

4 – RUBBISH CUTDOWN

00:00 – 00:03 Have you ever wondered what happens to your non-recyclable rubbish?

00:04 – 00:06 Where it's taken, and what it's turned into?

00:06 – 00:08 You have? Great! Let's go and find out.

00:09 – 00:15 Sadly, not all of the things we put in our bins can be recycled, however, it can still be useful.

00:16 – 00:21 Your general rubbish is collected every two weeks and taken to the Beddington Energy Recovery Facility in Sutton.

00:22 – 00:28 Here it's burnt at high temperatures in strictly controlled conditions that make sure it's efficient and safe.

00:29 – 00:33 The heat produces steam, which in turn drives a turbine and generates electricity.

00:33 – 00:34 And lots of it!

00:35 – 00:40 The facility produces enough energy to power itself, plus around 55000 homes.

00:40 – 00:45 Even the leftover ash gets reprocessed and reused – in road building and construction.

00:45 – 00:50 Clever stuff eh? And much better than burying it in landfill, which is what used to happen.

00:50 – 00:58 But it's important to remember that once this material is burnt, it's gone forever. So, anything that can be recycled, should be recycled.

01:00 – 01:03 Thank you for helping us recycle more and waste less.