Energy Track On-Site Final Setup Steps

Last Modified on 03/02/2026 6:00 pm EST

Connect Truck Computer to the Network

1. Open *Windows Explorer*.
2. Type *\\servername\ctls93\dd85\energytrack* in the *Path* field at the top of the window.
3. If prompted, enter credentials to access the server. Make sure to check the *Remember my Credentials* box.

Run Windows Updates

1. Be sure Windows has all current updates downloaded and installed on truck computer.
2. After updates are installed, turn off the automatic updating of windows. This will keep the truck computers from trying to update at inconvenient times. Additional Windows updates can be downloaded and installed manually when time permits.

Modify ETENERGY.INI

1. Open the file called *ETEnergy.ini*
2. Locate the lines for *HHDATARECEIVE* and *HHDATASEND*. The paths should be as follows:

```
i_disc = %OBJECTS%disc.bmp
i_help = %OBJECTS%help.bmp
i_inquiry = %OBJECTS%inquiry.bmp
i_jcreate = %OBJECTS%jcreate.bmp
i_jedit = %OBJECTS%jedit.bmp
i_jprint = %OBJECTS%jprint.bmp
i_message = %OBJECTS%message.bmp
i_no = %OBJECTS%no.bmp
i_prevmenu = %OBJECTS%prevmenu.bmp
i_printdot = %OBJECTS%printdot.bmp
i_printtick = %OBJECTS%printtick.bmp
i_reg = %OBJECTS%reg.bmp
i_search = %OBJECTS%search.bmp
i_view = %OBJECTS%View.bmp
i_yes = %OBJECTS%yes.bmp
HHDATARECEIVE = \\servername\CTLS93\DD85\EnergyTrack\tlout\
HHDATASEND = \\servername\CTLS93\DD85\EnergyTrack\rettlin\
FilePrinterPath = C:\CognitivePrintDrivers\
DebugMode = N
DD85 = C:\CTLS93\DD85\
```

   HHDATARECEIVE = \\servername\ctls93\dd85\energytrack\tlout

   HHDATASEND = \\servername\ctls93\dd85\energytrack\rettlin

3. Modify *servername* as necessary.
4. Save and then close the *ETENERGY.INI* file.
5. Right-click *ETEnergy.ini* and select **Copy**.
6. Paste the file into the same location as the original. This will create a copy of the file that can serve as a backup. A *Constant File* error message will appear. Refer to the Troubleshooting Guide.

Exclude Folders from Virus Scans

- *C:\Ctls93*
- *C:\Userproc*

Verify Folder Permissions

- **C:\Ctls93** – Read and Write (full control)
- **C:\Userproc** – Read and Write (full control)

Set Correct Printer as Default

1. Navigate to *Devices and Printers* in the Control Panel.
2. Right-click the *Cognitive Advantage 4inch* printer.
3. Select **Set Default Printer**.
4. Choose **Cognitive Advantage 4inch2**.

Set Printers to Correct Ports

Cognitive Advantage 4inch and Cognitive Advantage 4inch2 are set to the correct USB Port and print test pages.

1. Navigate to *Devices and Printers* in the Control Panel.
2. Right-click the *Cognitive Advantage 4inch2* printer.
3. Select **Printer Properties**.
4. Choose *Cognitive Advantage 4inch2*.
5. Select the *Ports* tab.
6. Select the correct USB Port
7. Select **Apply** then **OK**.
8. Repeat Steps 1 - 3.
9. Choose *Cognitive Advantage 4inch*.
10. Repeat Steps 5 - 8.
11. Remove the truck computer from the cradle and re-seat.

Verify Printer Preferences set correctly

1. Navigate to *Devices and Printers* in the Control Panel.
2. Right-click the **Cognitive Advantage 4inch2** icon.
3. Select **Printing preferences**.
4. Choose *Cognitive Advantage 4inch2*.
5. Be sure *Paper Format* is set to *Inch*.
6. Set the *Orientation* to *Portrait* and do not check the *Rotate by 180 degrees* option.
7. Set the *Width* to *4.33* and the *Height* to *8.25*.
8. In the *Unprintable Area*, set *Left* to *0.23* and the rest to *0.00*.
9. On the *Advanced Setup* tab, choose *Direct Thermal* and *Black Bar*.
10. Select **OK**.
11. Right-click the **Cognitive Advantage 4inch2** icon.
12. Select **Printing preferences**.
13. Choose *Cognitive Advantage 4inch*.
14. Be sure *Paper Format* is set to *Inch*.

