

BOARD RESOLUTION NO. 2018-03

A RESOLUTION OF THE BOARD OF PUBLIC UTILITIES OF THE CITY OF RIVERSIDE, CALIFORNIA, (1) ADOPTING AND ESTABLISHING THE ELECTRIC RATE SCHEDULE EV, DOMESTIC ELECTRIC VEHICLE SEPARATELY METERED, EFFECTIVE JANUARY 1, 2019; AND (2) MAKING RELATED FINDINGS OF FACT

WHEREAS, the City of Riverside ("City") by and through its Public Utilities Department ("RPU") is obligated to (1) serve its water and electric customers safe, reliable and equitably priced water and electricity, (2) operate its Electric and Water Utilities in an efficient and economical manner, and (3) operate, maintain and preserve its Electric and Water Utilities in good repair and working order; and

WHEREAS, RPU is responsible for operating the Electric and Water Utilities in such a manner that revenues from the sale of electric and water shall at least equal the costs of operation, including all maintenance and operating, administrative and general, debt service, capital improvements, tax-related payments and other costs incurred in complying with prudent utility business practices; and

WHEREAS, the growth in the number of electric vehicles ("EVs") in California is well underway and is expected to continue. A recent report produced by Next 10 released in January 2018 reported that 4.5% of California's light-duty vehicle fleet were comprised of EVs. By the end of 2017, there were over 300,000 EVs in California. In Riverside, there are an estimated 2,000 light-duty EVs owned by residents and businesses; and

WHEREAS, transportation electrification has become a priority for the State of California to meet its near- and long-term climate change goals for reducing greenhouse gas emissions to 40% below 1990 levels by 2030. Executive orders have been issued by Governor Jerry Brown over the past several years (Executive Orders B-16-2012, B-32-15 and B-48-18) establishing goals for deployment of light-duty EVs in the State, including (i) 1.5 million electric vehicles on the road by 2025, and (ii) 5 million electric vehicles on the road by 2030; and

WHEREAS, on May 22, 2018, the City Council approved changes to the electric and water rates for fiscal years 2018/19 through 2022/23 with the first year of electric rates effective January 1, 2019. The electric rate changes included approval of the new Electric Schedule EV

1 Domestic Electric Vehicle Separately Metered (Schedule EV) rate, effective January 1, 2019;
2 and

3 WHEREAS, Schedule EV is an optional time of use rate specifically for residential
4 customers to meter qualified EV charging separately from their household energy consumption.
5 This rate option allows residents to have their household energy consumption remain on a
6 standard domestic electric rate while the EV charging is separately metered and billed based on
7 time of use pricing under Schedule EV. The off-peak pricing, under Schedule EV, encourages
8 residential customers to charge their EVs late at night and in the early morning when the system
9 load is lower and there is a lower demand on the electric distribution system; and

10 WHEREAS, upon adoption of Schedule EV, RPU restricted the household energy
11 consumption meter to be on the standard domestic electric rate of Schedule D Domestic Service.
12 At the time, it was not anticipated that residential customers on time of use rates or qualifying
13 under net energy metering (NEM) would be interested in a separately metered rate for their EV
14 charging since customers on time of use rates could already choose to charge their EV in the off
15 peak period and customers with solar, under net energy metering, could offset their EV energy
16 consumption with solar production; and

17 WHEREAS, since approval of Schedule EV, residential customers either already on or
18 considering changing to domestic time of use or net energy metering rates have inquired about
19 applying for Schedule EV. In response to customer inquiries, RPU has considered and
20 recommends changing the applicability of Schedule EV to include all domestic rate schedules as
21 an option for the residential home usage meter. This will allow customers on domestic time of
22 use rates, which have two tiers in each time period, to apply the EV energy consumption to
23 Schedule EV instead of their home usage meter and avoid reaching tier two of the household
24 time of use rate;

25 WHEREAS, offering Schedule NEM for the household energy usage, allows customers
26 with existing solar, or limited solar capacity, to separately meter new EV energy consumption
27 rather than add supplementary solar production; and
28

1 WHEREAS, the recommended changes also clarify that the separately metered EVs
2 cannot be served under Schedule NEM. The metering equipment and adapter to separately meter
3 the EV energy consumption is intended solely for the capacity of the EV charger and cannot
4 accommodate additional capacity; and

5 WHEREAS, RPU has provided the appropriate notification of the public hearing by
6 publishing the notice twice prior the public hearing. The proposed changes to Schedule EV will
7 go into effect consistent with prior City Council approval on January 1, 2019 following adoption
8 by the Board of Public Utilities and approval by the City Council; and

