

Virtual electrical inspection instructions for utility load management devices and Saver Switches

All inspections for Saver Switches and utility load management devices are performed virtually. This requires the contractor to submit an “offline field report” of the installation through the VuSpex GO app.

The offline field report allows an electrician to submit an inspection of the equipment without the need to coordinate inspections with property owners and state inspectors. **A virtual electrical inspection using the offline field report is mandatory for Saver Switches and utility load management devices.**

Follow the instructions in the [VuSpex Go User Guide](#) to download and use the VuSpex GO app.

The department only uses the offline field report functionality of VuSpex GO. **You DO NOT need to schedule an inspection to submit an offline field report.**

Submit photos

Once you have downloaded the app and are familiar with VuSpex GO, refer to the checklist of required photos below to upload and name the necessary photos for review. **YOU MUST TAKE THE PHOTOS AT THE INSTALLATION ON-SITE** for geo location verification. Failure to do so will result in a failed inspection. A cellular or Wi-Fi data connection is **NOT** required when capturing onsite inspection photos. Once the photos are captured into VuSpex GO at the work site, you may submit the offline field report to the department from any location with a good cellular or Wi-Fi signal.

Checklist of required photos

1. Onsite electrician’s current journeyworker or master license
2. Picture of the on-site building address (if multifamily building picture of the unit number address)
3. Controller ID or serial number Only one device per OFR allowed. Submit separate OFRs for additional devices at the same building site (3 maximum per permit).
4. Controller door open. The picture must show proper wiring methods, terminations, reidentification of white wire where necessary, and separation of power and class 2 systems. Depending on where the supply is connected and the type of enclosure, also verify connector locknuts, bushings and proper grounding and bonding.
5. If a new installation, submit a picture with panel door open to verify connections and reidentification of conductors. For existing installations, the picture must include open junction boxes where circuits were spliced and wiring extended.
6. Overview of installation. The picture must show the wiring method (raceway or cable), proper support, any associated class 2 cables and their routing, to ensure they are protected from physical damage.

7. Supply side connection. The picture must show the supply connection. If overcurrent protection is connected, a picture of the proper fuse or circuit breaker for the branch circuits. If no overcurrent is connected, show the listed termination and instructions, if installing two wires under the same lug/termination.
8. Controller listing mark with fault current rating.

Multiple utility load management devices and saver switches at one building site

- Multiple devices at one building site will be limited to 3 DEVICES per permit.
- Provide a clear image of each separate controller's serial number or unique marking to ensure accurate identification.
- **Upload a separate OFR for each device.**

Questions?

- Contact us at ERVI.DLI@state.mn.us
- For help with questions about batch loading for multiple permits questions, contact ims.support.dli@state.mn.us or 651-284-5026.
- For general National Electrical Code questions, email dli.electricity@state.mn.us.
- [VuSpex support online](#)