

# OTC ELECTRICAL PERMIT



## CITY OF HEMET DEPARTMENT OF LIFE SAFETY ELECTRICAL METER PANELS/PEDESTAL

1. MPU's (Meter Panel Upgrades)
2. Meter Release/Meter Resets
2. Meter Relocation
4. Pedestals

### Main Service Panel Change Out/Upgrade

Required Documents to issue Permit Over The Counter(OTC):

- Application
- Site/Plot Plan
- Signed Owner Contract or Letter of Authorization
- Scope of Work
- Specifications

### **SCE Utility is responsible for the following:**

- Identifying/Approving location of main service panel. **SCE Utility will mark the location of the new upgraded main service panel.**
- Disconnect/Reconnect of service to allow for installation
- The installation and maintenance of the overhead/underground electric lines to your main service panel.
- Inspecting/Approving new main service panel after installation.

### Requirements

#### **Main Service Panel General requirements:**

- Weatherhead mounted at a minimum height of 18" with a recommended height of 36" for overhead service
- Service lead from weatherhead to have a minimum lead of 24" for overhead service
- Galvanized steel riser (overhead service) or electrical conduit (underground service) to be secured by straps every 3" minimum
- Main Service Panel location must be approved by SCE Utility and must be mounted at a minimum height of 48" to a maximum height of 75" to the center of glass
- Main Service Panel must have 36" radial clearance from windows, doors, exits, fire escapes, balconies, stairways and walkways, etc. and 36" horizontal clearance from any possible ground points such as gas piping or metal fencing
- Main Service Panel sizing to be based on Bus Amp Rating of panel

#### **100A Main Service Panel General requirements:**

- All requirements listed in Main Service Panel General requirements
- Galvanized steel riser to be a minimum 1.5" for overhead service
- Schedule 40 conduit to be a minimum 3" for underground service
- Service conductors (including neutral) to be a minimum #2 stranded copper with neutral conductor to be marked with white tape at both the weatherhead and panel for overhead service
- Grounding to be a minimum #8 solid copper in flex conduit to a driven 5/8 x 8" copper-clad ground rod and bonded to cold water and gas in one continuous run.

## **Main Service Panel General requirements cont.:**

### **120A Main Service Panel General requirements:**

- All requirements listed in Main Service Panel General requirements
- Galvanized steel riser to be a minimum 1.5"
- Schedule 40 conduit to be a minimum 3" for underground service
- Service entrance conductors (including neutral) to be a minimum #1 stranded copper with neutral conductor to be marked with white tape at both the weatherhead and panel
- Grounding to be a minimum #6 solid copper in flex conduit to a driven 5/8 x 8' copper- clad ground rod and bonded to cold water and gas in one continuous run.

### **200A to 225A Main Service Panel and above General requirements (200 Main Breaker Maxx)**

- All requirements listed in Main Service Panel General requirements
- Galvanized steel riser to be a minimum 2"
- Schedule 40 conduit to be a minimum 3" for underground service
- Service entrance conductors (including neutral) to be a minimum 3/0 stranded copper with neutral conductor to be marked with white tape at both the weatherhead and panel
- Grounding to be a minimum #4 solid copper in flex conduit to a driven 5/8 x 8' copper- clad ground rod and bonded to cold water and gas in one continuous run
- Service Contract for the cost of the larger conductor to support your new main service panel

## **Required Inspections:**

### **1. MPU's-Required Inspections**

- 1st-Rough Electric Inspection
- 2nd-Exterior Lath (if stucco or wood exterior was required to be removed for installation)
- 3rd-Final\*\*

### **2. Meter Releases/Meter Resets-Required Inspections**

- Rough Electric/Final\*\*

### **3. Meter Relocation-Required Inspections**

- Rough Electric/Final\*\*

***NOTE: ONLY SCE APPROVES RELOCATIONS. Electrical Contractor must provide 1) Photo from SCE 2) Letter from SCE Approval at time of Inspection to Building Inspector to do the inspection and final the job.***

Additional notes for contractors: Electricians, Solor or Pool contractors are not permitted to access the load side of panel.

***This side is designated for SCE ONLY. DO NOT CUT OR REMOVE LOCK OUT TAG.***

### **4. Pedestal**

- Final Electric\*\*