9 WHEREAS, the City's Board of Public Utilities ("Board") is charged by Section 1202(e)
10 of the City Charter to establish the rates for the Water Utility, subject to the approval of the City
11 Council; and

12 WHEREAS, a public hearing, notice of which was duly published in The Press-
13 Enterprise on November 11, 2018 and November 18, 2018, was commenced by the Board on the
14 proposed Electric Rate Schedule EV, Domestic Electric Vehicle Separately Metered, on
15 November 26, 2018, at 6:30 p.m. to receive and consider the staff report and oral and written
16 comments. After receipt and consideration thereof the Board concluded the public hearing; and

17 NOW, THEREFORE, BE IT RESOLVED by the Board of Public Utilities of the City of
18 Riverside, California, on the basis of the staff reports and the other evidence submitted by RPU
19 at the November 26, 2018 Board meeting, all incorporated herein by reference, as follows:

20 Section 1: The foregoing recitals are true and correct and are adopted and
21 incorporated herein by reference as findings of fact of this Board.

22 Section 2: On the basis of the evidence referenced herein, the Board hereby finds and
23 determines that the projected revenue generated by the Electric Rate Schedule EV, Domestic
24 Electric Vehicle Separately Metered, attached hereto as Exhibit A, and incorporated herein by
25 this reference, are for the purposes of (1) meeting operating expenses, including employee wage
26 and fringe benefits, (2) purchasing or leasing supplies, equipment or materials, (3) meeting
27 financial reserve needs and requirements, (4) obtaining funds for capital projects necessary to
28 maintain service within existing service areas, and (5) obtaining funds necessary to maintain

1 those intracity transfers which are authorized by the City Charter, and the increased rates are
2 exempt from the provisions of the California Environmental Quality Act (California Public
3 Resources Code sections 21000 et seq.) under Public Resources Code section 21080(b) (8).

4 Section 3: The Electric Rate Schedule EV, Domestic Electric Vehicle Separately
5 Metered is exempt from the voter approval requirements of Proposition 26, as adopted by voters
6 on November 2, 2010, because the rates are imposed for a specific government service provided
7 directly to the ratepayer that is not provided to those not charged and which does not exceed the
8 reasonable costs to the local government of providing the service.

9 Section 4: Electric Rate Schedule EV, Domestic Electric Vehicle Separately Metered,
10 attached hereto as Exhibit A, is hereby adopted and established under and pursuant to Section
11 1202(e) of the Charter of the City of Riverside, California, and have been approved by the City
12 Council of the City of Riverside, California.

13 Section 5: Electric Rate Schedule EV, Domestic Electric Vehicle Separately Metered,
14 shall become effective January 1, 2019.

15 ADOPTED by the Board of Public Utilities of the City of Riverside this 26th day of
16 November, 2018.

17
18
19 Jo Lynne Russo-Pereyra
20 Chair of the Board of Public Utilities,
City of Riverside, California

21 Attest:

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23
24 Secretary of the Board of Public Utilities
25 City of Riverside, California
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1 I, Todd Jorgenson, Secretary of the Board of Public Utilities of the City of Riverside,
2 California, hereby certify that the foregoing Resolution was duly and regularly introduced and
3 adopted by the Board of Public Utilities of said City at its meeting held on the 26th day of
4 November, 2018, to wit:

5 Ayes:

6
7
8 Noes:

9 Absent:

10 Abstain:

11
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13 IN WITNESS WHEREOF, I have hereunto set my hand this ____ day of November, 2018.

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16 Secretary to the Board of Public Utilities
17 City of Riverside, California
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EXHIBIT A

TO BOARD RESOLUTION

ELECTRIC RATE SCHEDULE, EV DOMESTIC

ELECTRIC VEHICLE SEPARATELY METERED ,

EFFECTIVE JANUARY 1, 2019

**SCHEDULE EV
DOMESTIC ELECTRIC VEHICLE SEPARATELY METERED**

Applicability:

Applicable exclusively to the charging of Electric Vehicles (EV) on a separate meter provided by the Utility in Single Family Dwelling Units concurrently served under a domestic schedule. The Customer is responsible for all costs associated with the equipment required under Special Condition 4. The separately metered service for EV charging under this schedule cannot be served under Schedule NEM.

