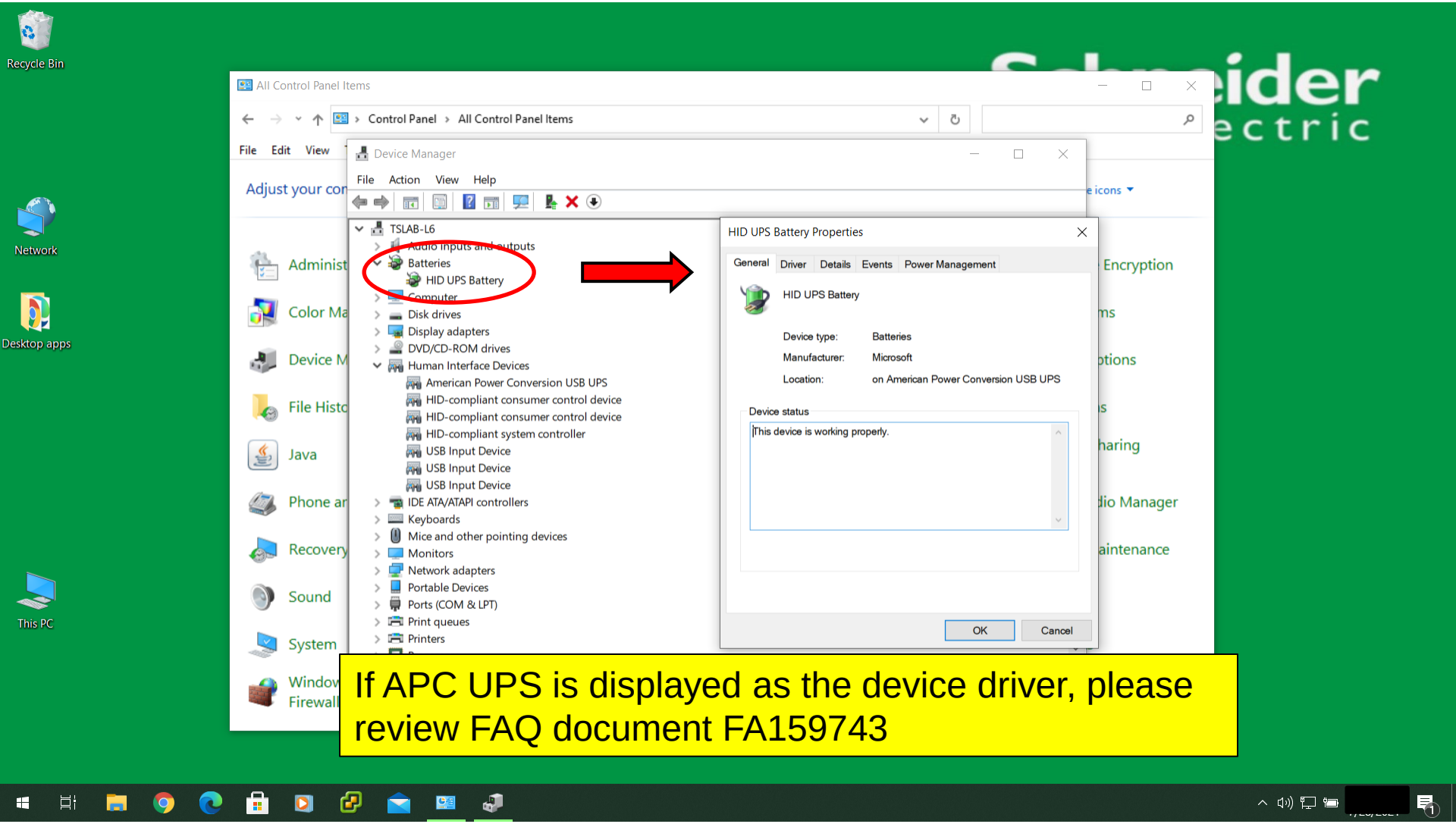
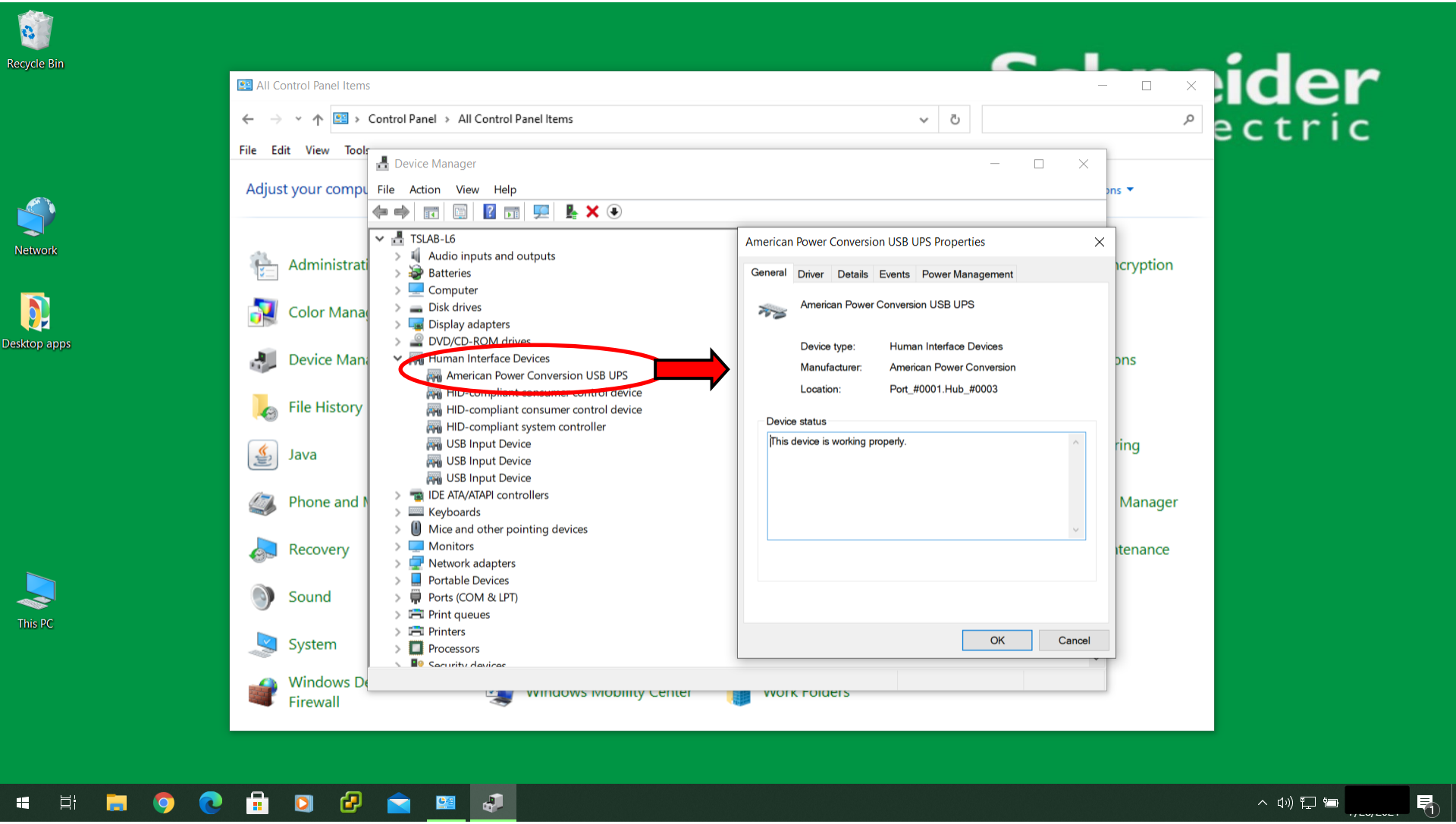
How to configure Microsoft Vista, Windows 7, 8, 10 and Windows Server 2008, 2012, 2016, 2019 to use Native UPS Shutdown Power Options

