



Competitive supplier of CHP

NDK is a competitive supplier of Combined Heat and Power (CHP) systems in the range 50kW to 5MW. Our systems will run on biodiesel, pure plant oils, and various biomass generator fuels. We are happy to advise on fuel supplier and the best type of fuel.

How we do it

We design and install the system ourselves but to keep the costs down we outsource the basic genset build to one of Europe's biggest mass-production genset manufacturers who make over 4000 units per year. Clients are able to visit 'their' generator at any time to witness it being built and to see the final load testing.

We write our own software and control systems, which are done to G59 standards and can be integrated into the client's existing Buildings Management Software.

Experience

Our background is the marine industry and we have long experience of low-maintenance gensets and harsh environments, having provided sets over many years to lighthouses, oil rigs, ships and other marine environments, some of them with 6 monthly maintenance intervals in remote locations.

We do a lot of work in prototyping, electrical design & programming, mechanical design & modeling, R&D, product development, manufacturing.

Recently we installed a 1.2MW system running on tallow (as sub-contractor) and we are working closely with fuel suppliers and additive suppliers to satisfy the growing demand for renewable biofuels that will offer long term reliability in diesel generators.

Liquid biofuel CHP systems

- Specification & design
- Drawings & planning
- Genset build at competitive prices
- Full CHP and waste heat recovery
- Steam boilers
- Flue design & installation
- Emissions controls
- ROC/ OFGEM accreditations
- Fuel sourcing and advice
- Extended warranties
- Service & maintenance packages



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