

Enriva / Polytechnik Commission Van Wyk Flowers Biomass Energy Plant

The project, now in full operation for one month, will offset 60,000 tonnes of CO₂e over its expected lifetime by using otherwise discarded forestry and timber processing residues collected from the area. Located at Lyndhurst just outside Melbourne Victoria, Van Wyk Flowers (VWF) is a grower wholesaler and florist specialising in many varieties including roses, gerberas and lisianthus.

Almost overnight they were faced with a drastic increase in gas prices which threatened the immediate viability of this long-standing family run business. Enriva Pty Ltd as Owner's Engineer delivered the complete project including preliminary feasibility and engineering, waste fuel sourcing, supplier bids, budget management, detailed system engineering and integration, procurement, equipment consolidation and transport, management of construction, installation, commissioning and balance of plant.

The solution, now in full operation, includes a new 2.95MW waste to energy biomass plant, fuel handling and emissions control by Austrian specialist Polytechnik Biomass Energy.

The project also boasts a two million litre insulated heat store, transport station, and underground district main which delivers energy to existing distribution centres around the property.