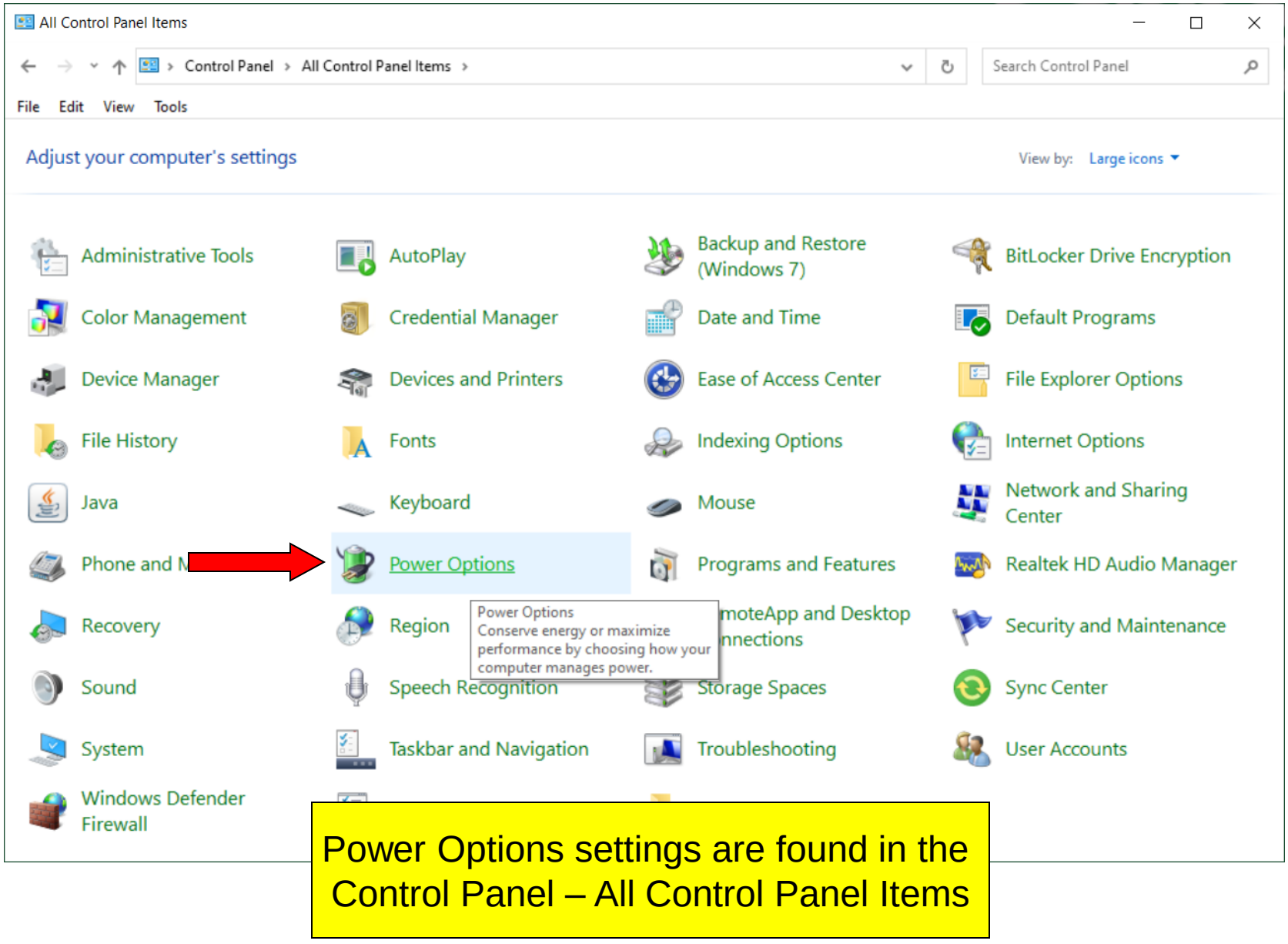
Microsoft Vista, Windows 7, 8, 10 and Server 2008, 2012, 2016, 2019 do not have native serial UPS shutdown. For a serial UPS, PowerChute Business Edition should be used. For any USB connected UPS, Windows does have some configuration for shutdown if you do not want to use the APC software. Once a USB UPS is connected, Windows adds configuration similar to that of a laptop with an on-board battery. Once this happens, you can set up power options in the same way as a laptop.

