Expanded Information Display Template – Woody Biomass Direct Heat – Supply Chain

Company Name and Contact Details:

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Energy Solutions For Industry

LivingEnergy

Living Energy was established in 2003 with the sole focus of supplying cost-effective wood energy solutions to commercial and industrial heat users. In order to do this we offer the most fuel-flexible industrial wood chip boilers available in the small to mid size range (150kW to 8000kW). By tapping into our knowledge of dozens of European installations, as well as our extensive practical experience of wood boilers and local fuel supply options, we specialise in formulating fit-for-purpose solutions that best suit a sites particular circumstances, to ensure an optimal boiler solution and an optimal fuel store – an often ignored but vital component.

Living Energy have installed over 31,000 kW of wood-fired boilers in the last 4 years, with 6 wood chip boilers installed in 2009 and several more planned for 2010. These are across a range of sectors from sawmills to schools, hostels, swimming pools, waste-water treatment plants and hospitals. Our years in the market, as well as these successes, puts us at the forefront of broadening the use of wood energy in Australasia.

Living Energy are partnered with Visdamax, who supply the Bio T-Burner sawdust and chip boiler, as well as fuel storage silos, to the wood products sector, with boiler solutions of up to 30MW (modular). Together we have installed 5 Visdamax boilers since 2007.

We are also partnered with Binder gmbH of Austria, who specialise in providing robust and highly automated wood chip and pellet boilers in the range 150kW to 8000kW. These are of heavy industrial quality with a full reciprocating grate, designed to operate 24 x 7 on large fuels at up to 55% mc and 6% ash, so are well suited to supplying process heat using coarser fuels.

We also represent Hargassner gmbH of Austria who supply wood chip and pellet boilers up to 200kW. These are also highly automated (auto ignition, tube cleaning, ash removal etc), although less 'industrial' than the heaviest-in-market Binder. These boilers can utilise wood chip at up to 35% mc, and are well suited to hotels, swimming pools, schools etc.

Living Energy also supplies fuel reception and recovery systems, as well as all other ancillary equipment required (flues, accumulator tanks etc). Finally, we also represent Laimet chippers as well as Exotek and Schaller bucket-type wood fuel moisture meters.

Core Skill(s) / Product Offered

- Boiler and fuel supplier
- Total turn-key project delivery
- Consultancy and free advice re optimum project configurations, plant sizing and equipment layout
- On-going supply of fuel, servicing and support.

Location in the Supply Chain:

- Boiler and Fuel supplier.

Core Product/Activity:

- Supply and turn-key installation of wood-fired boilers from 50kW to 30,000kW
- Formulating cost-effective wood-energy solutions for commercial amd industrial heat users.

Leading Edge:

With its portfolio of boilers, Living Energy can meet the heat requirements of any situation. The Binder system in particular can provide high pressure hot water or 10 bar steam using knarly, high moisture content and high ash fuels, providing long term cost-effective heat to users of process heat.

Investment Base:

We are active all over NZ, Australia and the Pacific Islands.

Employees:

3.5 core, with other specialist resources outsourced on a project-specific basis, as required.

Production Capacity

As many boilers as required. We have shown the ability to install and commission 6 wood chip boilers in 6 weeks.

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