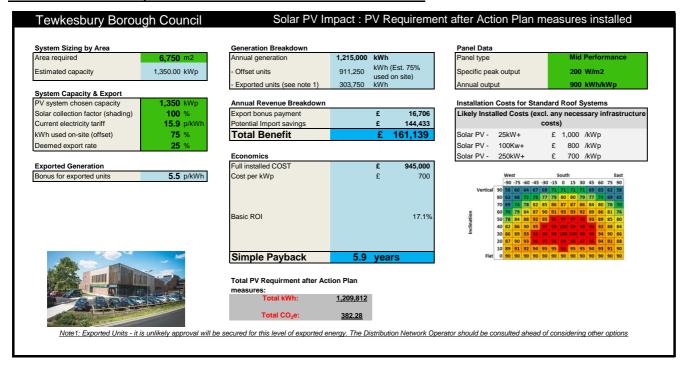
## Total combined PV requirement of all Action Plan Recommendations



Comments

This calculator shows the required solar array required to generate the energy demand at the council by converting all fuel emissions into kWh. The cost of this solution + the cost of the ASHP + the cost of implementing the Demand Reduction measures can be compared against the estimated savings to produce ballpark ROI

All Gas consumption has been displaced by ASHP or c

KWh

r\vv	/n	_
5	523,737	ASHP elec demand
	15,064	TBC Owned Cars (if EV) demand
	40,034	Grey Fleet Offset
	6,582	Water offset required
6	524,395	Remaining elec demand after demand reduction implemented

New demand 1,209,812 total Kwh to be RE Generated 40.37% 59.62% equiv energy removed before

2,208,033 Gas kWh 726,452 Elec kWh

> 6,858 Water kWh 40,034 Grey Fleet kWh

15,064 TBC Owned Fleet (excl UBICO) kWh

Baseline total kWh by converting all fuel into kWh for illustration of extent of energy demand reduction

2,996,441