

PCBE v9 Shutdown 셋팅법

1, PCBE 로그인 후, [Events -> Actions](#) 메뉴로 들어갑니다.



The screenshot displays the PowerChute Business Edition web interface. On the left is a dark blue navigation sidebar with the following menu items: PowerChute Business Edition, 10.218.44.34, Smart-UPS X 750, Outlet Configuration, Server Shutdown, Events (highlighted in yellow), Logs, Actions (highlighted in yellow), Recipients, Configure Log, Data Log, Help, and Logout. The main content area features the APC by Schneider Electric logo and a header for 'Event Actions'. Below this header is a list of event categories and their corresponding actions:

- Critical**
 - [Communication Lost While On Battery](#)
 - [UPS Internal Temperature Threshold Exceeded](#)
- Low Battery**
 - [Low Battery](#)
- Warning**
 - [Power Failed](#)
 - [Battery Discharged](#)
 - [Overload](#)
 - [Self Test Failed](#)
 - [Communication Lost](#)
 - [Communication Not Established](#)
 - [Time On Battery Threshold Exceeded](#)
 - [Output Load Threshold Exceeded](#)
 - [Insufficient Runtime Available](#)
 - [Battery Needs Replacing](#)
 - [UPS Internal Temperature Warning](#)
 - [AVR Boost Enabled](#)
 - [AVR Trim Enabled](#)
 - [Battery Disconnected](#)
- Informational**
 - [Online \(Green Mode\)](#)

2, 이 페이지에서 여러가지 Event 들에 대한 Shutdown 셋팅이 가능하신데, 가장 기본적인 셋팅인 UPS 가 배터리 동작시 연결서버를 종료하고 UPS 를 끄는 Event 로 예를들어 보겠습니다. [Time On Battery Threshold Exceeded](#) 이벤트를 선택해주십시오.

PowerChute
Business Edition

10.218.44.34

Smart-UPS X 750

Outlet Configuration

Server Shutdown

Events

Logs

Actions

Recipients

Configure Log

Data Log

Help

Logout

APC
by Schneider Electric

Configure Time On Battery Threshold

Time On Battery Threshold 10 : 0 Minutes : Seconds

E-mail

Enable E-mail

Notification

Notify All Connected Users

Notify Configured Users

Enable Repeat Notifications

Repeat Notification Every 0 : 0 Minutes : Seconds

Command File

Enable Command File Execution

Choose Command File Name select command file

Command File Execution Duration 0 : 0 Minutes : Seconds

Shutdown

Initiate Shutdown Sequence

Event Logging

3. 원하시는 시간을 입력하시고, 아래쪽 Shutdown 메뉴에, Initiate Shutdown Sequence 에 체크한 후, 하단 Apply 버튼을 눌러주십시오. 예를 들어 10 분을 선택하셨다면, **UPS 가배터리 동작을 시작한 10 분 후** 부터 Shutdown 명령이 실행됩니다.

4. 해당이벤트 셧다운 설정을 완료했다면, Shutdown 상세 설정부분을 보시겠습니다.
[Server Shutdown -> Shutdown Settings](#) 로 들어갑니다.

The screenshot shows the APC PowerChute Business Edition web interface. The left sidebar contains navigation links: PowerChute Business Edition, 10.218.44.34, Smart-UPS X 750, Outlet Configuration, **Server Shutdown** (with sub-link Shutdown Settings), System Settings, Shutdown Now, Events, Data Log, Help, and Logout. The main content area is titled 'System Shutdown Management' and includes sections for 'UPS On Battery Thresholds' (Runtime Remaining Threshold: 10 Minutes, Low Battery Signal: 8 Minutes), 'OS Shutdown' (OS Shutdown Type: Shutdown), 'Power Return Settings' (Enable OS Reboot: checked), and 'E-mail' (Enable E-mail: unchecked). Below these is a 'Notification' section with options for Notify All Connected Users, Notify Configured Recipients, Enable Repeat Notifications, and Repeat Notification Every (0 : 0 Minutes : Seconds). The 'Command File' section has Enable Command File Execution checked, Choose Command File Name set to C:\Program Files\APC\PowerChute Business Edition\Wag, and Command File Execution Duration set to 10 : 0 Minutes : Seconds. The 'Event Logging' section has Enable Logging of Event checked. An 'Apply' button is located at the bottom right.

