

## Power on procedures

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Version 1.0

**Purpose** of this is to document the power up and down procedures for the layout.

There are 8 power switches to completely power up the layout. Four are required, 4 are optional.

These are:

1. **Required** power to the overhead radio receivers. This powers the radio transmitters in the ceiling. It is on the south wall, by the door to the unused storage room. There is a very weak light on this switch.
2. **Required** power to the automated switches on the upper level. This is under the layout, on the north wall, by the power plant area. You will notice switches automatically throw when this is powered on. There is a red light mounted high on the wall when this switch is on.
3. **Required** power to the switches on the lower level of the layout. This is under the layout also on the north wall by the Natural gas facility. There is also a red light mounted high on the wall when this switch is powered.
4. **Required** power to the Digitrax Command Systems and cabinet. South wall, farther east than the other switch. This is by the laptop computer station. You will hear the fan in the case come on.
5. **Optional** power to the logging mill and outlets in that area. This is under the layout by the logging mill (south wall).
6. **Optional** power to certain lighting facilities on the layout all the way in by the bottom of the helix area on the east end of the room. (Real east – not the directional signs for running!).
7. **Optional** power to the western helix area (including the under-helix light).
8. **Optional** power to the EasyCAB DC system is a switch by switch #3. Use ONLY if running DC.

### Power up sequence

1. Literally, 1, 2, 3, 4. Turn the switch on.
2. Power up laptop if use desired. Use laptop power on button on the laptop.

### Power down sequence

1. Shut down laptop if used
2. Reverse power up sequence
3. Confirm lights and fans are off

## **Laptop**

Power provided when switch is thrown. Then use power on button. Password is **Pioneer**. 7 letters, one capitalized. App, on the desktop, to be used is Decoderpro.

Power Down procedure – shut the laptop down before you power the system off. The laptop does have a battery but the life of the battery, at best, is about 15 minutes. Shutting down the laptop will protect it from losing power.