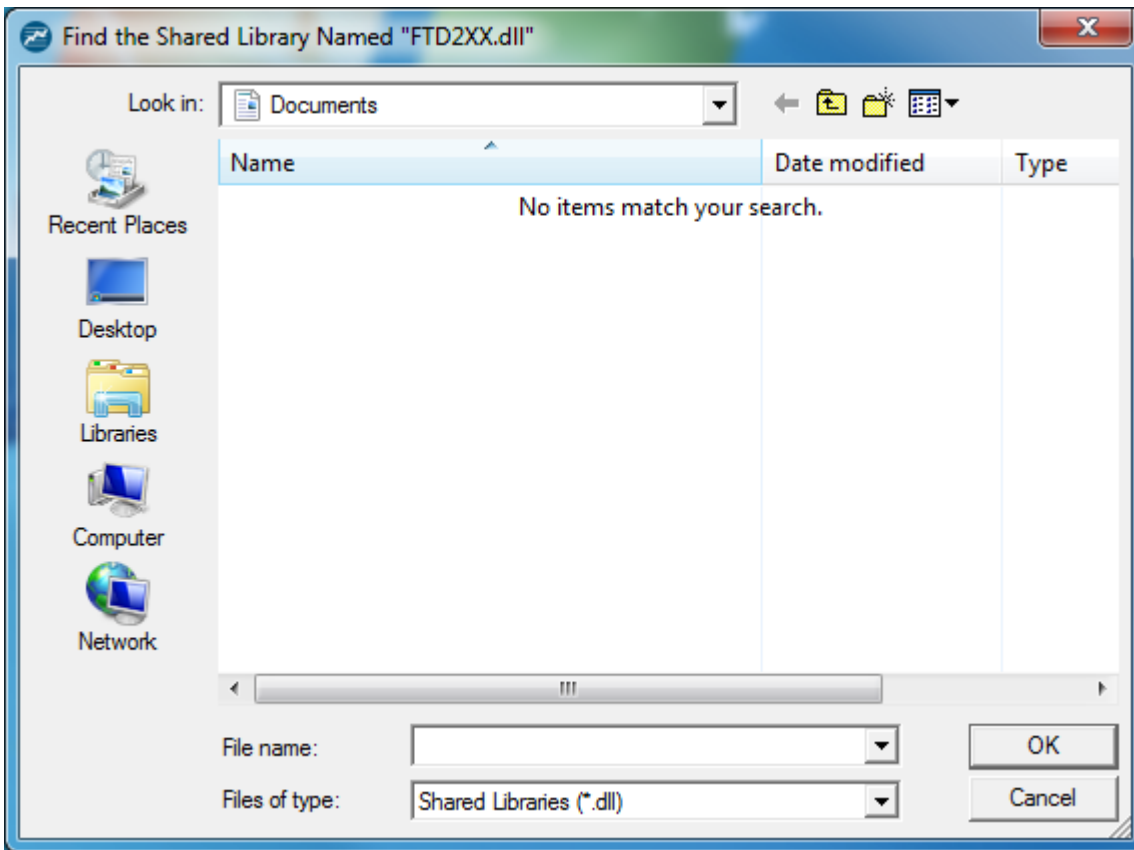
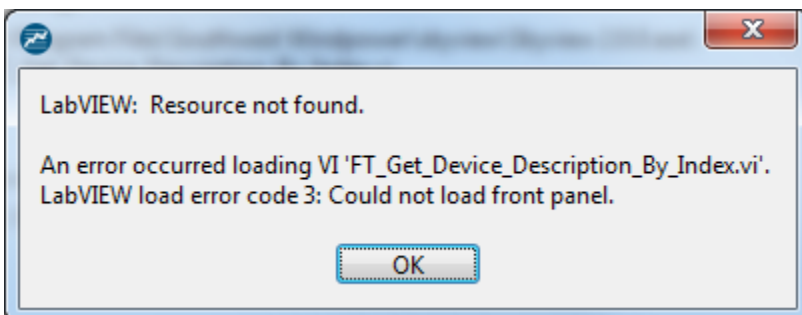
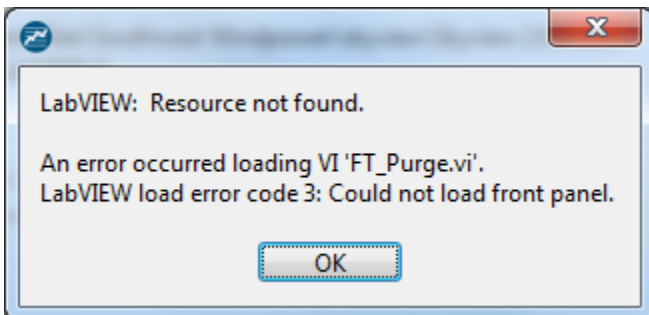


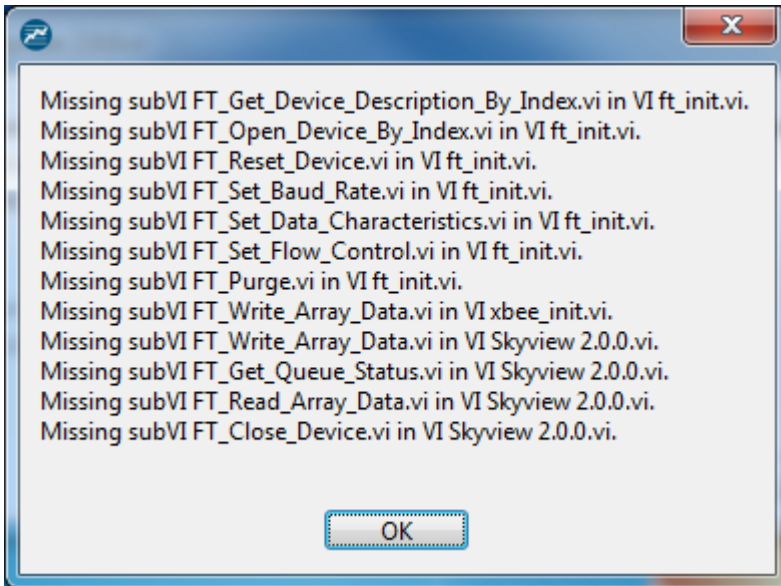
## LOADING DRIVERS FOR SKYVIEW 2.0 XBEE INTERFACE USB DEVICE

After you have loaded the Skyview 2.0 software, with the xBee interface plugged in to your USB drive, you try to start the program from your "Start/All Programs" button, you may see the following screen:

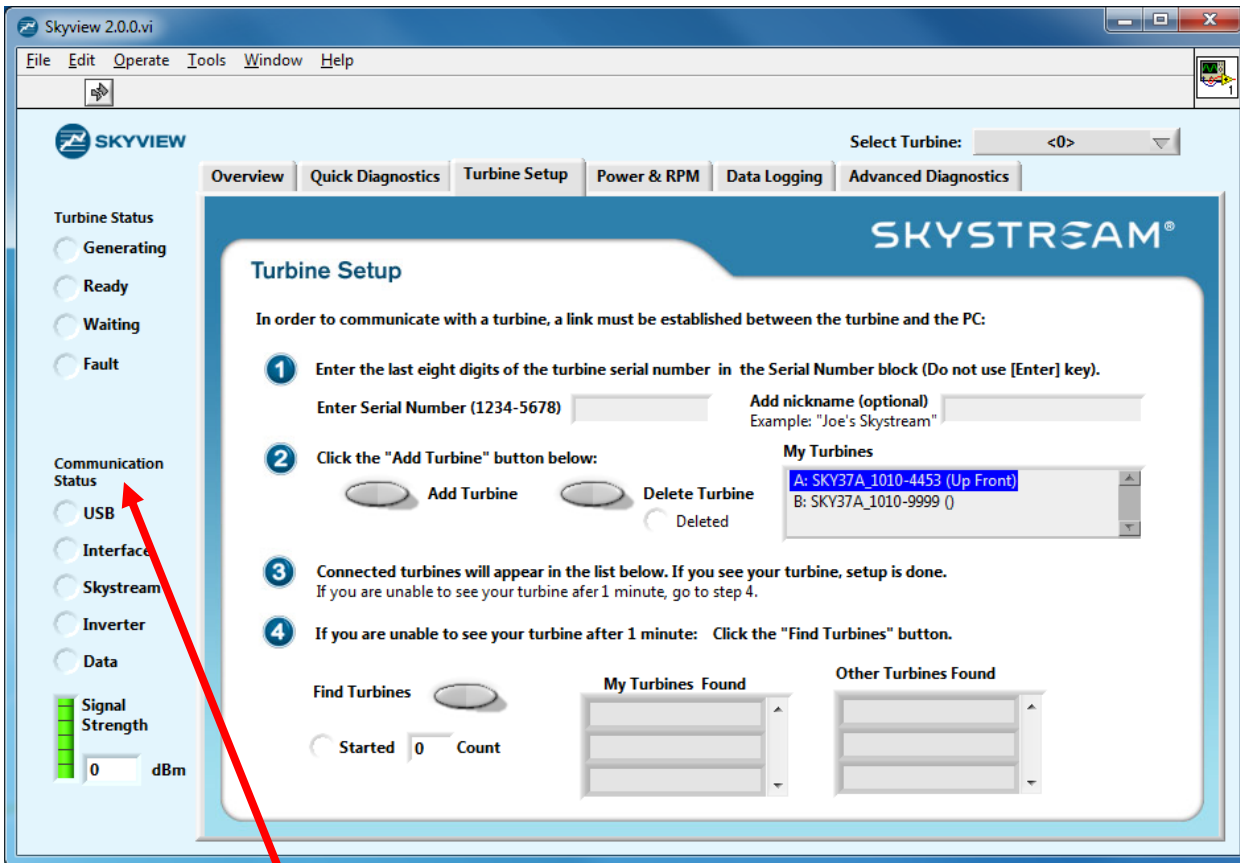


You may also get one or more of the error messages shown below if you try to open/use the Skyview program that comes up on your screen after this message:



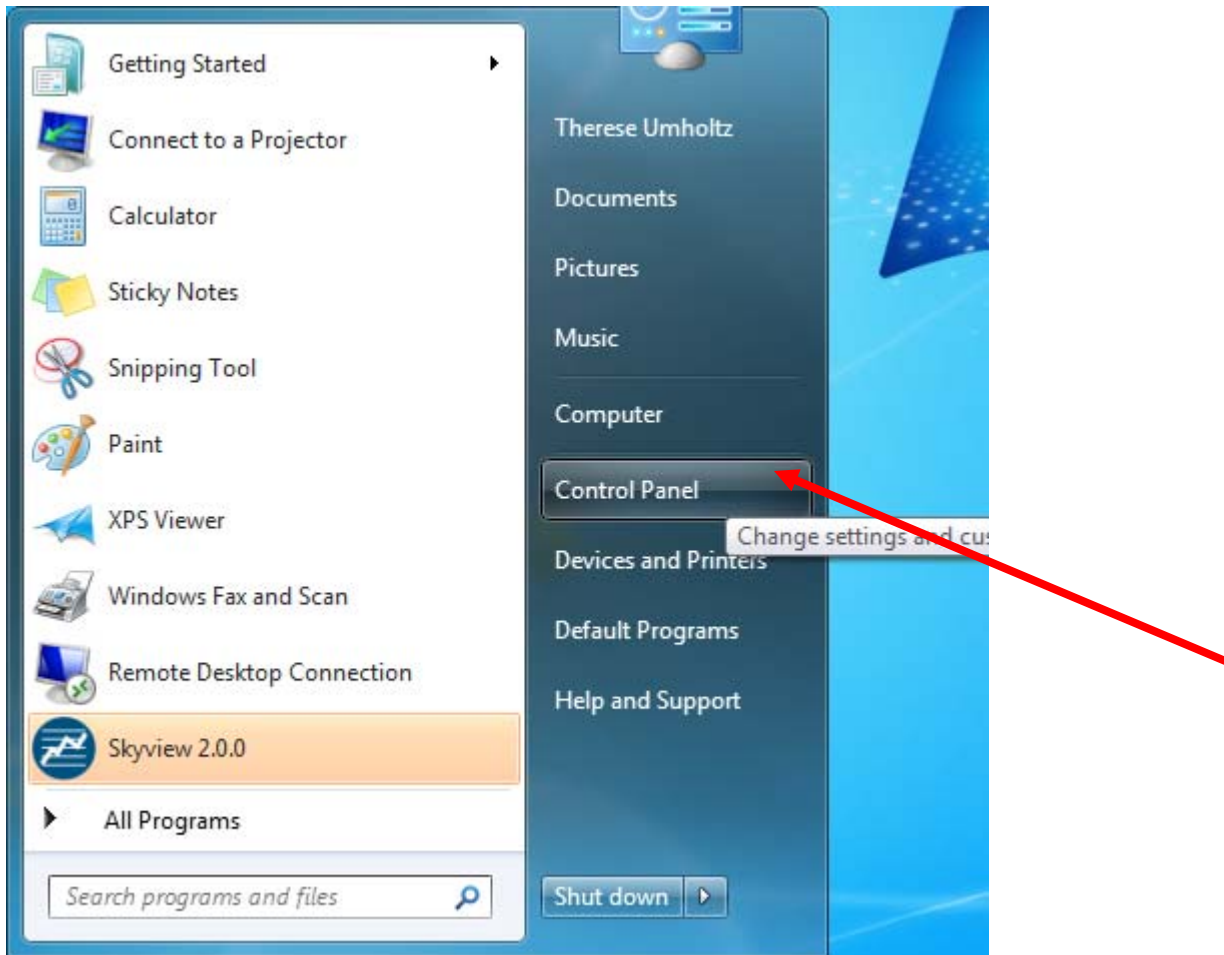


If your Skyview screen looks like the one below, with no green lights under “Communication Status” in the far left of the screen, this is another indication that the drivers for the xBee interface have not loaded.

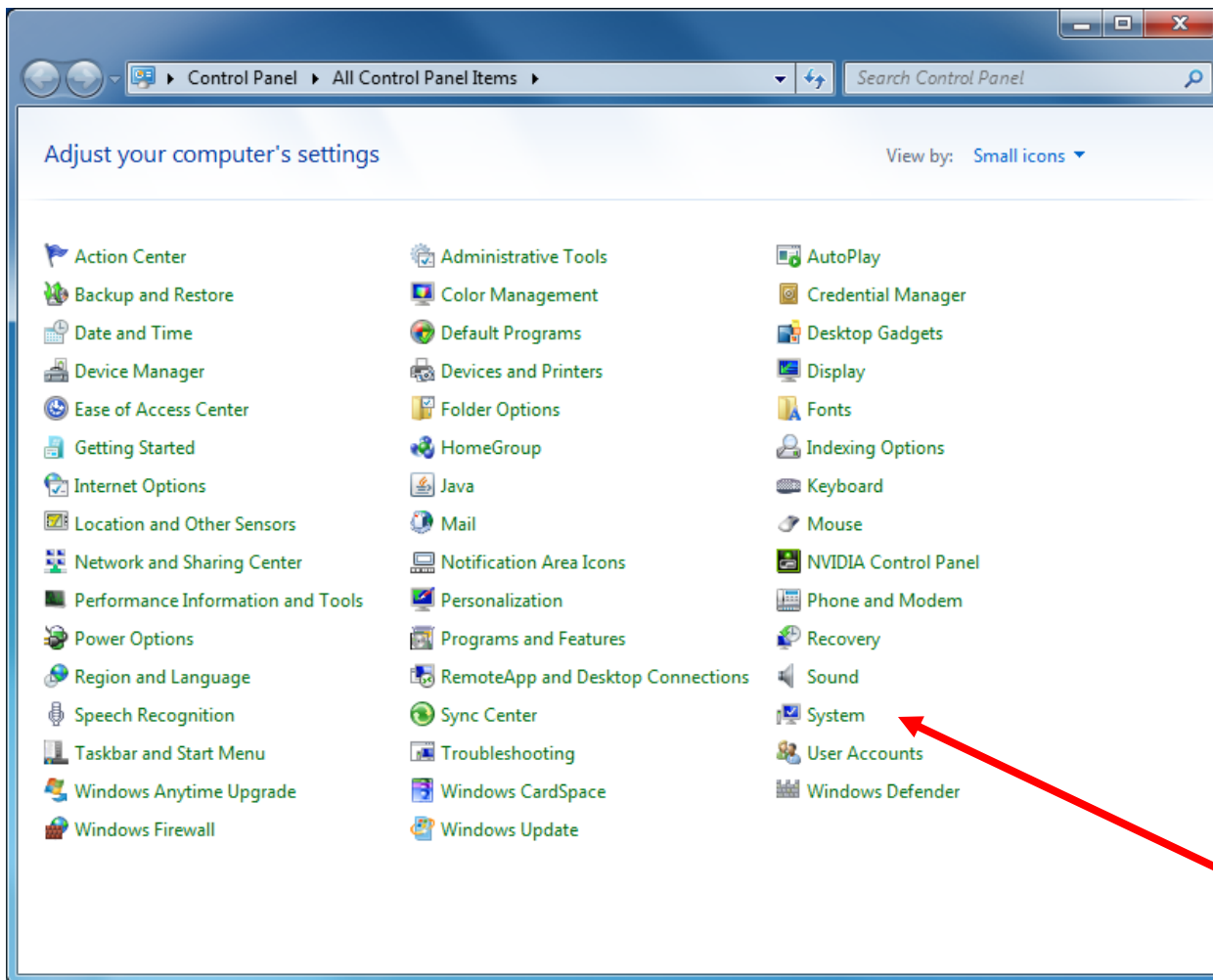


To load the drivers, follow the steps below:

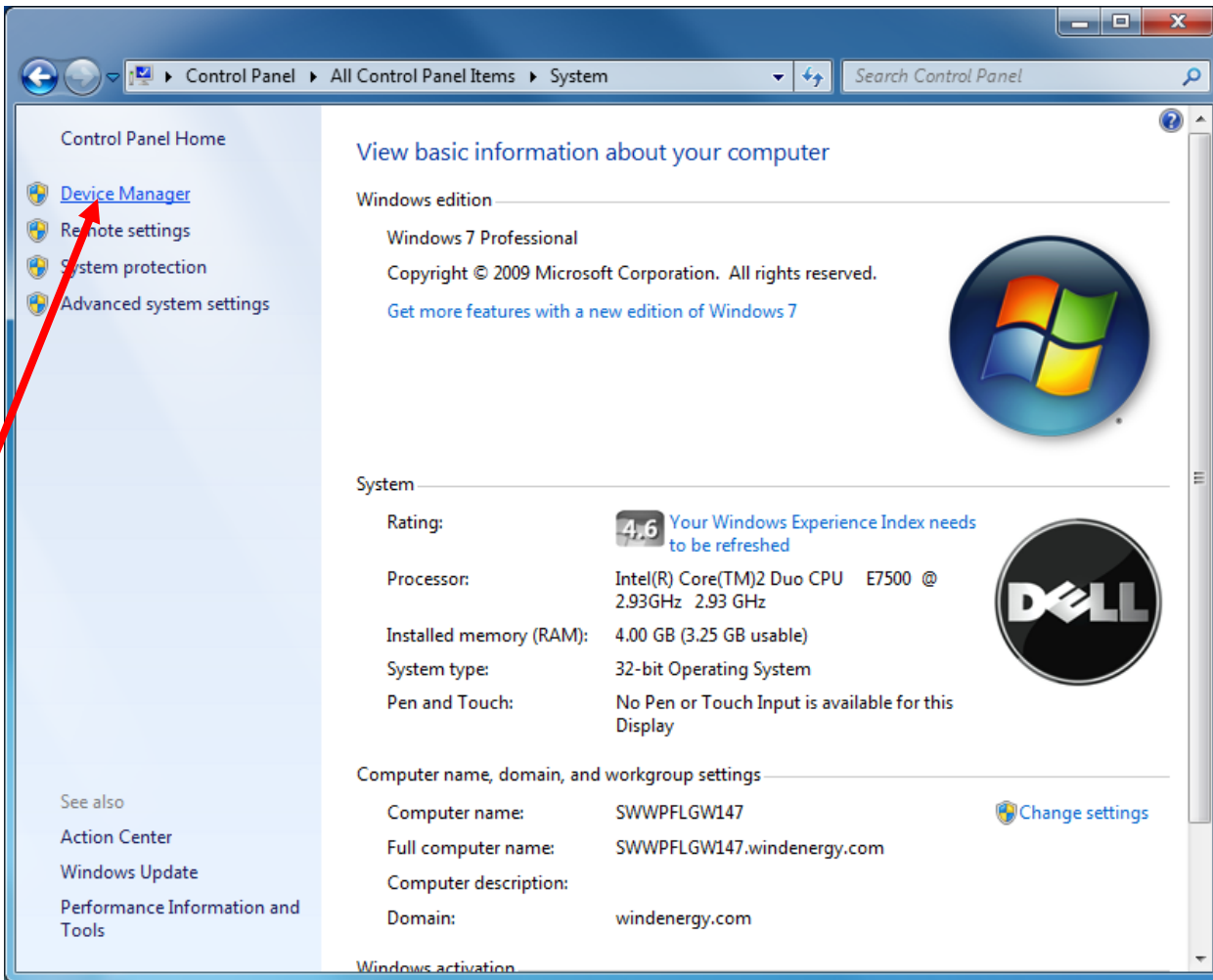
From the "Start" button, select "Control Panel"



In the Control Panel, select "System"



In the "System" screen, select "Device Manager"



The screenshot shows the Windows 7 Control Panel window. The breadcrumb path is "Control Panel > All Control Panel Items > System". The left sidebar contains "Control Panel Home", "Device Manager" (highlighted with a red arrow), "Remote settings", "System protection", and "Advanced system settings". The main content area is titled "View basic information about your computer" and includes sections for Windows edition, System, and Computer name, domain, and workgroup settings.

