



# Monitoring Installation Site Survey

Standard

<b>D A T E S</b>	
Survey date: _____	
Expected power-on date: _____	<input type="checkbox"/> Check if system is already online
<b>I N S T A L L E R   C O N T A C T   D E T A I L S</b>	
Company Name: _____	
Contact Person: _____	
Shipping Address (no PO boxes): _____	
Phone: _____	Email Address: _____
Mobile Phone: _____	<input type="checkbox"/> Check if this address is to receive email alerts of FST devices not checking in.
FAX # (for billing): _____	
<b>S I T E   C O N T A C T   D E T A I L S</b>	
Site Name: _____	
Contact Person: _____	
Address: _____	
Phone: _____	Email Address: _____
Mobile Phone: _____	<input type="checkbox"/> Check if this address is to receive email alerts of FST devices not checking in.
<b>M O N I T O R I N G   S E L E C T I O N S   ( C h e c k   a l l   t h a t   a p p l y . )</b>	
<input type="checkbox"/> AC Production    ( <input type="checkbox"/> @480V <input type="checkbox"/> Inverter Direct <input type="checkbox"/> Revenue Grade) <input type="checkbox"/> Building Demand    ( <input type="checkbox"/> @480V)	
<input type="checkbox"/> Environmental Kit: (Ambient Temperature; PV Module Temperature; Solar Irradiance)	
<input type="checkbox"/> Wind Speed and Wind Direction <input type="checkbox"/> Other _____	

**NOTE:** For alerts, at least one email address must be provided.

## WEB PAGE DETAILS

Where will Web page views appear? ☐ Fat Spaniel Technologies portal ☐ Other (i.e. customer website)

▪ Simple page views to be ☐ Password protected (locked) or ☐ Not password protected (public)

▪ Detail page views to be ☐ Password protected (locked) or ☐ Not password protected (public)

(NOTE: To see an example, enter the URL: <http://monitor.fatspaniel.com>)

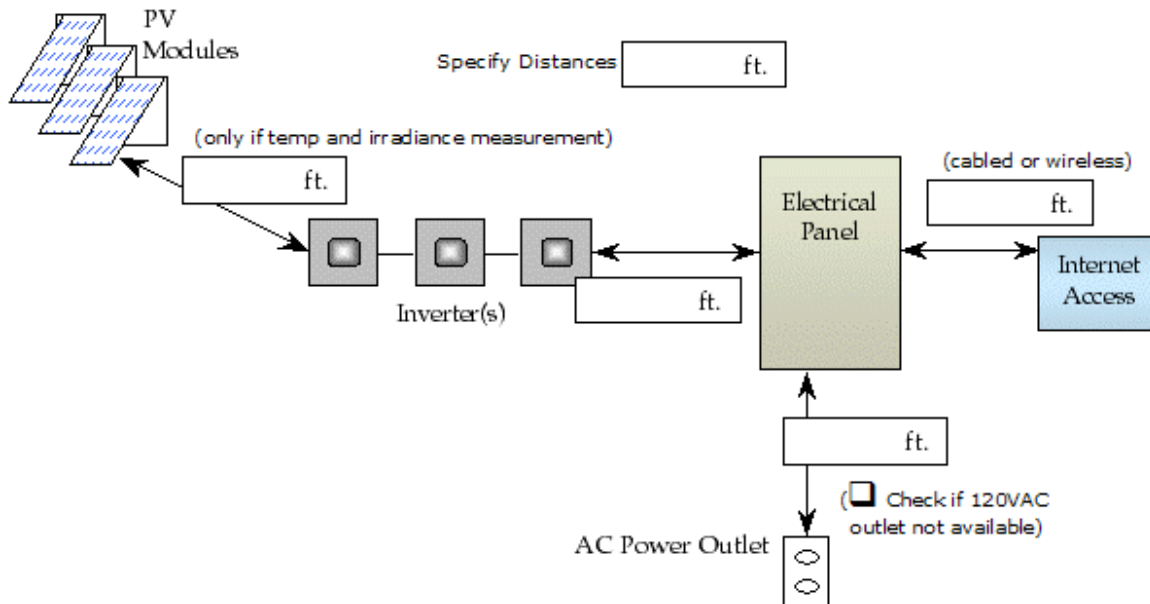
▪ If views hosted on customer website, provide contact info (name, phone, email):

▪ Whose name and logo is to appear on the Web page view? (Please supply Adobe Illustrator .ai files to your sales rep.)



