



PRINTABLE BROCHURE

**Rate Schedule 93** allows residential and small commercial EV owners the opportunity to reduce the cost to operate their EVs by charging their vehicles when loads on the electric grid are low.

**Rate Schedule 94** complements the off-peak charging rate by allowing EV owners to participate in Rate Schedule 93 without the upfront cost of purchasing a Level II charging station and installing a separate metering point.

### *Schedule 93 • Off-peak Electric Vehicle Charging*

Allows customers to avoid capacity costs when they charge between 10PM – 5AM

Open to Residential and Small Commercial customers not currently metered with demand

Savings for the average residential customer is around \$125-150 each year

Customers can provide their own charging station and metering point (meter supplied by AELP) or they can use equipment provided by AELP under Schedule 94

### *Schedule 94: Electric Vehicle Supply Equipment*

Customers can rent Electric Vehicle Supply Equipment under this rate schedule for \$10.13 per month, for a total of \$121.56 per year

Equipment includes a pre-assembled panel with a charging station and meter base that will plug into a customer-provided supply circuit and receptacle

Customer simply hangs the equipment on the wall, plugs into a 240V receptacle, and is ready to begin charging

Energy delivered by the equipment will be billed according to Schedule 93 Off-Peak Electric Vehicle Charging

Allows customers to avoid the upfront cost of purchasing charging station, and AELP remains responsible for maintaining the equipment



## General EV Rate Questions:

### Q: How do I get the EV rate for my electric vehicle?

**A:** First, you must qualify. To qualify for the rate, you first need to have an EV that has a battery with at least 16 kilowatt-hours (kWh) of storage (some vehicles that have batteries this large are the Chevy Volt, Nissan Leaf, and Ford Focus EV; plug-in hybrid vehicles like the Ford Fusion Energi do not have batteries that qualify). Second, your main meter needs to be billed at Rate 10 or Rate 20, which you can verify on your billing statement. If you meet those requirements, there are two ways to participate. You may either install your own meter socket and charging station, or you may install a circuit and rent a pre-wired panel from AEL&P that includes a meter socket and charging station.

### Q: How do you measure the energy delivered to the EV?

All of the electricity you consume will pass through the main meter on your home or business. The portion of that energy that is recorded by the EV meter will be subtracted from the total energy metered by the main meter, and this difference is billed at the applicable rate for the main meter. The energy metered by the EV meter between 10PM and 5AM is billed at the EV rate.

### Q: Can I use my charging station during the day?

Yes. Your charging station will be available at all hours of the day, but you only receive the lower EV rate when charging between 10PM and 5AM.

### Q: How do I get signed up?

To sign up for Rate 93 or Rate 94 download and fill out the form available on our website: <https://www.aelp.com/Energy-Conservation/Electric-Vehicles> and mail the form to [service@aelp.com](mailto:service@aelp.com).

## Rate 93 Off-Peak Electric Vehicle Charging Questions:

### Q: If I am planning to install my own meter socket, what kind do I need?

The meter socket, also called a meter base, does not need to be fancy. In most cases, the simplest 100-amp, 4-jaw, 240-volt meter base will be the right choice. The meter base does not need to have a bypass or main breaker.



## Rate 93 (continued)

**Q:** If I'm planning to install my own meter socket and charging station, can I install the meter in my garage?

No. If you are going to install a permanently-wired meter base for the EV meter, it will need to be located in an exterior, accessible location in accordance with the meter location requirements identified on pages 11-12 of the document at this link: <https://www.aelp.com/Portals/0/Assets/Documents/ElecSvcReq.pdf>.

**Q:** Is there a fee for the EV meter?

No. If you install your own meter socket, AEL&P will install the EV meter once the installation has been inspected and approved by CBJ. There is no charge to have AEL&P install the meter, nor is there a monthly charge for the meter.

**Q:** If I am planning to install my own meter socket and charging station, do I need to get an electrical permit?

CBJ requires a permit for all new electrical circuits installed at a home or business. AEL&P will not install an EV meter at your home if the work is not inspected and approved by CBJ.

## Rate 94 Electric Vehicle Supply Equipment (EVSE) Rentals:

**Q:** How does the EV equipment rental work?

Assuming you qualify to receive the EV rate, to use the Rate 94 EVSE provided by AEL&P, you must install a 240-volt circuit and NEMA 14-50 receptacle to supply power for the EVSE. The AEL&P EVSE will plug into the NEMA 14-50 receptacle and can be mounted using pre-drilled mounting holes at the top and bottom of the aluminum back-panel.

**Q:** What comes with the Rate 94 EVSE?

The equipment supplied under the Rate 94 EVSE rental program includes a meter base, meter, and charging station pre-wired and mounted to an aluminum back panel. The device simply plugs into a NEMA 14-50 receptacle and the entire assembly mounts to a wall or post.

**Q:** How big is the EVSE?

The aluminum back panel measures 24" tall and 22" wide. The unit is 10" deep at the meter. The entire assembly weighs approximately 25 pounds, with much of the weight in the charge cable.



## Rate 94 (continued)

### Q: Does AEL&P come and install the panel?

No. Customers are responsible for providing the 240-volt circuit and NEMA 14-50 receptacle to power the EVSE, as well as hanging the panel on a wall, post or other suitable surface using the pre-drilled holes at the top and bottom centerline of the panel.

### Q: How do I starting renting a charging station from AEL&P?

Once we receive a completed form requesting a Rate 94 EVSE our meter department will configure your meter and we will contact you to give you the option of coming to our office to pick up the panel or our meter department will deliver the panel to your house at their convenience.

### Q: How long is the charging cable?

The charging cable on the Rate 94 EVSE is 25' long.

### Q: How close to the receptacle does the Rate 94 EVSE need to be?

The power cable on the Rate 94 EVSE is 4' long.

### Q: Can the Rate 94 EVSE be installed outside or in my garage?

Yes. All components of the Rate 94 EVSE are sealed against the elements are rated for use outside and are not hardwired, allowing you to easily plug-in inside your garage.

