

# PREWIRING & 240V RECEPTACLES

## BESO Resilience Upgrade Measure

### MEASURE INFORMATION

**Credits:** 1 (at least 2 receptacles) or 2 (3 or more receptacles)

#### Description:

Installing 240-volt receptacles and prewiring key locations in your home helps prepare for future electric appliances like heat pump water heaters, heat pump HVAC systems, EV chargers, electric clothes dryers, and induction ranges. The Bay Area Air District has adopted a phased ban on the sale and installation of new NOx emitting appliances, beginning in 2027. This means that when your gas water heater or gas furnace reaches the end of its life, you'll need to replace it with a zero NOx alternative, such as an electric heat pump. Prewiring will make future installations faster, easier, and more affordable. This simple step helps future-proof your home, avoid costly electrical work later, and ensures a smooth transition to clean, all-electric equipment when the time comes.



#### Installation Criteria:

Install dedicated 240V circuits and receptacles to support future electric appliances or vehicle chargers. 240V receptacles may be installed for the following equipment and systems: Range/Oven, Clothes Dryer, Water Heater, Furnace, or EV charger.

#### Required Verification Documentation:

- Permit + approved final inspection – Include “for BESO compliance” in the scope of work section of your building permit application.
- Contractor invoice with description of outlet locations

#### Benefits:



Electric  
Readiness



## ADDITIONAL RESOURCES

### **Bay Area Air District Zero NOx Appliance Rules:**

To improve regional air quality and reduce the amount of NOx and particulate matter emissions, the Bay Area Air District has adopted zero NOx emissions standards for natural gas fired furnaces and water heaters. When your gas appliance reaches the end of its life, you'll need to replace it with a zero NOx alternative, such as an electric heat pump.

For more information, see the Air District's [Fact Sheet](#) and [Frequently Asked Questions](#) on the zero NOx appliance rules. Completing this measure helps you comply with BESO and gets you ready for the new Bay Area District Zero NOx Appliance requirements.

### **Permitting Resources:**

- For information about the permit process, including permit types and requirements, visit the [City's permitting webpage](#). If you're new to the process or have questions, you can also [schedule an appointment with a permit specialist](#) for personalized guidance.