

## HIDE PROCESSING/ TANNING

The team at BCW Carbon and Energy are panel consultants for the NSW Government Energy Saver Program run by the Office of Environment and Heritage.

We conducted a Level Two Energy Audit through the Energy Saver program for a hide processing and tanning facility. The energy audit was focussed on providing practical and costed savings opportunities to help reduce the business bottom line.

Through a range of operational changes and equipment upgrades, significant savings were achieved. The direct energy savings from implemented projects total more than \$104,000 per annum, with an average simple payback of just over 1 year and more than 436 tonnes pa reduction of carbon emissions.

The implemented projects included a range of technologies including:

- Variable speed drives
- Lighting Upgrade
- Fuel switching
- Modification of compressed air system
- Shift in time of day for one process operation

After the energy audit was completed, BCW assisted the client to apply, successfully, for Federal Government grant funding through the Clean Technology Investment Program. The result was that all of the key opportunities we recommended were implemented with a 50% grant for capital.

The audit report included a number of smaller cost effective opportunities that the client can implement over time to further reduce their energy costs.