Control Panel Home

- Device Manager
- Remote settings
- System protection
- Advanced system settings

See also

- Action Center
- Windows Update
- Performance Information and Tools


### View basic information about your computer

Windows edition

Windows 7 Professional

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[Get more features with a new edition of Windows 7](#)



System


Rating: **4.6** [Your Windows Experience Index needs to be refreshed](#)

Processor: Intel(R) Core(TM)2 Duo CPU E7500 @ 2.93GHz 2.93 GHz

Installed memory (RAM): 4.00 GB (3.25 GB usable)

System type: 32-bit Operating System

Pen and Touch: No Pen or Touch Input is available for this Display



Computer name, domain, and workgroup settings

Computer name: SWWPFLGW147 [Change settings](#)

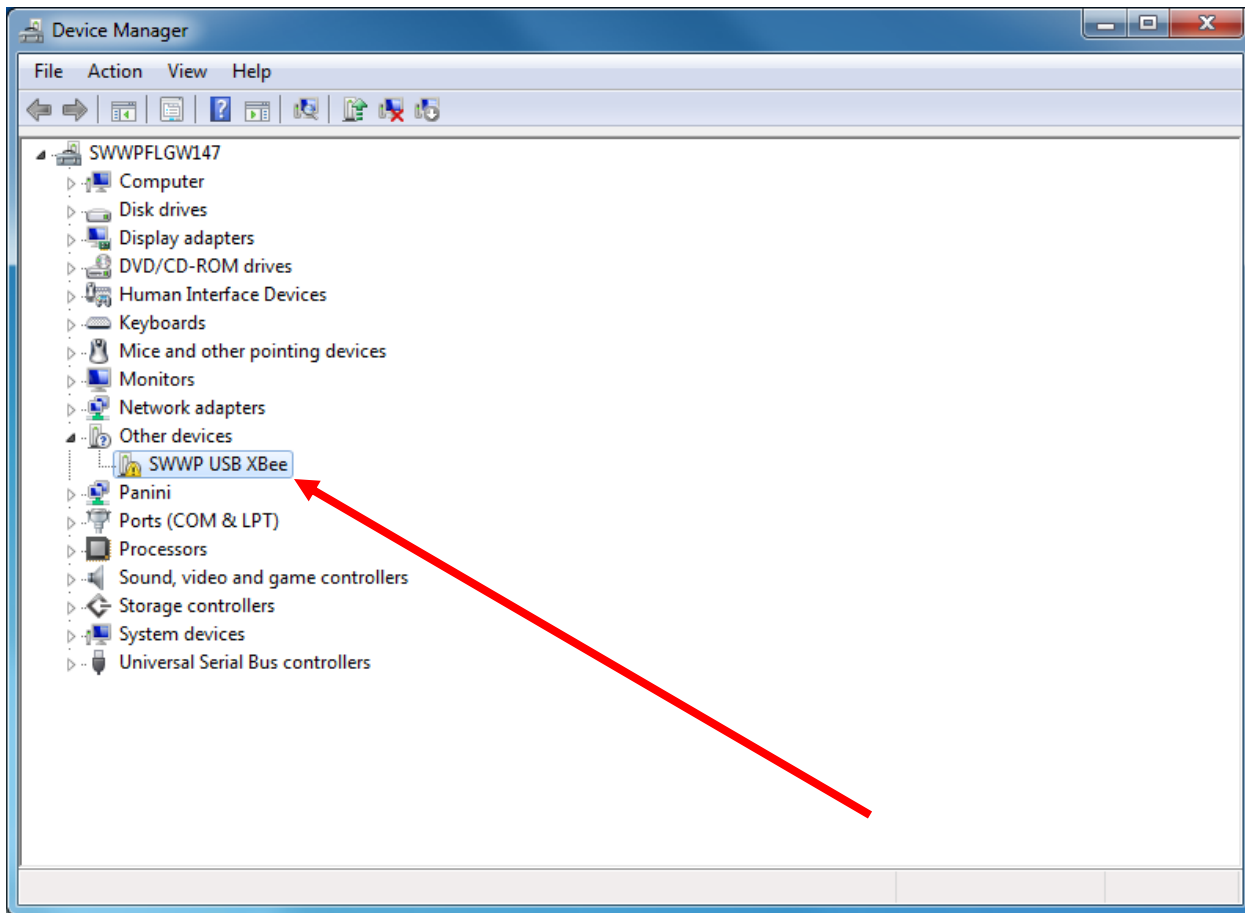
Full computer name: SWWPFLGW147.windenergy.com

Computer description:

Domain: windenergy.com

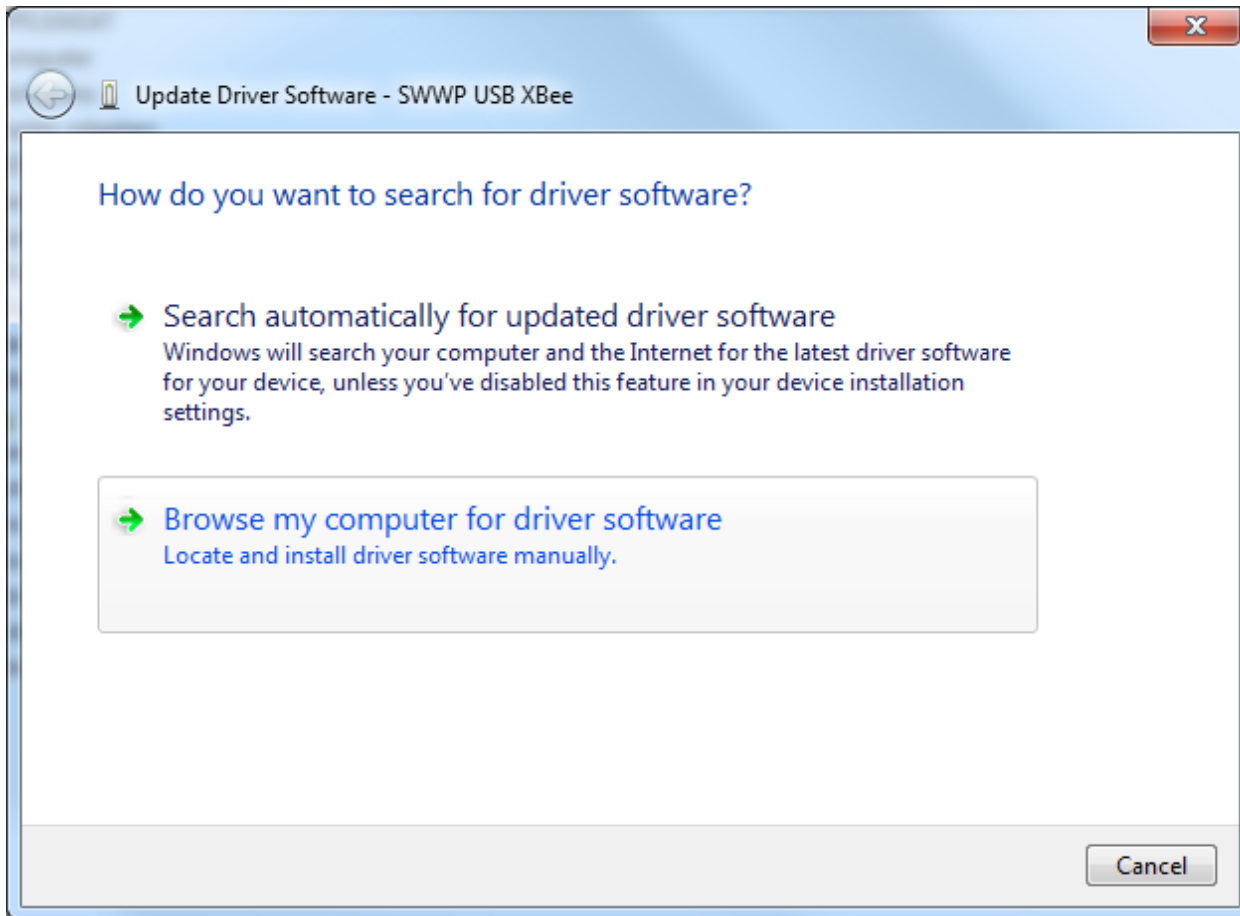
Windows activation

In the Device Manager screen, locate the SWWP USB Xbee device. It will be listed under “other devices” as below, or Universal Serial Bus controllers (you may have to “expand” that menu item to see the list):

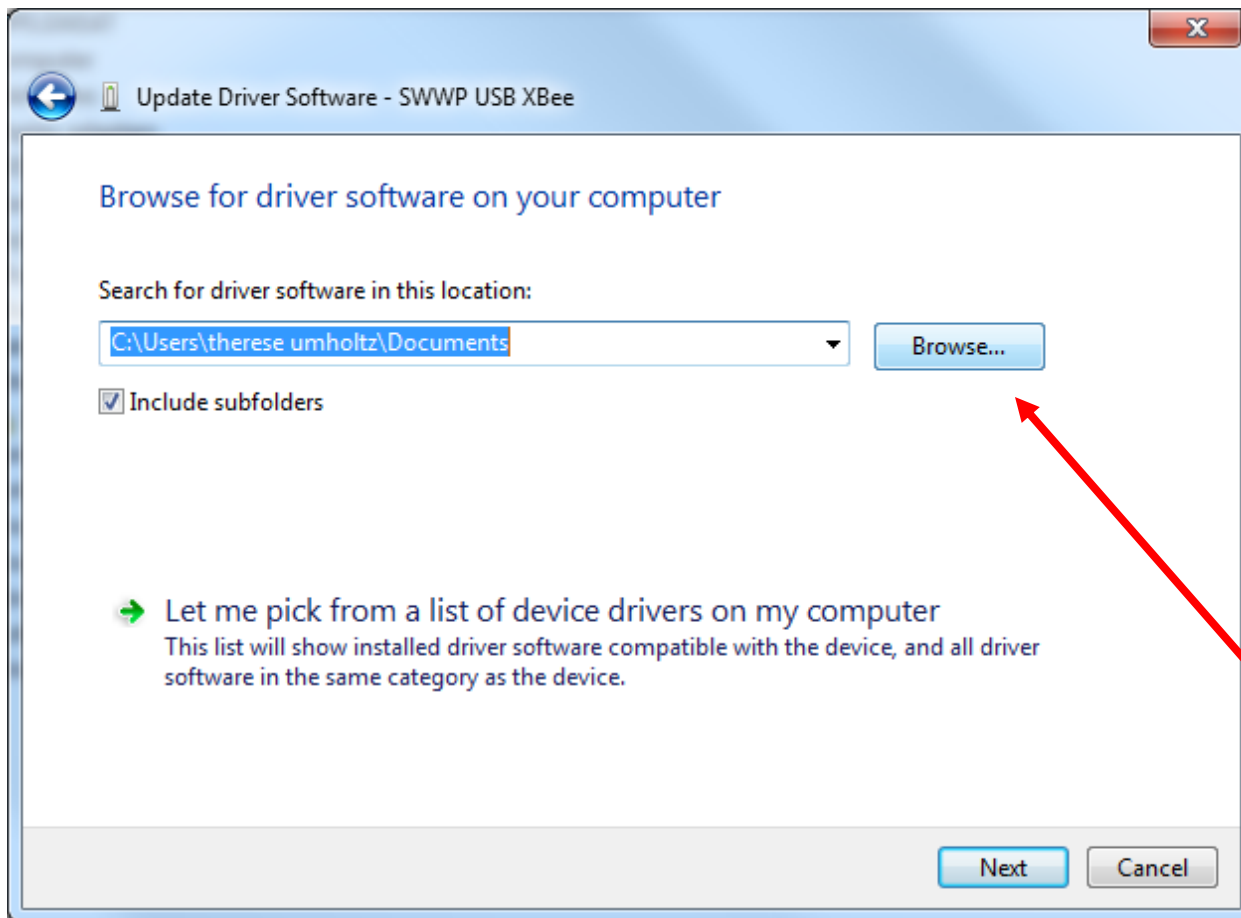


Right click on the name of the device, and select “update driver” from the menu that will appear (no screen shot available)

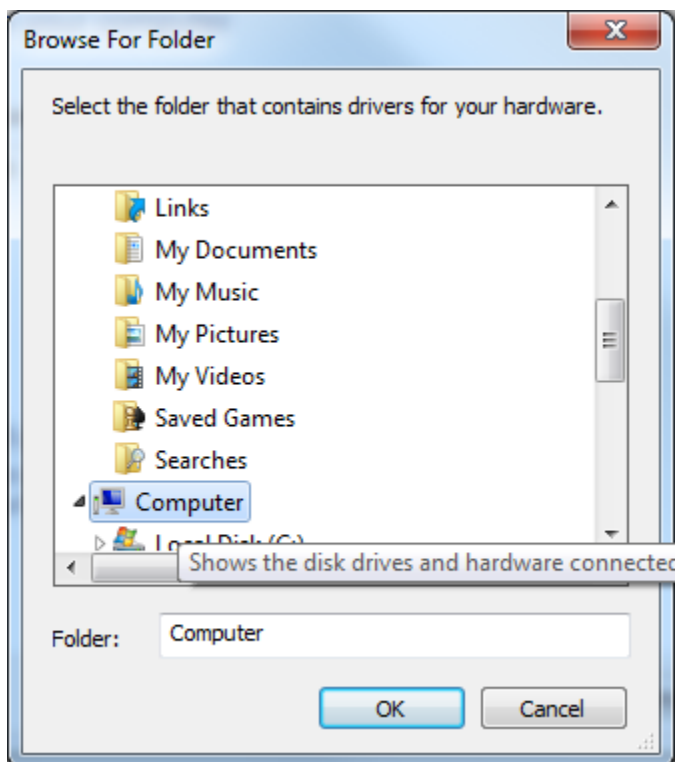
The following screen will appear. Select “Browse my computer for driver software”

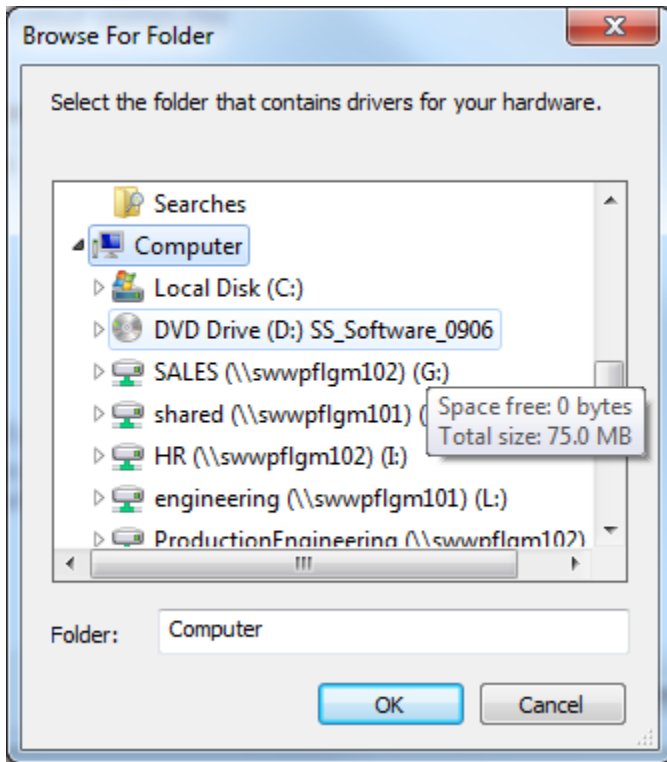


In the next screen, click the “browse” button.

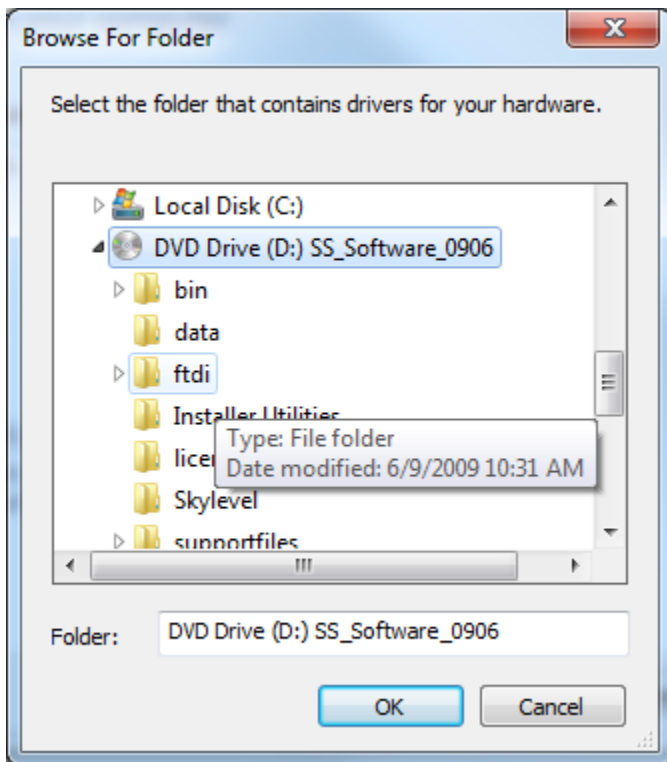


In the Browse For Folder, find the CD Rom drive containing the Skyview 2.0 software, or the location of your downloaded Skyview 2.0 file.

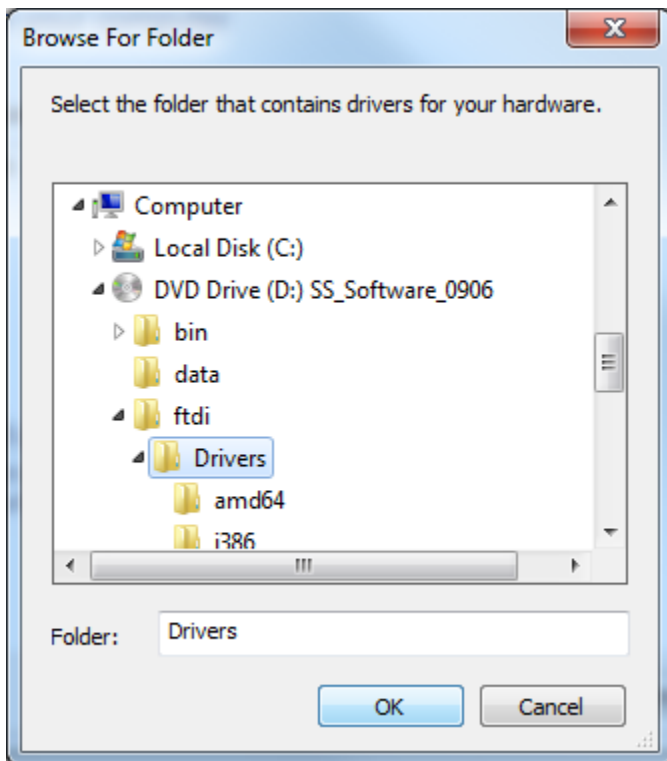
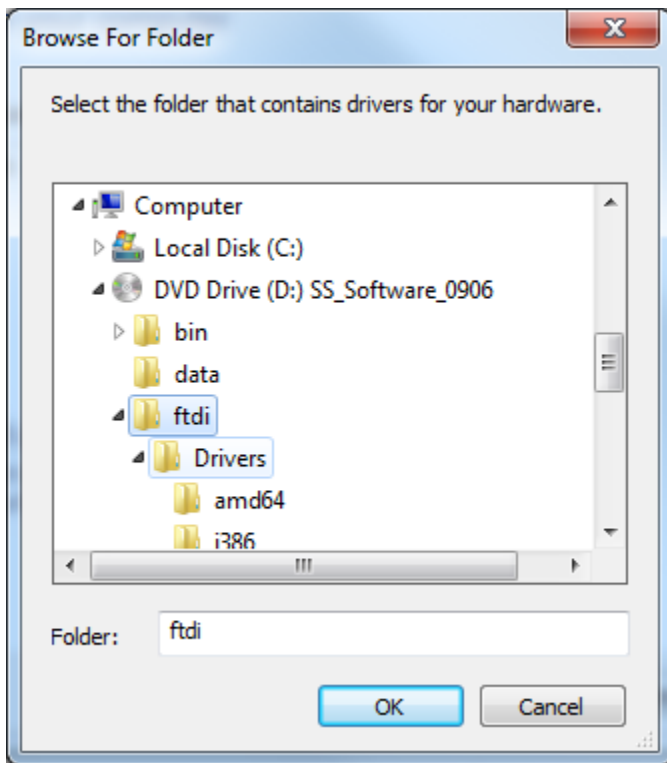




Double click on the "ftdi" folder.

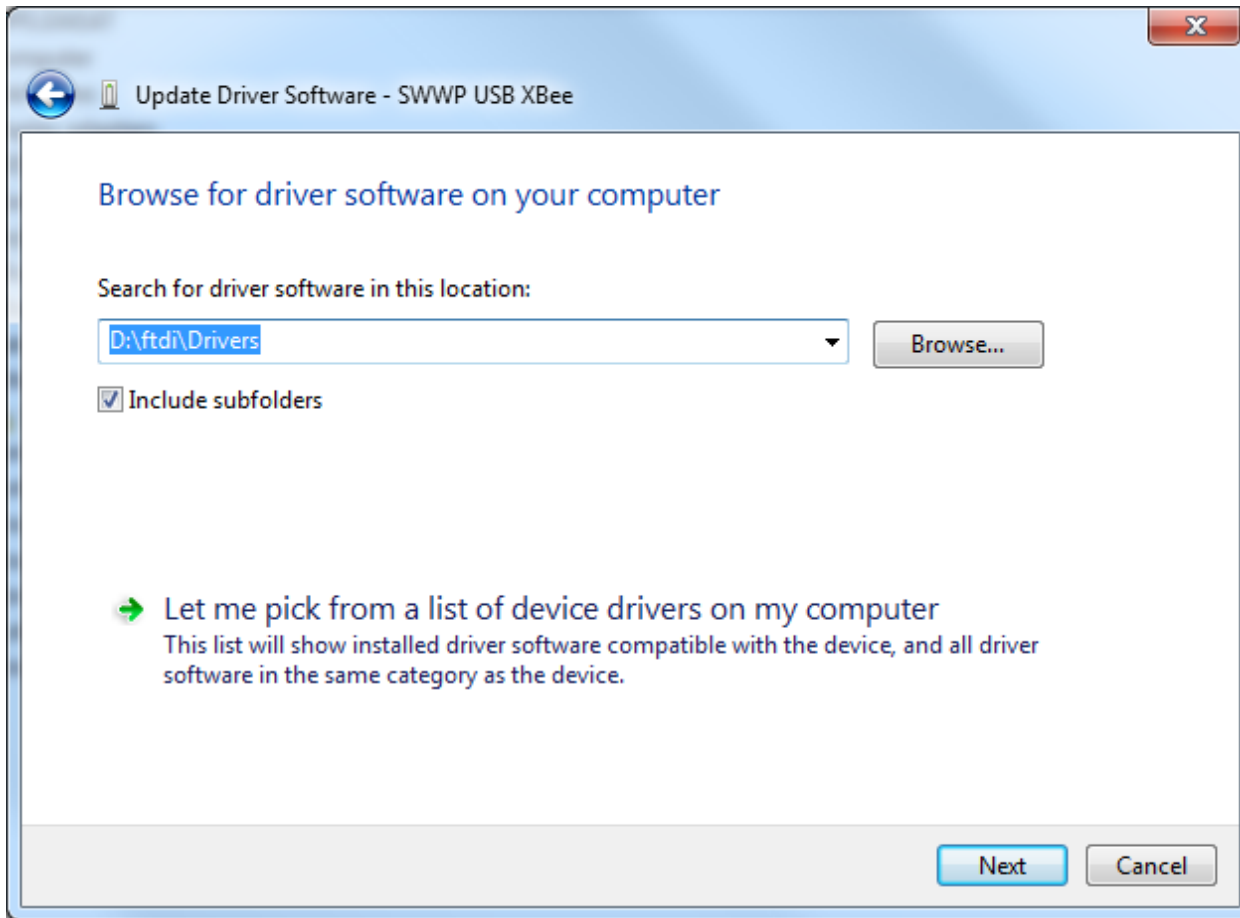


Single click (or “select”) only, on the “Drivers” folder within the ftdi folder.



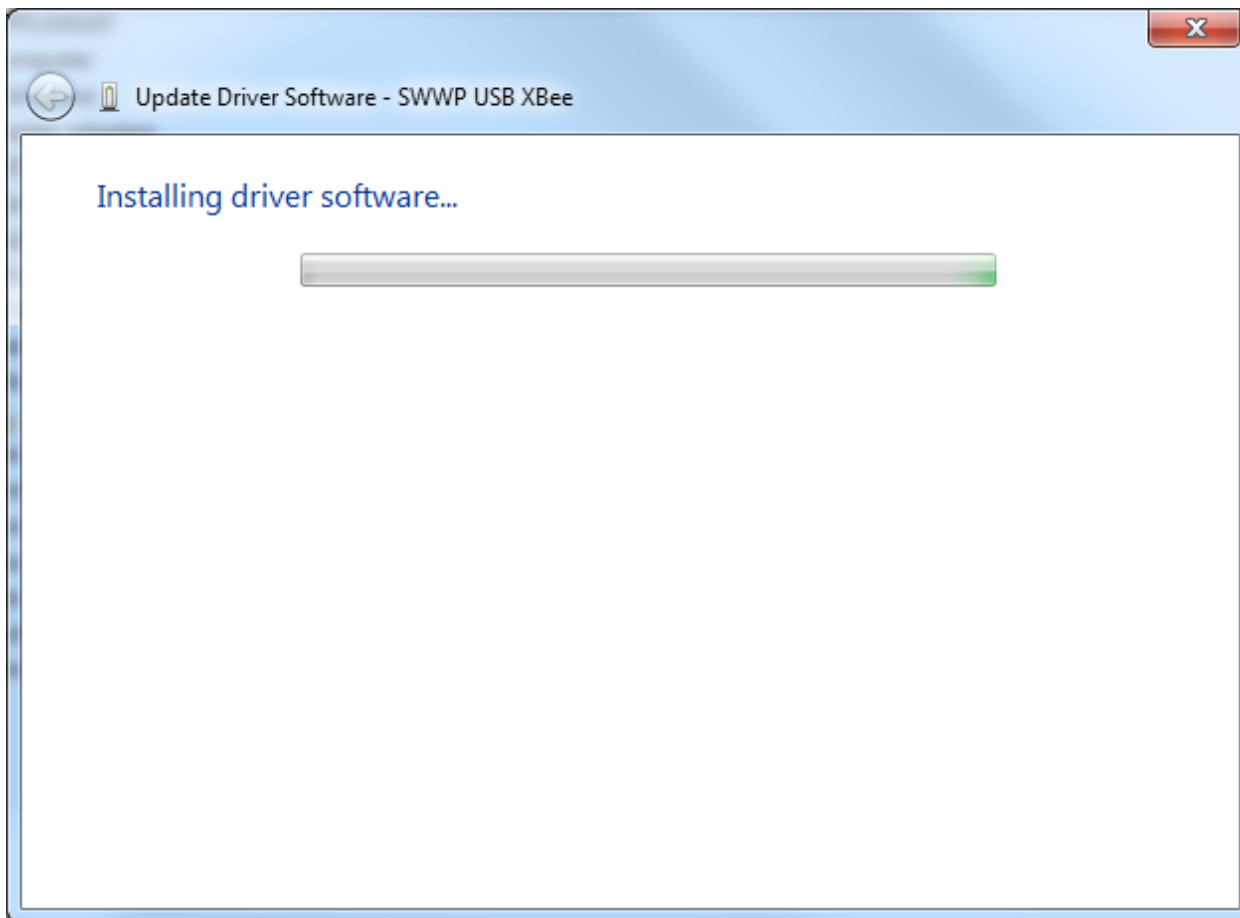
Click “OK”

The next screen that comes up should look like the one below:

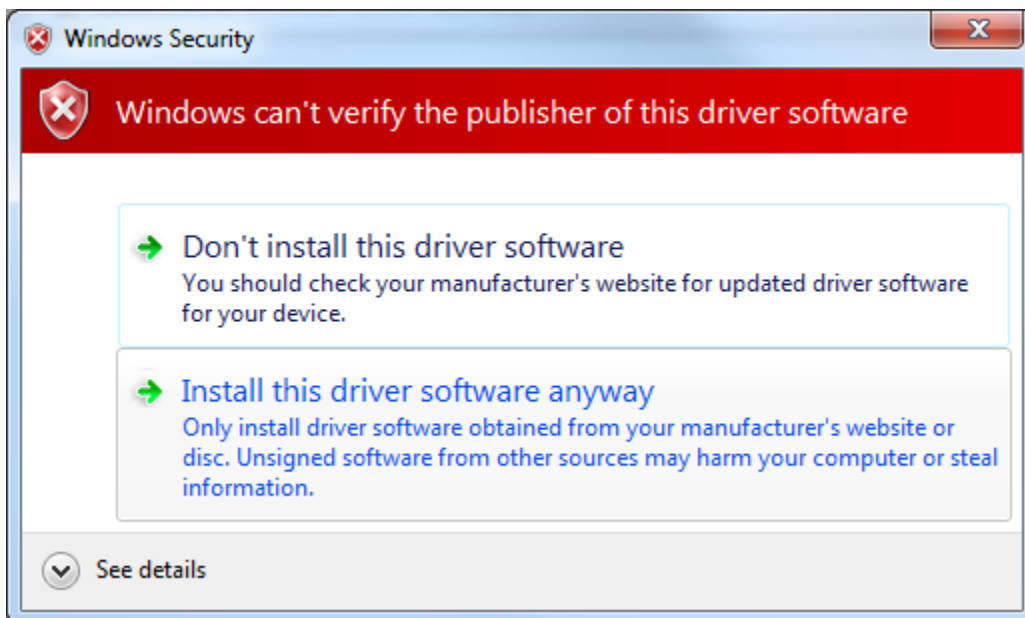


Click "Next"

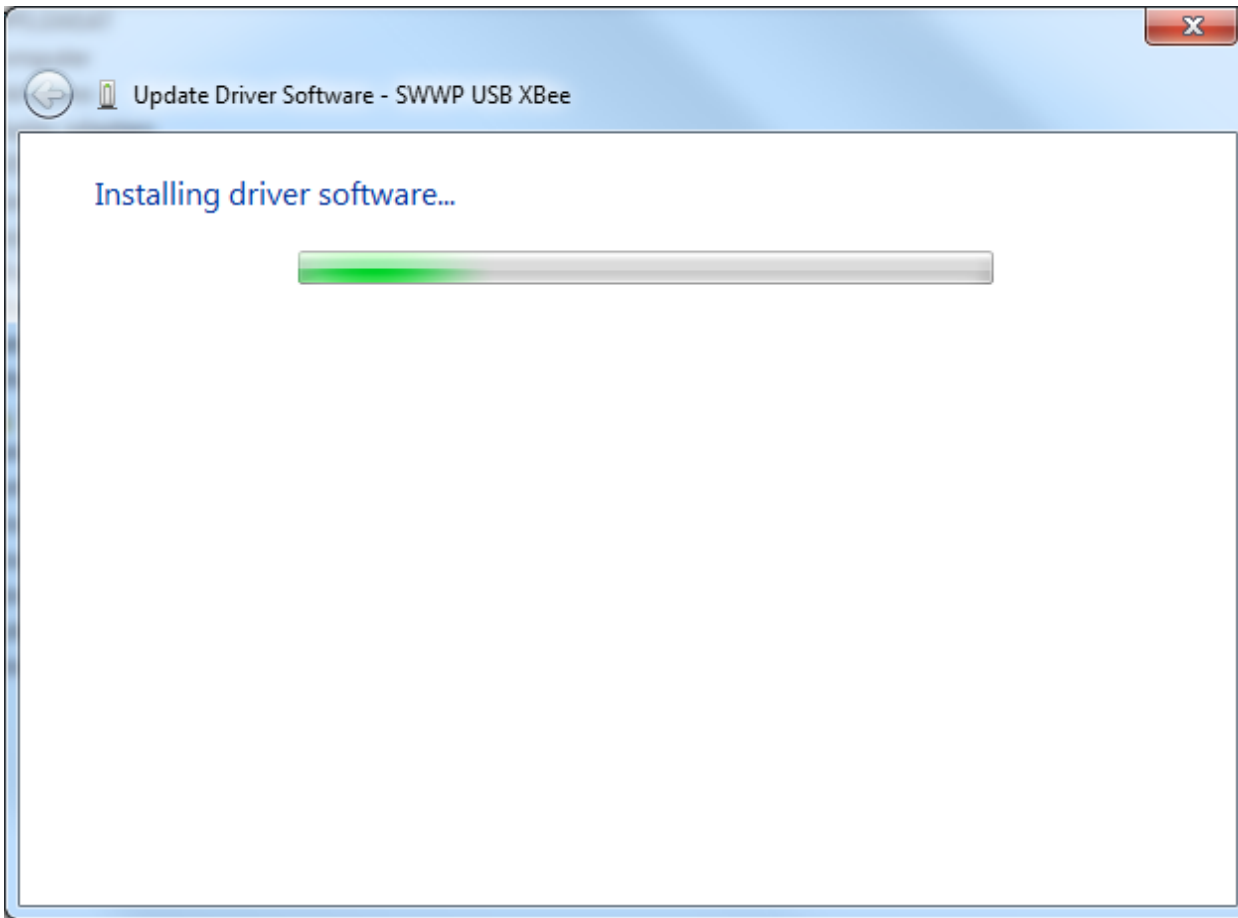
Your computer should bring up the screen below as an indication it is installing the driver.