PowerChute
Business Edition

10.218.44.34

Smart-UPS X 750

Outlet Configuration

Server Shutdown

Shutdown Settings

System Settings

Shutdown Now

Events

Data Log

Help

Logout

APC
by Schneider Electric

System Shutdown Management

UPS On Battery Thresholds

Runtime Remaining Threshold 10 Minutes

Low Battery Signal 8 Minutes

OS Shutdown

OS Shutdown Type Shutdown

Power Return Settings

Enable OS Reboot

E-mail

Enable E-mail

Notification

Notify All Connected Users

Notify Configured Recipients

Enable Repeat Notifications

Repeat Notification Every 0 : 0 Minutes : Seconds

Command File

Enable Command File Execution

Choose Command File Name C:\Program Files\APC\PowerChute Business Edition\Wag

Command File Execution Duration 10 : 0 Minutes : Seconds

Event Logging

Enable Logging of Event

Apply

5. 아래 설명에 따라 설정을 완료하신후 하단에 Apply 버튼을 누릅니다.

- Runtime Remaining Threshold: 선택한 시간만큼의 **UPS 배터리 잔량이 남게되면** 셧다운 명령을 시작합니다. 우선 따로 지정하신 command 파일이 있다면 실행되고, 지정 command 파일이 없다면 OS 셧다운이 시작됩니다.
- Low Battery Signal: 선택한 시간만큼의 UPS 배터리 잔량이 남게되면 바로 OS 셧다운이 시작됩니다.
- Enable OS Reboot: 자동셧다운 후 복전시, UPS 도 켜지게 됩니다.
- Email: 알림 이메일을 지정된 사용자에게 발송합니다.
- Notification: Windows 에 Messenger 서비스를 활성화 하시면 셧다운 발생시 알림메세지 창을 받아볼 수 있습니다.
- Command File: cmd 형식의 명령 파일경로를 지정시, 셧다운 명령이 발생했을때 이 명령파일이 실행됩니다.
- Command File Execution Duration: 명령 파일의 실행완료되기까지 시간을 입력해주시오. 이시간이 지난후에도 파일이 완료되지 않는다면 바로 OS 셧다운단계로 넘어갑니다.
- Enable Logging of Event: 이부분을 체크하시면 셧다운 발생시 Event 로그에 기록됩니다.

추가) 이메일 셋팅방법

1. **Server Shutdown -> System Settings** 로 들어갑니다.

The screenshot shows the configuration interface for the APC PowerChute Business Edition. The left sidebar contains navigation options: Smart-UPS X 750, Outlet Configuration, Server Shutdown (with sub-options: Shutdown Settings, System Settings, Shutdown Now), Events, Data Log, Help, and Logout. The main content area is titled 'E-Mail Settings' and includes the following fields:

- Signaling Type: Smart (dropdown menu)
- Device Communication Port: (header bar)
- Communications Port: COM1 (dropdown menu)
- SMTP Server: (text input field)
- From E-Mail Address: (text input field)
- Basic E-Mail Authentication:
- Server Username: (text input field)
- Server Password: (text input field)
- Confirm Password: (text input field)

