RHI projection at rate of £284.29/qtr (Payable for 7 years to December 2027)	£7960.00	£1137.16