

# **EPC General Contracting for Lightning Protection of Power Cabinets**



## Overview

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Why the best practice was used: This document provides consistent criteria for applying lightning protection design, installation, maintenance and inspection into safety programs against the NFPA and DOE requirements.

## EPC General Contracting for Lightning Protection of Power Cabinets

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### SECTION 1

Coordinate installation of lightning protection with installation of other building systems and components, including electrical wiring, supporting structures and building materials, metal bodies requiring

### Electra Power

From comprehensive high power electrical projects to commissioning critical Electro Mechanical installations, Electra Power partners with its clients to deliver fully operational infrastructure within the



### EPC Contracts for Power & Energy Projects

Understanding the provisions, mechanisms, and concepts regularly utilized in an EPC contract is critical to successfully developing a project from inception to commercial operation. This course analyzes

### Lightning protection

We have an experienced team of installation engineers, operating nationwide from our regional branch network. Our engineers have the knowledge and experience to install lightning protection systems for





## [Specification Lightning Protection Systems](#)

The system installation shall be made by a contractor that specializes in the installation of lightning protection systems and be under the supervision of an LPI Certified Master Installer or Master

### **Basic Design Report**

The lightning protection system protects PV modules, inverters, control and monitoring systems and any other electrical and mechanical equipment against damage caused by lightning strikes.



### **Lightning Protection System Guidelines , East Coast Lightning**

Working with a lightning protection specialist will ensure that the correct lightning protection equipment is used to facilitate ease of installation, ensure compliance with national standards and maintain the

### **ENGINEER, PROCURE, CONSTRUCT (EPC)**

SEnergy is a full-service electrical engineering and consulting provider that delivers EPC solutions on a turnkey basis. We build upon our traditional design/bid/build engineering methods to offer a



### **EFCOG Best Practice #143**

Why the best practice was used: This document provides consistent criteria for applying lightning



### [EPC Services Company , Electrical Consultants Inc.](#)

EPC Services Company is one of the largest professionally-led, vertically integrated EPC companies in the United States, providing full EPC execution solutions for utility and energy projects.

protection design, installation, maintenance and inspection into safety programs against the NFPA



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