

# Commissioning

At Starline, we are committed to ensuring the success of your project. Our team understands the risks associated with the energization of systems, which is why we've designed a rigorous commissioning process to inspect, test and report on your Starline Busway and Critical Power Monitor ("CPM") products. Our commissioning process proactively identifies and prevents potential issues before they happen.



## LEVEL 3 COMMISSIONING: PRE-FUNCTIONAL TESTING (START-UP)

To ensure the long-term success of your project, it is crucial to have Starline-certified technicians inspect and validate the installation before full commissioning. Level 3 commissioning ensures the installation complies with safety requirements and meets factory standards for ongoing reliability. The testing is performed prior to energization of the busway.

### FEATURES

- System start-up and certification
- Mechanical and electrical inspections:
  - Visual busway checks
  - Insulation resistance measurements
  - Continuity checks
- Detailed system startup report

### BENEFITS

- Ensures correct installation for safe energization
- Satisfies NETA ATS specifications
- Extends factory warranties on equipment (excludes plug-ins)

## LEVEL 4 COMMISSIONING: FUNCTIONAL PERFORMANCE TESTING

Our experienced team will develop a comprehensive test script and perform the functions of Level 4 commissioning. We deliver loads of up to 100% of the rated system amperage to the busways, and the focus at this stage is testing the busway systems only.

### FEATURES

- All busway testing equipment and personnel provided
- Full load testing of all busway systems
- Thermal scanning performed by FLIR Certified Technicians
- Comprehensive testing reports, including thermal images

### BENEFITS

- Proactively inspect, diagnose, and report issues
- Reduce the risk of future unplanned downtime
- Maintain project schedules for successful "go live"
- Extend warranties on equipment

## LEVEL 5 COMMISSIONING: INTEGRATED SYSTEM TESTING

With Level 5 commissioning, our team will develop a comprehensive test script and perform the functions of Level 5 commissioning alongside of your selected Commissioning Agent. We deliver loads of up to 100% of the rated system amperage to the busways and allow for testing of other upstream equipment, such as PDUs, UPSs, and transfer switches, while working closely with your selected Commissioning Agent to ensure safe and thorough testing of your system.

### FEATURES

- All busway testing equipment and personnel provided
- Coordination with Commissioning Agent and on-site Vendors
- Seamlessly integrates all burn cycles
- Comprehensive testing reports

### BENEFITS

- Ensures all critical systems function together as designed
- Proactive inspection, diagnosis, and reporting
- Maintain project schedules for successful "go live"
- Extend warranties on equipment