

Application: A.21-12-

Exhibit No.: SDG&E-

Witness: Ray Utama

PREPARED DIRECT TESTIMONY OF

RAY UTAMA

ON BEHALF OF SAN DIEGO GAS & ELECTRIC COMPANY

**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**



DECEMBER 17, 2021

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1 Company (“UDC”) rates and applicable EV-HP commodity rates. The EV-HP rates are
2 scheduled to be implemented and available on January 1, 2022.¹

3 SDG&E proposes two basic components to compensate EVs for energy exported to the
4 grid. Specifically, the proposed V2G-Export credit-for-export rate includes: 1) Variable Pricing
5 leveraging the California Independent System Operator (“CAISO”) day-ahead hourly market;
6 and 2) Peak Energy Payments (“PEP”) to incentivize exports during times of grid need. Both
7 components are further described below.

8 **A. CAISO Day-Ahead Hourly Prices**

9 SDG&E proposes to incorporate the CAISO day-ahead hourly market price as an energy
10 compensation (\$/kilowatt-hour[kWh]) that would be provided to customers on a day-ahead basis.
11 The CAISO day-ahead price will be based on the hourly Locational Marginal Prices (“LMP”) at
12 SDG&E’s Default Load Aggregation Point (“DLAP”), derived from the CAISO Open Access
13 Same-time Information System (“OASIS”) website.² Day-ahead hourly pricing will provide
14 adequate time to allow customers to plan whether to export to the grid and manage the rest of
15 their daily load.

16 **B. Peak Energy Payment**

17 SDG&E also proposes to incorporate the PEP as volumetric energy compensation
18 (\$/kWh) during peak grid events equal to the Critical Peak Pricing (“CPP”) Event Day Adders
19 based on marginal commodity costs. The PEP rates reflect the SDG&E marginal commodity

¹ D.20-12-023 adopted specific Schedule EECC and Schedule EECC-CPP-D commodity rates for EV-HP customers.

² California ISO, Oasis, available at <http://oasis.caiso.com/mrioasis/logon.do>.

1 costs in its 2019 General Rate Case (“GRC”) Phase 2.³ The PEP rates of approximately \$0.91 per
2 kWh are equal to the CPP Event Day Adders implemented for Schedule EV-HP customers
3 effective January 1, 2022, as shown in Schedule EECC CPP-D (Critical Peak Pricing Default)
4 for EV-HP customers. Peak grid events are to be called as described in Schedule EECC-CCP-D,
5 with a maximum of eighteen events per calendar year that can be triggered on any day of the
6 week.

7 **III. CONCLUSION**

8 SDG&E recommends that the Commission adopt the proposed V2G-Export rate,
9 including the components of CAISO day-ahead hourly price and PEP described above, as an
10 optional electric energy export compensation rate for EV customers taking service on Schedule
11 EV-HP.

12 This concludes my prepared direct testimony.
13

³ Application (“A.”) 19-03-002, Application of San Diego Gas & Electric Company (U 902 E) for Authority to Update Marginal Costs, Cost Allocation, and Electric Rate Design (March 4, 2019).

1 **IV. STATEMENT OF QUALIFICATIONS**

2 My name is Ray Utama and I am a Rate Strategy Project Manager II in the Customer
3 Pricing department for SDG&E. My business address is 8330 Century Park Court, San Diego,
4 California, 92123. I have held this position for approximately four months and have been
5 employed by the Sempra Energy family of companies for approximately 9 years. I received a
6 Bachelor of Science degree in Accountancy, with a minor in Economics, from the San Diego
7 State University in 2010. I am a Certified Public Accountant, licensed in the state of California.
8 I have previously testified before the Commission. In addition, I have previously submitted
9 testimony before the Federal Energy Regulatory Commission.