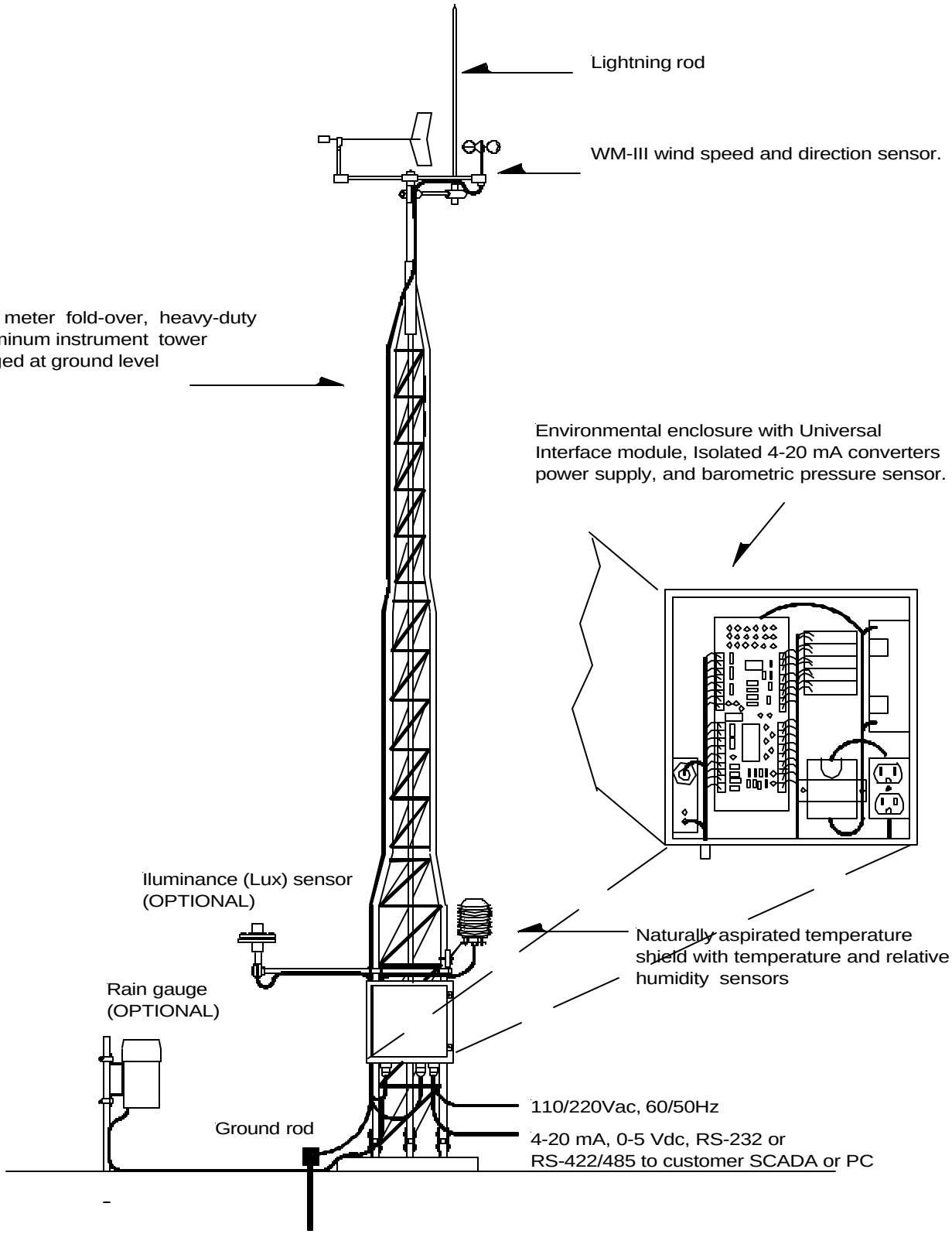10 METER WEATHER STATION FOR LOAD FORECASTING