

Exhibit No.: SDGE-6  
Proceeding No.: A. 23-01-008  
Witness: William G. Saxe  
Date Served: September 29, 2023

**CHAPTER 6**  
**REVISED PREPARED DIRECT TESTIMONY**  
**OF WILLIAM G. SAXE**  
**ON BEHALF OF SAN DIEGO GAS & ELECTRIC COMPANY**  
**BEFORE THE PUBLIC UTILITIES COMMISSION**  
**OF THE STATE OF CALIFORNIA**

**September 29, 2023**



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1 **REVISED PREPARED DIRECT TESTIMONY OF**  
2 **WILLIAM G. SAXE**  
3 **(CHAPTER 6)**

4 **I. PURPOSE AND OVERVIEW**

5 The purpose of my revised prepared direct testimony is to provide San Diego Gas &  
6 Electric Company's (SDG&E) updated cost study and proposed rates for street lighting.  
7 Specifically, my testimony describes the updated cost study for street lighting used to develop  
8 street lighting distribution rates, as presented in the Street Lighting Model, that reflect:

- 9 • Updated street lighting determinants;
- 10 • Updated street lighting facilities and maintenance costs;
- 11 • Updated adjustment factors, such as escalation factors;
- 12 • Updated marginal distribution costs and revenue allocations as presented in the  
13 revised prepared direct testimony workpapers of SDG&E witness William G.  
14 Saxe (Chapter 4);
- 15 • Authorized distribution revenue requirement;<sup>1</sup> and
- 16 • Proposed Light Emitting Diode (LED) rates for Schedule OL-1 based on the LED  
17 conversion costs proposed in the prepared direct testimony of SDG&E witness  
18 Jeff Nightingale (Chapter 7).

19 In addition, the proposed street lighting rates presented in the Street Lighting Model  
20 reflect the proposed non-distribution street lighting rates proposed in this proceeding.

21 My testimony is organized as follows:

- 22 • **Section II — Background:** Describes the street lighting rate schedules, and the  
23 variation between rates within each schedule, and the street lighting rate  
24 components including the composition of distribution rates.
- 25 • **Section III — Street Lighting Cost Study:** Describes the updated cost study for  
26 street lighting, which provides the basis for street lighting distribution charges per  
27 lamp.

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<sup>1</sup> Authorized distribution revenues being recovered in authorized rates effective June 1, 2022, per SDG&E Advice Letter (AL) 4004-E.

- 1 • **Section IV — Street Lighting Model:** Describes one update to the Street  
2 Lighting Model to calculate Schedule OL-1 LED rates.
- 3 • **Section V — Summary and Conclusion.**
- 4 • **Section VI — Statement of Qualifications.**

5 My testimony also contains the following attachments:

- 6 • **Attachment A** — Comparison of Present and Illustrative Proposed Street  
7 Lighting Distribution Rates.
- 8 • **Attachment B** — Comparison of Present and Illustrative Proposed Street  
9 Lighting Utility Distribution Company (UDC) Rates.
- 10 • **Attachment C** — Comparison of Present and Illustrative Proposed Street  
11 Lighting Total Rates.

## 12 **II. BACKGROUND**

### 13 **A. Street Lighting Rate Schedules**

14 Street lighting consists of eight different rate schedules, each offering a distinctly  
15 different set of services. A summary of these schedules is provided below:

- 16 • Schedule LS-1 — Utility-Owned Street and Highway Street Light Installations:  
17 A schedule that provides utility-owned unmetered street lighting services on  
18 public and private streets.
- 19 • Schedule LS-2 — Customer-Owned Street and Highway Street Light  
20 Installations: A schedule that provides customer-owned unmetered street lighting  
21 services on highways and other thoroughfares accessible to the public.
- 22 • Schedule LS-2 DS — Customer-Owned Dimmable Installations: A schedule that  
23 provides customer-owned metered dimmable street lighting services on highways  
24 and other thoroughfares accessible to the public.
- 25 • Schedule LS-2 AD — Customer-Owned Ancillary Device Installations: A  
26 schedule that provides customer-owned metered street lighting services on  
27 highways and other thoroughfares accessible to the public, in conjunction with a  
28 metering control module for the use of ancillary devices located on street light  
29 poles.
- 30 • Schedule LS-3 — Customer-Owned Street and Highway Street Light  
31 Installations, Metered: A schedule that provides customer-owned metered street  
32 lighting services and is closed to new customers.

- 1 • Schedule OL-1 — Outdoor Area Lighting Service: A schedule that provides  
2 utility-owned unmetered outdoor lighting of areas where street and highway  
3 lighting services are not applicable.
- 4 • Schedule OL-2 — Customer-Owned Installations of Outdoor Area Lighting  
5 Service, Metered: A schedule that provides customer-owned metered lighting for  
6 sports and recreation areas.
- 7 • Schedule DWL — Residential Walkway Lighting: A schedule that provides  
8 utility-owned unmetered lighting along residential walkways for home-owners  
9 associations and other residential projects.

## 10 **B. Street Lighting Rate Variation**

11 Street lighting rate schedules LS-1, LS-2, OL-1 and DWL include rates for unmetered  
12 lamps. The lighting rates presented in these tariffs are on a per-lamp basis per month, and vary  
13 depending on lamp type (*i.e.*, high pressure sodium vapor, low pressure sodium vapor, metal  
14 halide, incandescent, induction, and LED), lamp and ballast wattage, and service level (which  
15 includes the ownership of the lamp and service options).

16 Street lighting rates for SDG&E-owned lamps on rate schedule LS-1 are dependent on  
17 the installation service selected. Schedule LS-1 has three installation service options:

- 18 • Class A — Applicable to conventional street lighting equipment mounted on  
19 wood poles in standard positions and supplied from overhead lines;
- 20 • Class B — Applicable to street lighting service where the customer pays the  
21 utility, in advance, for the difference between (1) estimated cost for the utility to  
22 install a concrete pole street lighting system, and (2) the cost for the utility to  
23 install the wood pole overhead system that would have been installed otherwise;  
24 and
- 25 • Class C — Applicable to street lighting service where the customer pays the  
26 utility, in advance, for the difference between (1) the estimated cost to the utility  
27 of the concrete pole street light system, and (2) the fixed investment of a concrete  
28 pole street light system, as determined by the utility. Pursuant to Decision (D.)  
29 17-08-030, LS-1 Class C was closed to new installations on July 1, 2018, per  
30 SDG&E AL 3226-E-A.

31 Street lighting rates for customer-owned lamps on rate schedule LS-2 are dependent on  
32 the maintenance service selected. Schedule LS-2 has two maintenance service options:

- 33 • Rate A — Utility service that does not include maintenance service; and

- Rate B — Utility service with limited maintenance service.

Lighting rate schedules LS-2 DS, LS-2 AD, LS-3, and OL-2 include rates for customer-owned metered lamps which are charged based on kilowatt-hour consumption. Lamps on rate schedule LS-3 are subject to a monthly minimum charge while lamps on rate schedule OL-2 are subject to a monthly basic service fee.

### **C. Street Lighting Rate Components**

SDG&E street lighting rates consist of ten different rate components including transmission, distribution, public purpose programs (PPP), nuclear decommissioning (ND), ongoing competition transition charge (CTC), local generation charge (LGC), reliability services (RS), Wildfire Non-Bypassable Charge (WF-NBC), Department of Water Resources Bond Charge (DWR-BC), and the electric energy commodity charge (EECC). With the exception of distribution, the monthly per lamp rate for each rate component is based on a kilowatt-hour per lamp usage assuming dusk to dawn operational hours of 4,165 hours per year. The assumption of dusk to dawn operations benefits street lighting customers because they receive lower cost allocations (since they are operating less during peak hours), resulting in lower rates. In addition, because street lighting is primarily unmetered, street lighting customers are not charged metering costs associated with customer costs, which results in lower rates.

The distribution rate cost components for street lighting includes facilities, maintenance, marginal distribution customer, and marginal distribution demand costs. Facilities and maintenance costs are directly assigned to street lighting and, therefore, are excluded from the marginal distribution costs and revenue allocations presented in the revised prepared direct testimony of SDG&E witness Saxe (Chapter 4). The distribution street lighting cost study, including facilities and maintenance costs, is described below.

1 **III. STREET LIGHTING COST STUDY**

2 The proposed street lighting distribution rates reflected in my testimony are based on the  
3 updated street lighting cost study used in the development of the proposed street lighting  
4 distribution rates. The updated cost study includes updated street lighting determinants, updated  
5 street lighting facilities and maintenance costs, updated adjustment factors such as escalation  
6 factors, updated street lighting marginal distribution customer and demand costs, revenue  
7 allocations as addressed in the revised prepared direct testimony of SDG&E witness Saxe  
8 (Chapter 4), and the currently authorized distribution revenue requirement.

9 Facilities costs reflect costs specific to street lighting that are included in the development  
10 of distribution rates. Facilities costs are collected in rates for SDG&E-owned street light  
11 installations. For rate schedule LS-1 Class A service, facilities costs include the cost for a  
12 standard street light assembly, which includes materials, labor, and transportation. For LS-1  
13 Class B and Class C, facilities costs include an average of the costs for a variety of underground  
14 and ornamental assemblies, and factors in Contributions in Aid of Construction (CIAC) made by  
15 customers.

16 Maintenance costs are collected in rates for SDG&E-owned street light installations and  
17 for customer-owned street light installations where customers have opted to receive limited  
18 maintenance service. Maintenance service includes costs for renewal of lamps, replacement of  
19 glassware and luminaire equipment, and cleaning of glassware at the time of lamp replacement.

20 The facilities, maintenance, marginal distribution customer, and marginal distribution  
21 demand costs are escalated into 2024 dollars based on the escalation factors consistent with

1 SDG&E's Test Year (TY) 2024 GRC Phase 1.<sup>2,3</sup> Facilities and maintenance costs are directly  
2 assigned to street lighting whereas marginal distribution customer and demand costs are scaled  
3 by a multiplier in the Street Lighting Model to ensure recovery of the street lighting authorized  
4 distribution revenue requirement. Illustrative street lighting rates reflecting the updated costs are  
5 presented in Attachments A, B, and C, attached herein.

#### 6 **IV. STREET LIGHTING MODEL**

7 The Street Lighting Model presents the proposed street lighting rates in this proceeding.  
8 The distribution rates are developed in this model whereas the non-distribution rates  
9 (transmission, PPP, ND, CTC, LGC, RS, WF-NBC, DWR-BC, and EECC) are developed in the  
10 Consolidated Model for street lighting customers, with the proposed rates by lighting type then  
11 presented in the Street Lighting Model. The development of the distribution rates reflects  
12 changes to the street lighting determinants, costs, and adjustment factors from the lighting cost  
13 study.

14 The Street Lighting Model reflects one change to calculate Schedule OL-1 LED rates. In  
15 the 2019 GRC Phase 2 Settlement Agreement, as adopted in D.21-07-010, SDG&E agreed to  
16 propose the conversion of OL-1 lamps to LED technology in this GRC Phase 2 proceeding.<sup>4</sup>  
17 The prepared direct testimony of SDG&E witness Jeff Nightingale (Chapter 7) presents the  
18 process for converting OL-1 lamps to LED, including the costs associated with the LED  
19 conversion. The proposed OL-1 rates calculated in the Street Lighting Model and presented in  
20 Attachments A-C of this testimony are based on the LED conversion costs addressed in the

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<sup>2</sup> Application (A.) 22-05-016, SDG&E Prepared Direct Testimony of Scott Wilder (Cost Escalation) (May 2022), Exhibit SDG&E-41.

<sup>3</sup> Costs are escalated into 2024 dollars because SDG&E is proposing that the rates to recover updated 2024 GRC Phase 2 costs be implemented in 2024, as stated in the revised prepared direct testimony of SDG&E witness Samantha Pate (Chapter 1).

<sup>4</sup> D.21-07-010 Appendix B, 2.2.15 LED Lamp Conversion, at 16.



1 prepared direct testimony of SDGE witness Mr. Nightingale. Consistent with all lighting costs,  
2 including the LS-1 LED costs, the OL-1 LED costs are scaled by a multiplier in the Street  
3 Lighting Model to ensure recovery of the street lighting authorized distribution revenue  
4 requirement.

## 5 **V. SUMMARY AND CONCLUSION**

6 SDG&E recommends that the California Public Utilities Commission (CPUC) adopt the  
7 proposed street lighting rates in this filing based on the Street Lighting Cost Study and Street  
8 Lighting Model addressed in my testimony. The Street Lighting Cost Study incorporates  
9 changes to determinants, costs, and load factors used to develop street lighting distribution rates.  
10 The Street Lighting Model reflects updates, including the addition of LED rates for Schedule  
11 OL-1.

12 This concludes my revised prepared direct testimony.

1 **VI. STATEMENT OF QUALIFICATIONS**

2 My name is William G. Saxe. My business address is 8330 Century Park Court, San  
3 Diego, California 92123. I am employed as the Rates & Cost Studies Project Manager in the  
4 Customer Pricing Department of SDG&E. I have worked for SDG&E since February 2001.  
5 Prior to joining SDG&E, I was employed by Sempra Energy, the parent company of SDG&E,  
6 from April 1999 through January 2001. In addition, I was employed by the Illinois Commerce  
7 Commission (ICC) from September 1990 through April 1999.

8 I received a Bachelor of Science degree in Economics from the University of Wisconsin-  
9 Madison in 1985. I received a Master of Business Administration degree, with a concentration  
10 in Finance, from the University of Wisconsin-Madison in 1990.

11 I have previously testified before this CPUC on rate design, marginal costs, and other  
12 issues. In addition, I have previously submitted testimony before the Federal Energy Regulatory  
13 Commission (FERC) and the ICC.

## **ATTACHMENT A**

Comparison of Present and Illustrative Proposed Street Lighting Distribution Rates

