

TOOLBOX

Is your site running as efficiently as it can?



Did you know?

- Clean-outs and over spills can add up to 20% of your site's total energy costs.
- Every tonne of stone passing through the dryer uses about 9 litres of oil – this is wasted if the stone returns to the stockpile.
- Motors typically account for the largest electricity bills, so don't leave them running unnecessarily – find out how long you should leave a piece of equipment running before turning it off.
- The energy cost of starting up the plant can be more than the value of a small run of product, especially if clean-outs are required.

Take action to save energy...

1

List any equipment likely to be left running unnecessarily, identify why this happens and consider ways to avoid it – like automatic shut down.

4

List all big motors and identify when to switch them off before they are needed again. (Be sure to link this into your motor policy, including control and switchgear conditions.)

2

Agree guidelines for small runs of product or changing product at short notice – like how much tonnage is worth starting up the plant for once it is shut down.

5

Create a standard operating procedure for start up and switch off with clear timed steps.

3

Measure and keep a record of the actual tonnes of clean outs and overflows to uncover the hidden energy waste.



Take action and here's what you can save:

Cut your clean-outs and overflows in half and save up to 10% of your plant's energy – that could equal 250 tonnes of carbon or £50,000!



Add your actions to your site's energy saving plan and start counting the savings.