



MORIARTY ELECTRIC CO. / RE-ATTACH GENERAOR TO WIFI NETWORK

Instructions for attaching generator back onto the WIFI network





Table of Contents

Attaching Generator onto WIFI using App	2
Alternate method for attaching generator to WIFI.....	3
Configuring TP-Link RE-105 network extender instructions	3
Getting the Tether app.....	4
Configuring The TP-Link RE-105 As A Network Extender.....	5



Attaching Generator onto WIFI using App

If the generator uses WIFI as its connection and loses the WIFI connection, Mobile Link will show Disconnected. The generator can disconnect from the WIFI if the WIFI router has been changed or moved, WIFI name is changed, WIFI password is changed, router or network extender gets into a weird state and needs a reboot.

There is functionality in the Mobile Link mobile app that will guide you through attaching the generator to your WIFI network for both the factory built in WIFI module and the WIFI/Ethernet add on module with the external antenna. You will have to go out to the generator to do this procedure. Click on the YouTube link below for guidance through the reconnection process.

<https://youtu.be/AogK0kEw18Y>

1. Make sure you are logged out of the app and select "Get Started" in the app
2. Click on "I need to connect a Home Standby Generator to a home network"
3. Follow the prompts in the App from here



Alternate method for attaching generator to WIFI

Note -- *This method is for generators with WIFI that came from the factory built in, not the WIFI/Ethernet module that has the external antenna.*

1. Put the generator into AP (access point) mode
 - a. Press the Off button (display will now show "Switched to Off")
 - b. Press the Escape button (display will now show four menu options)
 - c. Using either the up or down arrow to get to "WIFI" or "Setup WIFI" and press the Enter button
 - d. On "Redo WIFI Setup", use the arrows to change setting to "Yes" and press the Enter button
 - e. Wait for it to start counting down for 30 min
2. Attach to the MLGxxxx WIFI network of the generator with your phone
 - a. Will need to shut off cellular data
3. In a web browser enter in the address bar 192.168.51.1
 - a. The generators web page will come up, follow the prompts to set the Country and Time Zone then press Next
 - b. Select the WIFI network to be attached to and enter the password then press Connect
 - c. This will take a couple of minutes sometimes before the controller on the generator will respond with "Now Connected to" [WIFI Name]

Configuring TP-Link RE-105 network extender instructions

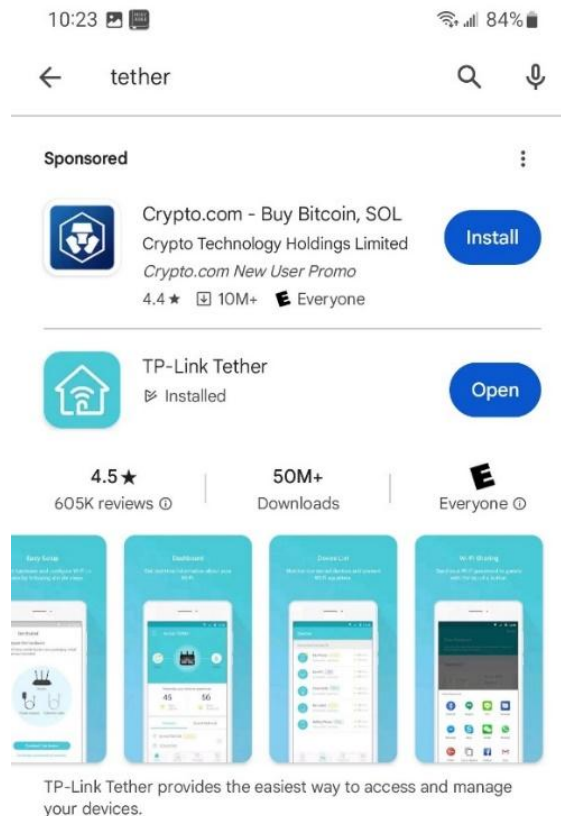
The TP-Link RE-105 network extender is used when the WIFI from the router doesn't reach out or isn't stable at the generator. It is just plugged into a receptacle where the WIFI signal from the router can be reached and the WIFI signal from the network extender can reach the generator. Once the TP-Link is configured, and the location needs to be moved, the TP-Link can be unplugged and moved to another receptacle.



Note – If you have a TP-Link network extender installed between your wireless router and the generator and the router password, router, or wireless name changes, you will need to re-attach the network extender to the wireless network

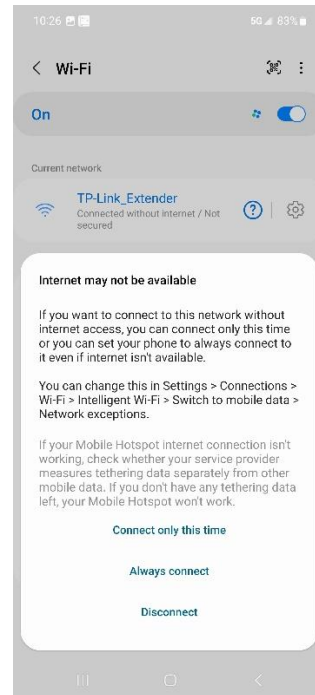
Getting the Tether app

If don't already have the Tether app from TP-Link, go to the Google Play Store or Apples App Store searching for "Tether" then download it. May have to create an account on the first use, but the app is free.



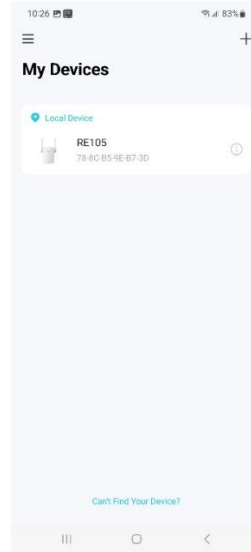
Configuring The TP-Link RE-105 As A Network Extender

1. In WIFI settings, connect to “TP-Link_Extender” WIFI and wait for it to go through checking for Internet connection. If you get the screen below right, select “Always Connect”.



Note – If the network extender needs to be reconfigured and don't know the password to get back in to re-configure, press and hold the reset button for about 10 seconds, the blue LED will start blinking fast, then release and wait for the reboot. This will set the extender back to factory defaults

2. Go to the Tether app and select the correct network extender, pay attention to the MAC address of the TP-Link. This can be compared to the mac on the back of the device to the device that is being selected in the app.



3. Once the device is selected, the app will want you to create a password for managing the device. Recommendation is to set to the same password as the network.
4. Select the WIFI network that you want to extend.
5. Enter the WIFI password and click "Next"
6. Verify the WIFI network name and password and then click "Next"
7. Verify the Extended network name. This is where the extended network name can be changed by clicking on the pencil. Normally just leave the name at it's default and click "Apply"
8. Wait for the app to apply the settings while monitoring the percentage count.
9. Now can click on "Location Looks Good" and then "Done"
10. Exit the app
11. Goto WIFI settings and connect to the extended WIFI network
12. Verify with mobile device with cellular data off that the internet can be web browser.

Any questions or issues with Mobile Link, please send an email to

Genservice@MoriartyElectric.com

Or

Call the office at (207)-439-7247

Moriarty Electric Co.
327 Goodwin Rd
Eliot, ME 03903

Phone: 207-439-7247
Fax: 207-439-7244
Website: www.moriartyelectric.com