

Energy Saving Manual

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Energy Saving Manual

- Energy Saving is to save power by turning off RF–Radio of AP not associated with any station during designated time.
- Energy Saving works only for AP in the Energy Saving Group.

CLI /WEC

- Field Description

1) Energy Saving Enable/Disable

CLI: WEC8050/configure/rrm/energy-saving-group 1# enable/ no enable

WEC: Configuration → Radio → Advanced → Energy Saving Groups → SERVICE

2) APC Threshold : Threshold number of associated stations per APC that determines whether to save energy.

If the number of associated stations is less than this value, APC will save energy as if it is weekend regardless of the day. If this value is 0, it will work according to the day of the week.

CLI: WEC8050/configure/rrm/energy-saving-group 1# apc-threshold

WEC: Configuration → Radio → Advanced → Energy Saving Groups → APC THRESHOLD

3) Unconditional Radio Off : Turning off RF–Radio of AP regardless of association with station during designated time

CLI: WEC8050/configure/rrm/energy-saving-group 1# (no) radio_off_unconditionally

WEC: Configuration → Radio → Advanced → Energy Saving Groups → UNCONDITIONAL RADIO OFF

4) WEEKDAY : weekday Energy Saving start/end

CLI: WEC8050/configure/rrm/energy-saving-group 1# weekday

WEC: Configuration → Radio → Advanced → Energy Saving Groups → WEEKDAY

Energy Saving Manual

5) WEEKEND : weekend Energy Saving start/end

CLI: WEC8050/configure/rrm/energy-saving-group 1# weekend

WEC: Configuration → Radio → Advanced → Energy Saving Groups → WEEKEND

6) ADD-AP : add AP to Energy Saving group

CLI: WEC8050/configure/rrm/energy-saving-group 1# add-ap

WEC: Configuration → Radio → Advanced → Energy Saving Groups → All Aps △ Selected Aps

7) ADD-AP : delete AP from Energy Saving group

CLI: WEC8050/configure/rrm/energy-saving-group 1# del-ap

WEC: Configuration → Radio → Advanced → Energy Saving Groups → Selected Aps ▽ All Aps

■ Energy Saving Group 1 :

WEC8050# show rrm energy-saving-group 1

```
APC_243_2/configure/rrm/energy-saving-group 1# show rrm energy-saving-group 1
Energy Saving Group: 1 .... Disabled
Group Name ..... Energy1
APC Threshold ..... 0
Radio Off Unconditionally .. Disabled
Weekday -----
Start Hour ..... 8
End Hour ..... 21
Weekend -----
Start Hour ..... 8
End Hour ..... 21
AP Count ----- 2
( 1) 54 ( 2) 2
```

Energy Saving Manual

- WEC: Configuration → Radio → Advanced → Energy Saving Groups → GROUP NAME

The screenshot displays the Samsung Wireless Enterprise configuration interface. The top navigation bar includes 'Monitor', 'Configuration' (highlighted), 'Administration', and 'Help'. The left sidebar shows a tree view with 'Radio' expanded to 'Advanced' and 'Energy Saving Groups' selected. The main content area shows the configuration for a group named 'Energy1'. The settings include: SERVICE (Disable selected), APC THRESHOLD (0), UNCONDITIONAL RADIO OFF (Disable selected), WEEKDAY (START HOUR: 8, END HOUR: 21), WEEKEND (START HOUR: 8, END HOUR: 21), and AP COUNT (2). Below the settings is a 'Current Filter : None' section and a 'Selected APs' table.

GROUP NAME	Energy1
SERVICE	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
APC THRESHOLD ¹	<input type="text" value="0"/>
UNCONDITIONAL RADIO OFF	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
WEEKDAY	
START HOUR	<input type="text" value="8"/>
END HOUR	<input type="text" value="21"/>
WEEKEND	
START HOUR	<input type="text" value="8"/>
END HOUR	<input type="text" value="21"/>
AP COUNT	2

Current Filter : None

Selected APs

<input type="checkbox"/>	AP PROFILE NAME	AP NAME	MAC ADDRESS
<input type="checkbox"/>	ap_2	WEA403e	00:7e:37:00:40:80
<input type="checkbox"/>	ap_54	WEA303e	f4:d9:fb:34:31:80