

# User Decided Power Management Program

The Penn State User Decided Power Management Program allows IT staff to empower their end users with ways to reduce their workstation's energy consumption while it is not in use. The program is designed to allow the end user to decide what power settings should be applied to their system and to change the settings when necessary.


The program provides users with the ability to reduce their energy footprint, while also being flexible enough to avoid interfering with their productivity:

- Users can easily choose the appropriate power saving settings for their workstation. The program has 4 power saving levels: Aggressive, Moderate, Always On, and None.
- Users can change their active power profile as needed to adjust the power settings of their workstation.

## How does it work?

The User Decided Power Management Program takes advantage of features included in Tivoli Endpoint Manager that automate power saving settings on workstations. Because of this, the Tivoli Endpoint Manager client must be installed on the workstation before the program can be activated.

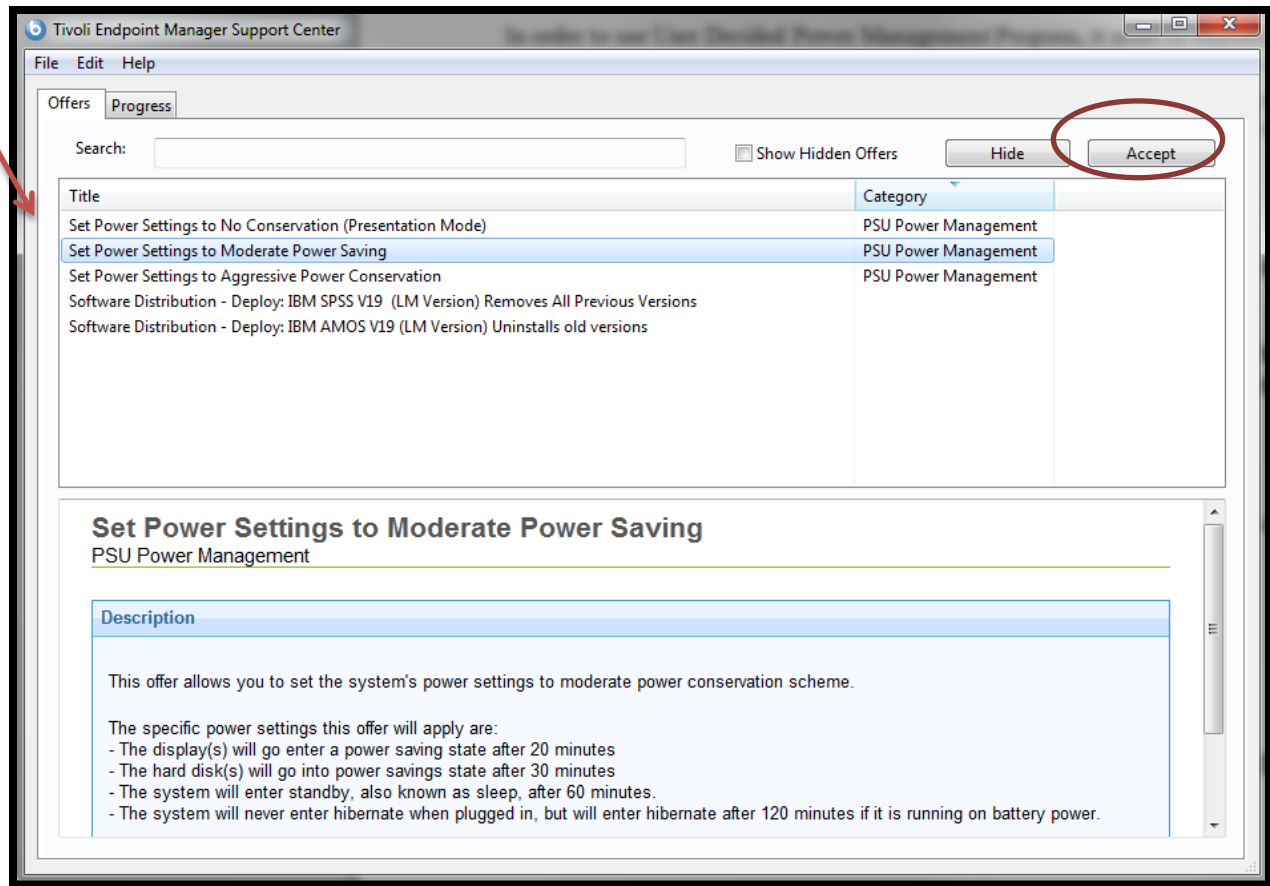
## Windows

In order to use User Decided Power Management Program, it must be enabled in the Tivoli Endpoint Manager by a member of the ISS staff. Once enabled, users will see a Tivoli Endpoint Manager icon in their system tray or Windows 7 notification area:  The system tray or Windows 7 notification area is located in the bottom right hand corner of the screen (by the Date/Time display).

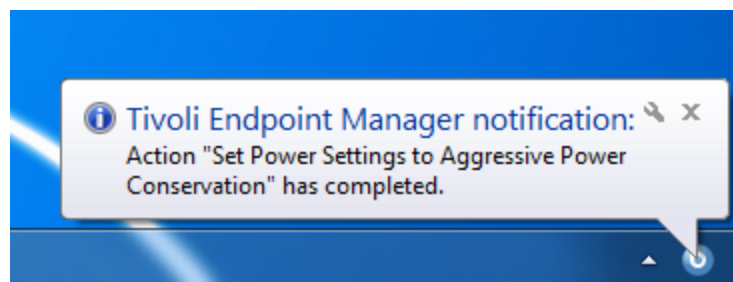
If you do not see this icon, contact ISS at 5-4636 for assistance.

Clicking the Tivoli Endpoint Manager icon will launch the **Tivoli Endpoint Manager Support Center**.

Several power profiles will appear on the **Offers** tab of the **Tivoli Endpoint Manager Support Center**. The user can apply a profile by selecting it and then clicking the “**accept**” button. There is a list of recommendations at the bottom of this document.



When the power profile has been applied, users should see a popup notification that indicates that the action has completed:



Users are able to change their active power profile at any time by clicking the Tivoli Endpoint Manager icon and choosing a different power profile on the **Offers** tab of the **Tivoli Endpoint Manager Center**.

## **ISS recommends using the following Power Profiles.**

### **No Conservation (Presentation Mode)**

This option provides no energy savings. ISS recommend that this option only be used for computers running digital signs, constant video, or any type of application that requires the display to be shown at all times.

### **Always On with Power Savings Displays**

If your computer needs to be on 24X7 because of data analyses or other high performance computing needs the user should select “Always On with Power Saving Display”. This setting will set your computer to never enter sleep/standby mode but it will turn off your display. Since this option offers little to no power savings, ISS recommends that only select users choose this option.

### **Moderate Power Savings**

This option allows the display to power off after 20 minutes, the hard disk to power down after 30 minutes, and the system will enter standby after 60 minutes. This option will save a considerable amount of power. When your computer enters standby, users will be able to wake up the computer by pressing the spacebar (while at their desk) or via a webpage (used to remotely wake your computer). Please see the page “[how to remotely wake your computer](#)” on the ISS Website.

### **Aggressive Power Savings**

This option allows the display to power off after 10 minutes, the hard disk to power off after 15 minutes, and the computer to enter sleep/standby after 30 minutes. This option will save the most amount of power, reducing the overall costs to the college. . When your computer enters standby, users will be able to wake up the computer by pressing the spacebar (while at their desk) or via a webpage (used to remotely wake your computer). Please see the page “[how to remotely wake your computer](#)” on the ISS Website.