PDM CONFIGURATION WORKSHEET

Each PDM unit may be configured to measure any 18 parameters from the following list. Any twelve of those eighteen parameters may be selected for local display. Display position is also selectable. Any or all of the parameters may be displayed on up to 8 remote displays (accessed through the serial com port) or sent to a D/A converter (8 channels per converter).

Check the boxes below to indicate the desired configuration for PDM - _____

PARAMETERS

	MEASURED	DISPLAYED	POSITION #
VOLTS (L-N)			
L1-N	☐	☐	_____
L2-N	☐	☐	_____
L3-N	☐	☐	_____
Average L-N	☐	☐	_____
VOLTS (L-L)			
L1-L2	☐	☐	_____
L2-L3	☐	☐	_____
L3-L1	☐	☐	_____
Average L-L	☐	☐	_____
AMPS			
L1	☐	☐	_____
L2	☐	☐	_____
L3	☐	☐	_____
Average	☐	☐	_____
WATTS			
L1-N	☐	☐	_____
L2-N	☐	☐	_____
L3-N	☐	☐	_____
System	☐	☐	_____
VOLT-AMPS			
L1-N	☐	☐	_____
L2-N	☐	☐	_____
L3-N	☐	☐	_____
System	☐	☐	_____
VARs			
L1-N	☐	☐	_____
L2-N	☐	☐	_____
L3-N	☐	☐	_____
System	☐	☐	_____
ENERGY (Wh)			
System	☐	☐	_____
FREQUENCY			
System	☐	☐	_____
POWER FACTOR			
System	☐	☐	_____

SCALING

VOLTAGE ☐ Direct Input Only
☐ Scaled For Use With PTs. Ratio _____:_____ ☐ Cal. with _____PTs.
(OSI P/N or "customer-supplied)

CURRENT ☐ Direct Input Only
☐ Scaled For Use With CTs. Ratio _____:_____ ☐ Cal. with _____CTs.
(OSI P/N or "customer-supplied)

D/A-4772x ☐ Calibrate with D/A-4772x S/N:_____

UNITS AND RESOLUTION

Units of measurement are factory-selected to provide the best reasonable resolution.

Example: Full Scale Watts = Volts(L-N) * Current * 3
346VL-N * 500A * 3 = 519kW = F.S. (the factory default resolution would be 519.0kW)

BIDIRECTIONAL OPERATION

WATTS ☐

Note: Reverse power will be indicated with a "–" sign. Resolution must be adjusted to use 4 digits of display only. Otherwise the "–" sign will overwrite the most significant digit. (Watthour operation is unidirectional (forward energy) even if bidirectional Watt operation is selected.)

COMMENTS: _____

_____

OSI Engr. Approval _____ Date _____ Customer Approval _____ Date _____ S.O.# _____
(Initials) (Initials)

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