

HP Client Power Management Solutions

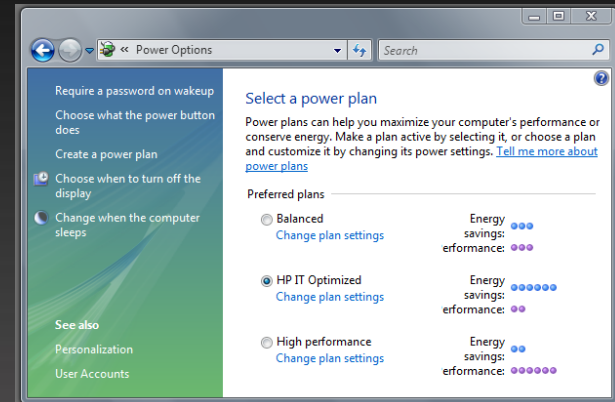


Managing a PC's appetite for power

Why Manage PC Power Plans?



- Electricity costs are the primary PC operating expense; reducing usage reduces costs
- Power plans are easy to manage and built into the Microsoft operating system



HP's client power management solutions enhance the user's interface to the PC's built in power plans

HP Power Manager v2.0

First Generation Solution



- Creates a custom power plan manipulated with slider bar
- Separate schedules for work time and non-work time periods (defined by user).
- Estimates cost savings resulting from more aggressive use of power plans and settings



Note: HP Power Manger will go EOL in March 2010

HP Power Assistant

Newest HP Solution



- HP *Look & Feel*
- Leverages power plans structured in the OS
- Schedule power events throughout 24 hour period
- Separate weekday & weekend schedules
- Estimates energy costs based on power plan scheduling

The screenshot shows the HP Power Assistant application window. The title bar reads "HP Power Assistant". Below the title bar are four tabs: "Usage Details", "Schedule" (which is selected), "Preferences", and "About". Under the "Schedule" tab, there are two sub-tabs: "Weekdays" and "Weekend".

The main content area features a large clock face on the left, showing the time 10:15 AM. The clock face has markers for 00:00, 18:00, 12:00, and 6:00. To the right of the clock, the following cost estimates are displayed:

- Additional weekday cost: 0.00 kWh
- Additional monthly cost: 0.00 kWh
- Additional yearly cost: 0.00 kWh

Below the clock and cost estimates is a section titled "Scheduled Power Options". It contains a table with the following data:

Scheduled time	Power state	Power plan
10:15 AM	Turn on	HP IT Optimized

Below the table is a link: [Manage Windows power plans](#). At the bottom right of this section are two buttons: "Add" and "Delete".

At the bottom of the window, there is a note: "Power consumption and cost calculations are estimates." Below this note are three buttons: "Help", "OK", and "Apply".

Note: HP Power Assistant will introduce on the HP Compaq 8000f Elite and 8100 Elite Series. Sustaining platforms will pick it up as part of the March refresh

Old & New Comparison



HP Power Manager v2.0	HP Power Assistant
Non HP <i>look & feel</i> ; <i>BPC only</i>	HP <i>look & feel</i> ; utilized across all PSG client PC product lines
Creates custom power plan in OS; power scheme is fixed unless manually change by user	<i>Utilizes all power plans set up in the OS; effects change by switching between plans</i>
Single custom plan in effect	<i>Unlimited number of power events can be scheduled across 24 hour period</i>
Separate scheme for work time and non-work time (periods defined by user)	<i>Separate schedules for weekday and weekends</i>
Calculates estimated energy cost savings	<i>Calculates estimated energy costs</i>