## SITE LAYOUT

Please indicate distances in the following diagram:



**NOTE:** If available, please provide site drawings or photos.

## BUILDING ELECTRIC SERVICE TYPE

- ☐ **Residential:** ☐ Split Single Phase (240/120V) or ☐ Single Phase (120V)  
☐ Inverter output is 2-Wire but building demand is 3-Wire
- ☐ **Commercial:** ☐ 3-Wire Connection or ☐ 4-Wire Connection  
☐ Building is 4-Wire but PV is 3-Wire

## PV INFORMATION

- Installation Type: ☐ Roof-Mount ☐ Ground-Mount ☐ Building-Integrated ☐ Other \_\_\_\_\_
- Grid Type: ☐ Grid Inter-tie ☐ Off-Grid
- Quantity, manufacturer, and model of PV modules: \_\_\_\_\_
- Total system output: \_\_\_\_\_ kW DC (needed to set graphs in Web page views)

## INVERTER DETAILS

Number of inverters: \_\_\_\_\_ ☐ Monitor output from the inverter(s) on a single combined circuit or  
☐ Monitor output of each inverter separately

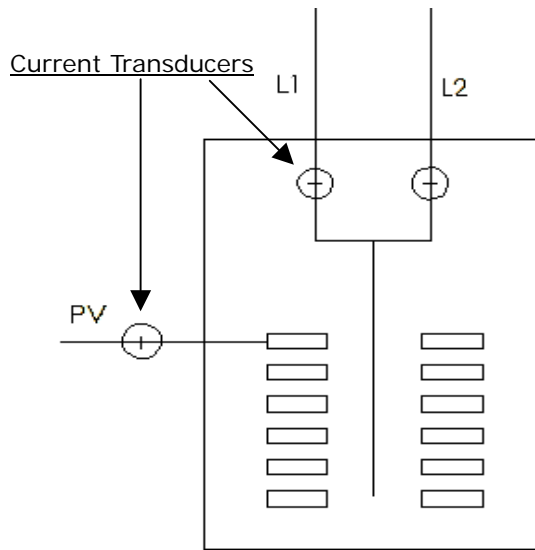
B R A N D	M O D E L #	S E R I A L #	I F S M A : Is RS485 Piggyback Communication Board installed?	F S T U S E O N L Y
				Direct or Indirect?

**NOTE:** Please list any Sunny Boy Controls already installed.

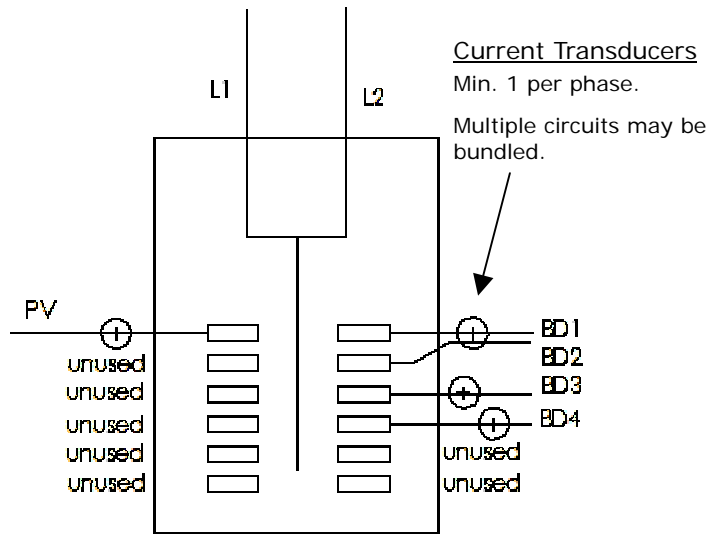


## BUILDING DEMAND MONITORING DETAILS (Skip if demand monitoring is not selected.)

- Circle the option below (Option 1 or Option 2) that most closely represents the proposed building demand layout. (Use Option 2 if access to L1 and L2 is unavailable.)



