

Savings per Customer Segment (£) = Ofgem bill - Coop usage bill & Carbon Savaging (Tonnes)

Customer Segment	System Details	First year savings all members	Lease Term Savings (7.7 years) per customer £	Lease plus 10 Years (17.7 years)	2026-2050 25Years	Discount set in Model
Residential	2.89kWp, 5kWh battery (Tandem)	£256,085	£4,429	£12,740	£21,109	50%
Tonnes Carbon Savings from grid			5	14	22	
Shared Roof (per bill paying customer)	2.89kWp equivalent, 4.69kWh battery		£4,118	£11,777	£19,495	
Tonnes Carbon Savings from grid			5	14	20	
BIPV	2.89kWp, 5kWh battery (Tandem)		£4,429	£12,366	£21,745	
Tonnes Carbon Savings from grid		£0	£5	£14	£22	
SME	31kWp, 62.5kWh battery (TopCon)		£45,329	£119,400	£197,393	
Tonnes Carbon Savings from grid			67	170	247	
Community/ Public	61.5kWp, 123.75kWh battery (TopCon)		£77,800	£212,009	£360,607	
Tonnes Carbon Savings from grid			117	304	451	
Tonnes Carbon Savings from grid	0.233					
Carbon saving factor	kg CO₂/kWh for grid electricity saved					
	Annual Carbon Savings (kg CO ₂) = Grid Electricity Avoided (kWh) × 0.233 kg CO ₂ /kWh Grid Electricity Avoided = Total Annual Usage - Annual Import Requirements / 1000 for Tonnes					