

## Enphase e3 Energy System

8000 operational run hours per year.  
Fully maintained & supported by Developer  
3 phase electric supply & export capability required  
Housed in standard ISO shipping container  
24 / 7 / 365 remote performance data monitoring along with CCTV monitoring  
Quiet & discreet operation  
ELECTRIC OUTPUT: 25kW x 8000 run hours = 200,000 kWh (Electric) per year  
HEAT OUTPUT: 60 Kw 8000 run hours = 480,000 kWh (Heat) per year  
Minimal housekeeping  
Average installation time is around 3 days  
Lead time from ordering is 8 to 12 weeks  
Finance available

### Electricity Revenue from grants, savings on electricity & revenue from Export

Incentive payment 1 (ROC's)	200,000 kWh x £0.0823p	£16,460
Energy Savings	200,000 x 12p (100% electricity consumed onsite)	£24,000
Export Elec	200,000 @ 5p (0% exported)	£0.00

### Heat Revenue – RHI and Energy Savings

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Incentive payment 2 (RHI) from 28% Biomass	(134,400kW/th x £0.0376p)	£ 5,053
Incentive payment 3 (RHI) from 72% Biogas	(345,600kW/th x £0.0762p)	£26,334
Savings (replacing fossil fuel 100%)	= 480,000Kwh x 4.2p	£20,160
<b>Total benefit revenues per year:</b>		<b>£92,007</b>

### Developer Contract Operation Agreement

Fully maintained by developer including all Fuel Feedstock, Remote Monitoring and all Maintenance & Components, excludes ash bin – to be emptied by client.

Billed monthly, Annual total: 680,000kWh x £0.085p/kWh = £ 57,800.00

**'Profit' = £34,207.00 per year x 20 years + RPI**

All Figures are based on 8000 hours annual uptime. Energy unit costs are typical examples. Incentive Figures correct at January 01<sup>st</sup> 2016

### Turnkey capital cost of a single E3 System – £195,000 to £235,000