

Solutions for

# REMOTE ENERGY MANAGEMENT



**Optimise your biomass installation  
and reduce your heating costs**

FROM  
ONLY

**£15**

per month\*

# It's easy with Remote Monitoring

With our remote monitoring packages you can easily track your boilers heat generation and consumption by installing a tailored GSM/GPRS enabled live monitoring solution that integrates with your Herz boiler system. Remote Monitoring gives you access to live and historical information, allowing you to keep a close eye on how your biomass system is performing.

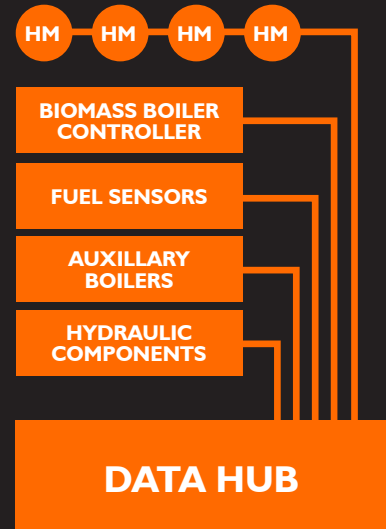
- Easily retrofitted to existing heat meters and biomass boilers\*.
- Rental or paid systems available.

\*Our remote monitoring packages can be retrofitted to existing biomass systems provided the heat meter can deliver a ModBus output and the biomass boiler is a Herz product.



## How the system works:

### INPUTS



### ONLINE VISUALISATION

HEAT METER MONITORING  
BOILER VISUALISATION  
FUEL STORE MANAGEMENT  
QUARTERLY RHI STATEMENTS  
WEEKLY REPORTS

HM = HEAT METER

## Protect your investment

with a Rural Energy Service & Maintenance Package.

Packages include:

- Ongoing software updates
- Remote technical support
- Annual 12 point biomass boiler service including safety inspection and combustion check

**Call today on 0203 189 0689 for more information**



# Your Remote Monitoring Options

Become an independent manager of your biomass system today by selecting one of the following options:

## STANDARD PACKAGES

Option		Monthly Cost*
1	Heat Meter Monitoring	£15
2	Boiler Visualisation	£25
3	Heat Meter Monitoring & Boiler Visualisation	£35

## ADDITIONAL EXTRAS

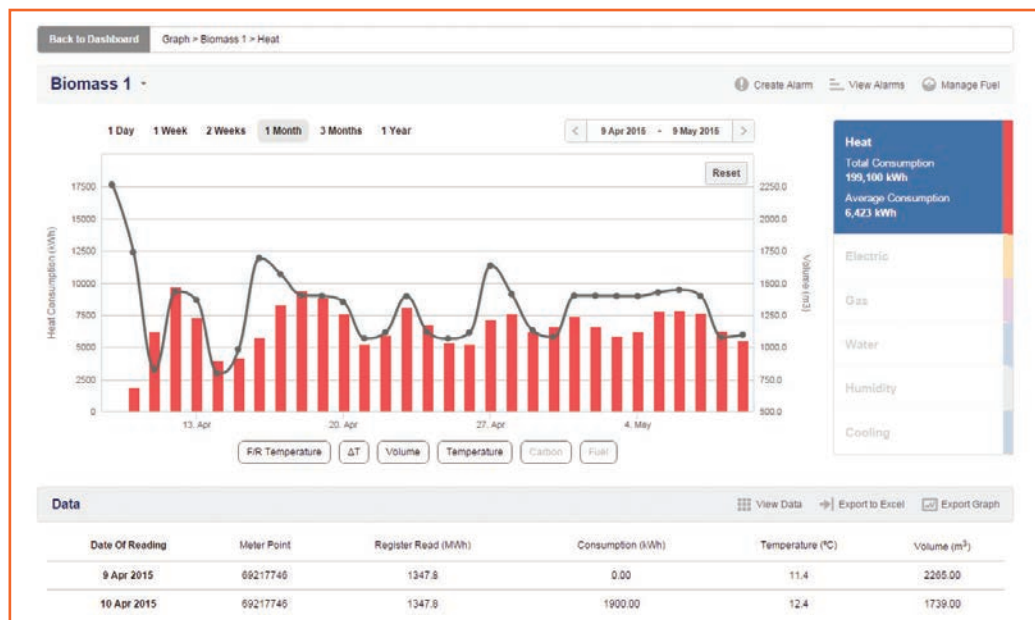
Option		Monthly Cost*
A	Fuel Store Management	£3
B	Quarterly RHI Statements	£3
C	Weekly System Reports	£3
D	Digital Input	£3
E	Additional Heat Meter	£1.50
F	Additional Gas Meter	£1.50

**Contact us today on 0203 189 0689**

\*Based on a 2 year remote monitoring contract with Rural Energy. Excludes hardware and installation costs.



