

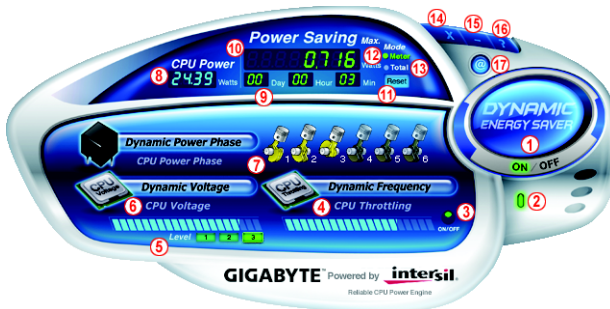
# Dynamic Energy Saver

GIGABYTE Dynamic Energy Saver is a revolutionary technology that delivers unparalleled power savings with the simple click of a button. Featuring an advanced proprietary hardware and software design, GIGABYTE Dynamic Energy Saver is able to provide exceptional power savings of up to 70% and up to 20% improved power efficiency without sacrificing computing performance.

## The Dynamic Energy Saver Interface

### A. Meter Mode

In Meter Mode, GIGABYTE's Dynamic Energy Saver shows how much power they have saved in a set period of time.



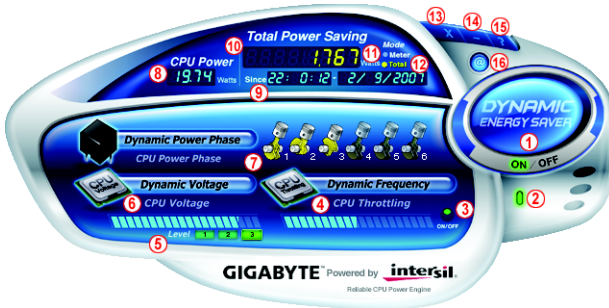
### Meter Mode - Button Information Table

	Button Description
1	Dynamic Energy Saver On/Off Switch (Default: Off)
2	Motherboard Phase LED On/Off Switch (Default: On)
3	Dynamic CPU Frequency Function On/Off Switch (Default: Off) <sup>(Note 1)</sup>
4	CPU Throttling Display
5	3-Level CPU Voltage Switch (Default: Level 1) <sup>(Note 2)</sup>
6	CPU Voltage Display
7	Dynamic Power Phase Status
8	Current CPU Power Consumption
9	Meter Time
10	Power Saving (Calculate power savings based on time.)
11	Meter/Timer Reset Switch
12	Meter Mode Switch
13	Total Mode Switch
14	Exit (Application will continue to run in notification area.)
15	Minimize (Application will continue to run in taskbar.)
16	INFO/Help
17	Live Utility Update (Check For Latest Utility Version)

- The above data is for reference only. Actual performance may vary depending on motherboard model.
- CPU Power and Power Scores are for reference only. Actual results may vary based on testing method.

## B. Total Mode

In Total Mode, users are able to see how much total power savings they have accumulated in a set period of time since activating Dynamic Power Saver for the first time (Note 3).



**Total Mode - Button Information Table**

	Button Description
1	Dynamic Energy Saver On/Off Switch (Default: Off)
2	Motherboard Phase LED On/Off Switch (Default: On)
3	Dynamic CPU Frequency Function On/Off Switch (Default: Off)
4	CPU Throttling Display
5	3-Level CPU Voltage Switch (Default: Level 1)
6	CPU Voltage Display
7	Dynamic Power Phase Status
8	Current CPU Power Consumption
9	Time/Date Dynamic Energy Saver Enabled
10	Total Power Savings (Total power saving with Dynamic Energy Saver enabled.) (Note 4)
11	Dynamic Energy Saver Meter Mode Switch
12	Dynamic Energy Saver Total Mode Switch
13	Exit (Application will continue to run in notification area.)
14	Minimize (Application will continue to run in taskbar.)
15	INFO/Help
16	Live Utility Update (Check For Latest Utility Version)



Do NOT do any overclocking when the Dynamic Energy Saver is launched.

(Note 1) Before using the DES function, make sure the **CPU Enhanced Halt (C1E)** and **CPU EIST Function** items in the BIOS Setup program are set to **Enabled**.

(Note 2) Maximize system power saving with Dynamic Frequency Function; system performance may be affected.

(Note 3) Level 1: Normal Power Saving (Default)  
 Level 2: Advanced Power Saving  
 Level 3: Extreme Power Saving

(Note 4) The total amount of power saved will be recorded until re-activated when only the Dynamic Power Saver is under the enable status, and power savings meter is unable to reset to zero.

(Note 5) Dynamic Energy Saver Meter will automatically reset when the total power saving reaches 9999999 Watts.