Territory:

City of Riverside

Rates:

1. Flat Rate:

		Per Meter, Per Month Effective January 1,				
		2019	2020	2021	2022	2023
Customer Charge	Flat Charge	\$8.86	\$9.66	\$10.46	\$11.26	\$12.06

2. Energy Charge (to be added to customer charge):

		Per kWh Effective January 1,				
		2019	2020	2021	2022	2023
Winter Season						
On-Peak		\$0.1961	\$0.1983	\$0.2010	\$0.2037	\$0.2065
Mid-Peak		\$0.1378	\$0.1394	\$0.1412	\$0.1430	\$0.1451
Off-Peak		\$0.1047	\$0.1059	\$0.1073	\$0.1087	\$0.1102
Summer Season						
On-Peak		\$0.2614	\$0.2644	\$0.2679	\$0.2714	\$0.2753
Mid-Peak		\$0.1493	\$0.1510	\$0.1530	\$0.1550	\$0.1572
Off-Peak		\$0.1047	\$0.1059	\$0.1073	\$0.1087	\$0.1102

3. Optional Renewable Energy Rate:

Upon application by the Customer, the Customer can elect to receive 100% renewable energy from the Utility's portfolio of renewable resources. The Customer will be assessed \$0.0179 per kWh above the effective energy charges in this schedule which represents the forecasted cost of providing 100% renewable energy in place of the energy from the Utility's current portfolio of renewable and nonrenewable resources. This rate is not applicable to Customers receiving service under Schedule NEM.

4. Minimum Charge:

The minimum charge shall be the monthly customer charge.

Special Conditions:

1. Application and Eligibility for Service:

Upon application of service, Customers must show proof of ownership of an EV and a 240 volt level 2 charging station. Customers must comply with all City building and safety guidelines for a separately metered service for the 240 volt level 2 charging station. Customers must maintain ownership of EV to remain on this rate. Utility may ask for proof of continued ownership at any time.

2. Network Access Charge (NAC):

A Customer concurrently receiving separately metered service under Schedule EV and service under a domestic schedule will be billed at the Tier 3 NAC under the domestic schedule.

3. Time periods are defined as follows:

On-Peak: 2:00 p.m. to 7:00 p.m. every day during the summer season
4:00 p.m. to 9:00 p.m. every day during the winter season

Mid-Peak: 6:00 a.m. to 2:00 p.m. and 7:00 p.m. to 11:00 p.m. every day during the summer season
6:00 a.m. to 4:00 p.m. and 9:00 p.m. to 11:00 p.m. every day during the winter season

Off-Peak: 11:00 p.m. to 6:00 a.m. every day during the summer and winter season

Summer shall commence at 12:00 a.m. on June 1 and continue through September 30 of each year. Winter shall commence at 12:00 a.m. on October 1 of each year and continue through May 31 of the following year.

4. Metering:

The point of delivery must contain equipment to separately meter EV charging facilities. Where the Utility determines that the operation of the EV charging facilities may interfere with service to that Customer or other Customers, the Utility will install a load management device to control when EV charging will occur. The Customer shall supply, at no expense to the Utility, a suitable location for meters and associated equipment used for billing.

5. Terms of Service:

A Customer receiving service under this schedule may elect to change to another applicable rate schedule but only after receiving service on this schedule for at least 12 consecutive months. If a Customer elects to discontinue service on this schedule, the Customer will not be permitted to return to this schedule for a period of one year.

6. Interconnection:

Customers taking service under this schedule shall have no electrical interconnection beyond the Utility's point of delivery between electrical loads eligible for service under this schedule and any other electrical loads.

7. Power Cost Adjustment Factor:

The rates above are not subject to the Power Cost Adjustment Factor.

8. State Mandated Public Benefits Program:

The rates above are subject to a surcharge (Public Benefits Charge) as adopted via Resolution No. 19203 by the City Council on December 9, 1997 and such surcharge as is in effect from time to time. The Public Benefits Charge will be applied to the Customer's total electricity usage charges for the applicable billing period.

9. Applicable Rate Schedule:

a. Applicable Rate Schedule

For Customers applying for service at an existing service address, the Utility will assign the electric rate schedule based on the characteristics of the service address. The Utility will presume that any electric rate previously assigned to that service address is the appropriate schedule, unless Customer requests a review for another applicable rate schedule, rate, or optional provision. In certain situations when a Customer does not qualify for an electric rate previously assigned to that service address, the Utility will assign the applicable rate to the Customer. The Utility assumes no responsibility for advising the Customer of lower

optional rates under existing schedules available as a result of the Customer's changes to the characteristics of the service address.

b. Change of Rate Schedule

A change to the applicable rate schedule may be made if the Utility determines that the Customer no longer qualifies for the assigned rate schedule. Subject to meter availability, the change will become effective for service rendered after the next regular meter reading following verification and approval by the Utility of such eligibility. Any change in rate schedules pursuant to this section shall be made prospectively.