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT A**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING DISTRIBUTION RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT DISTRIBUTION RATE (\$/Lamp) (C)	2024 DISTRIBUTION RATE (\$/Lamp) (D)		
1	LS-1, Mercury Vapor, Class A, Reactor Ballast					
2	175	7000	14.97	17.23	2.26	15.1%
3	LS-1, Mercury Vapor, Class A, Regulator Ballast					
4	175	7000	15.68	17.95	2.27	14.5%
5	400	20000	28.04	31.27	3.23	11.5%
6	LS-1, HPSV, Class A, Reactor Ballast					
7	70	5800	9.98	11.23	1.25	12.5%
8	100	9500	11.45	12.67	1.22	10.7%
9	150	16000	13.55	14.88	1.33	9.8%
10	LS-1, HPSV, Class A, Regulator Ballast					
11	200	22000	17.04	18.48	1.44	8.5%
12	250	30000	20.15	21.55	1.40	6.9%
13	400	50000	26.38	27.83	1.45	5.5%
14	LS-1, HPSV, Class B, 1-Lamp, Reactor Ballast					
15	70	5800	10.34	11.87	1.53	14.8%
16	100	9500	11.87	13.59	1.72	14.5%
17	150	16000	13.81	15.36	1.55	11.2%
18	LS-1, HPSV, Class B, 1-Lamp, Regulator Ballast					
19	200	22000	17.21	18.67	1.46	8.5%
20	250	30000	20.34	22.40	2.06	10.1%
21	400	50000	26.48	28.96	2.48	9.4%
22	LS-1, HPSV, Class B, 2-Lamp, Reactor Ballast					
23	70	5800	9.18	10.36	1.18	12.9%
24	100	9500	10.65	12.18	1.53	14.4%
25	150	16000	12.75	14.37	1.62	12.7%
26	LS-1, HPSV, Class B, 2-Lamp, Regulator Ballast					
27	200	22000	16.24	18.48	2.24	13.8%
28	250	30000	19.44	21.92	2.48	12.8%
29	400	50000	25.57	26.95	1.38	5.4%
30	LS-1, HPSV, Class C, 1-Lamp, Reactor Ballast					
31	70	5800	14.12	15.48	1.36	9.6%
32	100	9500	15.54	17.15	1.61	10.4%
33	150	16000	17.49	18.88	1.39	7.9%
34	LS-1, HPSV, Class C, 1-Lamp, Regulator Ballast					
35	200	22000	21.77	23.10	1.33	6.1%
36	250	30000	24.44	26.46	2.02	8.3%
37	400	50000	32.18	34.77	2.59	8.0%
38	LS-1, HPSV, Class C, 2-Lamp, Reactor Ballast					
39	70	5800	10.05	11.82	1.77	17.6%
40	100	9500	11.71	13.93	2.22	19.0%
41	150	16000	13.61	15.69	2.08	15.3%
42	LS-1, HPSV, Class C, 2-Lamp, Regulator Ballast					
43	200	22000	16.50	19.36	2.86	17.3%
44	250	30000	20.26	23.52	3.26	16.1%
45	400	50000	25.92	27.19	1.27	4.9%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
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LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT DISTRIBUTION RATE (\$/Lamp) (C)	2024 DISTRIBUTION RATE (\$/Lamp) (D)		
46	LS-1, LPSV, Class A					
47	55	8000	13.02	14.14	1.12	8.6%
48	90	13500	15.95	17.39	1.44	9.0%
49	135	22500	19.04	20.46	1.42	7.5%
50	180	33000	21.25	23.59	2.34	11.0%
51	LS-1, LPSV, Class B, 1-Lamp					
52	55	8000	13.33	15.03	1.70	12.8%
53	90	13500	16.26	18.28	2.02	12.4%
54	135	22500	19.20	21.35	2.15	11.2%
55	180	33000	21.41	24.48	3.07	14.3%
56	LS-1, LPSV, Class B, 2-Lamp					
57	55	8000	12.71	14.33	1.62	12.7%
58	90	13500	15.64	17.58	1.94	12.4%
59	135	22500	18.92	21.54	2.62	13.8%
60	180	33000	21.12	24.67	3.55	16.8%
61	LS-1, LPSV, Class C, 1-Lamp					
62	55	8000	16.19	17.95	1.76	10.9%
63	90	13500	18.69	20.53	1.84	9.8%
64	135	22500	22.35	24.46	2.11	9.4%
65	180	33000	23.88	26.11	2.23	9.3%
66	LS-1, LPSV, Class C, 2-Lamp					
67	55	8000	12.74	14.37	1.63	12.8%
68	90	13500	15.69	17.66	1.97	12.6%
69	135	22500	19.20	21.24	2.04	10.6%
70	180	33000	21.15	24.73	3.58	16.9%
71	LS-1, Metal Halide, Class A					
72	100	8500	10.84	12.53	1.69	15.6%
73	175	12000	13.78	15.54	1.76	12.8%
74	250	18000	17.04	18.89	1.85	10.9%
75	400	32000	23.65	25.78	2.13	9.0%
76	LS-1, Metal Halide, Class B					
77	100	8500	11.50	13.42	1.92	16.7%
78	175	12000	14.44	16.42	1.98	13.7%
79	250	18000	17.70	19.78	2.08	11.8%
80	400	32000	24.31	26.67	2.36	9.7%
81	LS-1, Metal Halide, Class C					
82	100	8500	21.67	26.50	4.83	22.3%
83	175	12000	24.61	29.50	4.89	19.9%
84	250	18000	27.87	32.86	4.99	17.9%
85	400	32000	34.48	39.75	5.27	15.3%
86	LS-1 Pole in Non-Standard Position					
87	30-foot		5.86	4.74	(1.12)	-19.1%
88	35-foot		5.90	4.80	(1.10)	-18.6%

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LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE	% CHANGE
	WATTS (A)	LUMENS (B)	PRESENT DISTRIBUTION RATE (\$/Lamp) (C)	2024 DISTRIBUTION RATE (\$/Lamp) (D)		
89	LS-1, LED, Rate A, Energy, 1-Lamp					
90	2.5		9.46	6.87	(2.59)	-27.4%
91	7.5		9.46	6.87	(2.59)	-27.4%
92	12.5		9.46	6.87	(2.59)	-27.4%
93	17.5		9.46	6.87	(2.59)	-27.4%
94	22.5		9.46	6.87	(2.59)	-27.4%
95	27.5		9.46	6.87	(2.59)	-27.4%
96	32.5		9.46	7.56	(1.90)	-20.1%
97	37.5		9.46	7.56	(1.90)	-20.1%
98	42.5		9.83	7.95	(1.88)	-19.1%
99	47.5		9.83	7.95	(1.88)	-19.1%
100	52.5		9.83	7.95	(1.88)	-19.1%
101	57.5		9.83	7.95	(1.88)	-19.1%
102	62.5		9.83	7.95	(1.88)	-19.1%
103	67.5		9.83	7.95	(1.88)	-19.1%
104	72.5		11.01	9.63	(1.38)	-12.5%
105	77.5		11.01	9.63	(1.38)	-12.5%
106	82.5		11.01	9.63	(1.38)	-12.5%
107	87.5		11.01	9.63	(1.38)	-12.5%
108	92.5		11.01	9.63	(1.38)	-12.5%
109	97.5		11.01	9.63	(1.38)	-12.5%
110	102.5		12.19	11.13	(1.06)	-8.7%
111	107.5		12.19	11.13	(1.06)	-8.7%
112	112.5		12.19	11.13	(1.06)	-8.7%
113	117.5		12.19	11.13	(1.06)	-8.7%
114	122.5		12.19	11.13	(1.06)	-8.7%
115	127.5		12.19	11.13	(1.06)	-8.7%
116	132.5		12.19	11.13	(1.06)	-8.7%
117	137.5		12.19	11.13	(1.06)	-8.7%
118	142.5		12.19	11.13	(1.06)	-8.7%
119	147.5		12.19	11.13	(1.06)	-8.7%
120	152.5		12.19	11.13	(1.06)	-8.7%
121	157.5		12.19	11.13	(1.06)	-8.7%
122	162.5		12.19	11.13	(1.06)	-8.7%
123	167.5		12.19	11.13	(1.06)	-8.7%
124	172.5		12.19	11.13	(1.06)	-8.7%
125	177.5		15.38	14.38	(1.00)	-6.5%
126	182.5		15.38	14.38	(1.00)	-6.5%
127	187.5		15.38	14.38	(1.00)	-6.5%
128	192.5		15.38	14.38	(1.00)	-6.5%
129	197.5		15.38	14.38	(1.00)	-6.5%
130	202.5		15.38	14.38	(1.00)	-6.5%
131	207.5		15.38	14.38	(1.00)	-6.5%
132	212.5		15.38	14.38	(1.00)	-6.5%
133	217.5		15.38	14.38	(1.00)	-6.5%
134	222.5		15.38	14.38	(1.00)	-6.5%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT A  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING DISTRIBUTION RATES**

LINE NO.	DESCRIPTION		1/1/2023 PRESENT DISTRIBUTION RATE (\$/Lamp) (C)	PROPOSED 2024 DISTRIBUTION RATE (\$/Lamp) (D)	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)				
135	227.5		15.38	14.38	(1.00)	-6.5%
136	232.5		15.38	14.38	(1.00)	-6.5%
137	237.5		15.38	14.38	(1.00)	-6.5%
138	242.5		15.38	14.38	(1.00)	-6.5%
139	247.5		15.38	14.38	(1.00)	-6.5%
140	252.5		15.38	14.38	(1.00)	-6.5%
141	257.5		15.38	14.38	(1.00)	-6.5%
142	262.5		15.38	14.38	(1.00)	-6.5%
143	267.5		15.38	14.38	(1.00)	-6.5%
144	272.5		15.38	14.38	(1.00)	-6.5%
145	277.5		15.38	14.38	(1.00)	-6.5%
146	282.5		15.38	14.38	(1.00)	-6.5%
147	287.5		15.38	14.38	(1.00)	-6.5%
148	292.5		15.38	14.38	(1.00)	-6.5%
149	297.5		15.38	14.38	(1.00)	-6.5%
150	302.5		15.38	14.38	(1.00)	-6.5%
151	307.5		15.38	14.38	(1.00)	-6.5%
152	312.5		15.38	14.38	(1.00)	-6.5%
153	317.5		15.38	14.38	(1.00)	-6.5%
154	322.5		15.38	14.38	(1.00)	-6.5%
155	327.5		15.38	14.38	(1.00)	-6.5%
156	332.5		15.38	14.38	(1.00)	-6.5%
157	337.5		15.38	14.38	(1.00)	-6.5%
158	342.5		15.38	14.38	(1.00)	-6.5%
159	347.5		15.38	14.38	(1.00)	-6.5%
160	352.5		15.38	14.38	(1.00)	-6.5%
161	357.5		15.38	14.38	(1.00)	-6.5%
162	362.5		15.38	14.38	(1.00)	-6.5%
163	367.5		15.38	14.38	(1.00)	-6.5%
164	372.5		15.38	14.38	(1.00)	-6.5%
165	377.5		15.38	14.38	(1.00)	-6.5%
166	382.5		15.38	14.38	(1.00)	-6.5%
167	387.5		15.38	14.38	(1.00)	-6.5%
168	392.5		15.38	14.38	(1.00)	-6.5%
169	397.5		15.38	14.38	(1.00)	-6.5%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT A  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING DISTRIBUTION RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE	% CHANGE
	WATTS (A)	LUMENS (B)	PRESENT DISTRIBUTION RATE (\$/Lamp) (C)	2024 DISTRIBUTION RATE (\$/Lamp) (D)		
170	LS-1, LED, Rate B, Energy, 1-Lamp					
171	2.5		9.82	6.87	(2.95)	-30.0%
172	7.5		9.82	6.87	(2.95)	-30.0%
173	12.5		9.82	6.87	(2.95)	-30.0%
174	17.5		9.82	6.87	(2.95)	-30.0%
175	22.5		9.82	6.87	(2.95)	-30.0%
176	27.5		9.82	6.87	(2.95)	-30.0%
177	32.5		9.82	7.56	(2.26)	-23.0%
178	37.5		9.82	7.56	(2.26)	-23.0%
179	42.5		10.25	7.95	(2.30)	-22.4%
180	47.5		10.25	7.95	(2.30)	-22.4%
181	52.5		10.25	7.95	(2.30)	-22.4%
182	57.5		10.25	7.95	(2.30)	-22.4%
183	62.5		10.25	7.95	(2.30)	-22.4%
184	67.5		10.25	7.95	(2.30)	-22.4%
185	72.5		11.27	9.63	(1.64)	-14.6%
186	77.5		11.27	9.63	(1.64)	-14.6%
187	82.5		11.27	9.63	(1.64)	-14.6%
188	87.5		11.27	9.63	(1.64)	-14.6%
189	92.5		11.27	9.63	(1.64)	-14.6%
190	97.5		11.27	9.63	(1.64)	-14.6%
191	102.5		12.36	11.13	(1.23)	-10.0%
192	107.5		12.36	11.13	(1.23)	-10.0%
193	112.5		12.36	11.13	(1.23)	-10.0%
194	117.5		12.36	11.13	(1.23)	-10.0%
195	122.5		12.36	11.13	(1.23)	-10.0%
196	127.5		12.36	11.13	(1.23)	-10.0%
197	132.5		12.36	11.13	(1.23)	-10.0%
198	137.5		12.36	11.13	(1.23)	-10.0%
199	142.5		12.36	11.13	(1.23)	-10.0%
200	147.5		12.36	11.13	(1.23)	-10.0%
201	152.5		12.36	11.13	(1.23)	-10.0%
202	157.5		12.36	11.13	(1.23)	-10.0%
203	162.5		12.36	11.13	(1.23)	-10.0%
204	167.5		12.36	11.13	(1.23)	-10.0%
205	172.5		12.36	11.13	(1.23)	-10.0%
206	177.5		15.48	14.38	(1.10)	-7.1%
207	182.5		15.48	14.38	(1.10)	-7.1%
208	187.5		15.48	14.38	(1.10)	-7.1%
209	192.5		15.48	14.38	(1.10)	-7.1%
210	197.5		15.48	14.38	(1.10)	-7.1%
211	202.5		15.48	14.38	(1.10)	-7.1%
212	207.5		15.48	14.38	(1.10)	-7.1%
213	212.5		15.48	14.38	(1.10)	-7.1%
214	217.5		15.48	14.38	(1.10)	-7.1%
215	222.5		15.48	14.38	(1.10)	-7.1%



