



## Padmount Metering Cabinet

Prime Engineering Ltd is an electrical supply and services firm that specializes in medium voltage electrical equipment. We have developed an outdoor weatherproof dead front air insulated padmount primary metering cabinet built to CSA standard C22.2 No.31. The Prime Engineering padmount primary metering cabinet is constructed from powdercoated marine grade 5052 H32 aluminum to withstand the elements.

### **The metering cabinet is provided with the following:**

- Elbow bushing inserts
- Six 200A (or 600A) bushing wells (nine available for loop feed upon request)
- Provisions for mounting metering CT's and VT's (CT's and VT's are not included\*)
- Meter socket and test switch (revenue grade meter not included\*\*)
- Cable parking stands
- Ground bus
- Seismic mount provisions and lifting eyes
- Tamper proof enclosure with pad-lockable handle
- ANSI 61 Grey powdercoat (other colours available upon request)

\*CT's and VT's can be supplied and installed upon request.

\*\* Metering can be supplied and installed upon request.

Metering cabinets are supplied fully assembled and ready for placement of the CT's, VT's and customer cabling connections.

Custom designs and modifications are available upon request. Please contact us for more information.

### **Standard ratings:**

- Ampacity: 200A (or 600A)\*
- Withstand Rating: 20kA\*
- Typical Dimensions (per cabinet): (W,D,H) 72" x 72" x 77"
- Voltage: 4.16kV-27.6kV
- BIL RATING: 60-125kV
- Weight (typical): 2,200 lbs

\*Additional ratings and options available upon request



We have a full fleet of field service technicians and test equipment and are able to provide onsite testing, commissioning, maintenance and 24hr emergency service.