**Option 1**



**Option 2**

- Note wire size (diameter or gauge) for each current transducer location in the diagrams above.
- Can you access the utility input lines and place Current Transducers (CTs) as shown in Option 1 above? ☐ Yes ☐ No
- Describe wire access restrictions, if any: ☐ Split core CTs required.
- AC Service Type (main power): Voltage:\_\_\_\_\_ # Phases:\_\_\_\_\_ Main Amps:\_\_\_\_\_



## NETWORKING INFORMATION

### IT Contact Person

Name:

Email Address:

Phone:

Mobile Phone:

- Are ports 4001 and 6051 open for outbound traffic? ☐ Yes

Select *one* network access type (Broadband *or* Dial-Up *or* Cellular) and fill in what you know:

#### ☐ BROADBAND ACCESS (DSL, CABLE, ISDN, or T1):

- Is there a port available to plug in a network cable? ☐ Yes ☐ No
- If you ordered a Weather Station, is there a 2<sup>nd</sup> port available to plug in a network cable? ☐ Yes ☐ No
- The Internet IP address is: ☐ Static ☐ Dynamic (DHCP) ☐ I don't know
- If static, provide:
 

IP Address:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Subnet Mask:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Gateway:	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

OR

#### ☐ DIAL-UP ACCESS:

Fat Spaniel Technologies will set up a dedicated dial-up ISP account for monitoring.

- Is a dedicated standard phone line available? ☐ Yes ☐ No  
 If No, is there a seldom-used line available? ☐ Yes ☐ No  
 Is the phone line part of a PBX network? ☐ Yes ☐ No
- Is it necessary to dial for outside line access? ☐ Not required ☐ Yes, dial 9 ☐ Yes, dial: \_\_\_\_\_
- Is 10-digit dialing required in your area? ☐ Yes ☐ No (Example: nnn-*nnn*-nnnn)  
 If Yes, must you also dial 1? ☐ Yes ☐ No (Example: 1-*nnn*-nnn-*nnnn*)
- Is an analog fax line available? ☐ Yes ☐ No  
 If No, is there a seldom-used line available? ☐ Yes ☐ No
- Is there voice mail on the dial-up access phone line? ☐ Yes ☐ No
- Fat Spaniel Technologies can transmit data at any interval. Please suggest a frequency for our brief outgoing data calls: ☐ Every hour ☐ Every three hours ☐ Every six hours  
☐ Other: \_\_\_\_\_

**NOTE:** Fat Spaniel Technologies will contact the site owners to set up this account.

OR

#### ☐ CELLULAR MODEM ACCESS:

- Does your mobile phone work at the inverter location? ☐ Yes ☐ No
- What mobile service do you have? ☐ TDMA (analog) ☐ GPRS (digital)

**NOTE:** Fat Spaniel Technologies will provide contact information for our nationwide Accounts Manager to discuss cellular modem configuration. FST cannot assure SIMS ordered outside this process will be correctly configured.

#### WIRELESS NETWORK ACCESS:

To be provided by customer. ☐



## GENERAL QUESTIONS

- Describe location of inverters. (For example, on side of building, in locked shed, pole-mounted.)
  
- Describe access limitations. (For example, will installer need access to: second floor, inside utility cage, second facility?)
  
- What is your typical daily electrical usage? (You can find it on your electric bill.) \_\_\_\_\_
- Is there anything else we should know, such as time constraints or unique site requirements?

## SOLAR SCHOOL VIEW (optional if not a school)

SOLAR ARRAY DETAILS				
Installer name:				
	ARRAY 1	ARRAY 2	ARRAY 3	ARRAY 4
TILT				
ORIENTATION				
Module information required for each array (to calculate efficiency)				
SOLAR MODULE BRAND				
MODEL #				
QUANTITY				
SURFACE AREA IN M2, IF KNOWN				

Note: All requested information *must* be provided in order for Fat Spaniel Technologies to complete the Solar School Website View for the school.