# Online Visualisation – Instant access to all your data



With a remote monitoring system you can access a data visualisation tool that will give you complete visibility and control of your biomass system 24/7 and in real time. The user-friendly, online dashboard allows you to analyse the kWh generation and usage data for each heat meter and view the Herz boiler T-Control interface. What's more, the tool is cloud based so it is extremely fast and can be accessed via a smartphone, tablet or PC.

- Analyse the performance of your boiler with views on energy, temperature, flow rates and volume data directly from the heat meter.
- Create bespoke reports, charts and comparisons to be exported to Microsoft Excel or PDF.
- Proactively monitor your system with notifications and alarms.
- Modify biomass boiler processes and parameters via the Herz T-Control interface.
- Evaluate fossil fuel boiler usage vs biomass boiler usage.
- Calculate carbon savings.

## HEAT METER MONITORING

- Quick and easy access to heat meter statistics.
- Monitor multiple meters in one place.

## BOILER VISUALISATION

- Via smartphone, tablet or PC.
- Simple interface matching that of the Herz T-Control touch controller directly in the biomass boiler.
- Biomass boiler processes and parameters can be read and modified any time from anywhere.

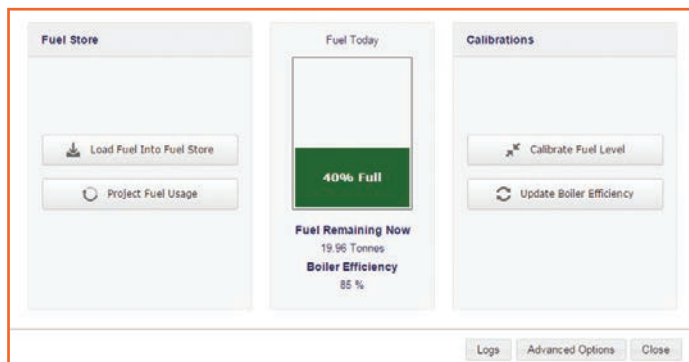
# T-CONTROL

# Optional Extras

## FUEL STORE MANAGEMENT

Remotely collecting kWh data from your heat meter allows the effective calculation of the amount of fuel remaining in your fuel store, with no additional remote monitoring hardware required.

- Graphical representation of your daily fuel usage.
- Quickly view your fuel level as a percentage of fuel remaining.
- Predict the amount of fuel left in your fuel store by calculating the average usage.
- Set alarms to notify you via text or email when your fuel store reaches a pre-selected level.



## QUARTERLY RHI STATEMENTS

Accurate meter readings across multiple heat meters will ensure you'll never miss an RHI payment. The automatic RHI statements sent directly to you every quarter can be uploaded, without the need for modification, straight to OFGEM.

## WEEKLY SYSTEM REPORTS

Individually tailored reports can be sent directly to you every week to update you on the ongoing operation of your biomass system. These simple, yet effective, reports display the parameters most important to you and as such are perfect for reviewing the status of your biomass system.

## DIGITAL INPUTS

Additional digital inputs from auxiliary boilers, fuel level sensors and hydraulic components can easily be connected into your remote monitoring package. Tailored alarms will notify you of their status and faults meaning you can know the status of your biomass system 24/7.

Examples digital inputs include:

- High/low capacitive fuel sensors in a wood pellet or chip store.
- A load cell bag silo weighing system.
- A back-up gas boiler.
- The flow and return pumps in the biomass system.



## ADDITIONAL HEAT / GAS METERS

Achieve full control of your biomass installation by connecting additional heat and gas meters to your remote monitoring package. An additional 7 heat meters can be added to your package and viewed simultaneously on the online dashboard.

**For further information on the extra options available give us a call on 0203 189 0689.**

\*\* Additional remote monitoring hardware is required for digital inputs and extra heat / gas meters.

# Rural Energy

INSTALLING BIOMASS SINCE 2002

[ruralenergy.co.uk](http://ruralenergy.co.uk)

Design / Project Management / Distribution / Servicing / Training

Call us on: 0203 189 0689

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CEA  
Combustion Engineering Association