

BEAR VALLEY ELECTRIC SERVICE CHECKLIST



Permanent Meter Panel Service For Overhead and Underground Services

Upon your Inspection, the BVES Engineering Inspector will be looking for these specific items.

Use this checklist to ensure a smooth and acceptable approval process.

Electric Meter Panel	EUSERC Rated
Riser	Over 36" requires Bracing
Riser Flashing	Required on Roof
Meter Panel Location	1' to 3' From Corner of structure (unless approved otherwise)
Overhead Riser Pipe Straps Underground Conduit Straps	3' maximum apart
Overhead Riser Pipe Underground Conduit Pipe	Overhead: Schedule 40 Underground: Schedule 80
Ground Rod / Grounding Clamp	5/8" X 8' Copper Rod, 2pc Clamp
Ground Wire	#6 Copper Wire Armor Clad 100 Amp #4 Copper Wire Armor Clad 200 Amp 1/O Copper Wire Armor Clad 400 Amp
Overhead Conduit Wire	#4 Copper / #2 Aluminum 100 Amp 2/O Copper / 4/O Aluminum 200 Amp No 400 Amp allowed for Overhead Construction
Overhead Minimum Clearances	See BVES Specifications for Overhead Services
Meter Panel To Gas Meter Clearance	3' either side of gas meter
Meter Height Centerline to Grade	5' 0" to 6' 2"
Radial Clearance around Weatherhead	3'
Overhead Service Wire Past Weatherhead	18" Minimum , Neutral Identified
Workspace in front of panel	3' Minimum
Minimum Riser Height above roofline	3" Minimum
Address	On Structure only
Service Wire Distance	Over 100', bracing required on riser

***Please see Permanent Overhead and Underground Meter Panel Specifications for more detail**