

Existing condition service & distribution checklist.

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Project: _____
Proj. No: _____
PM/PE: _____
Date: _____

Power Company Service

Power Company: _____
Rep Name: _____
Telephone: _____

Type of Service:
☐ Primary ☐ Secondary ☐ Unknown

☐ Underground ☐ Overhead
☐ Combination ☐ Unknown
☐ _____

Transformation

☐ Pad ☐ Pole ☐ N/A ☐ Unknown
KVA: _____ ☐ Unknown
% Impedance: _____ ☐ Unknown
Primary Voltage _____ ☐ Unknown
Secondary Voltage: _____ ☐ Unknown

Short Circuit Fault Current Available

☐ Power Company ☐ Sym
☐ Primary ☐ MVA
☐ Secondary: _____ ☐ A
☐ Unknown

Power Company Pole #: _____ ☐ Unknown

New Poles: ☐ Street Line ☐ Private
☐ N/A ☐ Unknown

Primary Service

Raceway Size: _____ ☐ Unknown
Type: ☐ RSC ☐ PVC ☐ PVC/Conc.
☐ DB: _____ ☐ Unknown
Cable: _____ ☐ Unknown
Ground Conductor: _____ ☐ Unknown

Secondary Service

Raceway Size: _____ ☐ Unknown
Type: ☐ RSC ☐ PVC ☐ PVC/Conc.
☐ DB: _____ ☐ Unknown
Cable: _____ ☐ Unknown

Type of Power Available at Site Line

Primary ☐ 1PH ☐ 3PH ☐ Unknown
Sec ☐ 1PH ☐ 3 PH ☐ Unknown

Has Power Company Been Contacted for
Existing Loads and Requirements for new
services?

☐ Yes ☐ No ☐ Not Req.

Comments:

Main Electric Service

Main Entrance Capacity:

Size _____ A ☐ Unknown
Total Load
_____ KW _____ KVA
Power Factor _____ ☐ Unknown
Largest Connected Motor ☐ N/A
_____ HP ☐ Unknown
Starter Size & Type _____ ☐ Unknown

Existing condition service & distribution checklist. (Continued)

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Project: _____
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Date: _____

Main Protective Device:

☐ Fuse/Switch ☐ MCCB ☐ ICCB
☐ Power breaker _____ ☐ Unknown
Duty: ☐ 80% ☐ 100% ☐ Unknown
Type of Trip: ☐ Thermal ☐ Magnetic
☐ Solid State

GFP ☐ Yes ☐ No ☐ Unknown
☐ Selective ☐ Time Delay

Current Limiting
☐ Yes ☐ No ☐ Unknown

CT's Required: ☐ Yes ☐ No ☐ Unknown

PT's Required: ☐ Yes ☐ No ☐ Unknown

Who Supplies CT's and PT's:

_____ ☐ Unknown

Revenue Meters

☐ Active ☐ Reactive ☐ Unknown
☐ Inside ☐ Outside ☐ Unknown

Type of Construction

☐ Panelboard ☐ Switchboard
☐ Unitized ☐ MCC _____

Grounding Electrode Conductor

Size _____
☐ Ground Rod ☐ Water Service

Rating of Gear

_____ AIC Sym. ☐ Unknown

Comments:

Power Distribution System

☐ N/A

Main Distribution Bus _____ A ☐ Unknown

Rating _____ AIC Sym ☐ Unknown

Distribution Devices

☐ Fuse/Switch ☐ MCCB ☐ ICCB
☐ Power breaker _____ ☐ Unknown
Duty: ☐ 80% ☐ 100% ☐ Unknown
Type of Trip: ☐ Thermal ☐ Magnetic
☐ Solid State

GFP ☐ Yes ☐ No ☐ Unknown

☐ Selective ☐ Time Delay

Current Limit ☐ Yes ☐ No ☐ Unknown

Raceways ☐ Aluminum ☐ RSC ☐ ISC

☐ EMT ☐ PVC ☐ Unknown

Conductor Type _____ ☐ Unknown

Voltage Systems #1 _____ ☐ Unknown

#2 _____

Raceway Location ☐ Exposed ☐ Unknown

Concealed in: ☐ Walls ☐ Ceilings

☐ Floors ☐ Unknown

Busway ☐ Aluminum ☐ Copper ☐ WP

☐ N/A ☐ Unknown

☐ Feeder ☐ Plug-in ☐ Standard

☐ LVD ☐ CL

Plug In Unit: ☐ Fuse/Switch ☐ N/A

☐ Circuit Breaker ☐ Unknown

Dry Type Transformer

☐ 1 PH ☐ 3 PH ☐ N/A ☐ Unknown

Minimum Impedance _____ %

Existing condition service & distribution checklist. (*Continued*)

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Project: _____
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Sub Panels:

☐ 1 PH ☐ 3 PH ☐ N/A ☐ Unknown

Rating: _____ AIC sym ☐ Unknown

Branch Breakers: ☐ Standard

☐ Switching Duty ☐ Unknown

Comments:

