

## Approved software for ECO assessments (rev. 23 August 2013)

### List of ECO assessment programs using RdSAP 9.91 tested and approved by BRE\* for use in connection with calculating ECO scores for existing dwellings in England, Wales and Scotland

The table indicates by ~ which improvement measures can be handled by the software (see key at end for identification of measures). Where this does not include all measures the software may be revised to include further measures.

Company:	<b>NES</b>	<b>Elmhurst</b>					
Software name:	<b>NES ECO Online</b>	<b>ECO</b>					
Software version:	<b>2.0</b>	<b>2.x</b>					
Approval date:	<b>23/08/13</b>	<b>09/10/13</b>					

#### INSULATION MEASURES

A	~	~					
A1	~	~					
A4	~	~					
A2	~	~					
A3		~					
B	~	~					
B1	~	~					
B2	~	~					
B3	~	~					
D	~	~					
Q3	~	~					
Q4	~	~					
Q5	~	~					
Q6	~	~					

\* The ECO programs listed have been checked by BRE. Whilst BRE has taken due care and precaution in testing the programs, it will not be held liable for any failure or consequence thereof that may occur in their use or application.

Q7	~	~					
Q8	~	~					
Q9							
W	~	~					

HEATING & HOT WATER

C	~	~					
D2							
G	~	~					
H		~					
I	~ (mains gas)	~					
I1	~	~					
I2	~	~					
I3	~ (mains gas)	~					
J		~					
K		~					
L		~					
M		~					
R		~					
S	~ (mains gas)	~					
T	~ (mains gas)	~					
T2		~					
Z1		~					
Z2		~					
Z3		~					
Z4		~					
Z5		~					

\* The ECO programs listed have been checked by BRE. Whilst BRE has taken due care and precaution in testing the programs, it will not be held liable for any failure or consequence thereof that may occur in their use or application.

## WINDOWS AND DOORS

O	~	~					
O2	~	~					
O3		~					
P	~	~					

## ELECTRICITY GENERATION

U		~					
V		~					

## Key to symbols:

A	Loft insulation – Pitched roof, existing insulation ≤ 60 mm
A1	Loft insulation – Pitched roof, existing insulation > 60 mm
A4	Rafter insulation – Pitched roof
A2	Flat roof insulation
A3	Roof room insulation
B	Cavity wall insulation
B1	Hard-to-treat cavity wall – cavity insulation
B2	Hard-to-treat cavity wall – internal insulation
B3	Hard-to-treat cavity wall – external insulation
D	Draught proofing
Q3	Internal wall insulation, for a solid brick wall built before 1967 (England and Wales) or 1965 (Scotland)
Q4	Internal wall insulation, for a solid brick wall built after 1967 (England and Wales) or 1965 (Scotland)
Q5	External wall insulation, for a solid brick wall built before 1967 (England and Wales) or 1965 (Scotland)

H	Heating controls for warm air system
I	Upgrade boiler, same fuel – Non-qualifying boiler
I1	Repair boiler, 1 year warranty – Qualifying boiler
I2	Repair boiler, 2 year warranty – Qualifying boiler
I3	Upgrade boiler – Qualifying boiler
J	Wood logs, pellets or chips boiler
K	Pellet stove with boiler
L	New or replacement storage heaters
M	New or replacement warm-air unit
R	Condensing oil boiler
S	Change heating to condensing gas boiler (no fuel switch)
T	Change heating to condensing gas boiler (fuel switch)
T2	Flue gas heat recovery
Z1	Air source heat pump with radiators
Z2	Air source heat pump with underfloor heating
Z3	Micro-CHP

\* The ECO programs listed have been checked by BRE. Whilst BRE has taken due care and precaution in testing the programs, it will not be held liable for any failure or consequence thereof that may occur in their use or application.

Q6	External wall insulation, for a solid brick wall built after 1967 (England and Wales) or 1965 (Scotland)	Z4	Ground source heat pump with radiators
Q7	Internal wall insulation, not brick	Z5	Ground source heat pump with underfloor heating
Q8	External wall insulation, not brick	O	Windows replacement (double glazed)
Q9	Park home insulation	O2	Windows replacement (triple glazed)
W	Floor insulation	O3	Glazing replacement
C	Hot water cylinder insulation	P	Secondary glazing
D2	District heating – heat meters	U	Photovoltaics
G	Heating controls for wet central heating system	V	Wind turbine

\* The ECO programs listed have been checked by BRE. Whilst BRE has taken due care and precaution in testing the programs, it will not be held liable for any failure or consequence thereof that may occur in their use or application.