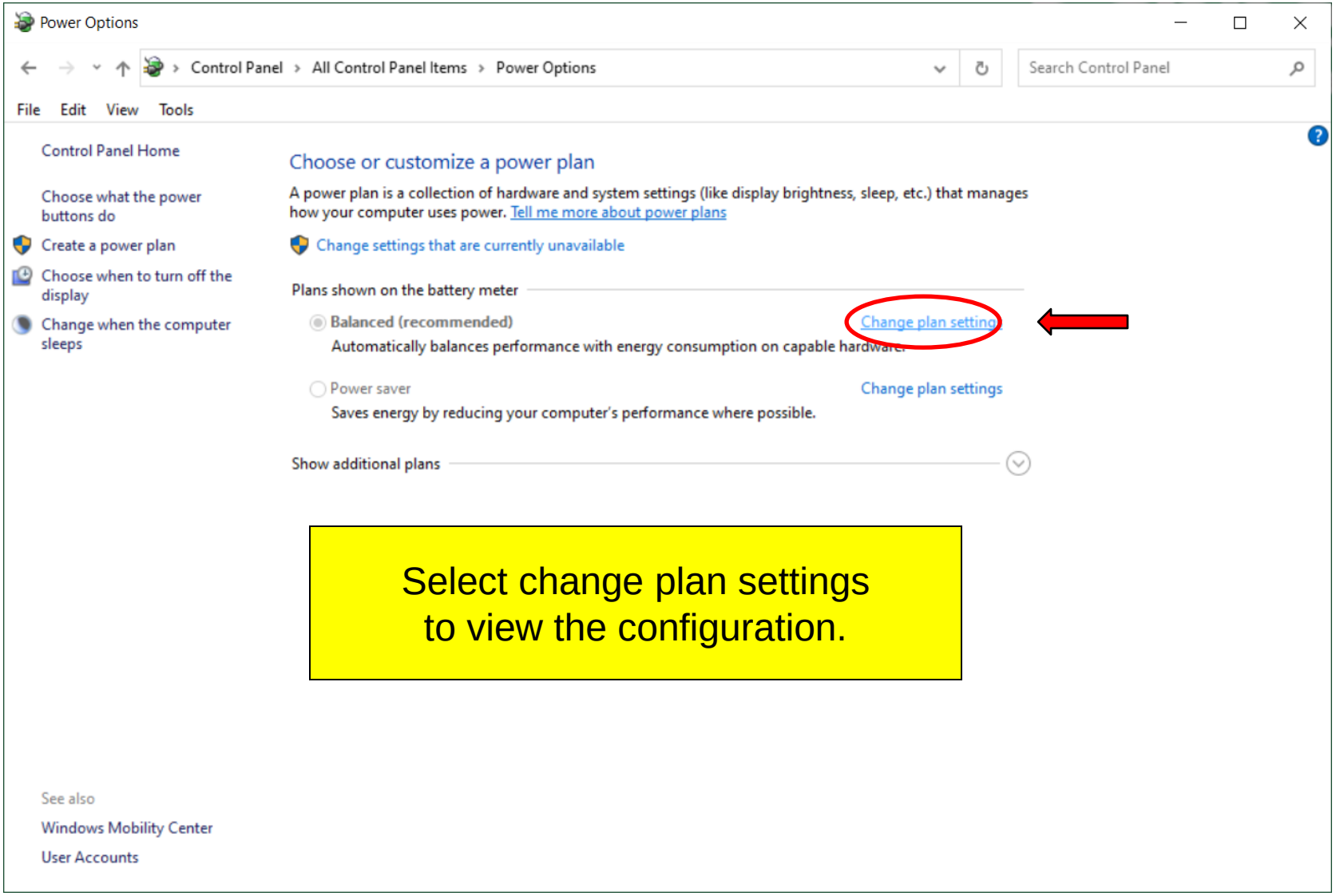
Power on the system. Connect the USB cable from the UPS to the system. The found new hardware will appear for about 10 seconds.

