

TULLIS RUSSELL PAPERMAKERS



PROJECT | ENERGY GENERATION & DISTRIBUTION, MARKINCH

OUR ROLE | ENERGY APPRAISAL, DESIGN, CDM COORDINATOR & PROJECT MANAGEMENT

PROJECT BUDGET | 1.5 MILLION FOR THE RE-INSULATION CONTRACT

At their extensive paper-making facility in Fife, Tullis Russell has relied for 15 on NIFES for energy / engineering expertise.



We are currently assisting them with implementation of a £110m, 45MW_e biomass steam turbine CHP that will deliver 6% of the Scottish Government's entire Renewable Energy Target.



"Tremendously exciting with huge economic and environmental benefits for Scotland"

Alex Salmond, First Minister

Whilst two thirds of the electricity will be exported to the Grid, the steam will be used on site and over 2km of steam mains are currently being re-insulated.

NIFES sourced a new ultra high-performance nanoporous aerogel insulation that enabled the client to exceed their energy reduction targets.

The selected insulation also improves safety when working with the 400°C live steam mains.



Thermal imaging techniques are being employed to ensure the insulation application and weather sealing details deliver the required performance.