

# Power Distribution Center Data Sheet

Data Sheet No. <Insert Data Sheet Number>

<p><b>Site Data:</b>                  Location _____                  Elevation _____ feet above sea level                  Area Classification <input type="checkbox"/> General Purpose                                                    <input type="checkbox"/> Class _____, Div _____, Group(s) _____                  Ambient Temperature: Max _____°F Min _____°F                  Maximum Humidity _____%</p> <p><b>Structural Design Criteria:</b>                  Building Code <u>2003 International Building Code</u>                  Seismic S<sub>s</sub>= _____                                S<sub>i</sub>= _____                                Importance = <u>1.0</u>                  Wind Basic Wind Speed = _____ MPH                            Exposure = <u>C</u>                            Importance = <u>1.0</u>                  Floor Live load = <u>250</u>PSF                  Roof Live load = <u>30</u>PSF                            Ground snow load = _____ PSF  <input type="checkbox"/> P.E. Stamped Structural Calculations Required State _____                  PDC Mounting Method <u>Hold</u>                                                    If elevated, _____ feet above grade</p> <p><b>Cable/Conduit/Busduct Entry:</b>  <input type="checkbox"/> Bottom  <input type="checkbox"/> Top (1/4" Aluminum Coverplates)                            <input type="checkbox"/> Cable Transits Required <u>Hold</u>  <input type="checkbox"/> Busduct Entry Required                            <input type="checkbox"/> Top                            <input type="checkbox"/> Bottom</p> <p><b>HVAC Design Criteria:</b>  <input type="checkbox"/> Air Conditioning Required  <input type="checkbox"/> Heating Required  <input type="checkbox"/> Redundancy Required <u>Hold</u>                  Allowable Inside Temperature: Max _____°F Min _____°F  <input type="checkbox"/> Humidity Control Required _____% ± _____%                  Equipment Mounting: <input type="checkbox"/> Wall                                                    <input type="checkbox"/> Roof                                                    <input type="checkbox"/> Pad                                                    Duct Penetrations                                                    <input type="checkbox"/> Roof                                                    <input type="checkbox"/> Wall</p> <table style="width:100%; border: none;"> <tr> <td>Economizer Required</td> <td><input type="checkbox"/> Yes</td> <td><input type="checkbox"/> No</td> </tr> <tr> <td>NFPA 496 Type Z Purge Required</td> <td><input type="checkbox"/> Yes</td> <td><input type="checkbox"/> No</td> </tr> <tr> <td>Outside Air Intake Stack Required</td> <td><input type="checkbox"/> Yes</td> <td><input type="checkbox"/> No</td> </tr> <tr> <td>Outside Air Intake Filters Required</td> <td><input type="checkbox"/> Yes</td> <td><input type="checkbox"/> No</td> </tr> <tr> <td>Outside Air Chemical Filtration Required</td> <td><input type="checkbox"/> Yes</td> <td><input type="checkbox"/> No</td> </tr> <tr> <td>Condenser Coil Coating Required</td> <td><input type="checkbox"/> Yes</td> <td><input type="checkbox"/> No</td> </tr> <tr> <td>Evaporator Coil Coating Required</td> <td><input type="checkbox"/> Yes</td> <td><input type="checkbox"/> No</td> </tr> <tr> <td>Emergency Shutdown Contacts Required</td> <td><input type="checkbox"/> Yes</td> <td><input type="checkbox"/> No</td> </tr> </table>	Economizer Required	<input type="checkbox"/> Yes	<input type="checkbox"/> No	NFPA 496 Type Z Purge Required	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Outside Air Intake Stack Required	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Outside Air Intake Filters Required	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Outside Air Chemical Filtration Required	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Condenser Coil Coating Required	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Evaporator Coil Coating Required	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Emergency Shutdown Contacts Required	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<p><b>Coating System:</b>                  Exterior Finish Color <u>White</u>  <input type="checkbox"/> Alternate Trim Color Required _____</p> <p><b>Doors and Accessories:</b>                  Quantity and size as shown on drawings  <input type="checkbox"/> Windows required Laminated Safety Glass                            <input type="checkbox"/> Tinting Required  <input type="checkbox"/> Canopies Required  <input type="checkbox"/> Stainless Steel Kickplates Required  <input type="checkbox"/> Equipment Rear Access Panels Required  <input type="checkbox"/> Intrusion Alarm Required  <input type="checkbox"/> Stairs and Landings Required                            <input type="checkbox"/> Standard landing sizes for each door                            <input type="checkbox"/> Landings sized per drawings  <input type="checkbox"/> Landings Required for Roof Mount HVAC                            <input type="checkbox"/> Ladder With Cage Required</p> <p><b>Fire &amp; Gas Detection:</b>  <input type="checkbox"/> Standalone System  <input type="checkbox"/> Supervised System (Control Panel)                            <input type="checkbox"/> Ionization-Type Smoke Detectors Required                            <input type="checkbox"/> Thermal Rate-of-Rise Detectors Required                            <input type="checkbox"/> Manual Pulls Stations at Doors Required                            <input type="checkbox"/> Indoor Audible/Visual Alarm Required                            <input type="checkbox"/> Outdoor Audible/Visual Alarm Required                            <input type="checkbox"/> Combustible Gas Detectors Required                            Gases to be Detected _____  <input type="checkbox"/> HVAC System ESD Upon Detection Required  <input type="checkbox"/> Fire Extinguishers Required <u>Hold</u></p> <p><b>Options and Accessories:</b>  <input type="checkbox"/> Cabletray Required  <input type="checkbox"/> Windows Required (per drawings) <input type="checkbox"/> Tinted  <input type="checkbox"/> Storage Cabinet Required _____"W x _____"D x _____"H  <input type="checkbox"/> Electrical Grade Rubber Matting Required  <input type="checkbox"/> Medium Voltage Switchgear Required                            Reference Specification _____  <input type="checkbox"/> Low Voltage Switchgear Required                            Reference Specification _____  <input type="checkbox"/> Medium Voltage Motor Control Center Required                            Reference Specification _____  <input type="checkbox"/> Low Voltage Motor Control Center Required                            Reference Specification _____  <input type="checkbox"/> Variable Frequency Drives Required                            Reference Specification _____  <input type="checkbox"/> Busduct Required                            Reference Specification _____  <input type="checkbox"/> Transformer(s) Required                            Reference Specification _____  <input type="checkbox"/> Other Equipment Required _____                            Reference Specification _____</p>
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<b>Special Project Notes:</b>																									
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