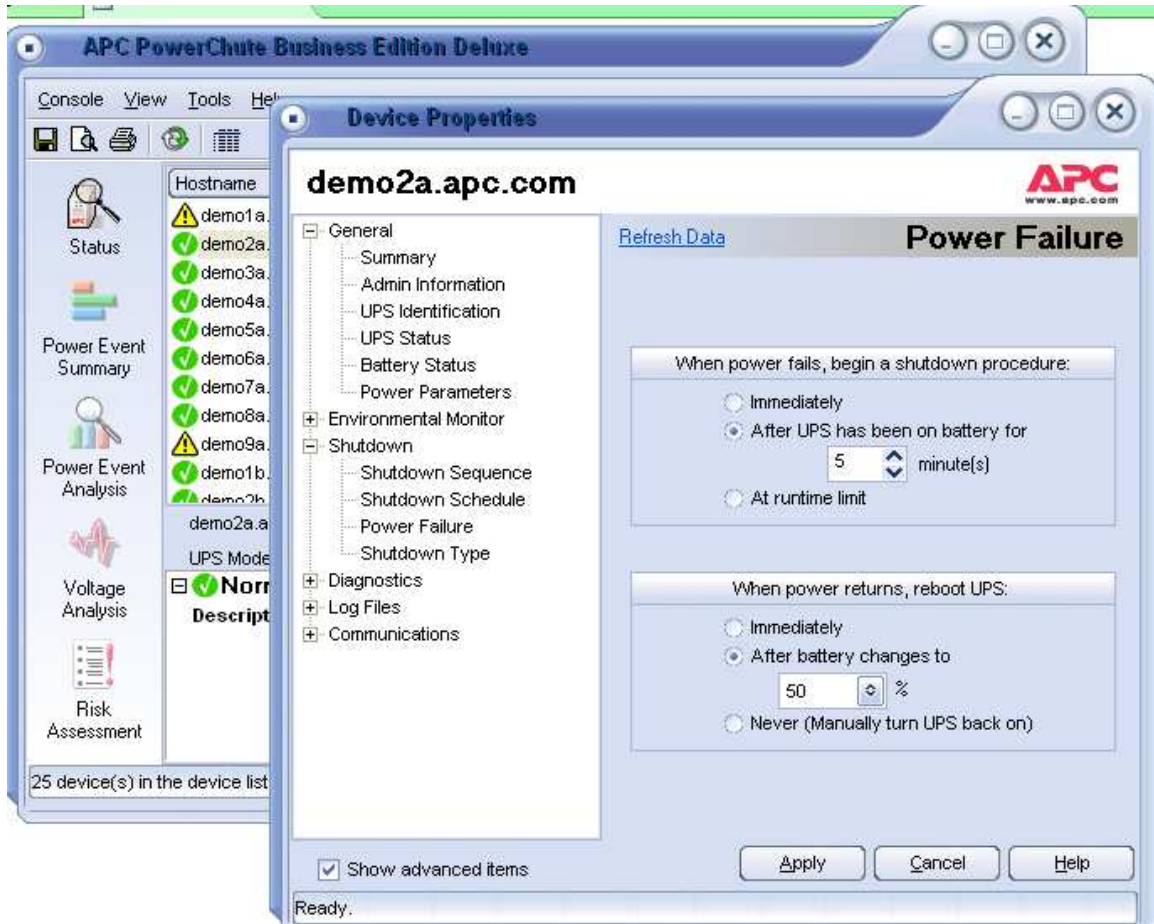
Below the E-Mail Settings section, the 'Contact Information' header is partially visible.

2. 기본 SMTP 구성이 끝났다면, [Events -> Recipients](#)로 가서 받는 사람을 지정합니다. [Add Email Recipient](#)를 이용하면 받는 이메일 주소를 추가하실 수 있습니다.

The screenshot shows the 'Event Recipients' configuration page. The left sidebar is similar to the previous screenshot, but 'Events' is expanded to show 'Logs', 'Actions', 'Recipients', and 'Configure Log'. The main content area is titled 'Event Recipients' and includes the following sections:

- E-mail Recipients**: Shows an email address 'xxx@xxx.com' and a link to [Add Email Recipient](#).
- Broadcast Recipients**: Shows a link to [Add Broadcast Recipient](#).

추가) Console 모드를 이용해서도 같은기능을 설정하실수 있습니다.



감사합니다.