

## **Safety Classification & Learning Model**

- Was High-Energy Present? Refer to icons below or energy assessment charts if there is no applicable icon

  Was a Serious Injury Sustained? Refer to EEI SIF criteria for a complete categorization and description of SIF events.
  - ≥ 50 Volts Ø 1 Bectrical Contact Was high no energy ≥ 30 mph present? ≥ 150°F 3 yes Was a Serious no ves Injury Sustained? Was there a no yes high-energy Low incident? LSIF Severity 3 4 Was a Serious yes nο Was a Direct no ves Injury Control Sustained? Present? Was a Direct yes no Control **HSIF Exposure** Success Present? **PSIF** Capacity
  - **Was there a High-Energy Incident?** An instance where the high-energy source was released and where the worker came in contact with or proximity to the high-energy source.
  - Released: An instance where energy source changes state while exposed to the environment
  - Contact: An instance when high energy is transmitted to the human body
  - Proximity: An instance with unrestricted egress where the boundary of the high energy exposure is within 6 feet of a worker or any distance to a high energy source when there is restricted egress from the energy source.
- Was a Direct Control Present? For each high energy source, a direct control is present if:
  - 1. The control is specifically targeted to the high-energy source
  - 2. The control effectively mitigates exposure to the high energy source when installed, verified, and used properly (i.e., a SIF incident cannot reasonably occur)\*
  - 3. The control is effective even if there is unintentional human error during the work period (unrelated to the installation of the control)