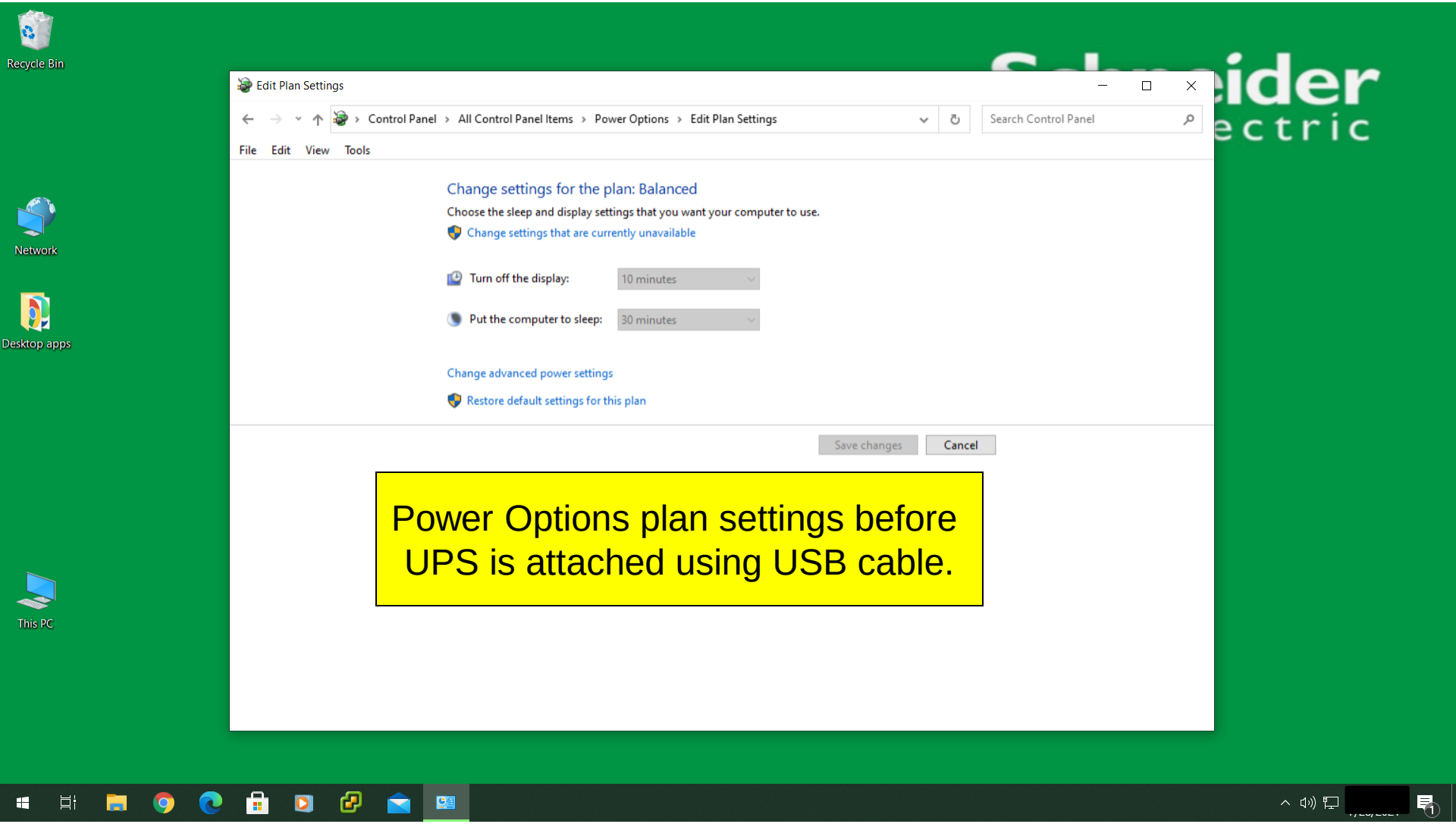
The needed HID drivers are preinstalled with the operating systems, but you can check the installation of the USB UPS by entering device manager.
Start > Control Panel> Device Manager
Once inside device manager, click the plus sign next to “Batteries” and also “Human Interface Devices” There should be a HID UPS Battery listing under “Batteries” and an American Power Conversion USB UPS listing under “Human Interface Devices”, both entries are necessary for the system to operate properly. If the HID UPS Battery entry is missing, verify that the UPS was made in the year 2000 or later. If the American Power Conversion USB UPS entry is missing, verify that the USB cable is connected direct to the computer and that the USB ports are enabled on the system.