**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT A  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING DISTRIBUTION RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT DISTRIBUTION RATE (\$/Lamp) (C)	2024 DISTRIBUTION RATE (\$/Lamp) (D)		
216	227.5		15.48	14.38	(1.10)	-7.1%
217	232.5		15.48	14.38	(1.10)	-7.1%
218	237.5		15.48	14.38	(1.10)	-7.1%
219	242.5		15.48	14.38	(1.10)	-7.1%
220	247.5		15.48	14.38	(1.10)	-7.1%
221	252.5		15.48	14.38	(1.10)	-7.1%
222	257.5		15.48	14.38	(1.10)	-7.1%
223	262.5		15.48	14.38	(1.10)	-7.1%
224	267.5		15.48	14.38	(1.10)	-7.1%
225	272.5		15.48	14.38	(1.10)	-7.1%
226	277.5		15.48	14.38	(1.10)	-7.1%
227	282.5		15.48	14.38	(1.10)	-7.1%
228	287.5		15.48	14.38	(1.10)	-7.1%
229	292.5		15.48	14.38	(1.10)	-7.1%
230	297.5		15.48	14.38	(1.10)	-7.1%
231	302.5		15.48	14.38	(1.10)	-7.1%
232	307.5		15.48	14.38	(1.10)	-7.1%
233	312.5		15.48	14.38	(1.10)	-7.1%
234	317.5		15.48	14.38	(1.10)	-7.1%
235	322.5		15.48	14.38	(1.10)	-7.1%
236	327.5		15.48	14.38	(1.10)	-7.1%
237	332.5		15.48	14.38	(1.10)	-7.1%
238	337.5		15.48	14.38	(1.10)	-7.1%
239	342.5		15.48	14.38	(1.10)	-7.1%
240	347.5		15.48	14.38	(1.10)	-7.1%
241	352.5		15.48	14.38	(1.10)	-7.1%
242	357.5		15.48	14.38	(1.10)	-7.1%
243	362.5		15.48	14.38	(1.10)	-7.1%
244	367.5		15.48	14.38	(1.10)	-7.1%
245	372.5		15.48	14.38	(1.10)	-7.1%
246	377.5		15.48	14.38	(1.10)	-7.1%
247	382.5		15.48	14.38	(1.10)	-7.1%
248	387.5		15.48	14.38	(1.10)	-7.1%
249	392.5		15.48	14.38	(1.10)	-7.1%
250	397.5		15.48	14.38	(1.10)	-7.1%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT A  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING DISTRIBUTION RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE	% CHANGE
	WATTS (A)	LUMENS (B)	PRESENT DISTRIBUTION RATE (\$/Lamp) (C)	2024 DISTRIBUTION RATE (\$/Lamp) (D)		
251	LS-1, LED, Rate B, Energy, 2-Lamp					
252	2.5		5.50	4.95	(0.55)	-10.0%
253	7.5		5.50	4.95	(0.55)	-10.0%
254	12.5		5.50	4.95	(0.55)	-10.0%
255	17.5		5.50	4.95	(0.55)	-10.0%
256	22.5		5.50	4.95	(0.55)	-10.0%
257	27.5		5.50	4.95	(0.55)	-10.0%
258	32.5		5.50	5.64	0.14	2.5%
259	37.5		5.50	5.64	0.14	2.5%
260	42.5		5.86	6.02	0.16	2.7%
261	47.5		5.86	6.02	0.16	2.7%
262	52.5		5.86	6.02	0.16	2.7%
263	57.5		5.86	6.02	0.16	2.7%
264	62.5		5.86	6.02	0.16	2.7%
265	67.5		5.86	6.02	0.16	2.7%
266	72.5		6.72	7.66	0.94	14.0%
267	77.5		6.72	7.66	0.94	14.0%
268	82.5		6.72	7.66	0.94	14.0%
269	87.5		6.72	7.66	0.94	14.0%
270	92.5		6.72	7.66	0.94	14.0%
271	97.5		6.72	7.66	0.94	14.0%
272	102.5		7.98	9.11	1.13	14.2%
273	107.5		7.98	9.11	1.13	14.2%
274	112.5		7.98	9.11	1.13	14.2%
275	117.5		7.98	9.11	1.13	14.2%
276	122.5		7.98	9.11	1.13	14.2%
277	127.5		7.98	9.11	1.13	14.2%
278	132.5		7.98	9.11	1.13	14.2%
279	137.5		7.98	9.11	1.13	14.2%
280	142.5		7.98	9.11	1.13	14.2%
281	147.5		7.98	9.11	1.13	14.2%
282	152.5		7.98	9.11	1.13	14.2%
283	157.5		7.98	9.11	1.13	14.2%
284	162.5		7.98	9.11	1.13	14.2%
285	167.5		7.98	9.11	1.13	14.2%
286	172.5		7.98	9.11	1.13	14.2%
287	177.5		10.41	12.34	1.93	18.5%
288	182.5		10.41	12.34	1.93	18.5%
289	187.5		10.41	12.34	1.93	18.5%
290	192.5		10.41	12.34	1.93	18.5%
291	197.5		10.41	12.34	1.93	18.5%
292	202.5		10.41	12.34	1.93	18.5%
293	207.5		10.41	12.34	1.93	18.5%
294	212.5		10.41	12.34	1.93	18.5%
295	217.5		10.41	12.34	1.93	18.5%
296	222.5		10.41	12.34	1.93	18.5%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT A**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING DISTRIBUTION RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT DISTRIBUTION RATE (\$/Lamp) (C)	2024 DISTRIBUTION RATE (\$/Lamp) (D)		
297	227.5		10.41	12.34	1.93	18.5%
298	232.5		10.41	12.34	1.93	18.5%
299	237.5		10.41	12.34	1.93	18.5%
300	242.5		10.41	12.34	1.93	18.5%
301	247.5		10.41	12.34	1.93	18.5%
302	252.5		10.41	12.34	1.93	18.5%
303	257.5		10.41	12.34	1.93	18.5%
304	262.5		10.41	12.34	1.93	18.5%
305	267.5		10.41	12.34	1.93	18.5%
306	272.5		10.41	12.34	1.93	18.5%
307	277.5		10.41	12.34	1.93	18.5%
308	282.5		10.41	12.34	1.93	18.5%
309	287.5		10.41	12.34	1.93	18.5%
310	292.5		10.41	12.34	1.93	18.5%
311	297.5		10.41	12.34	1.93	18.5%
312	302.5		10.41	12.34	1.93	18.5%
313	307.5		10.41	12.34	1.93	18.5%
314	312.5		10.41	12.34	1.93	18.5%
315	317.5		10.41	12.34	1.93	18.5%
316	322.5		10.41	12.34	1.93	18.5%
317	327.5		10.41	12.34	1.93	18.5%
318	332.5		10.41	12.34	1.93	18.5%
319	337.5		10.41	12.34	1.93	18.5%
320	342.5		10.41	12.34	1.93	18.5%
321	347.5		10.41	12.34	1.93	18.5%
322	352.5		10.41	12.34	1.93	18.5%
323	357.5		10.41	12.34	1.93	18.5%
324	362.5		10.41	12.34	1.93	18.5%
325	367.5		10.41	12.34	1.93	18.5%
326	372.5		10.41	12.34	1.93	18.5%
327	377.5		10.41	12.34	1.93	18.5%
328	382.5		10.41	12.34	1.93	18.5%
329	387.5		10.41	12.34	1.93	18.5%
330	392.5		10.41	12.34	1.93	18.5%
331	397.5		10.41	12.34	1.93	18.5%
332	LS-2, Mercury Vapor, Rate A, Regulator Ballast					
333	175	7000	8.24	8.42	0.18	2.2%
334	250	10000	11.45	11.70	0.25	2.2%
335	400	20000	18.04	18.43	0.39	2.2%
336	700	35000	30.59	31.26	0.67	2.2%
337	1000	55000	43.22	44.16	0.94	2.2%
338	LS-2, Mercury Vapor, Rate A, Reactor Ballast					
339	175	7000	7.53	7.69	0.16	2.1%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT A**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING DISTRIBUTION RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT DISTRIBUTION RATE (\$/Lamp) (C)	2024 DISTRIBUTION RATE (\$/Lamp) (D)		
340	LS-2, Mercury Vapor, Rate A, Series Service					
341	175	7000	13.27	14.34	1.07	8.1%
342	250	10000	16.03	17.32	1.29	8.0%
343	400	20000	28.53	30.82	2.29	8.0%
344	700	35000	50.01	54.03	4.02	8.0%
345	LS-2, Mercury Vapor, Rate B, Regulator Ballast					
346	175	7000	9.99	10.62	0.63	6.3%
347	250	10000	13.21	13.90	0.69	5.2%
348	400	20000	19.79	20.64	0.85	4.3%
349	LS-2, Mercury Vapor, Rate B, Series Service					
350	175	7000	15.02	16.54	1.52	10.1%
351	LS-2, HPSV, Rate A, Energy, Regulator Ballast					
352	50	4000	2.27	2.32	0.05	2.2%
353	70	5800	3.96	4.05	0.09	2.3%
354	100	9500	5.53	5.65	0.12	2.2%
355	150	16000	7.57	7.73	0.16	2.1%
356	200	22000	9.65	9.86	0.21	2.2%
357	250	30000	12.27	12.54	0.27	2.2%
358	310	37000	15.02	15.35	0.33	2.2%
359	400	50000	18.67	19.08	0.41	2.2%
360	1000	140000	43.22	44.16	0.94	2.2%
361	LS-2, HPSV, Rate A, Energy, Reactor Ballast					
362	50	4000	1.96	2.00	0.04	2.0%
363	70	5800	3.25	3.33	0.08	2.5%
364	100	9500	4.59	4.69	0.10	2.2%
365	150	16000	6.71	6.85	0.14	2.1%
366	LS-2, HPSV, Rate A, Series Service					
367	50	4,000	4.10	4.43	0.33	8.0%
368	70	5800	6.92	7.48	0.56	8.1%
369	100	9500	7.76	8.38	0.62	8.0%
370	150	16000	11.15	12.05	0.90	8.1%
371	200	22000	14.94	16.14	1.20	8.0%
372	250	30000	20.07	21.68	1.61	8.0%
373	LS-2, HPSV, Rate B, Regulator Ballast					
374	50	4000	4.03	4.53	0.50	12.4%
375	70	5800	5.72	6.25	0.53	9.3%
376	100	9500	7.28	7.85	0.57	7.8%
377	150	16000	9.32	9.94	0.62	6.7%
378	200	22000	11.40	12.06	0.66	5.8%
379	250	30000	14.03	14.75	0.72	5.1%
380	310	37000	16.77	17.55	0.78	4.7%
381	400	50000	20.42	21.28	0.86	4.2%
382	1000	140000	44.97	46.36	1.39	3.1%
383	LS-2, HPSV, Rate B, Reactor Ballast					
384	50	4000	3.72	4.21	0.49	13.2%
385	70	5800	5.01	5.53	0.52	10.4%
386	100	9500	6.34	6.89	0.55	8.7%
387	150	16000	8.46	9.06	0.60	7.1%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT A  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING DISTRIBUTION RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT DISTRIBUTION RATE (\$/Lamp) (C)	2024 DISTRIBUTION RATE (\$/Lamp) (D)		
388	LS-2, HPSV, Rate B, Series Service					
389	50	4,000	5.86	6.64	0.78	13.3%
390	70	5800	8.68	9.68	1.00	11.5%
391	100	9500	9.51	10.58	1.07	11.3%
392	150	16000	12.91	14.26	1.35	10.5%
393	200	22000	16.69	18.34	1.65	9.9%
394	250	30000	21.82	23.88	2.06	9.4%
395	LS-2, LPSV, Rate A					
396	35	4800	2.63	2.68	0.05	1.9%
397	55	8000	3.45	3.53	0.08	2.3%
398	90	13500	5.69	5.81	0.12	2.1%
399	135	22500	8.08	8.26	0.18	2.2%
400	180	33000	9.22	9.42	0.20	2.2%
401	LS-2, LPSV, Rate A, Series Service					
402	35	4800	3.21	3.46	0.25	7.8%
403	55	8,000	4.62	4.99	0.37	8.0%
404	90	13,500	8.33	9.00	0.67	8.0%
405	135	22,500	11.86	12.81	0.95	8.0%
406	180	33,000	14.04	15.17	1.13	8.0%
407	LS-2, Incandescent Lamps, Rate A, Energy Only					
408		1000	2.86	2.93	0.07	2.4%
409		2,500	6.35	6.49	0.14	2.2%
410		4000	11.57	11.82	0.25	2.2%
411		6000	15.88	16.23	0.35	2.2%
412		10000	23.84	24.36	0.52	2.2%
413	LS-2, Incandescent Lamps, Rate B					
414		6000	17.64	18.43	0.79	4.5%
415	LS-2, Metal Halide, Rate A					
416	50	2100	2.67	2.73	0.06	2.2%
417	100	8500	5.18	5.29	0.11	2.1%
418	175	12000	8.12	8.30	0.18	2.2%
419	250	18000	11.29	11.54	0.25	2.2%
420	400	32000	17.41	17.79	0.38	2.2%
421	LS-2, Metal Halide, Rate B					
422	50	2100	4.42	4.93	0.51	11.5%
423	100	8500	6.93	7.49	0.56	8.1%
424	175	12000	9.87	10.50	0.63	6.4%
425	250	18000	13.05	13.74	0.69	5.3%
426	400	32000	19.17	20.00	0.83	4.3%
427	LS-2, Induction, Rate A, Five-Lamp					
428	55	3500	10.78	11.02	0.24	2.2%
429	87	6000	17.06	17.43	0.37	2.2%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT A  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING DISTRIBUTION RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE	% CHANGE
	WATTS (A)	LUMENS (B)	PRESENT DISTRIBUTION RATE (\$/Lamp) (C)	2024 DISTRIBUTION RATE (\$/Lamp) (D)		
430	LS-2, Induction, Rate A, Single-Lamp					
431	40		1.57	1.60	0.03	1.9%
432	50		1.96	2.00	0.04	2.0%
433	55		2.16	2.20	0.04	1.9%
434	70		2.75	2.81	0.06	2.2%
435	80		3.14	3.21	0.07	2.2%
436	85		3.33	3.41	0.08	2.4%
437	100		3.92	4.01	0.09	2.3%
438	150		5.88	6.01	0.13	2.2%
439	165		6.47	6.61	0.14	2.2%
440	200		7.84	8.01	0.17	2.2%
441	250		9.80	10.02	0.22	2.2%
442	300		11.76	12.02	0.26	2.2%
443	400		15.69	16.03	0.34	2.2%
444	LS-2, LED, Rate A, Energy, 1-Lamp					
445	2.5		0.10	0.10	0.00	0.0%
446	7.5		0.29	0.30	0.01	3.4%
447	12.5		0.49	0.50	0.01	2.0%
448	17.5		0.69	0.70	0.01	1.4%
449	22.5		0.88	0.90	0.02	2.3%
450	27.5		1.08	1.10	0.02	1.9%
451	32.5		1.27	1.30	0.03	2.4%
452	37.5		1.47	1.50	0.03	2.0%
453	42.5		1.67	1.70	0.03	1.8%
454	47.5		1.86	1.90	0.04	2.2%
455	52.5		2.06	2.10	0.04	1.9%
456	57.5		2.25	2.30	0.05	2.2%
457	62.5		2.45	2.50	0.05	2.0%
458	67.5		2.65	2.70	0.05	1.9%
459	72.5		2.84	2.91	0.07	2.5%
460	77.5		3.04	3.11	0.07	2.3%
461	82.5		3.24	3.31	0.07	2.2%
462	87.5		3.43	3.51	0.08	2.3%
463	92.5		3.63	3.71	0.08	2.2%
464	97.5		3.82	3.91	0.09	2.4%
465	102.5		4.02	4.11	0.09	2.2%
466	107.5		4.22	4.31	0.09	2.1%
467	112.5		4.41	4.51	0.10	2.3%
468	117.5		4.61	4.71	0.10	2.2%
469	122.5		4.80	4.91	0.11	2.3%
470	127.5		5.00	5.11	0.11	2.2%
471	132.5		5.20	5.31	0.11	2.1%
472	137.5		5.39	5.51	0.12	2.2%
473	142.5		5.59	5.71	0.12	2.1%
474	147.5		5.78	5.91	0.13	2.2%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT A  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING DISTRIBUTION RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE	% CHANGE
	WATTS (A)	LUMENS (B)	PRESENT DISTRIBUTION RATE (\$/Lamp) (C)	2024 DISTRIBUTION RATE (\$/Lamp) (D)		
475	152.5		5.98	6.11	0.13	2.2%
476	157.5		6.18	6.31	0.13	2.1%
477	162.5		6.37	6.51	0.14	2.2%
478	167.5		6.57	6.71	0.14	2.1%
479	172.5		6.76	6.91	0.15	2.2%
480	177.5		6.96	7.11	0.15	2.2%
481	182.5		7.16	7.31	0.15	2.1%
482	187.5		7.35	7.51	0.16	2.2%
483	192.5		7.55	7.71	0.16	2.1%
484	197.5		7.75	7.91	0.16	2.1%
485	202.5		7.94	8.11	0.17	2.1%
486	207.5		8.14	8.32	0.18	2.2%
487	212.5		8.33	8.52	0.19	2.3%
488	217.5		8.53	8.72	0.19	2.2%
489	222.5		8.73	8.92	0.19	2.2%
490	227.5		8.92	9.12	0.20	2.2%
491	232.5		9.12	9.32	0.20	2.2%
492	237.5		9.31	9.52	0.21	2.3%
493	242.5		9.51	9.72	0.21	2.2%
494	247.5		9.71	9.92	0.21	2.2%
495	252.5		9.90	10.12	0.22	2.2%
496	257.5		10.10	10.32	0.22	2.2%
497	262.5		10.29	10.52	0.23	2.2%
498	267.5		10.49	10.72	0.23	2.2%
499	272.5		10.69	10.92	0.23	2.2%
500	277.5		10.88	11.12	0.24	2.2%
501	282.5		11.08	11.32	0.24	2.2%
502	287.5		11.27	11.52	0.25	2.2%
503	292.5		11.47	11.72	0.25	2.2%
504	297.5		11.67	11.92	0.25	2.1%
505	302.5		11.86	12.12	0.26	2.2%
506	307.5		12.06	12.32	0.26	2.2%
507	312.5		12.26	12.52	0.26	2.1%
508	317.5		12.45	12.72	0.27	2.2%
509	322.5		12.65	12.92	0.27	2.1%
510	327.5		12.84	13.12	0.28	2.2%
511	332.5		13.04	13.32	0.28	2.1%
512	337.5		13.24	13.52	0.28	2.1%
513	342.5		13.43	13.73	0.30	2.2%
514	347.5		13.63	13.93	0.30	2.2%
515	352.5		13.82	14.13	0.31	2.2%
516	357.5		14.02	14.33	0.31	2.2%
517	362.5		14.22	14.53	0.31	2.2%
518	367.5		14.41	14.73	0.32	2.2%
519	372.5		14.61	14.93	0.32	2.2%
520	377.5		14.80	15.13	0.33	2.2%
521	382.5		15.00	15.33	0.33	2.2%
522	387.5		15.20	15.53	0.33	2.2%
523	392.5		15.39	15.73	0.34	2.2%
524	397.5		15.59	15.93	0.34	2.2%
525						

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT A**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING DISTRIBUTION RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE	% CHANGE
	WATTS (A)	LUMENS (B)	PRESENT DISTRIBUTION RATE (\$/Lamp) (C)	2024 DISTRIBUTION RATE (\$/Lamp) (D)		
526	LS-2, Non-standard Lamp					
527	Energy Charge (\$/kWh/lamp/month)		0.06787	0.06808	0.00	0.3%
528						
529	LS-3 (CLOSED)					
530	Energy Charge (\$/kWh)		0.09674	0.09086	(0.01)	-6.1%
531	Minimum Charge (\$/month)		7.58	7.58	0.00	0.0%
532						
533	OL-1, HPSV, Rate A, Street Light Luminaire — Reactor Ballast					
534	100	9500	11.57	12.80	1.23	10.6%
535	150	16000	13.67	15.01	1.34	9.8%
536	OL-1, HPSV, Rate A, Street Light Luminaire — Regulator Ballast					
537	250	30000	20.30	21.70	1.40	6.9%
538	400	50000	26.52	27.98	1.46	5.5%
539	1000	140000	52.18	55.64	3.46	6.6%
540	OL-1, HPSV, Rate B, Directional Luminaire					
541	250	30000	20.99	21.70	0.71	3.4%
542	400	50000	27.46	42.39	14.93	54.4%
543	1000	140000	53.52	54.69	1.17	2.2%
544	OL-1, LPSV, Rate A, Street Light Luminaire					
545	55	8000	13.21	14.33	1.12	8.5%
546	90	13000	16.15	17.60	1.45	9.0%
547	135	22500	19.26	20.68	1.42	7.4%
548	180	33000	21.50	23.86	2.36	11.0%
549	OL-1 Pole in Non-Standard Position					
550	30-foot		6.20	5.02	(1.18)	-19.0%
551	35-foot		6.24	5.08	(1.16)	-18.6%
552	OL-1, LED, Rate A, Energy					
553	2.5		NA	7.64	NA	NA
554	7.5		NA	7.64	NA	NA
555	12.5		NA	7.64	NA	NA
556	17.5		NA	7.64	NA	NA
557	22.5		NA	7.64	NA	NA
558	27.5		NA	7.64	NA	NA
559	32.5		NA	7.64	NA	NA
560	37.5		NA	7.64	NA	NA
561	42.5		NA	7.96	NA	NA
562	47.5		NA	7.96	NA	NA
563	52.5		NA	7.96	NA	NA
564	57.5		NA	7.96	NA	NA
565	62.5		NA	7.96	NA	NA
566	67.5		NA	7.96	NA	NA
567	72.5		NA	9.24	NA	NA
568	77.5		NA	9.24	NA	NA
569	82.5		NA	9.24	NA	NA
570	87.5		NA	9.24	NA	NA
571	92.5		NA	9.24	NA	NA
572	97.5		NA	9.24	NA	NA
573	102.5		NA	10.28	NA	NA
574	107.5		NA	10.28	NA	NA
575	112.5		NA	10.28	NA	NA
576	117.5		NA	10.28	NA	NA
577	122.5		NA	10.28	NA	NA
578	127.5		NA	10.28	NA	NA
579	132.5		NA	10.28	NA	NA
580	137.5		NA	10.28	NA	NA
581	142.5		NA	10.28	NA	NA



**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT A**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING DISTRIBUTION RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE	% CHANGE
	WATTS (A)	LUMENS (B)	PRESENT DISTRIBUTION RATE (\$/Lamp) (C)	2024 DISTRIBUTION RATE (\$/Lamp) (D)		
582	147.5		NA	10.28	NA	NA
583	152.5		NA	10.28	NA	NA
584	157.5		NA	10.28	NA	NA
585	162.5		NA	10.28	NA	NA
586	167.5		NA	10.28	NA	NA
587	172.5		NA	10.28	NA	NA
588	177.5		NA	13.37	NA	NA
589	182.5		NA	13.37	NA	NA
590	187.5		NA	13.37	NA	NA
591	192.5		NA	13.37	NA	NA
592	197.5		NA	13.37	NA	NA
593	202.5		NA	13.37	NA	NA
594	207.5		NA	13.37	NA	NA
595	212.5		NA	13.37	NA	NA
596	217.5		NA	13.37	NA	NA
597	222.5		NA	13.37	NA	NA
598	227.5		NA	13.37	NA	NA
599	232.5		NA	13.37	NA	NA
600	237.5		NA	13.37	NA	NA
601	242.5		NA	13.37	NA	NA
602	247.5		NA	13.37	NA	NA
603	252.5		NA	13.37	NA	NA
604	257.5		NA	13.37	NA	NA
605	262.5		NA	13.37	NA	NA
606	267.5		NA	13.37	NA	NA
607	272.5		NA	13.37	NA	NA
608	277.5		NA	13.37	NA	NA
609	282.5		NA	13.37	NA	NA
610	287.5		NA	13.37	NA	NA
611	292.5		NA	13.37	NA	NA
612	297.5		NA	13.37	NA	NA
613	302.5		NA	13.37	NA	NA
614	307.5		NA	13.37	NA	NA
615	312.5		NA	13.37	NA	NA
616	317.5		NA	13.37	NA	NA
617	322.5		NA	13.37	NA	NA
618	327.5		NA	13.37	NA	NA
619	332.5		NA	13.37	NA	NA
620	337.5		NA	13.37	NA	NA
621	342.5		NA	13.37	NA	NA
622	347.5		NA	13.37	NA	NA
623	352.5		NA	13.37	NA	NA
624	357.5		NA	13.37	NA	NA
625	362.5		NA	13.37	NA	NA
626	367.5		NA	13.37	NA	NA
627	372.5		NA	13.37	NA	NA
628	377.5		NA	13.37	NA	NA
629	382.5		NA	13.37	NA	NA
630	387.5		NA	13.37	NA	NA
631	392.5		NA	13.37	NA	NA
632	397.5		NA	13.37	NA	NA
633	OL-1, LED, Rate B, Energy					
634	2.5		NA	7.64	NA	NA
635	7.5		NA	7.64	NA	NA
636	12.5		NA	7.64	NA	NA
637	17.5		NA	7.64	NA	NA

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT A  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING DISTRIBUTION RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE	% CHANGE
	WATTS (A)	LUMENS (B)	PRESENT DISTRIBUTION RATE (\$/Lamp) (C)	2024 DISTRIBUTION RATE (\$/Lamp) (D)		
638	22.5		NA	7.64	NA	NA
639	27.5		NA	7.64	NA	NA
640	32.5		NA	7.64	NA	NA
641	37.5		NA	7.64	NA	NA
642	42.5		NA	7.96	NA	NA
643	47.5		NA	7.96	NA	NA
644	52.5		NA	7.96	NA	NA
645	57.5		NA	7.96	NA	NA
646	62.5		NA	7.96	NA	NA
647	67.5		NA	7.96	NA	NA
648	72.5		NA	9.24	NA	NA
649	77.5		NA	9.24	NA	NA
650	82.5		NA	9.24	NA	NA
651	87.5		NA	9.24	NA	NA
652	92.5		NA	9.24	NA	NA
653	97.5		NA	9.24	NA	NA
654	102.5		NA	10.28	NA	NA
655	107.5		NA	10.28	NA	NA
656	112.5		NA	10.28	NA	NA
657	117.5		NA	10.28	NA	NA
658	122.5		NA	10.28	NA	NA
659	127.5		NA	10.28	NA	NA
660	132.5		NA	10.28	NA	NA
661	137.5		NA	10.28	NA	NA
662	142.5		NA	10.28	NA	NA
663	147.5		NA	10.28	NA	NA
664	152.5		NA	10.28	NA	NA
665	157.5		NA	10.28	NA	NA
666	162.5		NA	10.28	NA	NA
667	167.5		NA	10.28	NA	NA
668	172.5		NA	10.28	NA	NA
669	177.5		NA	13.37	NA	NA
670	182.5		NA	13.37	NA	NA
671	187.5		NA	13.37	NA	NA
672	192.5		NA	13.37	NA	NA
673	197.5		NA	13.37	NA	NA
674	202.5		NA	13.37	NA	NA
675	207.5		NA	13.37	NA	NA
676	212.5		NA	13.37	NA	NA
677	217.5		NA	13.37	NA	NA
678	222.5		NA	13.37	NA	NA
679	227.5		NA	13.37	NA	NA
680	232.5		NA	13.37	NA	NA
681	237.5		NA	13.37	NA	NA
682	242.5		NA	13.37	NA	NA
683	247.5		NA	13.37	NA	NA
684	252.5		NA	13.37	NA	NA
685	257.5		NA	13.37	NA	NA
686	262.5		NA	13.37	NA	NA
687	267.5		NA	13.37	NA	NA
688	272.5		NA	13.37	NA	NA
689	277.5		NA	13.37	NA	NA
690	282.5		NA	13.37	NA	NA
691	287.5		NA	13.37	NA	NA
692	292.5		NA	13.37	NA	NA
693	297.5		NA	13.37	NA	NA

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT A  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING DISTRIBUTION RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE	% CHANGE
	WATTS (A)	LUMENS (B)	PRESENT DISTRIBUTION RATE (\$/Lamp) (C)	2024 DISTRIBUTION RATE (\$/Lamp) (D)		
694	302.5		NA	13.37	NA	NA
695	307.5		NA	13.37	NA	NA
696	312.5		NA	13.37	NA	NA
697	317.5		NA	13.37	NA	NA
698	322.5		NA	13.37	NA	NA
699	327.5		NA	13.37	NA	NA
700	332.5		NA	13.37	NA	NA
701	337.5		NA	13.37	NA	NA
702	342.5		NA	13.37	NA	NA
703	347.5		NA	13.37	NA	NA
704	352.5		NA	13.37	NA	NA
705	357.5		NA	13.37	NA	NA
706	362.5		NA	13.37	NA	NA
707	367.5		NA	13.37	NA	NA
708	372.5		NA	13.37	NA	NA
709	377.5		NA	13.37	NA	NA
710	382.5		NA	13.37	NA	NA
711	387.5		NA	13.37	NA	NA
712	392.5		NA	13.37	NA	NA
713	397.5		NA	13.37	NA	NA
714						
715	OL-2					
716	Energy Charge (\$/kwh)		0.19130	0.17953	(0.01)	-6.2%
717	Basic Service Fee (\$/month)		11.47	11.47	0.00	0.0%
718						
719	DWL, Facilities Charges					
720	\$ of Utility Investment		0.00790	0.00790	0.00	0.0%
721	DWL, Energy and Lamp Maintenance Charge					
722	50 Watt HPSV		4.07	4.57	0.50	12.3%
723	DWL, Minimum Charge		59.94	50.42	(9.52)	-15.9%

## **ATTACHMENT B**

Comparison of Present and Illustrative Proposed Street Lighting Utility Distribution Company  
(UDC) Rates

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT B**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING UTILITY DISTRIBUTION COMPANY (UDC) RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT UDC RATE (\$/Lamp) (C)	2024 UDC RATE (\$/Lamp) (D)		
1	LS-1, Mercury Vapor, Class A, Reactor Ballast					
2	175	7000	17.97	20.17	2.20	12.2%
3	LS-1, Mercury Vapor, Class A, Regulator Ballast					
4	175	7000	18.96	21.17	2.21	11.7%
5	400	20000	35.21	38.31	3.10	8.8%
6	LS-1, HPSV, Class A, Reactor Ballast					
7	70	5800	11.27	12.50	1.23	10.9%
8	100	9500	13.28	14.47	1.19	9.0%
9	150	16000	16.19	17.47	1.28	7.9%
10	LS-1, HPSV, Class A, Regulator Ballast					
11	200	22000	20.85	22.22	1.37	6.6%
12	250	30000	25.03	26.34	1.31	5.2%
13	400	50000	33.76	35.07	1.31	3.9%
14	LS-1, HPSV, Class B, 1-Lamp, Reactor Ballast					
15	70	5800	11.63	13.14	1.51	13.0%
16	100	9500	13.70	15.39	1.69	12.3%
17	150	16000	16.45	17.95	1.50	9.1%
18	LS-1, HPSV, Class B, 1-Lamp, Regulator Ballast					
19	200	22000	21.02	22.41	1.39	6.6%
20	250	30000	25.22	27.19	1.97	7.8%
21	400	50000	33.86	36.20	2.34	6.9%
22	LS-1, HPSV, Class B, 2-Lamp, Reactor Ballast					
23	70	5800	10.47	11.63	1.16	11.1%
24	100	9500	12.48	13.98	1.50	12.0%
25	150	16000	15.39	16.96	1.57	10.2%
26	LS-1, HPSV, Class B, 2-Lamp, Regulator Ballast					
27	200	22000	20.05	22.22	2.17	10.8%
28	250	30000	24.32	26.71	2.39	9.8%
29	400	50000	32.95	34.19	1.24	3.8%
30	LS-1, HPSV, Class C, 1-Lamp, Reactor Ballast					
31	70	5800	15.41	16.75	1.34	8.7%
32	100	9500	17.37	18.95	1.58	9.1%
33	150	16000	20.13	21.47	1.34	6.7%
34	LS-1, HPSV, Class C, 1-Lamp, Regulator Ballast					
35	200	22000	25.58	26.84	1.26	4.9%
36	250	30000	29.32	31.25	1.93	6.6%
37	400	50000	39.56	42.01	2.45	6.2%
38	LS-1, HPSV, Class C, 2-Lamp, Reactor Ballast					
39	70	5800	11.34	13.09	1.75	15.4%
40	100	9500	13.54	15.73	2.19	16.2%
41	150	16000	16.25	18.28	2.03	12.5%
42	LS-1, HPSV, Class C, 2-Lamp, Regulator Ballast					
43	200	22000	20.31	23.10	2.79	13.7%
44	250	30000	25.14	28.31	3.17	12.6%
45	400	50000	33.30	34.43	1.13	3.4%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT B**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING UTILITY DISTRIBUTION COMPANY (UDC) RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT UDC RATE (\$/Lamp) (C)	2024 UDC RATE (\$/Lamp) (D)		
46	LS-1, LPSV, Class A					
47	55	8000	14.40	15.50	1.10	7.6%
48	90	13500	18.19	19.59	1.40	7.7%
49	135	22500	22.23	23.59	1.36	6.1%
50	180	33000	24.92	27.20	2.28	9.1%
51	LS-1, LPSV, Class B, 1-Lamp					
52	55	8000	14.71	16.39	1.68	11.4%
53	90	13500	18.50	20.48	1.98	10.7%
54	135	22500	22.39	24.48	2.09	9.3%
55	180	33000	25.08	28.09	3.01	12.0%
56	LS-1, LPSV, Class B, 2-Lamp					
57	55	8000	14.09	15.69	1.60	11.4%
58	90	13500	17.88	19.78	1.90	10.6%
59	135	22500	22.11	24.67	2.56	11.6%
60	180	33000	24.79	28.28	3.49	14.1%
61	LS-1, LPSV, Class C, 1-Lamp					
62	55	8000	17.57	19.31	1.74	9.9%
63	90	13500	20.93	22.73	1.80	8.6%
64	135	22500	25.54	27.59	2.05	8.0%
65	180	33000	27.55	29.72	2.17	7.9%
66	LS-1, LPSV, Class C, 2-Lamp					
67	55	8000	14.12	15.73	1.61	11.4%
68	90	13500	17.93	19.86	1.93	10.8%
69	135	22500	22.39	24.37	1.98	8.8%
70	180	33000	24.82	28.34	3.52	14.2%
71	LS-1, Metal Halide, Class A					
72	100	8500	12.89	14.54	1.65	12.8%
73	175	12000	17.01	18.71	1.70	10.0%
74	250	18000	21.52	23.28	1.76	8.2%
75	400	32000	30.55	32.55	2.00	6.5%
76	LS-1, Metal Halide, Class B					
77	100	8500	13.55	15.43	1.88	13.9%
78	175	12000	17.67	19.59	1.92	10.9%
79	250	18000	22.18	24.17	1.99	9.0%
80	400	32000	31.21	33.44	2.23	7.1%
81	LS-1, Metal Halide, Class C					
82	100	8500	23.72	28.51	4.79	20.2%
83	175	12000	27.84	32.67	4.83	17.3%
84	250	18000	32.35	37.25	4.90	15.1%
85	400	32000	41.38	46.52	5.14	12.4%
86	LS-1 Pole in Non-Standard Position					
87	30-foot		5.86	4.74	(1.12)	-19.1%
88	35-foot		5.90	4.80	(1.10)	-18.6%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT B  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING UTILITY DISTRIBUTION COMPANY (UDC) RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT UDC RATE (\$/Lamp) (C)	2024 UDC RATE (\$/Lamp) (D)		
89	LS-1, LED, Rate A, Energy, 1-Lamp					
90	2.5		9.50	6.91	(2.59)	-27.3%
91	7.5		9.60	7.00	(2.60)	-27.1%
92	12.5		9.64	7.04	(2.60)	-27.0%
93	17.5		9.73	7.14	(2.59)	-26.6%
94	22.5		9.81	7.22	(2.59)	-26.4%
95	27.5		9.91	7.31	(2.60)	-26.2%
96	32.5		9.95	8.04	(1.91)	-19.2%
97	37.5		10.04	8.13	(1.91)	-19.0%
98	42.5		10.50	8.60	(1.90)	-18.1%
99	47.5		10.55	8.65	(1.90)	-18.0%
100	52.5		10.63	8.74	(1.89)	-17.8%
101	57.5		10.73	8.83	(1.90)	-17.7%
102	62.5		10.81	8.91	(1.90)	-17.6%
103	67.5		10.85	8.95	(1.90)	-17.5%
104	72.5		12.12	10.72	(1.40)	-11.6%
105	77.5		12.22	10.82	(1.40)	-11.5%
106	82.5		12.30	10.90	(1.40)	-11.4%
107	87.5		12.35	10.95	(1.40)	-11.3%
108	92.5		12.44	11.03	(1.41)	-11.3%
109	97.5		12.53	11.12	(1.41)	-11.3%
110	102.5		13.79	12.70	(1.09)	-7.9%
111	107.5		13.84	12.74	(1.10)	-7.9%
112	112.5		13.93	12.84	(1.09)	-7.8%
113	117.5		14.02	12.93	(1.09)	-7.8%
114	122.5		14.11	13.01	(1.10)	-7.8%
115	127.5		14.16	13.06	(1.10)	-7.8%
116	132.5		14.24	13.14	(1.10)	-7.7%
117	137.5		14.34	13.24	(1.10)	-7.7%
118	142.5		14.39	13.29	(1.10)	-7.6%
119	147.5		14.47	13.37	(1.10)	-7.6%
120	152.5		14.56	13.46	(1.10)	-7.6%
121	157.5		14.65	13.54	(1.11)	-7.6%
122	162.5		14.70	13.59	(1.11)	-7.6%
123	167.5		14.79	13.68	(1.11)	-7.5%
124	172.5		14.88	13.77	(1.11)	-7.5%
125	177.5		18.16	17.11	(1.05)	-5.8%
126	182.5		18.20	17.15	(1.05)	-5.8%
127	187.5		18.28	17.23	(1.05)	-5.7%
128	192.5		18.38	17.32	(1.06)	-5.8%
129	197.5		18.47	17.41	(1.06)	-5.7%
130	202.5		18.52	17.47	(1.05)	-5.7%
131	207.5		18.61	17.55	(1.06)	-5.7%
132	212.5		18.70	17.64	(1.06)	-5.7%
133	217.5		18.75	17.69	(1.06)	-5.7%
134	222.5		18.84	17.77	(1.07)	-5.7%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT B**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING UTILITY DISTRIBUTION COMPANY (UDC) RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT UDC RATE (\$/Lamp) (C)	2024 UDC RATE (\$/Lamp) (D)		
135	227.5		18.92	17.85	(1.07)	-5.7%
136	232.5		19.01	17.95	(1.06)	-5.6%
137	237.5		19.05	17.99	(1.06)	-5.6%
138	242.5		19.15	18.08	(1.07)	-5.6%
139	247.5		19.23	18.16	(1.07)	-5.6%
140	252.5		19.33	18.25	(1.08)	-5.6%
141	257.5		19.38	18.30	(1.08)	-5.6%
142	262.5		19.46	18.38	(1.08)	-5.5%
143	267.5		19.54	18.47	(1.07)	-5.5%
144	272.5		19.64	18.56	(1.08)	-5.5%
145	277.5		19.68	18.60	(1.08)	-5.5%
146	282.5		19.77	18.69	(1.08)	-5.5%
147	287.5		19.86	18.77	(1.09)	-5.5%
148	292.5		19.95	18.86	(1.09)	-5.5%
149	297.5		19.99	18.91	(1.08)	-5.4%
150	302.5		20.09	19.00	(1.09)	-5.4%
151	307.5		20.17	19.08	(1.09)	-5.4%
152	312.5		20.21	19.12	(1.09)	-5.4%
153	317.5		20.30	19.21	(1.09)	-5.4%
154	322.5		20.40	19.30	(1.10)	-5.4%
155	327.5		20.48	19.39	(1.09)	-5.3%
156	332.5		20.53	19.44	(1.09)	-5.3%
157	337.5		20.62	19.52	(1.10)	-5.3%
158	342.5		20.71	19.61	(1.10)	-5.3%
159	347.5		20.80	19.70	(1.10)	-5.3%
160	352.5		20.84	19.73	(1.11)	-5.3%
161	357.5		20.93	19.83	(1.10)	-5.3%
162	362.5		21.02	19.92	(1.10)	-5.2%
163	367.5		21.11	20.00	(1.11)	-5.3%
164	372.5		21.16	20.05	(1.11)	-5.2%
165	377.5		21.24	20.13	(1.11)	-5.2%
166	382.5		21.34	20.22	(1.12)	-5.2%
167	387.5		21.38	20.26	(1.12)	-5.2%
168	392.5		21.46	20.35	(1.11)	-5.2%
169	397.5		21.55	20.44	(1.11)	-5.2%



