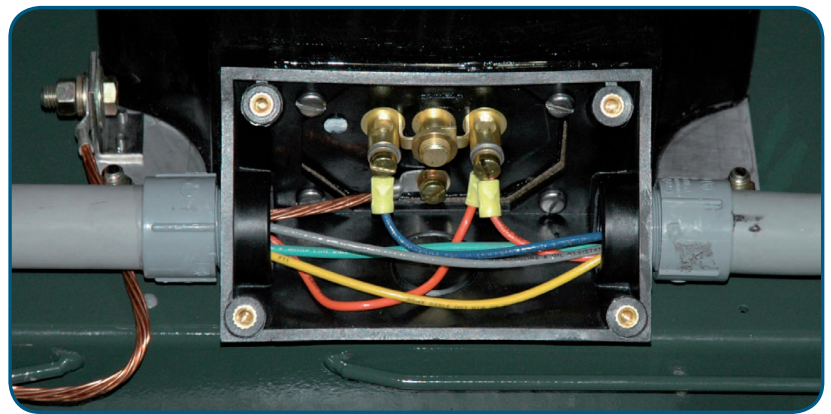




## Padmounted Primary Metering Gear, 5-35kV Live Front • Dead Front • Single- or Three-Phase Configurations

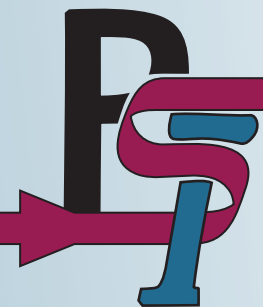
With Powergrid Solution's Primary Metering Gear, customers can safely meter voltages from 5-35 kV and reliably measure power usage. Powergrid Solution's equipment comes assembled and ready for installation, saving you time and money on-site.



Live Front and Dead Front units are available in single or three-phase configurations, loop or radial feeds, with 200 or 600 Amp bushings standard, upgradeable to 1200 Amp. Order the cabinets alone, or have Powergrid Solutions source, supply and install instrument transformers.



**Design • Build • Deliver**



# Padmounted Primary Metering Gear, 5-35kV

## Live Front • Dead Front • Single or Three-Phase Configurations

### Models

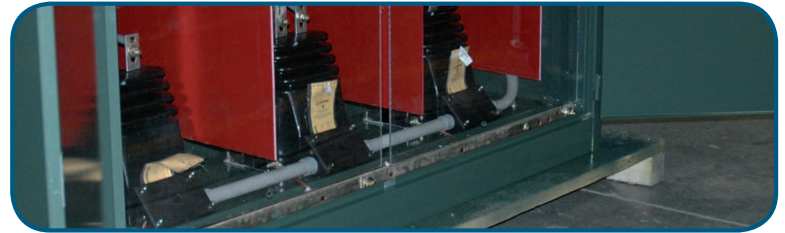
SPMD, SPML, SPMG

### Standard Features

- 200 or 600 Amp
- Paint meeting IEEE C57.12.28
- Mild steel
- Copper bus (*silver- or tin-plated*)
- Custom paint colors  
(*when specified at time of order*)
- GPO-3 glass polyester or clear Lexan® barriers
- Indoor or outdoor instrument transformers
- Lifting lugs
- Loop/radial feeds
- Mimic bus
- Penta head latch (*3-point, dual-action, positive verification latch*)
- Cross kinked roof
- Stainless steel backing screens on louvers
- Stainless steel exterior hardware
- Stainless steel parking stands
- Welded construction

### Customization Options

- 1200 Amp
- Galvanneal, aluminum or stainless steel construction
- Base undercoating
- Continuous and concentric ground bus
- Extended elbow compartment depth (*dead front*)
- Instrument transformers installed  
(*Powergrid Solutions or customer-supplied*)
- Insulating non-drip compound (*inside roof*)
- Low-voltage wiring (*color-coded, standard*)
- Meter base and test block enclosure  
with plywood sub-panel
- Meter sockets installed  
(*Powergrid Solutions or customer-supplied*)
- Multi-lingual exterior/interior signage
- Partially-hinged roof or fully-removable roof
- Test blocks installed  
(*Powergrid Solutions or customer-supplied*)



### The Powergrid Solutions Difference

A major U.S. utility wanted to save time and money by sourcing empty Powergrid Solutions Padmounted Primary Metering enclosures. The customer planned to install components and wire the units in their facility. However, component delivery and installations were fraught with logistics and lead-time problems.

Ultimately, the utility opted to source completed Padmounted Primary Metering gear from Powergrid Solutions, including instrument transformers, meter sockets, test blocks and low-voltage wiring. Powergrid Solution's integrated manufacturing proved to be the most cost-effective and timely method, making Powergrid Solutions the utility's preferred provider.

For more information, please visit our Web site, contact our sales network or reference our catalog.

3110 Progress Drive  
Oshkosh, WI 54901  
p 920.232.8888  
f 920.232.8977

[www.powergridsolutionsinc.com](http://www.powergridsolutionsinc.com)