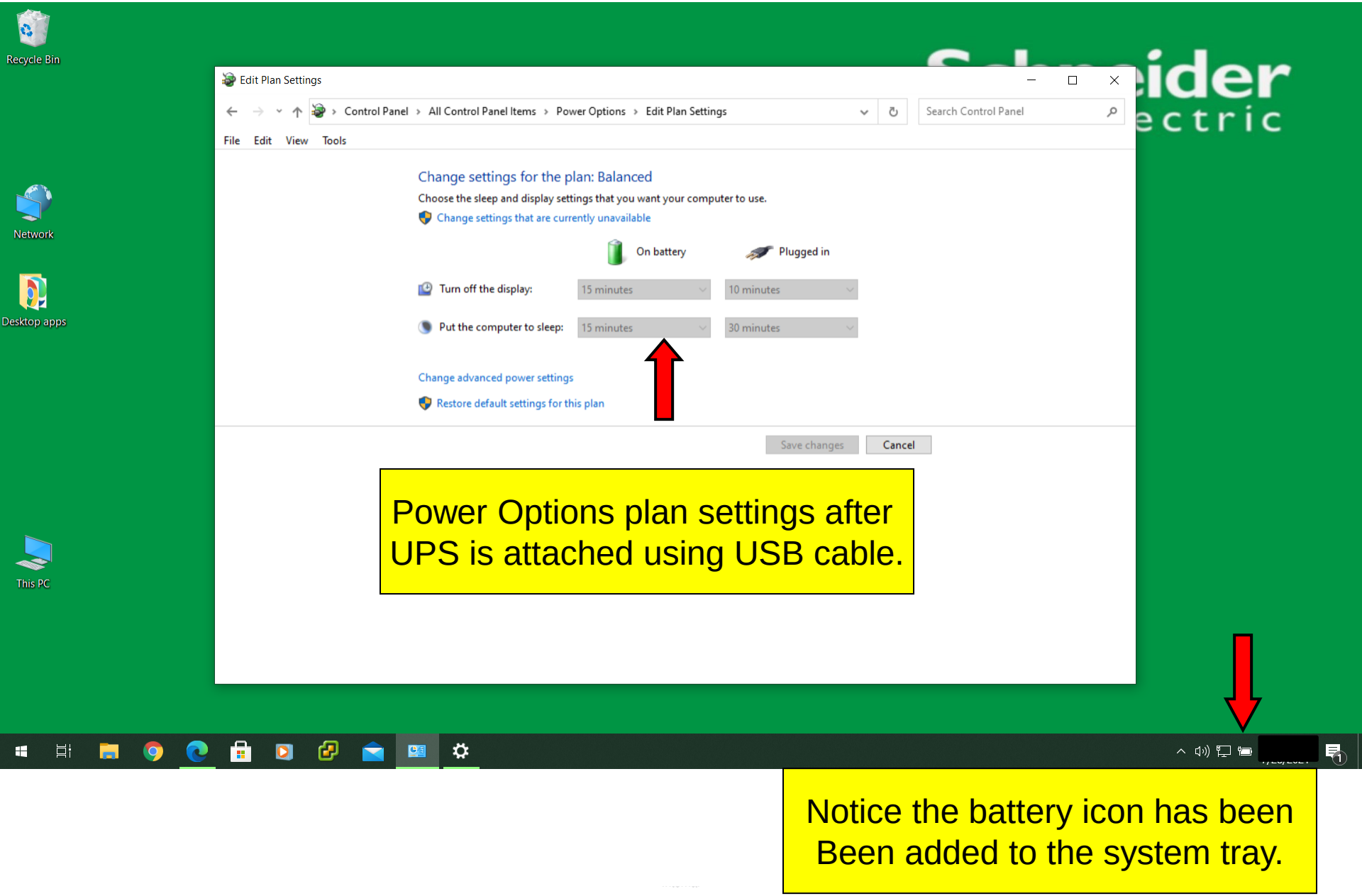

Recycle Bin
Network
Desktop apps
This PC
All Control Panel Items
Control Panel › All Control Panel Items
File Edit View
Device Manager
File Action View Help
TSLAB-L6
Batteries
HID UPS Battery
Computer
Disk drives
Display adapters
DVD/CD-ROM drives
Human Interface Devices
American Power Conversion USB UPS
HID-compliant consumer control device
HID-compliant consumer control device
HID-compliant system controller
USB Input Device
USB Input Device
USB Input Device
IDE ATA/ATAPI controllers
Keyboards
Mice and other pointing devices
Monitors
Network adapters
Portable Devices
Ports (COM & LPT)
Print queues
Printers
HID UPS Battery Properties
General Driver Details Events Power Management
HID UPS Battery
Device type: Batteries
Manufacturer: Microsoft
Location: on American Power Conversion USB UPS
Device status
This device is working properly.
OK
Cancel
If APC UPS is displayed as the device driver, please review FAQ document FA159743