**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT B  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING UTILITY DISTRIBUTION COMPANY (UDC) RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT UDC RATE (\$/Lamp) (C)	2024 UDC RATE (\$/Lamp) (D)		
170	LS-1, LED, Rate B, Energy, 1-Lamp					
171	2.5		9.86	6.91	(2.95)	-29.9%
172	7.5		9.96	7.00	(2.96)	-29.7%
173	12.5		10.00	7.04	(2.96)	-29.6%
174	17.5		10.09	7.14	(2.95)	-29.2%
175	22.5		10.17	7.22	(2.95)	-29.0%
176	27.5		10.27	7.31	(2.96)	-28.8%
177	32.5		10.31	8.04	(2.27)	-22.0%
178	37.5		10.40	8.13	(2.27)	-21.8%
179	42.5		10.92	8.60	(2.32)	-21.2%
180	47.5		10.97	8.65	(2.32)	-21.1%
181	52.5		11.05	8.74	(2.31)	-20.9%
182	57.5		11.15	8.83	(2.32)	-20.8%
183	62.5		11.23	8.91	(2.32)	-20.7%
184	67.5		11.27	8.95	(2.32)	-20.6%
185	72.5		12.38	10.72	(1.66)	-13.4%
186	77.5		12.48	10.82	(1.66)	-13.3%
187	82.5		12.56	10.90	(1.66)	-13.2%
188	87.5		12.61	10.95	(1.66)	-13.2%
189	92.5		12.70	11.03	(1.67)	-13.1%
190	97.5		12.79	11.12	(1.67)	-13.1%
191	102.5		13.96	12.70	(1.26)	-9.0%
192	107.5		14.01	12.74	(1.27)	-9.1%
193	112.5		14.10	12.84	(1.26)	-8.9%
194	117.5		14.19	12.93	(1.26)	-8.9%
195	122.5		14.28	13.01	(1.27)	-8.9%
196	127.5		14.33	13.06	(1.27)	-8.9%
197	132.5		14.41	13.14	(1.27)	-8.8%
198	137.5		14.51	13.24	(1.27)	-8.8%
199	142.5		14.56	13.29	(1.27)	-8.7%
200	147.5		14.64	13.37	(1.27)	-8.7%
201	152.5		14.73	13.46	(1.27)	-8.6%
202	157.5		14.82	13.54	(1.28)	-8.6%
203	162.5		14.87	13.59	(1.28)	-8.6%
204	167.5		14.96	13.68	(1.28)	-8.6%
205	172.5		15.05	13.77	(1.28)	-8.5%
206	177.5		18.26	17.11	(1.15)	-6.3%
207	182.5		18.30	17.15	(1.15)	-6.3%
208	187.5		18.38	17.23	(1.15)	-6.3%
209	192.5		18.48	17.32	(1.16)	-6.3%
210	197.5		18.57	17.41	(1.16)	-6.2%
211	202.5		18.62	17.47	(1.15)	-6.2%
212	207.5		18.71	17.55	(1.16)	-6.2%
213	212.5		18.80	17.64	(1.16)	-6.2%
214	217.5		18.85	17.69	(1.16)	-6.2%
215	222.5		18.94	17.77	(1.17)	-6.2%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT B  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING UTILITY DISTRIBUTION COMPANY (UDC) RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT UDC RATE (\$/Lamp) (C)	2024 UDC RATE (\$/Lamp) (D)		
216	227.5		19.02	17.85	(1.17)	-6.2%
217	232.5		19.11	17.95	(1.16)	-6.1%
218	237.5		19.15	17.99	(1.16)	-6.1%
219	242.5		19.25	18.08	(1.17)	-6.1%
220	247.5		19.33	18.16	(1.17)	-6.1%
221	252.5		19.43	18.25	(1.18)	-6.1%
222	257.5		19.48	18.30	(1.18)	-6.1%
223	262.5		19.56	18.38	(1.18)	-6.0%
224	267.5		19.64	18.47	(1.17)	-6.0%
225	272.5		19.74	18.56	(1.18)	-6.0%
226	277.5		19.78	18.60	(1.18)	-6.0%
227	282.5		19.87	18.69	(1.18)	-5.9%
228	287.5		19.96	18.77	(1.19)	-6.0%
229	292.5		20.05	18.86	(1.19)	-5.9%
230	297.5		20.09	18.91	(1.18)	-5.9%
231	302.5		20.19	19.00	(1.19)	-5.9%
232	307.5		20.27	19.08	(1.19)	-5.9%
233	312.5		20.31	19.12	(1.19)	-5.9%
234	317.5		20.40	19.21	(1.19)	-5.8%
235	322.5		20.50	19.30	(1.20)	-5.9%
236	327.5		20.58	19.39	(1.19)	-5.8%
237	332.5		20.63	19.44	(1.19)	-5.8%
238	337.5		20.72	19.52	(1.20)	-5.8%
239	342.5		20.81	19.61	(1.20)	-5.8%
240	347.5		20.90	19.70	(1.20)	-5.7%
241	352.5		20.94	19.73	(1.21)	-5.8%
242	357.5		21.03	19.83	(1.20)	-5.7%
243	362.5		21.12	19.92	(1.20)	-5.7%
244	367.5		21.21	20.00	(1.21)	-5.7%
245	372.5		21.26	20.05	(1.21)	-5.7%
246	377.5		21.34	20.13	(1.21)	-5.7%
247	382.5		21.44	20.22	(1.22)	-5.7%
248	387.5		21.48	20.26	(1.22)	-5.7%
249	392.5		21.56	20.35	(1.21)	-5.6%
250	397.5		21.65	20.44	(1.21)	-5.6%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT B  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING UTILITY DISTRIBUTION COMPANY (UDC) RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT UDC RATE (\$/Lamp) (C)	2024 UDC RATE (\$/Lamp) (D)		
251	LS-1, LED, Rate B, Energy, 2-Lamp					
252	2.5		5.54	4.99	(0.55)	-9.9%
253	7.5		5.64	5.08	(0.56)	-9.9%
254	12.5		5.68	5.12	(0.56)	-9.9%
255	17.5		5.77	5.22	(0.55)	-9.5%
256	22.5		5.85	5.30	(0.55)	-9.4%
257	27.5		5.95	5.39	(0.56)	-9.4%
258	32.5		5.99	6.12	0.13	2.2%
259	37.5		6.08	6.21	0.13	2.1%
260	42.5		6.53	6.67	0.14	2.1%
261	47.5		6.58	6.72	0.14	2.1%
262	52.5		6.66	6.81	0.15	2.3%
263	57.5		6.76	6.90	0.14	2.1%
264	62.5		6.84	6.98	0.14	2.0%
265	67.5		6.88	7.02	0.14	2.0%
266	72.5		7.83	8.75	0.92	11.7%
267	77.5		7.93	8.85	0.92	11.6%
268	82.5		8.01	8.93	0.92	11.5%
269	87.5		8.06	8.98	0.92	11.4%
270	92.5		8.15	9.06	0.91	11.2%
271	97.5		8.24	9.15	0.91	11.0%
272	102.5		9.58	10.68	1.10	11.5%
273	107.5		9.63	10.72	1.09	11.3%
274	112.5		9.72	10.82	1.10	11.3%
275	117.5		9.81	10.91	1.10	11.2%
276	122.5		9.90	10.99	1.09	11.0%
277	127.5		9.95	11.04	1.09	11.0%
278	132.5		10.03	11.12	1.09	10.9%
279	137.5		10.13	11.22	1.09	10.8%
280	142.5		10.18	11.27	1.09	10.7%
281	147.5		10.26	11.35	1.09	10.6%
282	152.5		10.35	11.44	1.09	10.5%
283	157.5		10.44	11.52	1.08	10.3%
284	162.5		10.49	11.57	1.08	10.3%
285	167.5		10.58	11.66	1.08	10.2%
286	172.5		10.67	11.75	1.08	10.1%
287	177.5		13.19	15.07	1.88	14.3%
288	182.5		13.23	15.11	1.88	14.2%
289	187.5		13.31	15.19	1.88	14.1%
290	192.5		13.41	15.28	1.87	13.9%
291	197.5		13.50	15.37	1.87	13.9%
292	202.5		13.55	15.43	1.88	13.9%
293	207.5		13.64	15.51	1.87	13.7%
294	212.5		13.73	15.60	1.87	13.6%
295	217.5		13.78	15.65	1.87	13.6%
296	222.5		13.87	15.73	1.86	13.4%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT B**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING UTILITY DISTRIBUTION COMPANY (UDC) RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT UDC RATE (\$/Lamp) (C)	2024 UDC RATE (\$/Lamp) (D)		
297	227.5		13.95	15.81	1.86	13.3%
298	232.5		14.04	15.91	1.87	13.3%
299	237.5		14.08	15.95	1.87	13.3%
300	242.5		14.18	16.04	1.86	13.1%
301	247.5		14.26	16.12	1.86	13.0%
302	252.5		14.36	16.21	1.85	12.9%
303	257.5		14.41	16.26	1.85	12.8%
304	262.5		14.49	16.34	1.85	12.8%
305	267.5		14.57	16.43	1.86	12.8%
306	272.5		14.67	16.52	1.85	12.6%
307	277.5		14.71	16.56	1.85	12.6%
308	282.5		14.80	16.65	1.85	12.5%
309	287.5		14.89	16.73	1.84	12.4%
310	292.5		14.98	16.82	1.84	12.3%
311	297.5		15.02	16.87	1.85	12.3%
312	302.5		15.12	16.96	1.84	12.2%
313	307.5		15.20	17.04	1.84	12.1%
314	312.5		15.24	17.08	1.84	12.1%
315	317.5		15.33	17.17	1.84	12.0%
316	322.5		15.43	17.26	1.83	11.9%
317	327.5		15.51	17.35	1.84	11.9%
318	332.5		15.56	17.40	1.84	11.8%
319	337.5		15.65	17.48	1.83	11.7%
320	342.5		15.74	17.57	1.83	11.6%
321	347.5		15.83	17.66	1.83	11.6%
322	352.5		15.87	17.69	1.82	11.5%
323	357.5		15.96	17.79	1.83	11.5%
324	362.5		16.05	17.88	1.83	11.4%
325	367.5		16.14	17.96	1.82	11.3%
326	372.5		16.19	18.01	1.82	11.2%
327	377.5		16.27	18.09	1.82	11.2%
328	382.5		16.37	18.18	1.81	11.1%
329	387.5		16.41	18.22	1.81	11.0%
330	392.5		16.49	18.31	1.82	11.0%
331	397.5		16.58	18.40	1.82	11.0%
332	LS-2, Mercury Vapor, Rate A, Regulator Ballast					
333	175	7000	11.52	11.64	0.12	1.0%
334	250	10000	15.98	16.14	0.16	1.0%
335	400	20000	25.21	25.47	0.26	1.0%
336	700	35000	42.74	43.18	0.44	1.0%
337	1000	55000	60.33	60.95	0.62	1.0%
338	LS-2, Mercury Vapor, Rate A, Reactor Ballast					
339	175	7000	10.53	10.63	0.10	0.9%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT B**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING UTILITY DISTRIBUTION COMPANY (UDC) RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT UDC RATE (\$/Lamp) (C)	2024 UDC RATE (\$/Lamp) (D)		
340	LS-2, Mercury Vapor, Rate A, Series Service					
341	175	7000	16.50	17.51	1.01	6.1%
342	250	10000	19.93	21.15	1.22	6.1%
343	400	20000	35.43	37.59	2.16	6.1%
344	700	35000	62.16	65.95	3.79	6.1%
345	LS-2, Mercury Vapor, Rate B, Regulator Ballast					
346	175	7000	13.27	13.84	0.57	4.3%
347	250	10000	17.74	18.34	0.60	3.4%
348	400	20000	26.96	27.68	0.72	2.7%
349	LS-2, Mercury Vapor, Rate B, Series Service					
350	175	7000	18.25	19.71	1.46	8.0%
351	LS-2, HPSV, Rate A, Energy, Regulator Ballast					
352	50	4000	3.17	3.20	0.03	0.9%
353	70	5800	5.52	5.58	0.06	1.1%
354	100	9500	7.73	7.81	0.08	1.0%
355	150	16000	10.57	10.67	0.10	0.9%
356	200	22000	13.46	13.60	0.14	1.0%
357	250	30000	17.15	17.33	0.18	1.0%
358	310	37000	20.98	21.19	0.21	1.0%
359	400	50000	26.05	26.32	0.27	1.0%
360	1000	140000	60.33	60.95	0.62	1.0%
361	LS-2, HPSV, Rate A, Energy, Reactor Ballast					
362	50	4000	2.72	2.75	0.03	1.1%
363	70	5800	4.54	4.60	0.06	1.3%
364	100	9500	6.42	6.49	0.07	1.1%
365	150	16000	9.35	9.44	0.09	1.0%
366	LS-2, HPSV, Rate A, Series Service					
367	50	4,000	5.08	5.39	0.31	6.1%
368	70	5800	8.57	9.09	0.52	6.1%
369	100	9500	9.63	10.22	0.59	6.1%
370	150	16000	13.84	14.69	0.85	6.1%
371	200	22000	18.57	19.71	1.14	6.1%
372	250	30000	24.95	26.47	1.52	6.1%
373	LS-2, HPSV, Rate B, Regulator Ballast					
374	50	4000	4.93	5.41	0.48	9.7%
375	70	5800	7.28	7.78	0.50	6.9%
376	100	9500	9.48	10.01	0.53	5.6%
377	150	16000	12.32	12.88	0.56	4.5%
378	200	22000	15.21	15.80	0.59	3.9%
379	250	30000	18.91	19.54	0.63	3.3%
380	310	37000	22.73	23.39	0.66	2.9%
381	400	50000	27.80	28.52	0.72	2.6%
382	1000	140000	62.08	63.15	1.07	1.7%
383	LS-2, HPSV, Rate B, Reactor Ballast					
384	50	4000	4.48	4.96	0.48	10.7%
385	70	5800	6.30	6.80	0.50	7.9%
386	100	9500	8.17	8.69	0.52	6.4%
387	150	16000	11.10	11.65	0.55	5.0%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT B**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING UTILITY DISTRIBUTION COMPANY (UDC) RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT UDC RATE (\$/Lamp) (C)	2024 UDC RATE (\$/Lamp) (D)		
388	LS-2, HPSV, Rate B, Series Service					
389	50	4,000	6.84	7.60	0.76	11.1%
390	70	5800	10.33	11.29	0.96	9.3%
391	100	9500	11.38	12.42	1.04	9.1%
392	150	16000	15.60	16.90	1.30	8.3%
393	200	22000	20.32	21.91	1.59	7.8%
394	250	30000	26.70	28.67	1.97	7.4%
395	LS-2, LPSV, Rate A					
396	35	4800	3.65	3.68	0.03	0.8%
397	55	8000	4.83	4.89	0.06	1.2%
398	90	13500	7.93	8.01	0.08	1.0%
399	135	22500	11.27	11.39	0.12	1.1%
400	180	33000	12.89	13.03	0.14	1.1%
401	LS-2, LPSV, Rate A, Series Service					
402	35	4800	3.97	4.21	0.24	6.0%
403	55	8,000	5.73	6.08	0.35	6.1%
404	90	13,500	10.34	10.97	0.63	6.1%
405	135	22,500	14.73	15.63	0.90	6.1%
406	180	33,000	17.45	18.52	1.07	6.1%
407	LS-2, Incandescent Lamps, Rate A, Energy Only					
408		1000	3.97	4.02	0.05	1.3%
409		2,500	8.86	8.95	0.09	1.0%
410		4000	16.14	16.30	0.16	1.0%
411		6000	22.19	22.42	0.23	1.0%
412		10000	33.30	33.65	0.35	1.1%
413	LS-2, Incandescent Lamps, Rate B					
414		6000	23.95	24.62	0.67	2.8%
415	LS-2, Metal Halide, Rate A					
416	50	2100	3.73	3.77	0.04	1.1%
417	100	8500	7.23	7.30	0.07	1.0%
418	175	12000	11.35	11.47	0.12	1.1%
419	250	18000	15.77	15.93	0.16	1.0%
420	400	32000	24.31	24.56	0.25	1.0%
421	LS-2, Metal Halide, Rate B					
422	50	2100	5.48	5.97	0.49	8.9%
423	100	8500	8.98	9.50	0.52	5.8%
424	175	12000	13.10	13.67	0.57	4.4%
425	250	18000	17.53	18.13	0.60	3.4%
426	400	32000	26.07	26.77	0.70	2.7%
427	LS-2, Induction, Rate A, Five-Lamp					
428	55	3500	15.04	15.20	0.16	1.1%
429	87	6000	23.82	24.06	0.24	1.0%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT B  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING UTILITY DISTRIBUTION COMPANY (UDC) RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT UDC RATE (\$/Lamp) (C)	2024 UDC RATE (\$/Lamp) (D)		
430	LS-2, Induction, Rate A, Single-Lamp					
431	40		2.19	2.21	0.02	0.9%
432	50		2.72	2.75	0.03	1.1%
433	55		3.01	3.04	0.03	1.0%
434	70		3.81	3.85	0.04	1.0%
435	80		4.39	4.44	0.05	1.1%
436	85		4.67	4.73	0.06	1.3%
437	100		5.48	5.54	0.06	1.1%
438	150		8.20	8.29	0.09	1.1%
439	165		9.02	9.11	0.09	1.0%
440	200		10.93	11.04	0.11	1.0%
441	250		13.70	13.85	0.15	1.1%
442	300		16.42	16.60	0.18	1.1%
443	400		21.91	22.13	0.22	1.0%
444	LS-2, LED, Rate A, Energy, 1-Lamp					
445	2.5		0.14	0.14	0.00	0.0%
446	7.5		0.43	0.43	0.00	0.0%
447	12.5		0.67	0.67	0.00	0.0%
448	17.5		0.96	0.97	0.01	1.0%
449	22.5		1.23	1.25	0.02	1.6%
450	27.5		1.53	1.54	0.01	0.7%
451	32.5		1.76	1.78	0.02	1.1%
452	37.5		2.05	2.07	0.02	1.0%
453	42.5		2.34	2.35	0.01	0.4%
454	47.5		2.58	2.60	0.02	0.8%
455	52.5		2.86	2.89	0.03	1.0%
456	57.5		3.15	3.18	0.03	1.0%
457	62.5		3.43	3.46	0.03	0.9%
458	67.5		3.67	3.70	0.03	0.8%
459	72.5		3.95	4.00	0.05	1.3%
460	77.5		4.25	4.30	0.05	1.2%
461	82.5		4.53	4.58	0.05	1.1%
462	87.5		4.77	4.83	0.06	1.3%
463	92.5		5.06	5.11	0.05	1.0%
464	97.5		5.34	5.40	0.06	1.1%
465	102.5		5.62	5.68	0.06	1.1%
466	107.5		5.87	5.92	0.05	0.9%
467	112.5		6.15	6.22	0.07	1.1%
468	117.5		6.44	6.51	0.07	1.1%
469	122.5		6.72	6.79	0.07	1.0%
470	127.5		6.97	7.04	0.07	1.0%
471	132.5		7.25	7.32	0.07	1.0%
472	137.5		7.54	7.62	0.08	1.1%
473	142.5		7.79	7.87	0.08	1.0%
474	147.5		8.06	8.15	0.09	1.1%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT B  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING UTILITY DISTRIBUTION COMPANY (UDC) RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT UDC RATE (\$/Lamp) (C)	2024 UDC RATE (\$/Lamp) (D)		
475	152.5		8.35	8.44	0.09	1.1%
476	157.5		8.64	8.72	0.08	0.9%
477	162.5		8.88	8.97	0.09	1.0%
478	167.5		9.17	9.26	0.09	1.0%
479	172.5		9.45	9.55	0.10	1.1%
480	177.5		9.74	9.84	0.10	1.0%
481	182.5		9.98	10.08	0.10	1.0%
482	187.5		10.25	10.36	0.11	1.1%
483	192.5		10.55	10.65	0.10	0.9%
484	197.5		10.84	10.94	0.10	0.9%
485	202.5		11.08	11.20	0.12	1.1%
486	207.5		11.37	11.49	0.12	1.1%
487	212.5		11.65	11.78	0.13	1.1%
488	217.5		11.90	12.03	0.13	1.1%
489	222.5		12.19	12.31	0.12	1.0%
490	227.5		12.46	12.59	0.13	1.0%
491	232.5		12.75	12.89	0.14	1.1%
492	237.5		12.98	13.13	0.15	1.2%
493	242.5		13.28	13.42	0.14	1.1%
494	247.5		13.56	13.70	0.14	1.0%
495	252.5		13.85	13.99	0.14	1.0%
496	257.5		14.10	14.24	0.14	1.0%
497	262.5		14.37	14.52	0.15	1.0%
498	267.5		14.65	14.81	0.16	1.1%
499	272.5		14.95	15.10	0.15	1.0%
500	277.5		15.18	15.34	0.16	1.1%
501	282.5		15.47	15.63	0.16	1.0%
502	287.5		15.75	15.91	0.16	1.0%
503	292.5		16.04	16.20	0.16	1.0%
504	297.5		16.28	16.45	0.17	1.0%
505	302.5		16.57	16.74	0.17	1.0%
506	307.5		16.85	17.02	0.17	1.0%
507	312.5		17.09	17.26	0.17	1.0%
508	317.5		17.37	17.55	0.18	1.0%
509	322.5		17.67	17.84	0.17	1.0%
510	327.5		17.94	18.13	0.19	1.1%
511	332.5		18.19	18.38	0.19	1.0%
512	337.5		18.48	18.66	0.18	1.0%
513	342.5		18.76	18.96	0.20	1.1%
514	347.5		19.05	19.25	0.20	1.0%
515	352.5		19.28	19.48	0.20	1.0%
516	357.5		19.57	19.78	0.21	1.1%
517	362.5		19.86	20.07	0.21	1.1%
518	367.5		20.14	20.35	0.21	1.0%
519	372.5		20.39	20.60	0.21	1.0%
520	377.5		20.66	20.88	0.22	1.1%
521	382.5		20.96	21.17	0.21	1.0%
522	387.5		21.20	21.41	0.21	1.0%
523	392.5		21.47	21.70	0.23	1.1%
524	397.5		21.76	21.99	0.23	1.1%
525						



