

## 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 £	Savings over 10 years	Lease plus 10 Years (17.7 years)	2026-2050 25Years	Discount set in Model
Residential	2.89kWp, 5kWh battery (Tandem)	£256,085	£4,429	£6,094	£12,740	£21,109	
Tonnes Carbon Savings from grid			5	7	14	22	50%
Shared Roof (per bill paying customer)	2.89kWp equivalent, 4.69kWh battery		£4,118		£11,777	£19,495	
Tonnes Carbon Savings from grid			5	52	14	20	
BIPV	2.89kWp, 5kWh battery (Tandem)		£4,429		£12,366	£21,745	
Tonnes Carbon Savings from grid			5	7	14	22	
SME	31kWp, 62.5kWh battery (Tandem)		£45,329		£119,400	£197,393	
Tonnes Carbon Savings from grid			67	88	170	247	
Community/ Public	61.5kWp, 123.75kWh battery (Tandem)		£77,800		£212,009	£360,607	
Tonnes Carbon Savings from grid			117	154	304	451	
Tonnes Carbon Savings from grid	0.233						
Carbon saving factor	kg CO <sub>2</sub> /kWh for grid electricity saved						
Notes	Annual Carbon Savings (kg CO <sub>2</sub> ) = Grid Electricity Avoided (kWh) × 0.233 kg CO <sub>2</sub> /kWh Grid Electricity Avoided = Total Annual Usage - Annual Import Requirements / 1000 for Tonnes						