

Biomass Boiler Quotation

Private and Confidential

06 February 2014



Quote generated for:

**PRIVATE &
CONFIDENTIAL**



Generate Green Ltd
Unit 9 Propeller Park
NCR Business Centre
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 **GenerateGreen™**



RECC 
RENEWABLE ENERGY CONSUMER CODE



Customer Order Form

Quotation Reference	20140206RD
Quotation Summary	Biomass Boiler Quotation

Supply and fit a 25.00 kW Biomass Boiler internally	£22,000.00 + VAT
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Payment 1: Deposit (Payable on order)	£5,500.00 + VAT
Payment 2: 14 days prior to installation	£7,700.00 + VAT
Payment 2: Balance (Payable on Installation)	£8,800.00 + VAT

To proceed with this order please read the following instructions, and then sign below and return to **Generate Green Ltd**, 100 Hempsted Lane, Hempsted, Glos GL2 5JS

Finance

100% of the cost of the system may be financed subject to acceptance through our partner Finance Program. To apply please let us know and we will arrange for our Finance Business Manager to contact you.

Methods of Payment

Monies are transferred in stages, 25% (£5,500+VAT) is payable on confirmation of the order, with a further 35% (£7,700 + VAT) 14 days prior to installation, and 60% (£8,800 + VAT) on the day of completion of the installation. The easiest way to do this is by bank transfer to: Generate Green Ltd, Santander Bank Sort code: 09-01-28 account number: 45422491. If you are arranging finance through our partner, we will arrange for the money to be paid straight to us.

Planning permission confirmation

This installation will take place under permitted development regulations. You only require planning permission if the scope of the installation is outside of these regulations or if your building is listed or is in a conservation area. By signing this contract you are confirming that you have received planning permission for the proposed installation if required or ascertained that planning permission is not required.

Generate Green Ltd cannot be held responsible for any installations where planning permission was required but not obtained and no refunds will be offered.

Confirmation

By signing this form, you are confirming the order for the Products and Installation Services specified on the attached quotation. This order will become binding when Generate Green Ltd notifies you of its acceptance and will be governed by our Terms of Supply.

Customer Signature

Customer Name (please print)

Date

Quotation valid for: **30 Days**

Generate Green Ltd is a company registered in England Reg No. 7762925. Registered Office: 100 Hempsted Lane, Hempsted, Glos GL2 5JS.
Tel: 01905 676222 or email enquiries@generategreen.co.uk



To place an order please complete the Customer Order Form and return to **Generate Green Ltd.** together with deposit payment or finance application— upon receipt of your deposit or finance approval we will contact you to arrange an installation date.

Notes:

1. Installation price is based on continuous working period. If circumstances beyond our control necessitate a split programme of works we reserve the right to charge for additional time.
2. For full Terms & Conditions see enclosed contract.
3. A full breakdown of services to be supplied is given on the enclosed “Summary of Goods & Works”
4. If Additional Works are required due to exceptional circumstances not reasonably foreseeable or if customer request for specification changes, an estimate will be provided based on the installers hourly or daily rate.

Project Details

Based on the information provided and your specific project requirements, we are pleased to select the following Biomass equipment.

These units are designed to provide high performance and efficiency along with a straight forward method of installation. The units are fully optimised and purpose designed Biomass boilers.

Biomass Unit Selection (please see attached brochure for further information)

- Range : Trianco
- Model: 28kW internal
- Fuel Type: EN Wood Pellets
- Single or Multiple unit: Single
- Power supply: Single Phase

Component Specification

Based on the information provided and your specific project requirements, we would also propose to supply the following equipment and/or services.

- To supply and fit 2 x 10kW water to air downflow heat exchangers for showroom heating.
- All electrical and mechanical works in new boiler plant room
- Flue through flat roof in plant room.
- Supplying and fitting of insulated pipework from plant room to showroom and offices and removal of cast iron pipework.
- The supply and fitting of all valves, associated pumps, PHEs valves, commissioning sets, control panels, and thermostats.
- All associated electrical works to integrate new plant.
- Supply and installation of cold water feed to new boiler plant room from adjoining toilet room.
- Initial fuel – 1 pallet (10 x10kg bags)

We have not included for the following.

- An external pellet store or auger feed – Trianco boiler can be hand fed into it's integral 100kg hopper.
- Any asbestos works.
- Any trenching and backfilling
- The fitting of the pellet store fill and vent pipes or explosion relief panel.

Please note...

- I. We have assumed our engineers will not require any induction when attending site and access for car parking will be free- if this is not the case, additional costs will be invoiced at cost (i.e. parking charges etc.)
- II. Welfare facilities will be made available for our engineers to use free of charge.
- III. Lighting and 240v or 110v power will be made available free of charge.

