(Guide) How to control OctoPrint with Printer's LCD:

Example: Shutdown Raspberry Pi and power off both printer and Raspberry. Simply enabling custom menus you can add a lot of different functions to printer's LCD as running macros/scripts, sequences, turn on/off LEDs, …

What you will need:

- power Raspberry Pi with a buck converter like this (requires no soldering)
https://www.amazon.com/…/ref=ppx_yo_dt_b_asin_title_o02_s00…

- TPLink Smart Plug (you can use other Octoprint supported Smart Plugs)

Enable in Marlin:

#define CUSTOM_USER_MENUS
#define CUSTOM_USER_MENU_TITLE "Octoprint" (you can give the menu name you want)
#define USER_DESC_1 "Power Off"
#define USER_GCODE_1 "M118 //action:poweroff"
#define HOST_ACTION_COMMANDS

Octoprint:

-Install OctoPrint ActionCommands Plugin
-Install TPLink Plugin
-Configure both plugin's settings as in the pictures
-SSH Raspberry in terminal (if you skip this step, the shutdown command will not succeed):
    Write:
    sudo visudo
    Add this line:
    pi ALL=(ALL) NOPASSWD: /sbin/shutdown
    Save

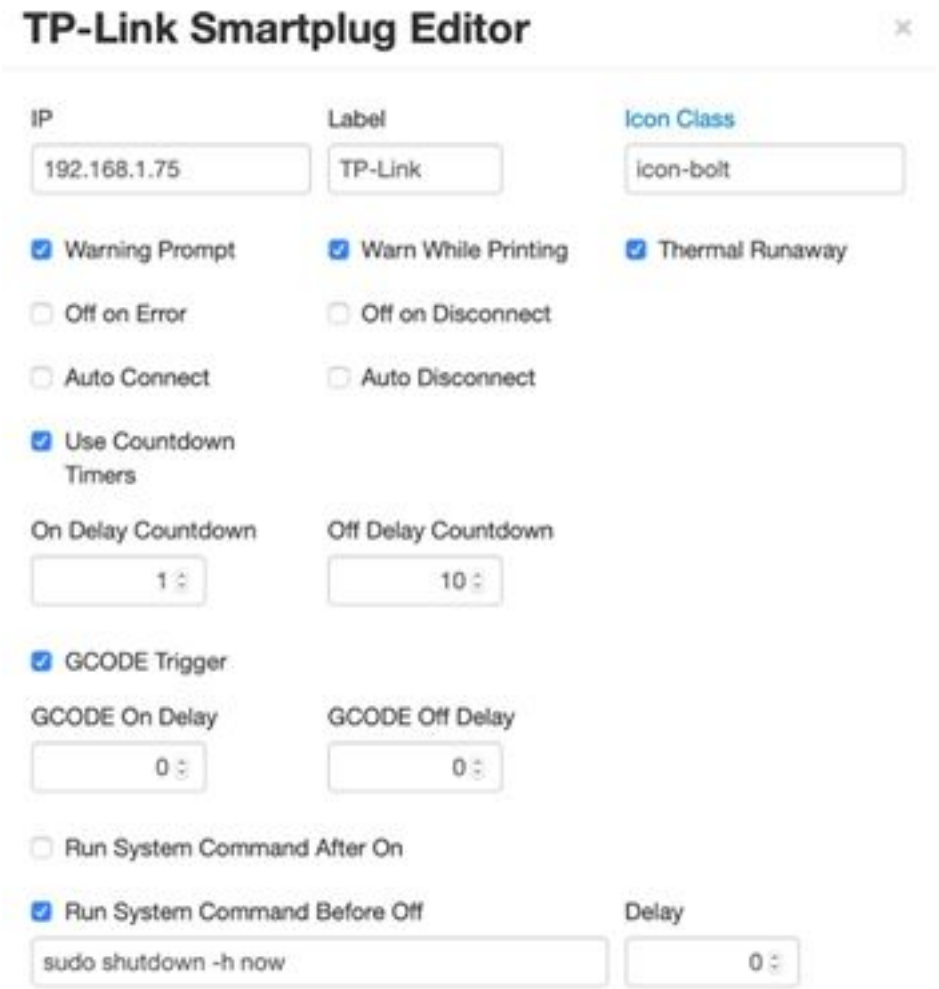
Now you will have one more menu in printer's LCD and you can shutdown Raspberry and then power off both printer and Raspberry

Action Command Definitions

OctoPrint will, by default, respond to three action commands: `action:disconnect` (disconnects the printer), `action:pause` (pauses streaming the print job), and `action:resume` (resumes streaming the print job).

Additional action commands and corresponding actions for OctoPrint to take can be specified here.

Action	Type	Command	Enable
action: poweroff	gcode	@TPLINKOFF 192.168.1.75	☑




Tune
Temperature
Configuration
Octoprint
Change Filament


Main
Power Off