**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT B  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING UTILITY DISTRIBUTION COMPANY (UDC) RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT UDC RATE (\$/Lamp) (C)	2024 UDC RATE (\$/Lamp) (D)		
526	LS-2, Non-standard Lamp					
527	Energy Charge (\$/kWh/lamp/month)		0.11269	0.11206	(0.00)	-0.6%
528						
529	LS-3 (CLOSED)					
530	Energy Charge (\$/kWh)		0.14156	0.13484	(0.01)	-4.7%
531	Minimum Charge (\$/month)		7.58	7.58	0.00	0.0%
532						
533	OL-1, HPSV, Rate A, Street Light Luminaire — Reactor Ballast					
534	100	9500	13.40	14.60	1.20	9.0%
535	150	16000	16.31	17.60	1.29	7.9%
536	OL-1, HPSV, Rate A, Street Light Luminaire — Regulator Ballast					
537	250	30000	25.18	26.49	1.31	5.2%
538	400	50000	33.90	35.22	1.32	3.9%
539	1000	140000	69.29	72.43	3.14	4.5%
540	OL-1, HPSV, Rate B, Directional Luminaire					
541	250	30000	25.87	26.49	0.62	2.4%
542	400	50000	34.84	49.63	14.79	42.5%
543	1000	140000	70.63	71.48	0.85	1.2%
544	OL-1, LPSV, Rate A, Street Light Luminaire					
545	55	8000	14.59	15.69	1.10	7.5%
546	90	13000	18.39	19.80	1.41	7.7%
547	135	22500	22.45	23.81	1.36	6.1%
548	180	33000	25.17	27.47	2.30	9.1%
549	OL-1 Pole in Non-Standard Position					
550	30-foot		6.20	5.02	(1.18)	-19.0%
551	35-foot		6.24	5.08	(1.16)	-18.6%
552	OL-1, LED, Rate A, Energy					
553	2.5		NA	7.68	NA	NA
554	7.5		NA	7.77	NA	NA
555	12.5		NA	7.81	NA	NA
556	17.5		NA	7.91	NA	NA
557	22.5		NA	7.99	NA	NA
558	27.5		NA	8.08	NA	NA
559	32.5		NA	8.12	NA	NA
560	37.5		NA	8.21	NA	NA
561	42.5		NA	8.61	NA	NA
562	47.5		NA	8.66	NA	NA
563	52.5		NA	8.75	NA	NA
564	57.5		NA	8.84	NA	NA
565	62.5		NA	8.92	NA	NA
566	67.5		NA	8.96	NA	NA
567	72.5		NA	10.33	NA	NA
568	77.5		NA	10.43	NA	NA
569	82.5		NA	10.51	NA	NA
570	87.5		NA	10.56	NA	NA
571	92.5		NA	10.64	NA	NA
572	97.5		NA	10.73	NA	NA
573	102.5		NA	11.85	NA	NA
574	107.5		NA	11.89	NA	NA
575	112.5		NA	11.99	NA	NA
576	117.5		NA	12.08	NA	NA
577	122.5		NA	12.16	NA	NA
578	127.5		NA	12.21	NA	NA
579	132.5		NA	12.29	NA	NA
580	137.5		NA	12.39	NA	NA

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT B  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING UTILITY DISTRIBUTION COMPANY (UDC) RATES**

LINE NO.	DESCRIPTION		1/1/2023 PRESENT UDC RATE (\$/Lamp) (C)	PROPOSED 2024 UDC RATE (\$/Lamp) (D)	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)				
581	142.5		NA	12.44	NA	NA
582	147.5		NA	12.52	NA	NA
583	152.5		NA	12.61	NA	NA
584	157.5		NA	12.69	NA	NA
585	162.5		NA	12.74	NA	NA
586	167.5		NA	12.83	NA	NA
587	172.5		NA	12.92	NA	NA
588	177.5		NA	16.10	NA	NA
589	182.5		NA	16.14	NA	NA
590	187.5		NA	16.22	NA	NA
591	192.5		NA	16.31	NA	NA
592	197.5		NA	16.40	NA	NA
593	202.5		NA	16.46	NA	NA
594	207.5		NA	16.54	NA	NA
595	212.5		NA	16.63	NA	NA
596	217.5		NA	16.68	NA	NA
597	222.5		NA	16.76	NA	NA
598	227.5		NA	16.84	NA	NA
599	232.5		NA	16.94	NA	NA
600	237.5		NA	16.98	NA	NA
601	242.5		NA	17.07	NA	NA
602	247.5		NA	17.15	NA	NA
603	252.5		NA	17.24	NA	NA
604	257.5		NA	17.29	NA	NA
605	262.5		NA	17.37	NA	NA
606	267.5		NA	17.46	NA	NA
607	272.5		NA	17.55	NA	NA
608	277.5		NA	17.59	NA	NA
609	282.5		NA	17.68	NA	NA
610	287.5		NA	17.76	NA	NA
611	292.5		NA	17.85	NA	NA
612	297.5		NA	17.90	NA	NA
613	302.5		NA	17.99	NA	NA
614	307.5		NA	18.07	NA	NA
615	312.5		NA	18.11	NA	NA
616	317.5		NA	18.20	NA	NA
617	322.5		NA	18.29	NA	NA
618	327.5		NA	18.38	NA	NA
619	332.5		NA	18.43	NA	NA
620	337.5		NA	18.51	NA	NA
621	342.5		NA	18.60	NA	NA
622	347.5		NA	18.69	NA	NA
623	352.5		NA	18.72	NA	NA
624	357.5		NA	18.82	NA	NA
625	362.5		NA	18.91	NA	NA
626	367.5		NA	18.99	NA	NA
627	372.5		NA	19.04	NA	NA
628	377.5		NA	19.12	NA	NA
629	382.5		NA	19.21	NA	NA
630	387.5		NA	19.25	NA	NA
631	392.5		NA	19.34	NA	NA
632	397.5		NA	19.43	NA	NA
633	OL-1, LED, Rate B, Energy					
634	2.5		NA	7.68	NA	NA
635	7.5		NA	7.77	NA	NA

