

Savings by Customer Type: £Bills (Ofgem Price Cap - Coop Bill) & Tonnes of Carbon Savings

Customer Type	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 25 Years	2026-2050 25 Years All Direct Customers £bn	2026-2050 25 Years All Direct & Wholesale Customers	Discount from Ofgem Price Cap
Residential	2.89kWp, 5kWh battery	£255,980	£4,427	£6,091	£12,560	£20,357	£86.24		50%
Tonnes Carbon Savings from grid			5	7	14	21	36,331,701	143,076,404	
Shared Roof (per bill paying customer)	2.89kWp equivalent, 4.69kWh battery		£4,117		£11,686	£19,122	£42.22		50%
Tonnes Carbon Savings from grid			5	52	14	20	17,840,131	24,594,120	
SME	31kWp, 62.5kWh battery		£45,329		£121,045	£201,691	£38.62		50%
Tonnes Carbon Savings from grid			70	92	176	255	19,965,425	24,576,382	
Community/ Public	61.5kWp, 123.75kWh battery		£77,800		£212,009	£360,607	£125.43		50%
Tonnes Carbon Savings from grid			122	159	309	456	16,872,254	19,177,480	
BIPV	2.89kWp, 5kWh battery		£4,427		£12,216	£20,988	£7.30		50%
Tonnes Carbon Savings from grid			5	7	14	21	3,053,000	11,411,097	
To 2050 Total customer bill savings £bn	£300	Total average saving per member £	£42,351						
Tonnes Carbon Savings from grid	94 MegaTonnes for all direct customers	Carbon saving factor (kg CO ₂ /kWh for grid electricity saved)	Carbon saving factor (kg CO ₂ /kWh for grid electricity saved)	0.233			223 MegaTonnes all direct & wholesale customers		
Notes	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. Annual usage grows approx 2.8% from 2025. Annual import grows as well due to PV degradation at 0.6%/year								