

INDEPENDENT TESTING CONFIRMS COLDRY EXCELS IN GASIFICATION

9 September 2008: ECT (ASX:ESI) has received the results of independent testing of the Coldry pellet by HRL Technology confirming it is an ideal product for use in new brown and black coal fired power stations.

ECT Chief Executive Kos Galtos said the HRL Gasification Reactivity of Coldry Pellets report shows the product is appropriate for use in both fluidised bed and entrained flow gasification models.

“ECT’s Coldry pellets are a serious alternative approach to HRL’s own IDGCC process,” Mr Galtos said.

“Coldry pellets are the cheapest method of drying brown coal, making it highly commercial for gasification”

“In addition, Coldry pellets have a greater burning efficiency than any other known brown coal technology and by using these in gasification models, carbon emissions will be significantly reduced.”

ECT provided quantities of Coldry pellets, produced from coal used by two of the three local brown coal power stations, of differing diameters to HRL for CO₂ gasification testing.

HRL is the pre-eminent testing company for brown coal and stated in its report that it had, “...tested a wide range of samples for clients under similar conditions.”

“The reactivity of the Coldry pellet is in keeping with the trend observed for the other coals and the high reactivity of the Coldry pellet is related to the high level of acid extractable Fe and Ca present,” the report stated.

“The reactivity of the sample is considered as ‘high’ and it would be expected that the Coldry pellets would be suitable for use in a fluidised-bed gasification application.”

This report adds further enhancement to ECT’s growing confidence around the global potential of its Coldry product for numerous purposes, including energy generation, Coal to Oil, Coal to Urea and our own patented Matmor Steel process.

“We now have an independent third party report in-hand confirming new generation coal power stations, which will undoubtedly use gasification technology, are another global market for ECT to capture.”

If you have any queries, please do not hesitate to contact the Chief Executive, Kos Galtos on +61 (0)3 9684 0888.