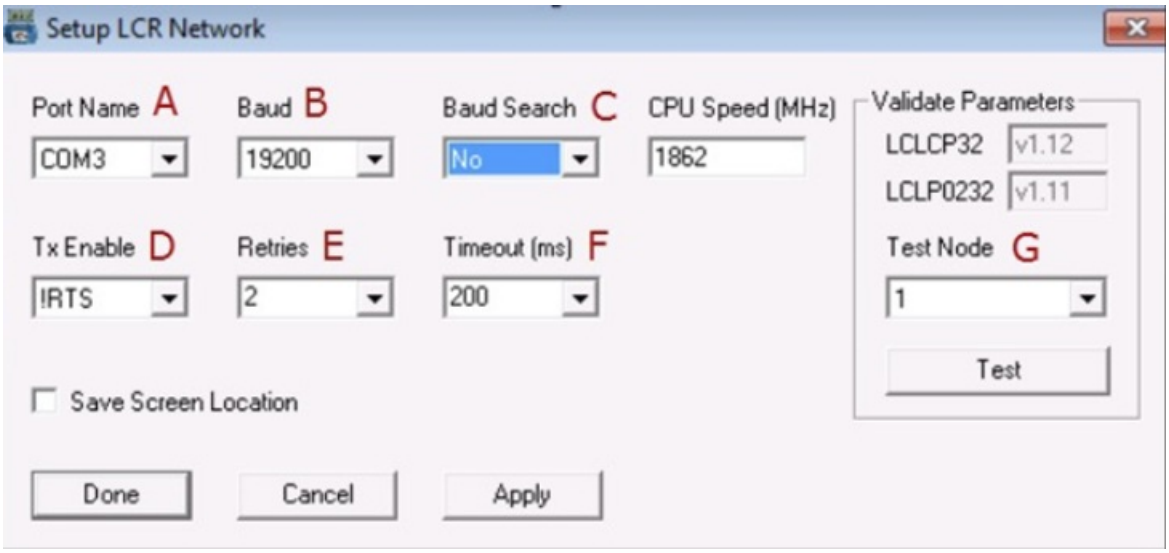
15. Set the *Orientation* to *Portrait* and check the *Rotate by 180 degrees* option.
16. Set the *Width* to *4.33* and the *Height* to *6.25*.
17. In the *Unprintable Area*, set *Right* to *0.23* and the rest to *0.00*.
18. On the *Advanced Setup* tab, choose *Direct Thermal* and *Black Bar*.
19. Select **OK**.

Set Meter Cable to Correct Port

1. Right-click **My Computer** (may be listed as *HHXXXX*).
2. Select **Manage**.
3. Choose *Device Manager* from the left.
4. Expand *Ports(Com & LPT)*.
5. Right-click the device being used for meter communication. If using serial-to-serial communication, this will be listed as *Silicon Labs CP210x UART Bridge* when using *CF-U1* or *CF-H1/H2* or *USB to Serial* when using *FZ-G1*. If using USB-to-serial communication, this will be listed as *Prolific USB to Serial* or *Gigaware USB to Serial* when using all models.
6. Select **Properties**.
7. On the *Port Settings* tab, select **Advanced**.
8. In the lower left, change to *Com3* (if using a meter other than LCR, it must be *Com3*)
9. If *Com3* is occupied, use Steps 1-9 to change it to a different number.
10. Restart the truck computer.

Set Up Meter Communication

If using LCR meters, the LCRSetup utility must be set up to communicate to the meter properly (located at *C:\Utils\LCRSetup.exe*)



A. **Port Name** – This is the Com# assigned to the cable used for communication to the meter. Check in Device Manager under *Ports(Com&LPT)*. It will be either the Silicon Labs device or the USB to Serial Device.

B. **Baud Rate** – This is the rate at which data is transmitted through the device. Normally, this is 19200 but some meters may need to be set to 9600.
C. **Baud Search** – Allow the meter to search baud rates on which to communicate. This is normally set to *No*.
D. **TxEnable** – This is the communication protocol with the meter. This is normally set to *!RTS* but, if no response is received from the meter, it may need changed. Try the *All* option in this menu a response is not received.
E. **Retries** – This should always be set to *2*.
F. **Timeout** – This should always be set to *200*.
G. **Test Node** – This is the number assigned to the meter. If using a propane setup, it will normally be *1*. If using a fuel setup, this will normally be *1* and *2*. If the meter was not changed during initial setup, this field defaults to *250*. Enter the parameters listed and the select **Test**. If communication is successful, a message will display indicating the node responded successfully. If a message displays indicating the node is not responding, try a different *Test Node* (usually *1*, *2*, or *250*).

If using a meter other than the LCR, once the communication cable has been set to the correct port, restart the truck computer then open EnergyTrack. Navigate to *Utilities / Test Hardware* and select the meter. If prompted, select **Get Totalizer** and verify a totalizer value is received.