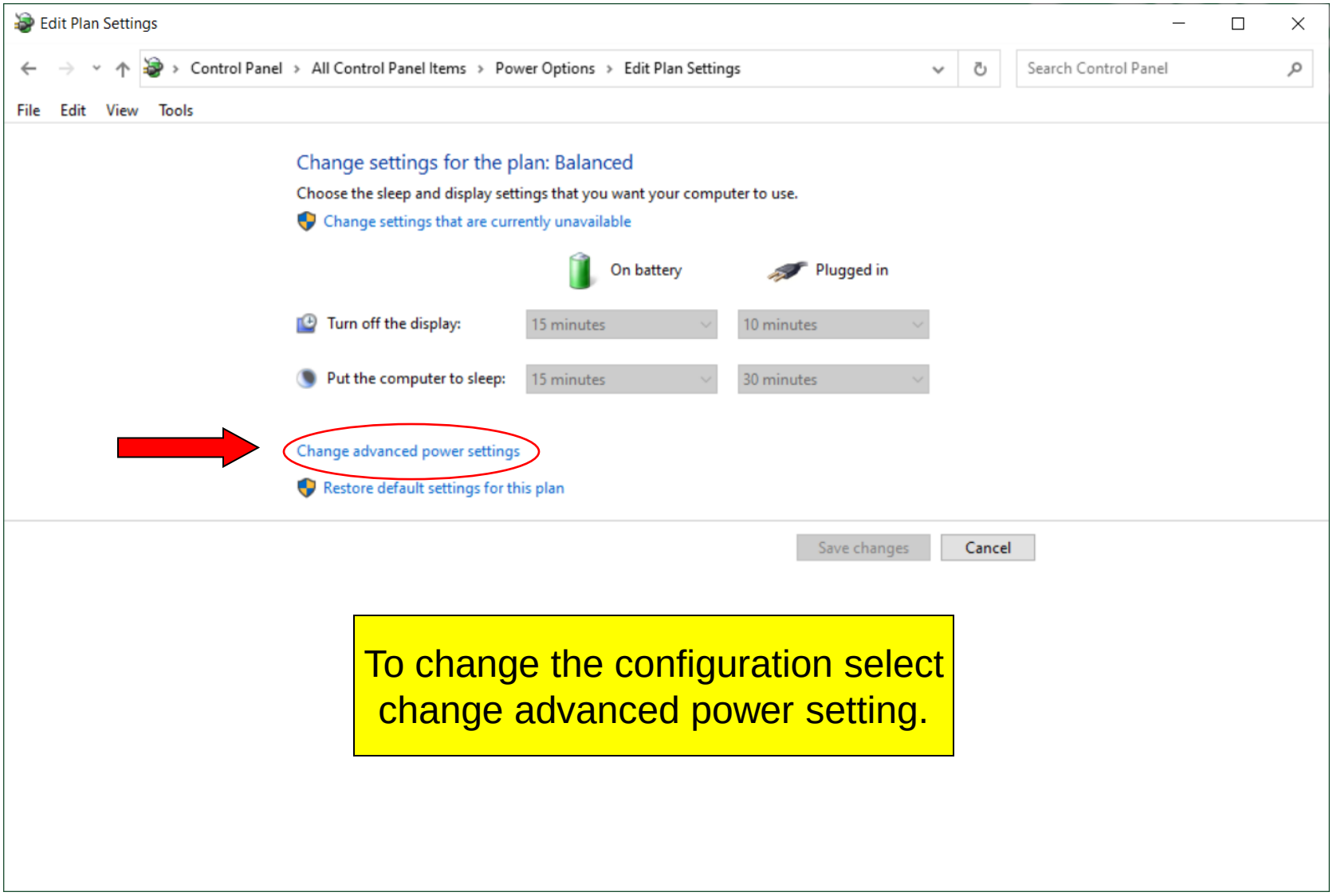

All Control Panel Items
Control Panel › All Control Panel Items
File Edit View Tools
Device Manager
File Action View Help
TSLAB-L6
Audio inputs and outputs
Batteries
Computer
Disk drives
Display adapters
DVD/CD-ROM drives
Human Interface Devices
American Power Conversion USB UPS
HID-compliant consumer control device
HID-compliant system controller
USB Input Device
USB Input Device
USB Input Device
IDE ATA/ATAPI controllers
Keyboards
Mice and other pointing devices
Monitors
Network adapters
Portable Devices
Ports (COM & LPT)
Print queues
Printers
Processors
American Power Conversion USB UPS Properties
General Driver Details Events Power Management
American Power Conversion USB UPS
Device type: Human Interface Devices
Manufacturer: American Power Conversion
Location: Port_#0001.Hub_#0003
Device status
This device is working properly.
OK
Cancel
Recycle Bin
Network
Desktop apps
This PC


All Control Panel Items
Control Panel › All Control Panel Items ›
Search Control Panel
File Edit View Tools
Adjust your computer's settings
View by: Large icons
Administrative Tools
AutoPlay
Backup and Restore (Windows 7)
BitLocker Drive Encryption
Color Management
Credential Manager
Date and Time
Default Programs
Device Manager
Devices and Printers
Ease of Access Center
File Explorer Options
File History
Fonts
Indexing Options
Internet Options
Java
Keyboard
Mouse
Network and Sharing Center
Phone and M
Power Options
Programs and Features
Realtek HD Audio Manager
Recovery
Region
moteApp and Desktop nnections
Security and Maintenance
Sound
Speech Recognition
Storage Spaces
Sync Center
System
Taskbar and Navigation
Troubleshooting
User Accounts
Windows Defender Firewall
Power Options
Conserve energy or maximize performance by choosing how your computer manages power.
Power Options settings are found in the Control Panel – All Control Panel Items

