

BPS Specifications for Energy Modeling

Builder Name _____
Builder Address _____

City _____
State _____ ZIP _____
Builders Phone _____
Builders Email _____

Model Name/# _____
Development Name _____
Housing Type _____
City of Construction _____
Elec Utility Company _____
Gas Utility Company _____

Specifications

Space Heating

Brand _____ Age _____
Model # _____
Input Capacity (kBtu/hr) _____ Output _____
Fuel _____ Set-Back T-Stat _____
AFUE – COP – HSPF _____
Performance Adjustment (%) _____
Comments _____

Brand _____ Age _____
Model # _____
Input Capacity (kBtu/hr) _____ Output _____
Fuel _____ Set-Back T-Stat _____
AFUE – COP – HSPF _____
Performance Adjustment (%) _____
Comments _____

Space Cooling

Brand _____ Age _____
Model # _____
Capacity (kBtu/hr) _____ Fuel _____
Set-Up T-Stat _____ SEER – EER – COP _____
Ventilation None Natural Whole House Fan
Performance Adjustment (%) _____
Comments _____

Brand _____ Age _____
Model # _____
Capacity (kBtu/hr) _____ Fuel _____
Set-Up T-Stat _____ SEER – EER – COP _____
Ventilation None Natural Whole House Fan
Performance Adjustment (%) _____
Comments _____

Water Heater

Brand _____ Age _____ Fuel _____ Output (Kbtu/hr) _____ Energy Factor _____
Model # _____ Storage (gal) _____ Added Insulation R- _____ Location _____
Comments _____

Mechanical Ventilation

Manufacturer _____ Model # _____
Supply only Exhaust Only Balanced
Sensible Heat Recovery Efficiency (%) _____ Total Heat Recovery Efficiency (%) _____
Ventilation Rate (cfm) _____ Hours/Day _____ Fan Watts _____
Control Brand _____ Model # _____
Control Operation _____

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Lights and Appliances

Pin-based Fluorescent(Y/N) _____ % _____ Screw-in Fluorescent(Y/N)t _____ % _____
Refrigerator #1 Brand _____ Model _____ kWh/Yr _____
Refrigerator #2 Brand _____ Model _____ kWh/Yr _____
Refrigerator #2 Brand _____ Model _____ kWh/Yr _____

Dishwasher Brand _____ Model _____ kWh/Yr _____
EF = 215 ÷ kWh/Yr EF = 215 ÷ _____ = _____
Ceiling Fan #1 CFM/Watt* _____ Ceiling Fan #2 CFM/Watt* _____
Ceiling Fan #3 CFM/Watt* _____ Ceiling Fan Average CFM/Watt _____ *Medium speed
Clothes Dryer Fuel Electricity Natural Gas Propane
Oven/Range Fuel Electricity Natural Gas Propane

Foundation Wall (FndW)

Description (Type) _____ Insul Type _____ R-Value _____

Slab Floor

Description (Type) _____ Insul Type _____ R-Value _____

Frame Floor (Over Ambient Condition)

Description (Type) _____ Insul Type _____ R-Value _____

Frame Floor (Over Garage)

Description (Type) _____ Insul Type _____ R-Value _____

Rim and Band Joist

Description (Type) _____ Insul Type _____ R-Value _____

Above Grade Wall (AGW)

Description (Type) _____ Insul Type _____ R-Value _____

Description (Type) _____ Insul Type _____ R-Value _____

Description (Type) _____ Insul Type _____ R-Value _____

Ceiling (Flat and Vault)

Description (Type) _____ Insul Type _____ R-Value _____

Description (Type) _____ Insul Type _____ R-Value _____

Description (Type) _____ Insul Type _____ R-Value _____

Windows and Glass Doors

Description (Type) _____ U= _____ SHGC+ _____ Gas Fill _____ Orient _____

Description (Type) _____ U= _____ SHGC+ _____ Gas Fill _____ Orient _____

Description (Type) _____ U= _____ SHGC+ _____ Gas Fill _____ Orient _____

Description (Type) _____ U= _____ SHGC+ _____ Gas Fill _____ Orient _____

Doors

Description (Type) _____ Location _____ R-Value _____

Description (Type) _____ Location _____ R-Value _____

Description (Type) _____ Location _____ R-Value _____