



APPENDIX **A**

Cisco EnergyWise and Catalyst 4500 Switches

Catalyst 4500 series switches support the Cisco EnergyWise features and functions described in this guide. This appendix describes the Catalyst 4500 switch-specific EnergyWise functions and configuration.

For Catalyst 4500 switches running EnergyWise Version 2.6 and later, note the guidelines for these features:

- For high availability
 - To perform an In-Service Software Upgrade (ISSU) downgrade from a Cisco IOS release supporting EnergyWise Version 2.6 to an earlier software release that does not support EnergyWise, disable EnergyWise on the switch first.
 - To perform an ISSU downgrade from a software release supporting EnergyWise Version 2.6 to a release supporting EnergyWise Version 1, disable EnergyWise on the switch first because of CLI compatibility issues between EnergyWise Version 1 and EnergyWise Version 2.6.
 - To perform an ISSU downgrade from a Cisco IOS release supporting EnergyWise Version 2.6 to an earlier release that does not support EnergyWise, you must remove the **snmp-server enable traps energywise** global configuration command from the switch configuration.
 - During an ISSU upgrade from a software release supporting EnergyWise Version 1 to a release supporting EnergyWise Version 2.6, the EnergyWise settings in the running configuration are updated. The switch sets the management password to the same domain password as in the **energywise domain** command. You must enter the **copy running-config startup-config** privileged EXEC command to save the EnergyWise settings in the configuration file.
- For stateful switchover (SSO) mode
 - On a redundant chassis operating in SSO mode, the **energywise neighbor hostname udp-port-number** global configuration command does not work. Use the **energywise neighbor ip-address udp-port-number** global configuration command to specify the IP address of the host.



Note

If your switch is running EnergyWise Version 2.6, enter the **no energywise domain** global configuration command to disable EnergyWise before downgrading your software to a release supporting EnergyWise Version 1.

For more information, see the [“CLI Compatibility” section on page 2-4](#).

