

Appendix 5 – Outputs from separately collected food waste delivered into Severn Trent Green Power

Data source: Severn Trent Green Power

			INPUTS
Tonnes Treated	t	2,142	
Biogas Produced	m ³	406,980	
Energy Generated-Electric Equivalent	MWh e	1,001	
Electricity expressed as number of kettles boiled	kettles boiled	10,011,708	
hours of fav tv show (large lcd tv)	hours	20,023,416	based on 50 watts consumptions
hours run for 10 watt bulb	hours	100,117,080	
fridge freezer powered for a year	ff powered for a year	3,337	based on 300kWh per annum
Digestate Fertiliser Produced	t	2,999	
homes powered for a year	homes for a year	237	
homes powered for a day	homes	86,451	