

### **Food processing plant in Brits**

Back in 2013, the **customer needed additional capacity** on his electrical supply in order to install an additional production line.

The cost quoted by Eskom for the additional capacity was in excess of R 2,000,000

We **data logged** the customer's profile for a week to determine whether a PFC intervention would free up sufficient capacity for him to add the production line to his existing installation

	<b>Transformer 1</b>	<b>Transformer 2</b>	<b>Total</b>
<b>kW</b>	593	528	1121
<b>pf (before)</b>	0,84	0,79	0,81
<b>kVA (before)</b>	711	668	1379
<b>pf (after)</b>	0,99	0,99	0,99
<b>kVA (after)</b>	599	533	1132
<b>Saving (kVA/month)</b>	111	135	246

By installing the recommended **PFC equipment at a cost of R 500,000**, the customer was able to add the factory expansion he needed without a supply upgrade