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT B  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING UTILITY DISTRIBUTION COMPANY (UDC) RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT UDC RATE (\$/Lamp) (C)	2024 UDC RATE (\$/Lamp) (D)		
636	12.5		NA	7.81	NA	NA
637	17.5		NA	7.91	NA	NA
638	22.5		NA	7.99	NA	NA
639	27.5		NA	8.08	NA	NA
640	32.5		NA	8.12	NA	NA
641	37.5		NA	8.21	NA	NA
642	42.5		NA	8.61	NA	NA
643	47.5		NA	8.66	NA	NA
644	52.5		NA	8.75	NA	NA
645	57.5		NA	8.84	NA	NA
646	62.5		NA	8.92	NA	NA
647	67.5		NA	8.96	NA	NA
648	72.5		NA	10.33	NA	NA
649	77.5		NA	10.43	NA	NA
650	82.5		NA	10.51	NA	NA
651	87.5		NA	10.56	NA	NA
652	92.5		NA	10.64	NA	NA
653	97.5		NA	10.73	NA	NA
654	102.5		NA	11.85	NA	NA
655	107.5		NA	11.89	NA	NA
656	112.5		NA	11.99	NA	NA
657	117.5		NA	12.08	NA	NA
658	122.5		NA	12.16	NA	NA
659	127.5		NA	12.21	NA	NA
660	132.5		NA	12.29	NA	NA
661	137.5		NA	12.39	NA	NA
662	142.5		NA	12.44	NA	NA
663	147.5		NA	12.52	NA	NA
664	152.5		NA	12.61	NA	NA
665	157.5		NA	12.69	NA	NA
666	162.5		NA	12.74	NA	NA
667	167.5		NA	12.83	NA	NA
668	172.5		NA	12.92	NA	NA
669	177.5		NA	16.10	NA	NA
670	182.5		NA	16.14	NA	NA
671	187.5		NA	16.22	NA	NA
672	192.5		NA	16.31	NA	NA
673	197.5		NA	16.40	NA	NA
674	202.5		NA	16.46	NA	NA
675	207.5		NA	16.54	NA	NA
676	212.5		NA	16.63	NA	NA
677	217.5		NA	16.68	NA	NA
678	222.5		NA	16.76	NA	NA
679	227.5		NA	16.84	NA	NA
680	232.5		NA	16.94	NA	NA
681	237.5		NA	16.98	NA	NA
682	242.5		NA	17.07	NA	NA
683	247.5		NA	17.15	NA	NA
684	252.5		NA	17.24	NA	NA
685	257.5		NA	17.29	NA	NA
686	262.5		NA	17.37	NA	NA
687	267.5		NA	17.46	NA	NA
688	272.5		NA	17.55	NA	NA
689	277.5		NA	17.59	NA	NA
690	282.5		NA	17.68	NA	NA

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2024 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT B  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING UTILITY DISTRIBUTION COMPANY (UDC) RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)	PRESENT UDC RATE (\$/Lamp) (C)	2024 UDC RATE (\$/Lamp) (D)		
691	287.5		NA	17.76	NA	NA
692	292.5		NA	17.85	NA	NA
693	297.5		NA	17.90	NA	NA
694	302.5		NA	17.99	NA	NA
695	307.5		NA	18.07	NA	NA
696	312.5		NA	18.11	NA	NA
697	317.5		NA	18.20	NA	NA
698	322.5		NA	18.29	NA	NA
699	327.5		NA	18.38	NA	NA
700	332.5		NA	18.43	NA	NA
701	337.5		NA	18.51	NA	NA
702	342.5		NA	18.60	NA	NA
703	347.5		NA	18.69	NA	NA
704	352.5		NA	18.72	NA	NA
705	357.5		NA	18.82	NA	NA
706	362.5		NA	18.91	NA	NA
707	367.5		NA	18.99	NA	NA
708	372.5		NA	19.04	NA	NA
709	377.5		NA	19.12	NA	NA
710	382.5		NA	19.21	NA	NA
711	387.5		NA	19.25	NA	NA
712	392.5		NA	19.34	NA	NA
713	397.5		NA	19.43	NA	NA
714						
715	OL-2					
716	Energy Charge (\$/kwh)		0.23612	0.22351	(0.01)	-5.3%
717	Basic Service Fee (\$/month)		11.47	11.47	0.00	0.0%
718						
719	DWL, Facilities Charges					
720	\$ of Utility Investment		0.00790	0.00790	0.00	0.0%
721	DWL, Energy and Lamp Maintenance Charge					
722	50 Watt HPSV		4.97	5.45	0.48	9.7%
723	DWL, Minimum Charge		59.94	50.42	(9.52)	-15.9%

## **ATTACHMENT C**

Comparison of Present and Illustrative Proposed Street Lighting Total Rates

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2019 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT C**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING TOTAL RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE	% CHANGE
	WATTS (A)	LUMENS (B)	PRESENT TOTAL RATE (\$/Lamp) (C)	2024 TOTAL RATE (\$/Lamp) (D)		
1	LS-1, Mercury Vapor, Class A, Reactor Ballast					
2	175	7000	26.94	29.14	2.20	8.2%
3	LS-1, Mercury Vapor, Class A, Regulator Ballast					
4	175	7000	28.73	30.94	2.21	7.7%
5	400	20000	56.63	59.73	3.10	5.5%
6	LS-1, HPSV, Class A, Reactor Ballast					
7	70	5800	15.15	16.38	1.23	8.1%
8	100	9500	18.77	19.96	1.19	6.3%
9	150	16000	24.09	25.37	1.28	5.3%
10	LS-1, HPSV, Class A, Regulator Ballast					
11	200	22000	32.23	33.60	1.37	4.3%
12	250	30000	39.63	40.94	1.31	3.3%
13	400	50000	55.85	57.16	1.31	2.3%
14	LS-1, HPSV, Class B, 1-Lamp, Reactor Ballast					
15	70	5800	15.51	17.02	1.51	9.7%
16	100	9500	19.19	20.88	1.69	8.8%
17	150	16000	24.35	25.85	1.50	6.2%
18	LS-1, HPSV, Class B, 1-Lamp, Regulator Ballast					
19	200	22000	32.40	33.79	1.39	4.3%
20	250	30000	39.82	41.79	1.97	4.9%
21	400	50000	55.95	58.29	2.34	4.2%
22	LS-1, HPSV, Class B, 2-Lamp, Reactor Ballast					
23	70	5800	14.35	15.51	1.16	8.1%
24	100	9500	17.97	19.47	1.50	8.3%
25	150	16000	23.29	24.86	1.57	6.7%
26	LS-1, HPSV, Class B, 2-Lamp, Regulator Ballast					
27	200	22000	31.43	33.60	2.17	6.9%
28	250	30000	38.92	41.31	2.39	6.1%
29	400	50000	55.04	56.28	1.24	2.3%
30	LS-1, HPSV, Class C, 1-Lamp, Reactor Ballast					
31	70	5800	19.29	20.63	1.34	6.9%
32	100	9500	22.86	24.44	1.58	6.9%
33	150	16000	28.03	29.37	1.34	4.8%
34	LS-1, HPSV, Class C, 1-Lamp, Regulator Ballast					
35	200	22000	36.96	38.22	1.26	3.4%
36	250	30000	43.92	45.85	1.93	4.4%
37	400	50000	61.65	64.10	2.45	4.0%
38	LS-1, HPSV, Class C, 2-Lamp, Reactor Ballast					
39	70	5800	15.22	16.97	1.75	11.5%
40	100	9500	19.03	21.22	2.19	11.5%
41	150	16000	24.15	26.18	2.03	8.4%
42	LS-1, HPSV, Class C, 2-Lamp, Regulator Ballast					
43	200	22000	31.69	34.48	2.79	8.8%
44	250	30000	39.74	42.91	3.17	8.0%
45	400	50000	55.39	56.52	1.13	2.0%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2019 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT C**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING TOTAL RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE	% CHANGE
	WATTS (A)	LUMENS (B)	PRESENT RATE (\$/Lamp) (C)	2024 TOTAL RATE (\$/Lamp) (D)		
46	LS-1, LPSV, Class A					
47	55	8000	18.55	19.65	1.10	5.9%
48	90	13500	24.89	26.29	1.40	5.6%
49	135	22500	31.74	33.10	1.36	4.3%
50	180	33000	35.90	38.18	2.28	6.4%
51	LS-1, LPSV, Class B, 1-Lamp					
52	55	8000	18.86	20.54	1.68	8.9%
53	90	13500	25.20	27.18	1.98	7.9%
54	135	22500	31.90	33.99	2.09	6.6%
55	180	33000	36.06	39.07	3.01	8.3%
56	LS-1, LPSV, Class B, 2-Lamp					
57	55	8000	18.24	19.84	1.60	8.8%
58	90	13500	24.58	26.48	1.90	7.7%
59	135	22500	31.62	34.18	2.56	8.1%
60	180	33000	35.77	39.26	3.49	9.8%
61	LS-1, LPSV, Class C, 1-Lamp					
62	55	8000	21.72	23.46	1.74	8.0%
63	90	13500	27.63	29.43	1.80	6.5%
64	135	22500	35.05	37.10	2.05	5.8%
65	180	33000	38.53	40.70	2.17	5.6%
66	LS-1, LPSV, Class C, 2-Lamp					
67	55	8000	18.27	19.88	1.61	8.8%
68	90	13500	24.63	26.56	1.93	7.8%
69	135	22500	31.90	33.88	1.98	6.2%
70	180	33000	35.80	39.32	3.52	9.8%
71	LS-1, Metal Halide, Class A					
72	100	8500	19.05	20.70	1.65	8.7%
73	175	12000	26.65	28.35	1.70	6.4%
74	250	18000	34.91	36.67	1.76	5.0%
75	400	32000	51.17	53.17	2.00	3.9%
76	LS-1, Metal Halide, Class B					
77	100	8500	19.71	21.59	1.88	9.5%
78	175	12000	27.31	29.23	1.92	7.0%
79	250	18000	35.57	37.56	1.99	5.6%
80	400	32000	51.83	54.06	2.23	4.3%
81	LS-1, Metal Halide, Class C					
82	100	8500	29.88	34.67	4.79	16.0%
83	175	12000	37.48	42.31	4.83	12.9%
84	250	18000	45.74	50.64	4.90	10.7%
85	400	32000	62.00	67.14	5.14	8.3%
86	LS-1 Pole in Non-Standard Position					
87	30-foot		5.86	4.74	(1.12)	-19.1%
88	35-foot		5.90	4.80	(1.10)	-18.6%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2019 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT C**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING TOTAL RATES**

LINE NO.	DESCRIPTION		1/1/2023 PRESENT TOTAL RATE (\$/Lamp) (C)	PROPOSED 2024 TOTAL RATE (\$/Lamp) (D)	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)				
89	LS-1, LED, Rate A, Energy, 1-Lamp					
90	2.5		9.63	7.04	(2.59)	-26.9%
91	7.5		10.00	7.40	(2.60)	-26.0%
92	12.5		10.18	7.58	(2.60)	-25.5%
93	17.5		10.53	7.94	(2.59)	-24.6%
94	22.5		10.88	8.29	(2.59)	-23.8%
95	27.5		11.25	8.65	(2.60)	-23.1%
96	32.5		11.42	9.51	(1.91)	-16.7%
97	37.5		11.78	9.87	(1.91)	-16.2%
98	42.5		12.51	10.61	(1.90)	-15.2%
99	47.5		12.69	10.79	(1.90)	-15.0%
100	52.5		13.04	11.15	(1.89)	-14.5%
101	57.5		13.41	11.51	(1.90)	-14.2%
102	62.5		13.76	11.86	(1.90)	-13.8%
103	67.5		13.93	12.03	(1.90)	-13.6%
104	72.5		15.47	14.07	(1.40)	-9.0%
105	77.5		15.84	14.44	(1.40)	-8.8%
106	82.5		16.18	14.78	(1.40)	-8.7%
107	87.5		16.37	14.97	(1.40)	-8.6%
108	92.5		16.72	15.31	(1.41)	-8.4%
109	97.5		17.08	15.67	(1.41)	-8.3%
110	102.5		18.61	17.52	(1.09)	-5.9%
111	107.5		18.79	17.69	(1.10)	-5.9%
112	112.5		19.15	18.06	(1.09)	-5.7%
113	117.5		19.51	18.42	(1.09)	-5.6%
114	122.5		19.87	18.77	(1.10)	-5.5%
115	127.5		20.05	18.95	(1.10)	-5.5%
116	132.5		20.40	19.30	(1.10)	-5.4%
117	137.5		20.77	19.67	(1.10)	-5.3%
118	142.5		20.95	19.85	(1.10)	-5.3%
119	147.5		21.30	20.20	(1.10)	-5.2%
120	152.5		21.66	20.56	(1.10)	-5.1%
121	157.5		22.01	20.90	(1.11)	-5.0%
122	162.5		22.20	21.09	(1.11)	-5.0%
123	167.5		22.56	21.45	(1.11)	-4.9%
124	172.5		22.91	21.80	(1.11)	-4.8%
125	177.5		26.46	25.41	(1.05)	-4.0%
126	182.5		26.64	25.59	(1.05)	-3.9%
127	187.5		26.98	25.93	(1.05)	-3.9%
128	192.5		27.35	26.29	(1.06)	-3.9%
129	197.5		27.71	26.65	(1.06)	-3.8%
130	202.5		27.89	26.84	(1.05)	-3.8%
131	207.5		28.25	27.19	(1.06)	-3.8%
132	212.5		28.61	27.55	(1.06)	-3.7%
133	217.5		28.79	27.73	(1.06)	-3.7%
134	222.5		29.15	28.08	(1.07)	-3.7%



**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2019 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT C**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING TOTAL RATES**

LINE NO.	DESCRIPTION		1/1/2023 PRESENT TOTAL RATE (\$/Lamp) (C)	PROPOSED 2024 TOTAL RATE (\$/Lamp) (D)	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)				
135	227.5		29.50	28.43	(1.07)	-3.6%
136	232.5		29.86	28.80	(1.06)	-3.5%
137	237.5		30.03	28.97	(1.06)	-3.5%
138	242.5		30.40	29.33	(1.07)	-3.5%
139	247.5		30.75	29.68	(1.07)	-3.5%
140	252.5		31.11	30.03	(1.08)	-3.5%
141	257.5		31.30	30.22	(1.08)	-3.5%
142	262.5		31.64	30.56	(1.08)	-3.4%
143	267.5		31.99	30.92	(1.07)	-3.3%
144	272.5		32.36	31.28	(1.08)	-3.3%
145	277.5		32.53	31.45	(1.08)	-3.3%
146	282.5		32.89	31.81	(1.08)	-3.3%
147	287.5		33.25	32.16	(1.09)	-3.3%
148	292.5		33.61	32.52	(1.09)	-3.2%
149	297.5		33.78	32.70	(1.08)	-3.2%
150	302.5		34.15	33.06	(1.09)	-3.2%
151	307.5		34.50	33.41	(1.09)	-3.2%
152	312.5		34.67	33.58	(1.09)	-3.1%
153	317.5		35.03	33.94	(1.09)	-3.1%
154	322.5		35.40	34.30	(1.10)	-3.1%
155	327.5		35.74	34.65	(1.09)	-3.0%
156	332.5		35.93	34.84	(1.09)	-3.0%
157	337.5		36.29	35.19	(1.10)	-3.0%
158	342.5		36.64	35.54	(1.10)	-3.0%
159	347.5		37.00	35.90	(1.10)	-3.0%
160	352.5		37.18	36.07	(1.11)	-3.0%
161	357.5		37.53	36.43	(1.10)	-2.9%
162	362.5		37.89	36.79	(1.10)	-2.9%
163	367.5		38.25	37.14	(1.11)	-2.9%
164	372.5		38.43	37.32	(1.11)	-2.9%
165	377.5		38.78	37.67	(1.11)	-2.9%
166	382.5		39.15	38.03	(1.12)	-2.9%
167	387.5		39.32	38.20	(1.12)	-2.8%
168	392.5		39.67	38.56	(1.11)	-2.8%
169	397.5		40.03	38.92	(1.11)	-2.8%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2019 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT C**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING TOTAL RATES**

