



Power Management Quick Reference

Power Template Options

A daily shutdown, restart, or hibernate can be scheduled for each day of the week.

- SyAM System Client checks for recent keyboard or mouse activity to insure that scheduled actions do not interfere with system users.
- List of applications that, if found to be running at the time a shutdown or other scheduled action is to occur, will prevent that scheduled action.
- Timeouts can be set for updating Windows power plan
- The Power On Weekdays option (Macintosh OSX 10.4 or later)
- Forced log off or screen lock after a period of keyboard and mouse inactivity

How to Set/View a Power Policy for a Single System

- Log into System Area Manager
- Click on system in Management Tree
- Click on System Details - Power Management
- Make changes and apply

How to Set a Power Policy to Multiple Systems

- Log into Management Utilities
 - Create a Power Template
 - Choose the systems or group you wish to apply the Power Template to
 - Right Mouse Click and choose Set Power Schedule Template
 - Run the Job now or Configure a schedule to run the Job at set days/times
- Once successfully programmed the client executes settings

How to Remove a Power Policy to Multiple Systems

- Log into Management Utilities
 - Create a Power Template with no defined power shutdown
 - Choose the systems or group you wish to apply the Power Template to
 - Right Mouse Click and choose Set Power Schedule Template
 - Run the Job now or Configure a schedule to run the Job at set days/times
- Once successfully programmed the client executes settings

Schedule	No Action	Shutdown	Restart	Hibernate	Execute Time
Sunday	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	00:00
Monday	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	18:00
Tuesday	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	18:00
Wednesday	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	18:00
Thursday	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	18:00
Friday	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	18:00
Saturday	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	00:00

Powering Up Systems

How to Schedule Power Up of Systems

- Log into Management Utilities
 - Create a Wake On LAN Template, choose either Local Subnet, Unicast or Relay Broadcast
 - Choose the systems or group you wish to set to Wake Up
 - Right Mouse Click and choose the Issue Wake On LAN command and choose the Wake on LAN template
 - Run Configure a schedule to run the Job at set days/times to run
- Once successfully programmed it will issue the Wake On LAN (WOL) to those systems on the days selected

Systems running OSX 4.11 or above can be programmed to power on weekdays through the Set Power Schedule Template

Power Reporting

Other Power Reports Available

Identified savings reports contain the following information (per group and totals):

- **Name:** The name of the Power Audit group
- **Device Count:** Total number of systems in the group
- **Active Count:** The number of systems that reported powered on status
- **Contributing Count:** The number of systems that contributed to identified savings
- **Average Device Wattage:** System power consumption
- **Average Monitor Wattage:** Display power consumption
- **Total Hours On:** Number of powered on hours for the entire group
- **Hours To Be Saved:** Number of powered on hours outside those specified by the Power On Hours template
- **kWh To Be Saved:** Total potential power saving for the group
- **Amount To Be Saved:** Total potential money saved for the group

- Identified Savings Detail
- Achieved Savings Detail
- Devices Powered Off Detail
- Devices Not Powered On
- Machines without Agent
- Machines without Power Template

Achieved Savings reports contain some of the same information as Identified Savings reports, but there are some differences:

- **Contributing Count:** The number of systems that contributed to achieved savings
- **Hours Saved:** Number of powered on hours saved through power management, compared with the baseline data
- **kWh Saved:** Actual power saving for the group
- **Amount Saved:** Actual money saved for the group

The Executive Report summarizes achieved savings results;

- For the selected month in detail
- Prior year totals
- Displays savings by group
- 12 Month trend in amount of money saved
- Comparison of achieved savings with projected savings by group

South City Executive Report Achieved Savings December 2012

This executive report visualizes the results of the energy efficiency measures implemented on your computer network using SyAM Software. The Achieved Savings of the computer network, is calculated by using the difference between actual energy usage and the estimated energy consumption that would have occurred during the same period had the efficiency measures not been implemented (the baseline).

Achieved Savings Summary

The following information summarizes the achieved savings data for December 2012 in both kilowatt hours and amount saved. It also provides a breakdown of the types and quantities of systems being audited.

KWh Saved:	28778.55	Total # of managed devices:	810
Cost Per KWh:	\$0.17	Notebooks:	71
December 2012 Savings:	\$4,892.35	Desktops:	705
		Servers:	20
		Unknown:	14

Achieved Savings by Group

The following chart shows the percentage of each group's contribution to total savings for December 2012.



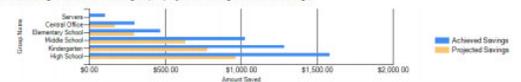
Achieved Savings Trend

The following chart shows the amount of money saved by month over the last year or the start of achieved savings mode.



Achieved Savings vs Projected Savings Goal

The following chart shows each group's projected savings vs actual savings.

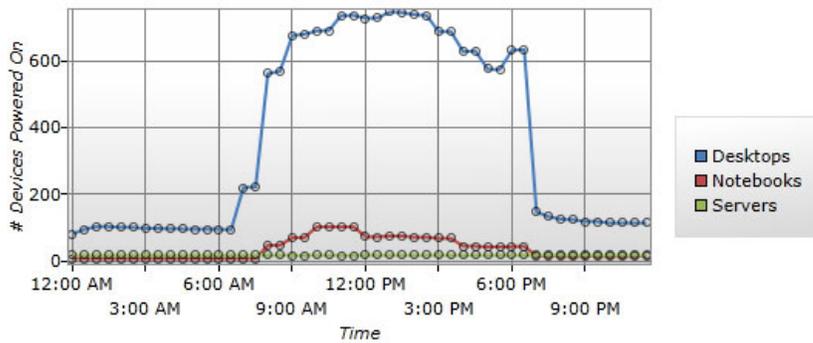


Carbon Savings

From 1/1/2012 to 12/31/2012, you have saved 281798.64 kilowatt hours which is equivalent to 194.4 metric tons of CO2 emissions. This is the equivalent of removing 38.1 car(s) from the road.

An average passenger vehicle travels 11,700 miles per year with a fuel economy of 20.4 miles per gallon. Source: <http://www.epa.gov/energy/>

Devices On By Hour



kWh Used

