

# BUILDINGADVICE™ SITE SURVEY FORM

Customer Name: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: ( ) \_\_\_\_\_ - \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_ Zip: \_\_\_\_\_

Fax: ( ) \_\_\_\_\_ - \_\_\_\_\_

**MONITOR INFORMATION:**

Start Date & Time: \_\_\_\_\_

End Date & Time: \_\_\_\_\_

No.	Monitor ID	Location Description
1		
2		
3		
4		
5		

No.	Monitor ID	Location Description
6		
7		
8		
9		
10		

**Optional Power Monitoring**

Monitor ID	Equipment Description	Voltage	Amperage Range	Phase	Power Factor
		<input type="checkbox"/> 120 V <input type="checkbox"/> 240 V <input type="checkbox"/> _____	<input type="checkbox"/> 0 to 20 A <input type="checkbox"/> 0 to 100 A <input type="checkbox"/> 0 to 150 A	<input type="checkbox"/> 1-Phase <input type="checkbox"/> 3-Phase	
		<input type="checkbox"/> 120 V <input type="checkbox"/> 240 V <input type="checkbox"/> _____	<input type="checkbox"/> 0 to 20 A <input type="checkbox"/> 0 to 100 A <input type="checkbox"/> 0 to 150 A	<input type="checkbox"/> 1-Phase <input type="checkbox"/> 3-Phase	

**BUILDING BACKGROUND:**

Building Name: \_\_\_\_\_

Number of Stories \_\_\_\_\_

Primary Usage:

- |   |  |  |                                    |
|---|--|--|------------------------------------|
| <input type="checkbox"/> Office         | <input type="checkbox"/> K-12 School           | <input type="checkbox"/> Hospital              | <input type="checkbox"/> Hotel     |
| <input type="checkbox"/> Medical Office | <input type="checkbox"/> Residence Hall / Dorm | <input type="checkbox"/> Supermarket / Grocery | <input type="checkbox"/> Warehouse |
| <input type="checkbox"/> Courthouse     | <input type="checkbox"/> Bank                  | <input type="checkbox"/> Retail                |                                    |

LEED Certification Status:  None  Gold  Certified  Platinum  Silver

Building Status: (Year building built)  Pre-2006  2006 or later

Domestic Hot Water:  None  Gas/Fuel  Electric

Construction Type:  Wood Frame  Cement Block  Masonry  High Rise

BUILDING SPACES:	Primary Space Types										
	Office	K-12 School	Hospital	Medical Office	Dormitory	Supermarket	Warehouse	Court-house	Bank	Retail	Hotel*
Gross Floor Area in Square Feet											
Weekly Operating Hours											
# of Workers on Main Shift											
# of PCs											
# of Cash Registers											
Open Weekends?		Y / N									
Highschool?		Y / N									
# of Students											
# of Licensed Beds											
# of Rooms											
# of Floors											
Tertiary Care			Y / N								
Food Prep / Cooking Facility		Y / N				Y / N					Y / N
Commercial Refrigeration Units											
# of Walk-in Refrig./Freezer Units											
Open/Close Refrig./Freezer Units											
% of Floor Area Air Conditioned											
% of Gross Floor Area Heated											
Refrigerated or Unrefrigerated							R / U				
High Bay Lighting System							Y / N				

- Required     - Optional (defaults used if nothing entered)     - Not used

If Hotel\*, choose type:

Upper Upscale	<input type="checkbox"/>
Upscale	<input type="checkbox"/>
Midscale with food service	<input type="checkbox"/>
Midscale without food service	<input type="checkbox"/>
Economy and Budget	<input type="checkbox"/>

Secondary Space Types:	Area (ft <sup>2</sup> )	Weekly Operating Hours
Computer Data Center	<input type="checkbox"/>	<input type="checkbox"/>
Enclosed Parking Garage	<input type="checkbox"/>	<input type="checkbox"/>
Open Parking Area w/ Roof	<input type="checkbox"/>	<input type="checkbox"/>
Open Parking Area w/o Roof	<input type="checkbox"/>	<input type="checkbox"/>

Please refer to the Energy Star website or to the Energy Star Space Type Definitions document for more details.

**HEATING & COOLING EQUIPMENT**

**Cooling Equipment**

- Type:  None  
 Chiller – Cooling Tower  
 Chiller – Air Cooled  
 DX / Packaged Unit  
 Air-Source Heat Pump  
 Ground-Source Heat Pump  
 Water-Source Heat Pump with Cooling Tower

**Cooling System**

Tons: \_\_\_\_\_ # of Units: \_\_\_\_\_  
 EER  
 COP  
 Efficiency: \_\_\_\_\_  kW/ton (IPLV)  
 kW/ton (Full load)

**Cooling System**

Tons: \_\_\_\_\_ # of Units: \_\_\_\_\_  
 EER  
 COP  
 Efficiency: \_\_\_\_\_  kW/ton (IPLV)  
 kW/ton (Full load)

**Heating Equipment**

- Type:  None  
 Air-Source Heat Pump  
 Ground-Source Heat Pump  
 Electric Resistance  
 Packaged Gas Unit  
 Gas/fuel Boiler  
 Water-Source Heat Pump with Boiler

**Heating System**

BTUs: \_\_\_\_\_ # of Units: \_\_\_\_\_  
 AFUE (%)  
 Efficiency: \_\_\_\_\_  COP  
 HSPF

**Heating System**

BTUs: \_\_\_\_\_ # of Units: \_\_\_\_\_  
 AFUE (%)  
 Efficiency: \_\_\_\_\_  COP  
 HSPF

**ADDITIONAL EQUIPMENT:**

- Economizer  
 »  Air-side  Water-side  
 Demand Controlled Ventilation  Dehumidification  
 Humidification

**CONTROLS:**

Controls Type: <input type="checkbox"/> Thermostat <input type="checkbox"/> Direct Digital (DDC) <input type="checkbox"/> Pneumatic / DDC Hybrid <input type="checkbox"/> Pneumatic	Schedule Type: <input type="checkbox"/> On/Off (Auto fan) <input type="checkbox"/> Time Clock
Air Delivery Method: <input type="checkbox"/> Constant Volume <input type="checkbox"/> Variable Air Volume	Air Flow Modulation: <input type="checkbox"/> None – Constant Volume <input type="checkbox"/> Inlet Guide Vane <input type="checkbox"/> Variable Frequency Drive <input type="checkbox"/> Variable Frequency Drive w/ Pressure Reset