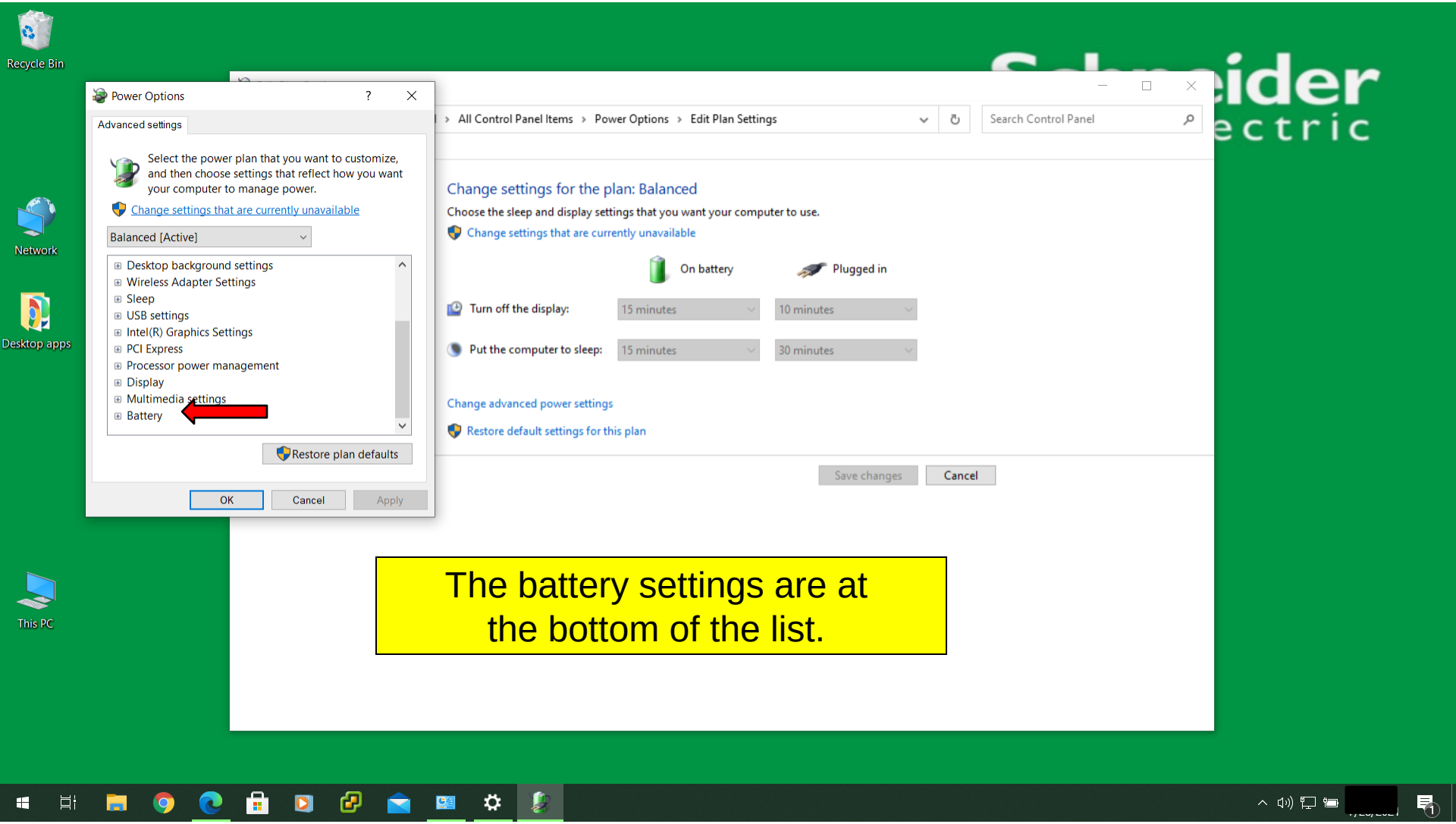

Power Options
Control Panel › All Control Panel Items › Power Options
Search Control Panel
File Edit View Tools
Control Panel Home
Choose what the power buttons do
Create a power plan
Choose when to turn off the display
Change when the computer sleeps
Choose or customize a power plan
A power plan is a collection of hardware and system settings (like display brightness, sleep, etc.) that manages how your computer uses power. Tell me more about power plans
Change settings that are currently unavailable
Plans shown on the battery meter
Balanced (recommended)
Change plan settings
Automatically balances performance with energy consumption on capable hardware.
Power saver
Change plan settings
Saves energy by reducing your computer's performance where possible.
Show additional plans
Select change plan settings to view the configuration.
See also
Windows Mobility Center
User Accounts