Renewable Heat Incentive

A Biomass Boiler installation provides the building with a new highly efficient heating system that provides clean energy, lowers carbon footprint, and enhances any carbon reduction plans already in place. Due to the generous Renewable Heat Incentive (RHI) offered to promote cleaner energy supplies in the UK, businesses and commercial premises willing to invest in biomass technology in replacement to existing gas, oil and LPG boilers will not only benefit in reduced carbon emissions and lower, more sustainable heating fuel costs, they will also be able to collect the RHI on the scale as below:

Tariff	Eligible Technology	Eligible Sizes	Tier	Tariff Payment in pence/kWhth
Small Commercial Biomass	Solid Biomass including solid biomass contained in municipal solid waste	Less than 200kWth	Tier 1	8.6
			Tier 2	2.2
Medium Commercial Biomass		200kWth and above but less than 1000kWth	Tier 1	5.1
			Tier 2	2.1
Large Commercial Biomass		1000kWth and above	N/A	1.0



Below is an example of how the RHI could work for your property over 20 years. The example **INCLUDES** the cost of the biomass fuel in the calculations, and assumes a likely heat load for your building based on our survey findings:

RHI (Feed in tariff)		
Boiler Size in KW	28 KW	
Boiler Size x 1,314 hrs (Tier 1)		36,792
Balance (Tier 2)		15,126
kWhrs		51,918
Cash Back @ 8.6p Tier 1	£	3,164
cash back @ 2.2p Tier 2	£	318
Total cash back p.a	£	3,482
Total Cash back/kWhr	£	0.067

Year	RHI Tier 1	RHI Tier 2	Current Fuel Price per kWh	Biomass Price per kWh	Fuel saving	Cost of Finance*	Balance inc cost of finance	Balance for cash sale	Combined Income & Savings pa	Net pa on finance
1	£3,164.11	£317.65	£0.10	£0.05	£2,744.96	£4,841.76	-£17,982.09	-£15,773.29	£6,226.71	£1,384.95
2	£3,277.51	£329.03	£0.11	£0.05	£3,171.59	£4,841.76	-£11,203.95	-£8,995.15	£6,778.13	£1,936.37
3	£3,394.98	£340.82	£0.12	£0.05	£3,646.27	£4,841.76	-£3,821.88	-£1,613.08	£7,382.07	£2,540.31
4	£3,516.66	£353.04	£0.13	£0.05	£4,173.99	£4,841.76	£4,221.81	£6,430.61	£8,043.69	£3,201.93
5	£3,642.69	£365.69	£0.14	£0.05	£4,760.26	£4,841.76	£12,990.45	£15,199.25	£8,768.65	£3,926.89
6	£3,773.25	£378.80	£0.16	£0.05	£5,411.14		£22,553.64	£24,762.44	£9,563.18	£9,563.18
7	£3,908.48	£392.37	£0.17	£0.06	£6,133.29		£32,987.78	£35,196.58	£10,434.15	£10,434.15
8	£4,048.56	£406.44	£0.19	£0.06	£6,934.07		£44,376.85	£46,585.65	£11,389.07	£11,389.07
9	£4,193.66	£421.00	£0.21	£0.06	£7,821.56		£56,813.07	£59,021.87	£12,436.22	£12,436.22
10	£4,343.96	£436.09	£0.23	£0.06	£8,804.67		£70,397.79	£72,606.59	£13,584.72	£13,584.72
11	£4,499.65	£451.72	£0.25	£0.06	£9,893.20		£85,242.37	£87,451.17	£14,844.57	£14,844.57
12	£4,660.92	£467.91	£0.28	£0.07	£11,097.96		£101,469.15	£103,677.95	£16,226.78	£16,226.78
13	£4,827.96	£484.68	£0.31	£0.07	£12,430.81		£119,212.61	£121,421.41	£17,743.46	£17,743.46
14	£5,001.00	£502.05	£0.34	£0.07	£13,904.85		£138,620.51	£140,829.31	£19,407.90	£19,407.90
15	£5,180.23	£520.04	£0.37	£0.07	£15,534.47		£159,855.26	£162,064.06	£21,234.75	£21,234.75
16	£5,365.89	£538.68	£0.41	£0.08	£17,335.51		£183,095.34	£185,304.14	£23,240.09	£23,240.09
17	£5,558.21	£557.99	£0.45	£0.08	£19,325.43		£208,536.97	£210,745.77	£25,441.62	£25,441.62
18	£5,757.41	£577.99	£0.50	£0.08	£21,523.41		£236,395.77	£238,604.57	£27,858.81	£27,858.81
19	£5,963.76	£598.70	£0.55	£0.08	£23,950.58		£266,908.81	£269,117.61	£30,513.04	£30,513.04
20	£6,177.50	£620.16	£0.60	£0.09	£26,630.20		£300,336.67	£302,545.47	£33,427.86	£33,427.86

Notes: Oil price increase assumed at 10%, Biomass pellet price increase assumed at RPI. RHI increases with RPI – assumed rate of 3.584%.

*estimate only – actual figures given on application through our asset funding partner