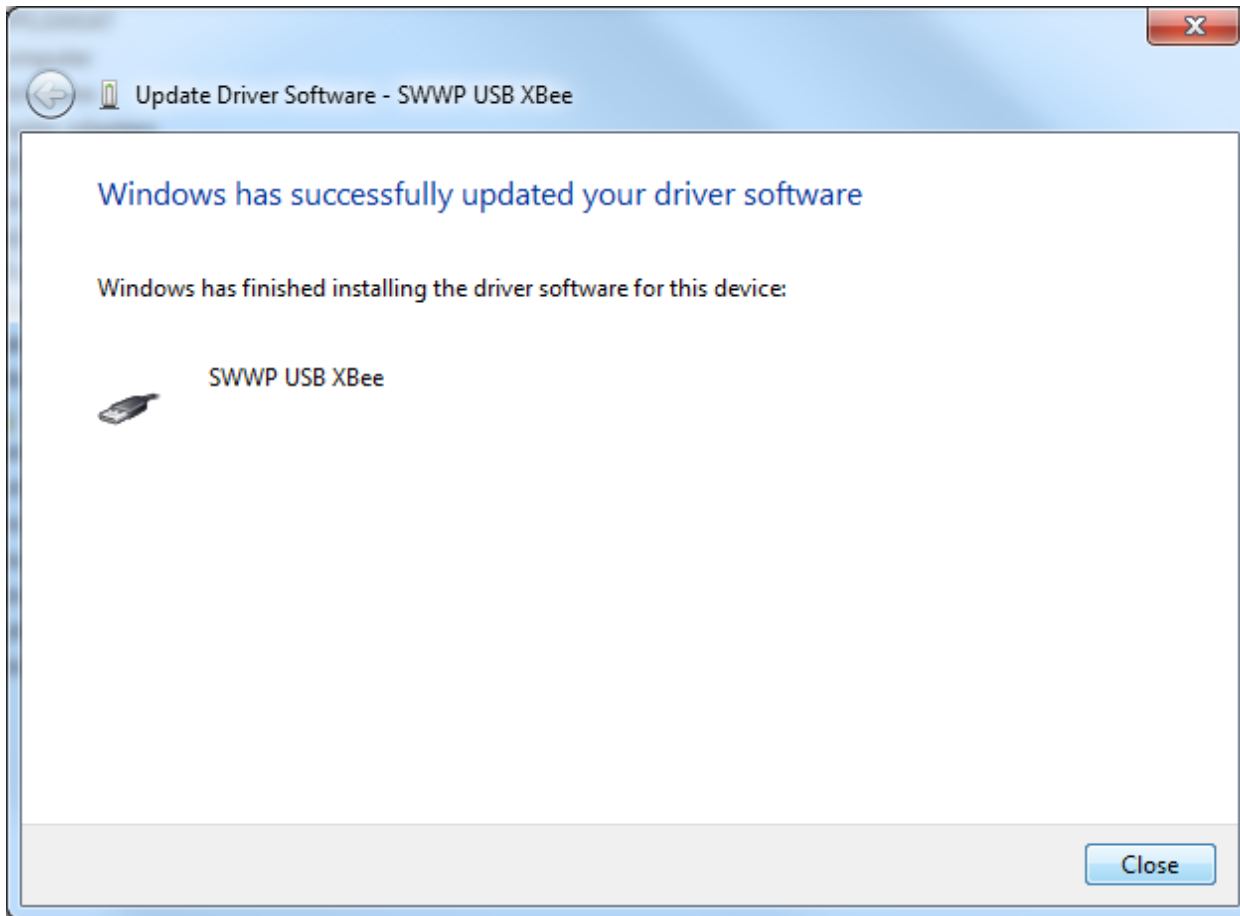
You will most likely get the following warning. Select "Install this driver software anyway."



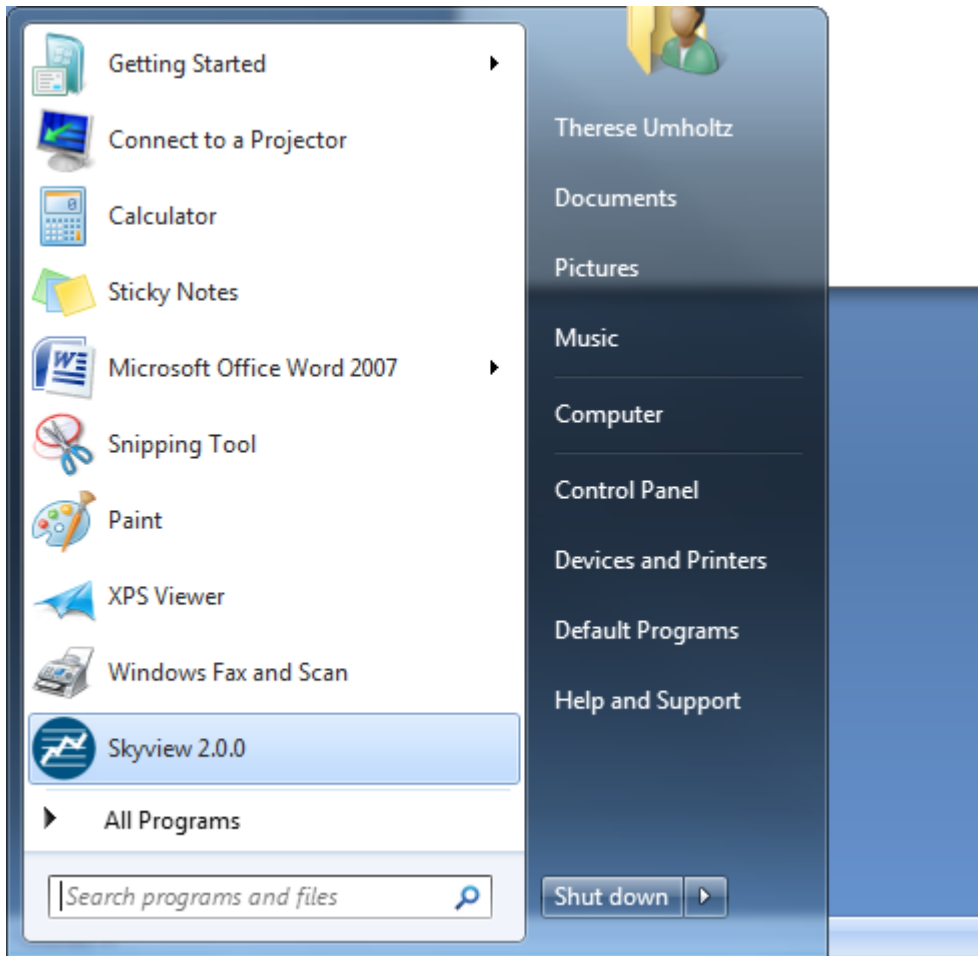
The computer will continue installing the driver software.



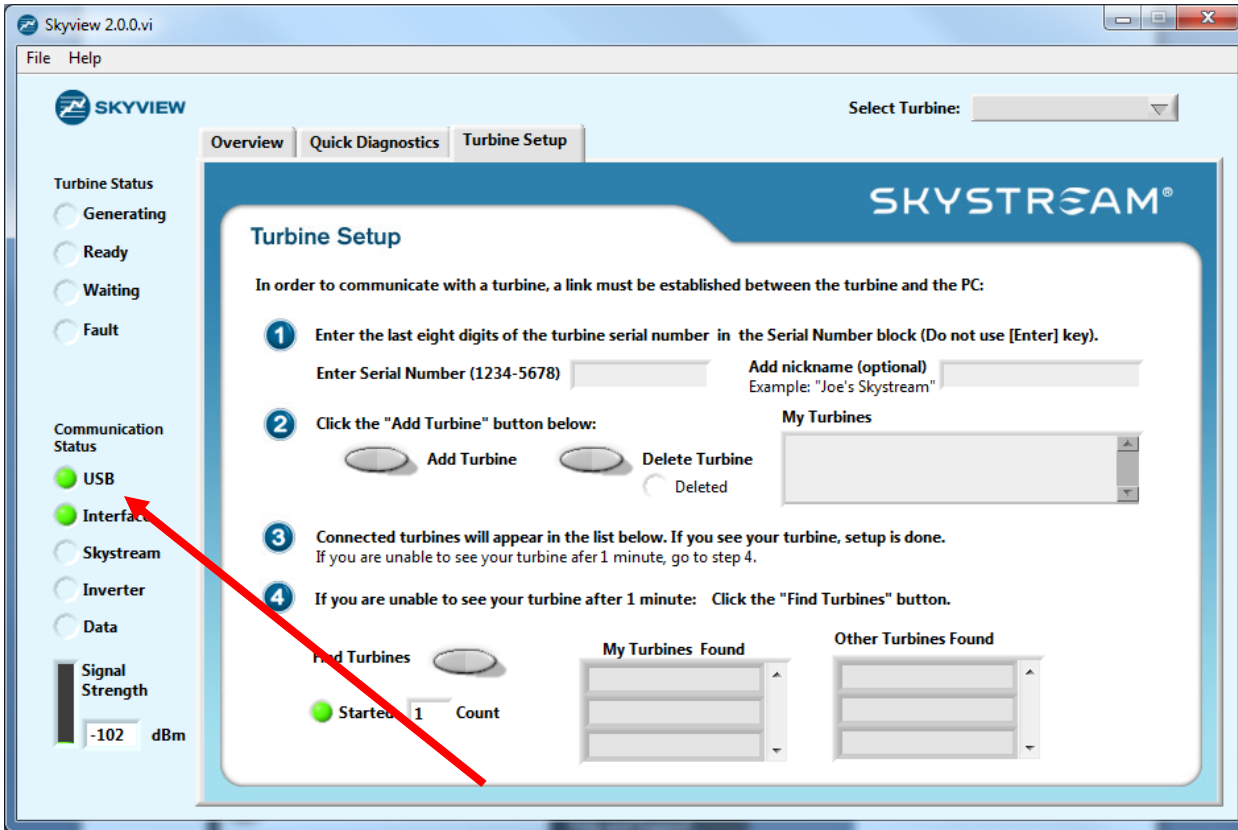
It should only take 30 – 60 seconds or so, and you should get the confirmation screen below:



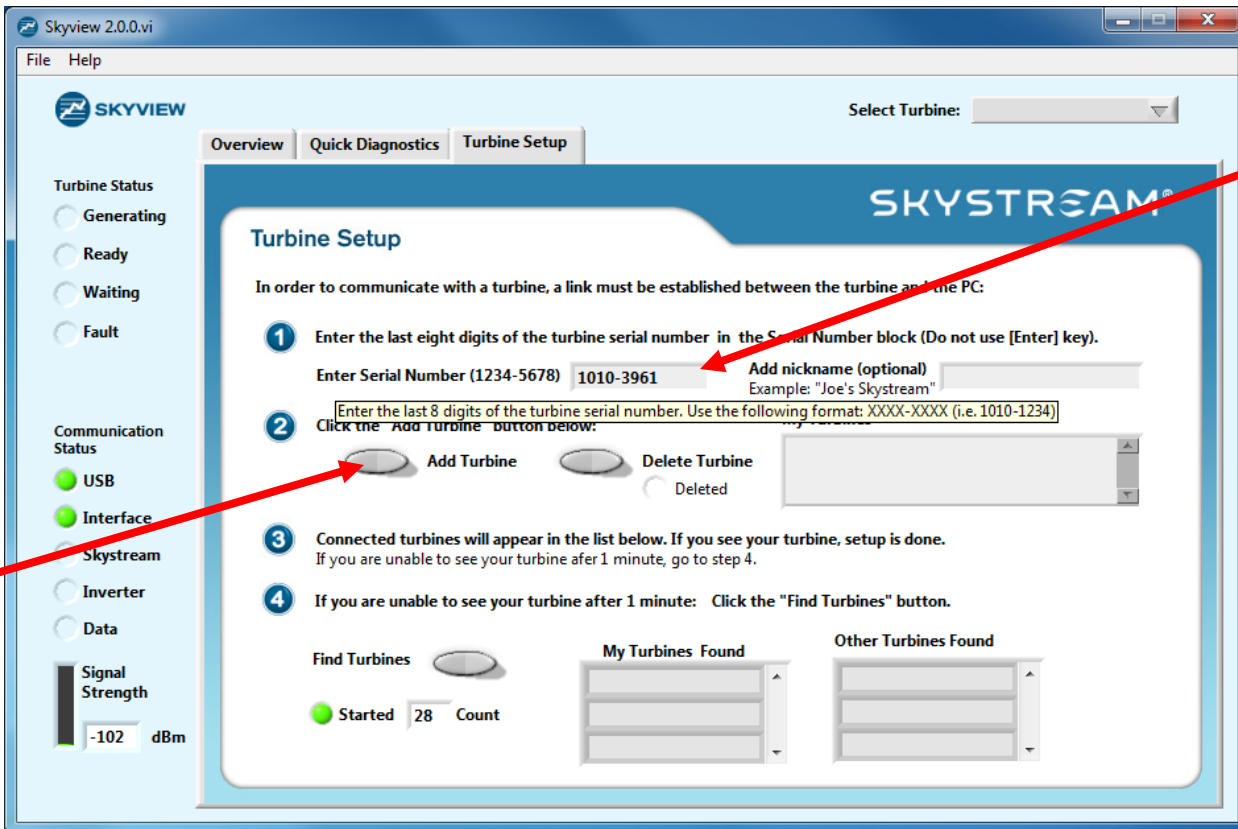
Close out of everything...go to the Start button and select "Skyview 2.0"



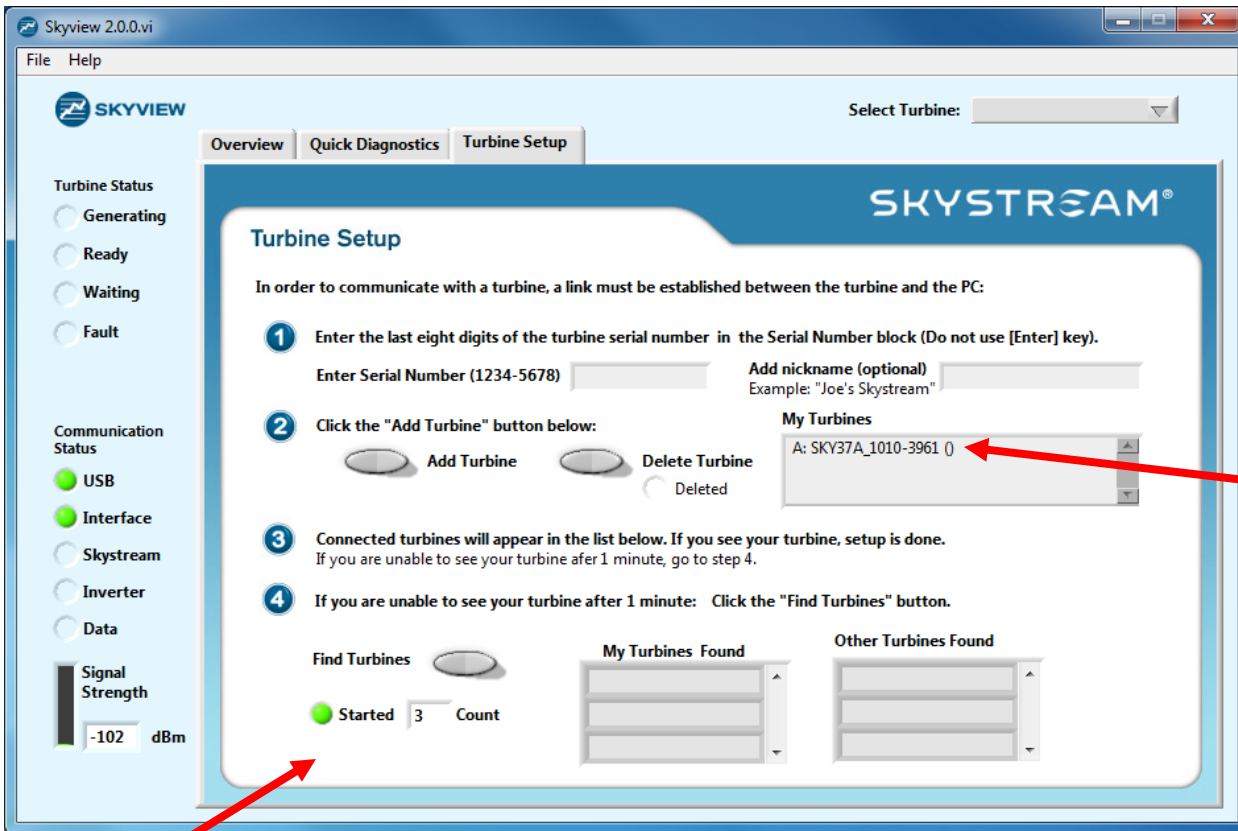
The Skyview 2.0.0.vi software should now come up on your screen with the USB and Interface lights showing GREEN under "Communication Status" on the far left:



Now you can proceed with entering your serial number in the Turbine Setup screen under step 1. Once the 8 digit number is entered there, click "add turbine" under step 2



The serial number will show up in the "My Turbines" screen, and the count will initiate under step 4 (60 second count).



Within the 60 seconds, the turbine serial number should show up in the "My Turbines Found" field

The screenshot shows the Skyview 2.0.0.vi application window. The title bar reads "Skyview 2.0.0.vi" and the menu bar has "File" and "Help". The main interface has a sidebar on the left and a main content area on the right.

**Sidebar:**

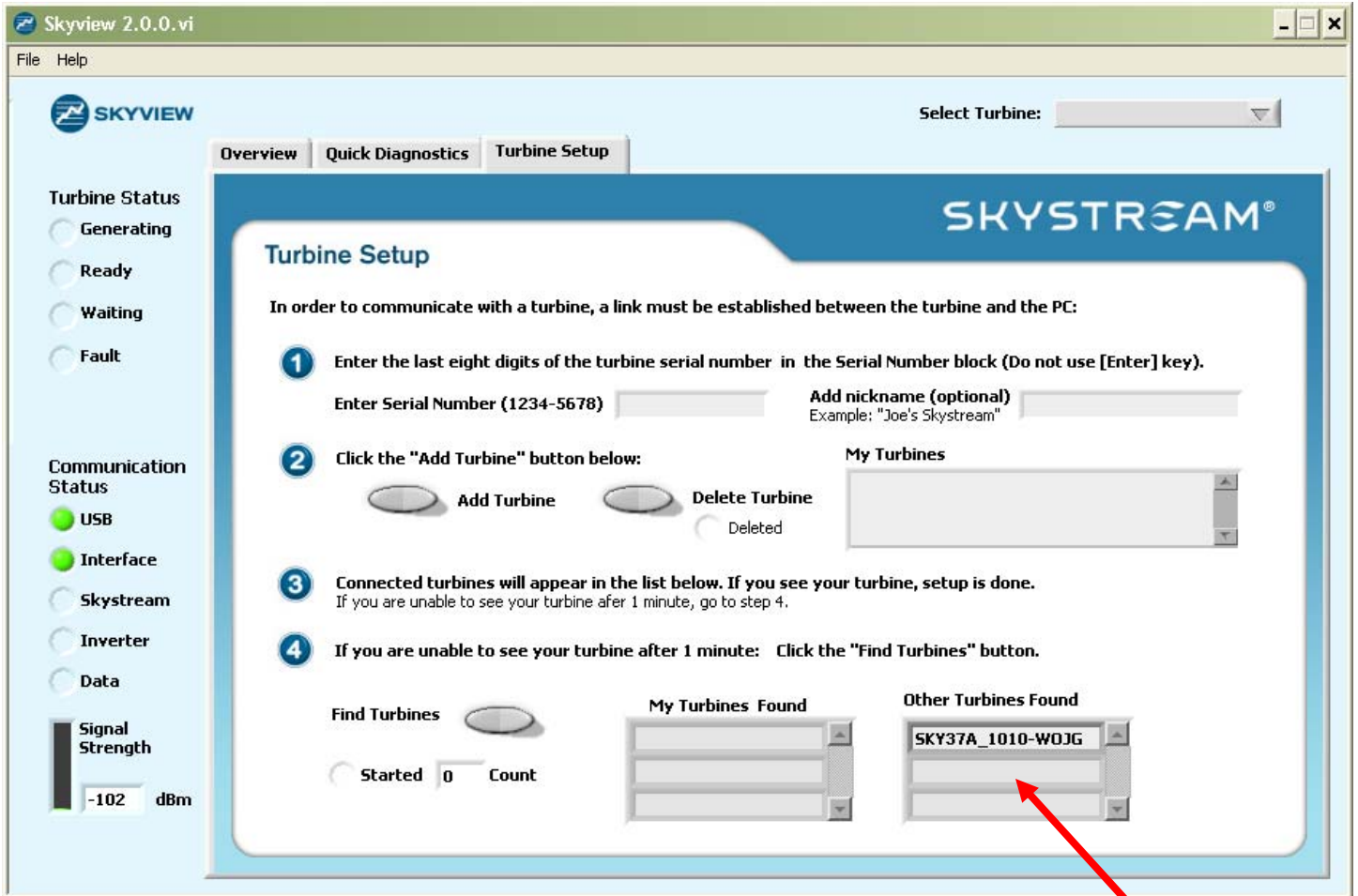
- Turbine Status:** Generating (radio), Ready (radio), Waiting (radio), Fault (radio).
- Communication Status:** USB (green dot), Interface (green dot), Skystream (green dot), Inverter (green dot), Data (green dot).
- Signal Strength:** A vertical bar with a value of -47 dBm.