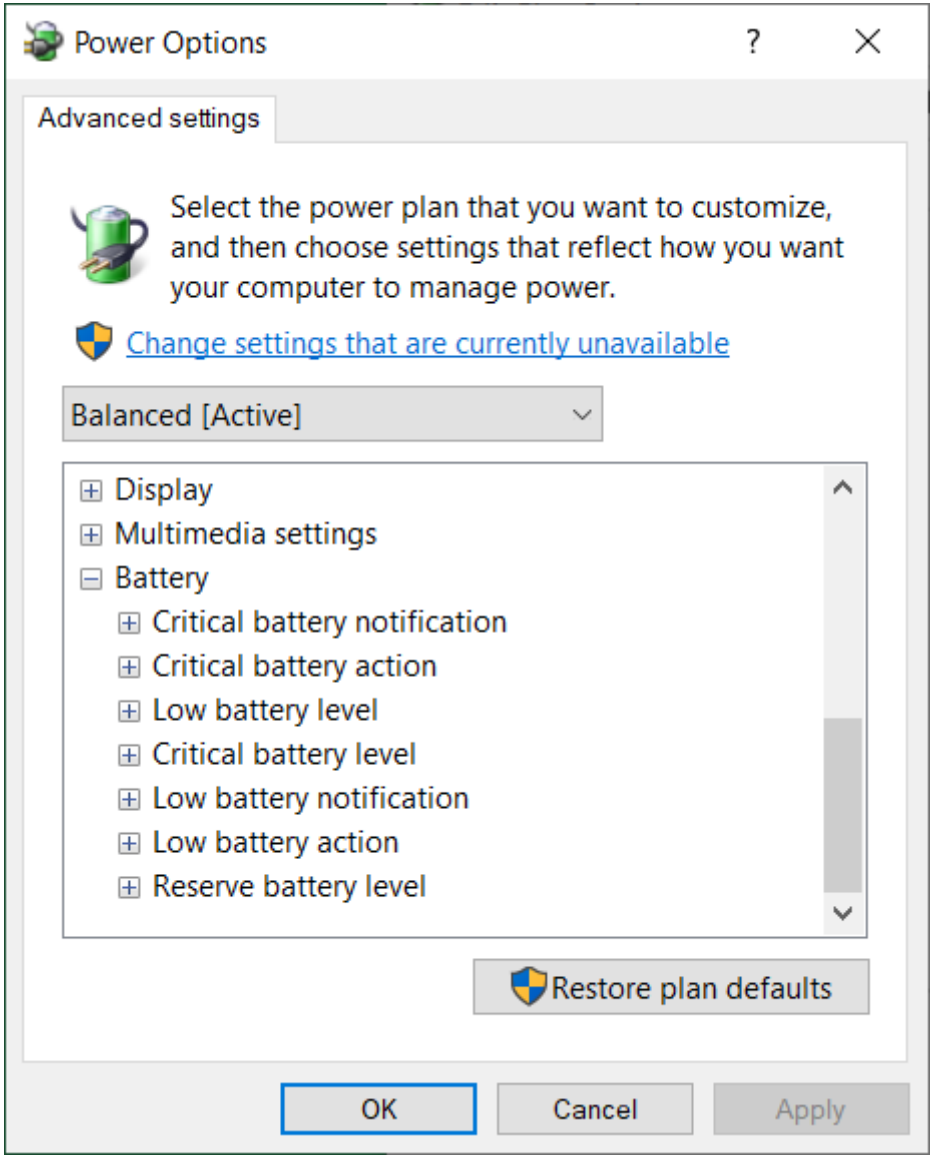

Recycle Bin
Network
Desktop apps
This PC
Edit Plan Settings
Control Panel › All Control Panel Items › Power Options › Edit Plan Settings
Search Control Panel
File Edit View Tools
Change settings for the plan: Balanced
Choose the sleep and display settings that you want your computer to use.
Change settings that are currently unavailable
Turn off the display: 10 minutes
Put the computer to sleep: 30 minutes
Change advanced power settings
Restore default settings for this plan
Save changes
Cancel
Power Options plan settings before UPS is attached using USB cable.


Recycle Bin
Network
Desktop apps
This PC
Edit Plan Settings
Control Panel › All Control Panel Items › Power Options › Edit Plan Settings
Search Control Panel
File Edit View Tools
Change settings for the plan: Balanced
Choose the sleep and display settings that you want your computer to use.
Change settings that are currently unavailable
On battery
Plugged in
Turn off the display:
15 minutes
10 minutes
Put the computer to sleep:
15 minutes
30 minutes
Change advanced power settings
Restore default settings for this plan
Save changes
Cancel
Power Options plan settings after UPS is attached using USB cable.
Notice the battery icon has been Been added to the system tray.



To change the configuration select change advanced power setting.


Recycle Bin
Network
Desktop apps
This PC
Power Options
Advanced settings
Select the power plan that you want to customize, and then choose settings that reflect how you want your computer to manage power.
Change settings that are currently unavailable
Balanced [Active]
Desktop background settings
Wireless Adapter Settings
Sleep
USB settings
Intel(R) Graphics Settings
PCI Express
Processor power management
Display
Multimedia settings
Battery
Restore plan defaults
OK
Cancel
Apply
All Control Panel Items › Power Options › Edit Plan Settings
Search Control Panel
Change settings for the plan: Balanced
Choose the sleep and display settings that you want your computer to use.
Change settings that are currently unavailable
On battery
Plugged in
Turn off the display:
15 minutes
10 minutes
Put the computer to sleep:
15 minutes
30 minutes
Change advanced power settings
Restore default settings for this plan
Save changes
Cancel
The battery settings are at the bottom of the list.


Power Options
?
Advanced settings
Select the power plan that you want to customize, and then choose settings that reflect how you want your computer to manage power.
Change settings that are currently unavailable
Balanced [Active]
Display
Multimedia settings
Battery
Critical battery notification
Critical battery action
Low battery level
Critical battery level
Low battery notification
Low battery action
Reserve battery level
Restore plan defaults
OK
Cancel
Apply