**Main Content Area:**

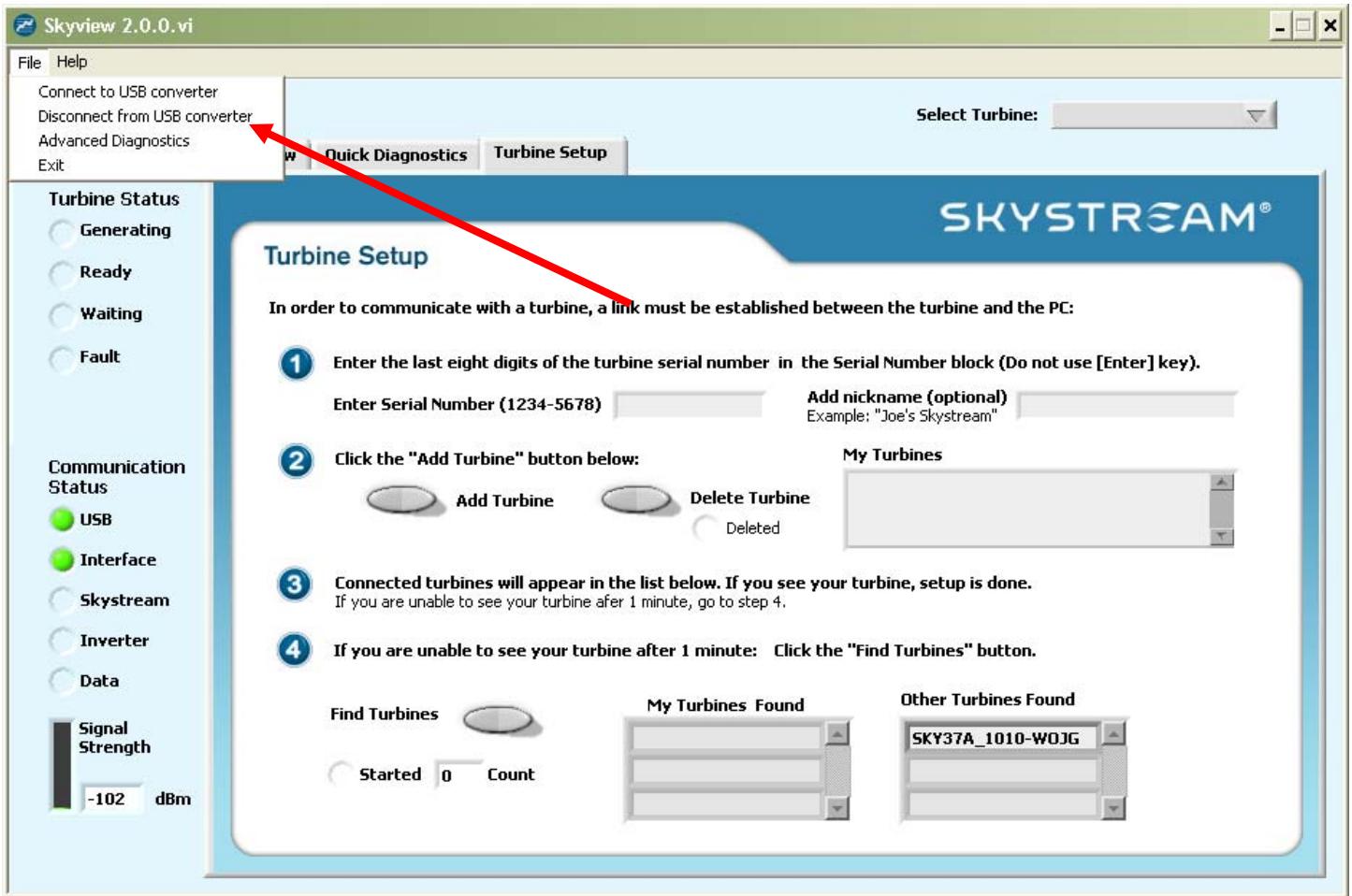
- Top right: "Select Turbine: SKY37A\_1010-3196" (dropdown menu).
- Navigation tabs: Overview, Quick Diagnostics, Turbine Setup (selected).
- Turbine Setup Section:**
  - Header: "SKYSTREAM®"
  - Text: "In order to communicate with a turbine, a link must be established between the turbine and the PC:"
  - Step 1: "Enter the last eight digits of the turbine serial number in the Serial Number block (Do not use [Enter] key)."  
Input fields: "Enter Serial Number (1234-5678)" and "Add nickname (optional) Example: 'Joe's Skystream'"
  - Step 2: "Click the 'Add Turbine' button below:"  
Buttons: "Add Turbine", "Delete Turbine", "Deleted" (radio).  
List: "My Turbines" containing "A: SKY37A\_1010-3196 ()".
  - Step 3: "Connected turbines will appear in the list below. If you see your turbine, setup is done. If you are unable to see your turbine after 1 minute, go to step 4."
  - Step 4: "If you are unable to see your turbine after 1 minute: Click the 'Find Turbines' button."
  - Buttons: "Find Turbines", "Started" (radio), "Count" (radio).
  - Lists:
    - "My Turbines Found": SKY37A\_1010-3196
    - "Other Turbines Found": (empty list)

A red arrow points from the bottom left towards the "My Turbines Found" list.

Occasionally the interface will “find” the turbine before you have a chance to enter the serial number, in which case the serial number will show up in an encoded format under “Other Turbines Found”



To get it to “jump” over to “My Turbines Found” simply go to the File menu in the upper left corner of the screen, and click on “Disconnect from USB Converter”



The USB and Interface lights will go out. As soon as they do, click on File/Connect to USB Converter. The turbine’s serial number will “jump” over to the My Turbines Found field and you will notice all five Communication Status lights will be green:

Skyview 2.0.0.vi

File Help

SKYVIEW

Select Turbine: SKY37A\_1010-3196

Overview Quick Diagnostics Turbine Setup

**Turbine Status**

- Generating
- Ready
- Waiting
- Fault

**Communication Status**

- USB
- Interface
- Skystream
- Inverter
- Data

Signal Strength: -48 dBm

### Turbine Setup

In order to communicate with a turbine, a link must be established between the turbine and the PC:

- Enter the last eight digits of the turbine serial number in the Serial Number block (Do not use [Enter] key).  
 Enter Serial Number (1234-5678)  Add nickname (optional)   
 Example: "Joe's Skystream"
- Click the "Add Turbine" button below:  
  Deleted   
 My Turbines: A: SKY37A\_1010-3196 ()
- Connected turbines will appear in the list below. If you see your turbine, setup is done. If you are unable to see your turbine after 1 minute, go to step 4.
- If you are unable to see your turbine after 1 minute: Click the "Find Turbines" button.

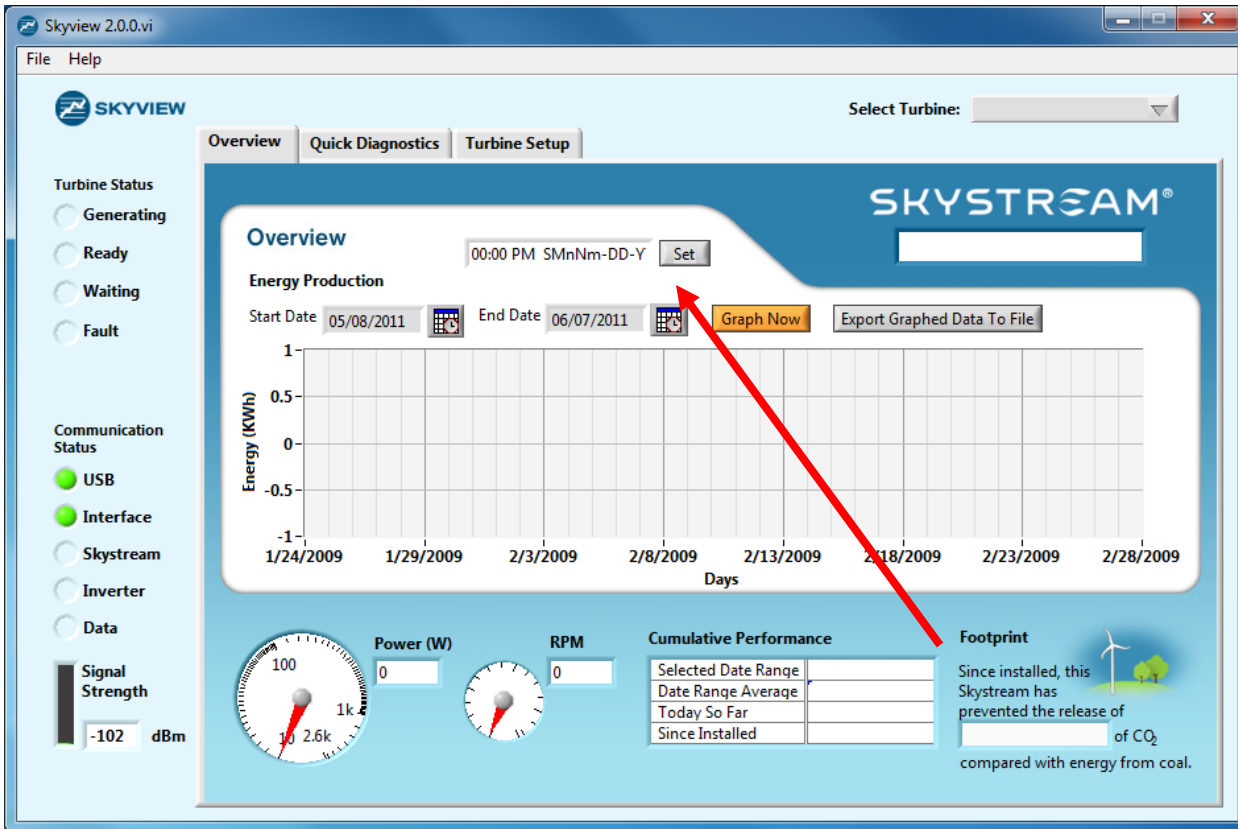
Find Turbines

Started 47 Count

| My Turbines Found | Other Turbines Found |
|-------------------|----------------------|
| SKY37A_1010-3196  |                      |
|                   |                      |
|                   |                      |

You are communicating with your turbine!

The first thing you should do is to “set” the date in the Overview screen because it will likely have an erroneous date showing there.



Enjoy your wireless communication! If you have questions about the various tabs and information, please read your Skyview Instruction Manual included on the CD Rom that you received containing the Skyview software.