LINE NO.	DESCRIPTION		1/1/2023 PRESENT TOTAL RATE (\$/Lamp) (C)	PROPOSED 2024 TOTAL RATE (\$/Lamp) (D)	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)				
170	LS-1, LED, Rate B, Energy, 1-Lamp					
171	2.5		9.99	7.04	(2.95)	-29.5%
172	7.5		10.36	7.40	(2.96)	-28.6%
173	12.5		10.54	7.58	(2.96)	-28.1%
174	17.5		10.89	7.94	(2.95)	-27.1%
175	22.5		11.24	8.29	(2.95)	-26.2%
176	27.5		11.61	8.65	(2.96)	-25.5%
177	32.5		11.78	9.51	(2.27)	-19.3%
178	37.5		12.14	9.87	(2.27)	-18.7%
179	42.5		12.93	10.61	(2.32)	-17.9%
180	47.5		13.11	10.79	(2.32)	-17.7%
181	52.5		13.46	11.15	(2.31)	-17.2%
182	57.5		13.83	11.51	(2.32)	-16.8%
183	62.5		14.18	11.86	(2.32)	-16.4%
184	67.5		14.35	12.03	(2.32)	-16.2%
185	72.5		15.73	14.07	(1.66)	-10.6%
186	77.5		16.10	14.44	(1.66)	-10.3%
187	82.5		16.44	14.78	(1.66)	-10.1%
188	87.5		16.63	14.97	(1.66)	-10.0%
189	92.5		16.98	15.31	(1.67)	-9.8%
190	97.5		17.34	15.67	(1.67)	-9.6%
191	102.5		18.78	17.52	(1.26)	-6.7%
192	107.5		18.96	17.69	(1.27)	-6.7%
193	112.5		19.32	18.06	(1.26)	-6.5%
194	117.5		19.68	18.42	(1.26)	-6.4%
195	122.5		20.04	18.77	(1.27)	-6.3%
196	127.5		20.22	18.95	(1.27)	-6.3%
197	132.5		20.57	19.30	(1.27)	-6.2%
198	137.5		20.94	19.67	(1.27)	-6.1%
199	142.5		21.12	19.85	(1.27)	-6.0%
200	147.5		21.47	20.20	(1.27)	-5.9%
201	152.5		21.83	20.56	(1.27)	-5.8%
202	157.5		22.18	20.90	(1.28)	-5.8%
203	162.5		22.37	21.09	(1.28)	-5.7%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2019 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT C**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING TOTAL RATES**

LINE NO.	DESCRIPTION		1/1/2023 PRESENT TOTAL RATE (\$/Lamp) (C)	PROPOSED 2024 TOTAL RATE (\$/Lamp) (D)	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)				
204	167.5		22.73	21.45	(1.28)	-5.6%
205	172.5		23.08	21.80	(1.28)	-5.5%
206	177.5		26.56	25.41	(1.15)	-4.3%
207	182.5		26.74	25.59	(1.15)	-4.3%
208	187.5		27.08	25.93	(1.15)	-4.2%
209	192.5		27.45	26.29	(1.16)	-4.2%
210	197.5		27.81	26.65	(1.16)	-4.2%
211	202.5		27.99	26.84	(1.15)	-4.1%
212	207.5		28.35	27.19	(1.16)	-4.1%
213	212.5		28.71	27.55	(1.16)	-4.0%
214	217.5		28.89	27.73	(1.16)	-4.0%
215	222.5		29.25	28.08	(1.17)	-4.0%
216	227.5		29.60	28.43	(1.17)	-4.0%
217	232.5		29.96	28.80	(1.16)	-3.9%
218	237.5		30.13	28.97	(1.16)	-3.8%
219	242.5		30.50	29.33	(1.17)	-3.8%
220	247.5		30.85	29.68	(1.17)	-3.8%
221	252.5		31.21	30.03	(1.18)	-3.8%
222	257.5		31.40	30.22	(1.18)	-3.8%
223	262.5		31.74	30.56	(1.18)	-3.7%
224	267.5		32.09	30.92	(1.17)	-3.6%
225	272.5		32.46	31.28	(1.18)	-3.6%
226	277.5		32.63	31.45	(1.18)	-3.6%
227	282.5		32.99	31.81	(1.18)	-3.6%
228	287.5		33.35	32.16	(1.19)	-3.6%
229	292.5		33.71	32.52	(1.19)	-3.5%
230	297.5		33.88	32.70	(1.18)	-3.5%
231	302.5		34.25	33.06	(1.19)	-3.5%
232	307.5		34.60	33.41	(1.19)	-3.4%
233	312.5		34.77	33.58	(1.19)	-3.4%
234	317.5		35.13	33.94	(1.19)	-3.4%
235	322.5		35.50	34.30	(1.20)	-3.4%
236	327.5		35.84	34.65	(1.19)	-3.3%
237	332.5		36.03	34.84	(1.19)	-3.3%
238	337.5		36.39	35.19	(1.20)	-3.3%
239	342.5		36.74	35.54	(1.20)	-3.3%
240	347.5		37.10	35.90	(1.20)	-3.2%
241	352.5		37.28	36.07	(1.21)	-3.2%
242	357.5		37.63	36.43	(1.20)	-3.2%
243	362.5		37.99	36.79	(1.20)	-3.2%
244	367.5		38.35	37.14	(1.21)	-3.2%
245	372.5		38.53	37.32	(1.21)	-3.1%
246	377.5		38.88	37.67	(1.21)	-3.1%
247	382.5		39.25	38.03	(1.22)	-3.1%
248	387.5		39.42	38.20	(1.22)	-3.1%
249	392.5		39.77	38.56	(1.21)	-3.0%
250	397.5		40.13	38.92	(1.21)	-3.0%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2019 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT C  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING TOTAL RATES**

LINE NO.	DESCRIPTION		1/1/2023 PRESENT TOTAL RATE (\$/Lamp) (C)	PROPOSED 2024 TOTAL RATE (\$/Lamp) (D)	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)				
251	LS-1, LED, Rate B, Energy, 2-Lamp					
252	2.5		5.67	5.12	(0.55)	-9.7%
253	7.5		6.04	5.48	(0.56)	-9.3%
254	12.5		6.22	5.66	(0.56)	-9.0%
255	17.5		6.57	6.02	(0.55)	-8.4%
256	22.5		6.92	6.37	(0.55)	-7.9%
257	27.5		7.29	6.73	(0.56)	-7.7%
258	32.5		7.46	7.59	0.13	1.7%
259	37.5		7.82	7.95	0.13	1.7%
260	42.5		8.54	8.68	0.14	1.6%
261	47.5		8.72	8.86	0.14	1.6%
262	52.5		9.07	9.22	0.15	1.7%
263	57.5		9.44	9.58	0.14	1.5%
264	62.5		9.79	9.93	0.14	1.4%
265	67.5		9.96	10.10	0.14	1.4%
266	72.5		11.18	12.10	0.92	8.2%
267	77.5		11.55	12.47	0.92	8.0%
268	82.5		11.89	12.81	0.92	7.7%
269	87.5		12.08	13.00	0.92	7.6%
270	92.5		12.43	13.34	0.91	7.3%
271	97.5		12.79	13.70	0.91	7.1%
272	102.5		14.40	15.50	1.10	7.6%
273	107.5		14.58	15.67	1.09	7.5%
274	112.5		14.94	16.04	1.10	7.4%
275	117.5		15.30	16.40	1.10	7.2%
276	122.5		15.66	16.75	1.09	7.0%
277	127.5		15.84	16.93	1.09	6.9%
278	132.5		16.19	17.28	1.09	6.7%
279	137.5		16.56	17.65	1.09	6.6%
280	142.5		16.74	17.83	1.09	6.5%
281	147.5		17.09	18.18	1.09	6.4%
282	152.5		17.45	18.54	1.09	6.2%
283	157.5		17.80	18.88	1.08	6.1%
284	162.5		17.99	19.07	1.08	6.0%
285	167.5		18.35	19.43	1.08	5.9%
286	172.5		18.70	19.78	1.08	5.8%
287	177.5		21.49	23.37	1.88	8.7%
288	182.5		21.67	23.55	1.88	8.7%
289	187.5		22.01	23.89	1.88	8.5%
290	192.5		22.38	24.25	1.87	8.4%
291	197.5		22.74	24.61	1.87	8.2%
292	202.5		22.92	24.80	1.88	8.2%
293	207.5		23.28	25.15	1.87	8.0%
294	212.5		23.64	25.51	1.87	7.9%
295	217.5		23.82	25.69	1.87	7.9%
296	222.5		24.18	26.04	1.86	7.7%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2019 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT C**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING TOTAL RATES**

LINE NO.	DESCRIPTION		1/1/2023 PRESENT TOTAL RATE (\$/Lamp) (C)	PROPOSED 2024 TOTAL RATE (\$/Lamp) (D)	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)				
297	227.5		24.53	26.39	1.86	7.6%
298	232.5		24.89	26.76	1.87	7.5%
299	237.5		25.06	26.93	1.87	7.5%
300	242.5		25.43	27.29	1.86	7.3%
301	247.5		25.78	27.64	1.86	7.2%
302	252.5		26.14	27.99	1.85	7.1%
303	257.5		26.33	28.18	1.85	7.0%
304	262.5		26.67	28.52	1.85	6.9%
305	267.5		27.02	28.88	1.86	6.9%
306	272.5		27.39	29.24	1.85	6.8%
307	277.5		27.56	29.41	1.85	6.7%
308	282.5		27.92	29.77	1.85	6.6%
309	287.5		28.28	30.12	1.84	6.5%
310	292.5		28.64	30.48	1.84	6.4%
311	297.5		28.81	30.66	1.85	6.4%
312	302.5		29.18	31.02	1.84	6.3%
313	307.5		29.53	31.37	1.84	6.2%
314	312.5		29.70	31.54	1.84	6.2%
315	317.5		30.06	31.90	1.84	6.1%
316	322.5		30.43	32.26	1.83	6.0%
317	327.5		30.77	32.61	1.84	6.0%
318	332.5		30.96	32.80	1.84	5.9%
319	337.5		31.32	33.15	1.83	5.8%
320	342.5		31.67	33.50	1.83	5.8%
321	347.5		32.03	33.86	1.83	5.7%
322	352.5		32.21	34.03	1.82	5.7%
323	357.5		32.56	34.39	1.83	5.6%
324	362.5		32.92	34.75	1.83	5.6%
325	367.5		33.28	35.10	1.82	5.5%
326	372.5		33.46	35.28	1.82	5.4%
327	377.5		33.81	35.63	1.82	5.4%
328	382.5		34.18	35.99	1.81	5.3%
329	387.5		34.35	36.16	1.81	5.3%
330	392.5		34.70	36.52	1.82	5.2%
331	397.5		35.06	36.88	1.82	5.2%
332	LS-2, Mercury Vapor, Rate A, Regulator Ballast					
333	175	7000	21.29	21.41	0.12	0.6%
334	250	10000	29.50	29.66	0.16	0.5%
335	400	20000	46.63	46.89	0.26	0.6%
336	700	35000	79.03	79.47	0.44	0.6%
337	1000	55000	111.48	112.10	0.62	0.6%
338	LS-2, Mercury Vapor, Rate A, Reactor Ballast					
339	175	7000	19.50	19.60	0.10	0.5%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2019 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT C  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING TOTAL RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE	% CHANGE
	WATTS (A)	LUMENS (B)	PRESENT TOTAL RATE (\$/Lamp) (C)	2024 TOTAL RATE (\$/Lamp) (D)		
340	LS-2, Mercury Vapor, Rate A, Series Service					
341	175	7000	26.14	27.15	1.01	3.9%
342	250	10000	31.58	32.80	1.22	3.9%
343	400	20000	56.05	58.21	2.16	3.9%
344	700	35000	98.45	102.24	3.79	3.8%
345	LS-2, Mercury Vapor, Rate B, Regulator Ballast					
346	175	7000	23.04	23.61	0.57	2.5%
347	250	10000	31.26	31.86	0.60	1.9%
348	400	20000	48.38	49.10	0.72	1.5%
349	LS-2, Mercury Vapor, Rate B, Series Service					
350	175	7000	27.89	29.35	1.46	5.2%
351	LS-2, HPSV, Rate A, Energy, Regulator Ballast					
352	50	4000	5.85	5.88	0.03	0.5%
353	70	5800	10.21	10.27	0.06	0.6%
354	100	9500	14.29	14.37	0.08	0.6%
355	150	16000	19.54	19.64	0.10	0.5%
356	200	22000	24.84	24.98	0.14	0.6%
357	250	30000	31.75	31.93	0.18	0.6%
358	310	37000	38.79	39.00	0.21	0.5%
359	400	50000	48.14	48.41	0.27	0.6%
360	1000	140000	111.48	112.10	0.62	0.6%
361	LS-2, HPSV, Rate A, Energy, Reactor Ballast					
362	50	4000	5.00	5.03	0.03	0.6%
363	70	5800	8.42	8.48	0.06	0.7%
364	100	9500	11.91	11.98	0.07	0.6%
365	150	16000	17.25	17.34	0.09	0.5%
366	LS-2, HPSV, Rate A, Series Service					
367	50	4,000	8.03	8.34	0.31	3.9%
368	70	5800	13.52	14.04	0.52	3.8%
369	100	9500	15.25	15.84	0.59	3.9%
370	150	16000	21.87	22.72	0.85	3.9%
371	200	22000	29.42	30.56	1.14	3.9%
372	250	30000	39.55	41.07	1.52	3.8%
373	LS-2, HPSV, Rate B, Regulator Ballast					
374	50	4000	7.61	8.09	0.48	6.3%
375	70	5800	11.97	12.47	0.50	4.2%
376	100	9500	16.04	16.57	0.53	3.3%
377	150	16000	21.29	21.85	0.56	2.6%
378	200	22000	26.59	27.18	0.59	2.2%
379	250	30000	33.51	34.14	0.63	1.9%
380	310	37000	40.54	41.20	0.66	1.6%
381	400	50000	49.89	50.61	0.72	1.4%
382	1000	140000	113.23	114.30	1.07	0.9%
383	LS-2, HPSV, Rate B, Reactor Ballast					
384	50	4000	6.76	7.24	0.48	7.1%
385	70	5800	10.18	10.68	0.50	4.9%
386	100	9500	13.66	14.18	0.52	3.8%
387	150	16000	19.00	19.55	0.55	2.9%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2019 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT C  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING TOTAL RATES**

LINE NO.	DESCRIPTION		1/1/2023	PROPOSED	CHANGE	% CHANGE
	WATTS (A)	LUMENS (B)	PRESENT TOTAL RATE (\$/Lamp) (C)	2024 TOTAL RATE (\$/Lamp) (D)		
388	LS-2, HPSV, Rate B, Series Service					
389	50	4,000	9.79	10.55	0.76	7.8%
390	70	5800	15.28	16.24	0.96	6.3%
391	100	9500	17.00	18.04	1.04	6.1%
392	150	16000	23.63	24.93	1.30	5.5%
393	200	22000	31.17	32.76	1.59	5.1%
394	250	30000	41.30	43.27	1.97	4.8%
395	LS-2, LPSV, Rate A					
396	35	4800	6.73	6.76	0.03	0.4%
397	55	8000	8.98	9.04	0.06	0.7%
398	90	13500	14.63	14.71	0.08	0.5%
399	135	22500	20.78	20.90	0.12	0.6%
400	180	33000	23.87	24.01	0.14	0.6%
401	LS-2, LPSV, Rate A, Series Service					
402	35	4800	6.25	6.49	0.24	3.8%
403	55	8,000	9.08	9.43	0.35	3.9%
404	90	13,500	16.37	17.00	0.63	3.8%
405	135	22,500	23.30	24.20	0.90	3.9%
406	180	33,000	27.63	28.70	1.07	3.9%
407	LS-2, Incandescent Lamps, Rate A, Energy Only					
408		1000	7.32	7.37	0.05	0.7%
409		2,500	16.36	16.45	0.09	0.6%
410		4000	29.80	29.96	0.16	0.5%
411		6000	41.07	41.30	0.23	0.6%
412		10000	61.55	61.90	0.35	0.6%
413	LS-2, Incandescent Lamps, Rate B					
414		6000	42.83	43.50	0.67	1.6%
415	LS-2, Metal Halide, Rate A					
416	50	2100	6.94	6.98	0.04	0.6%
417	100	8500	13.39	13.46	0.07	0.5%
418	175	12000	20.99	21.11	0.12	0.6%
419	250	18000	29.16	29.32	0.16	0.5%
420	400	32000	44.93	45.18	0.25	0.6%
421	LS-2, Metal Halide, Rate B					
422	50	2100	8.69	9.18	0.49	5.6%
423	100	8500	15.14	15.66	0.52	3.4%
424	175	12000	22.74	23.31	0.57	2.5%
425	250	18000	30.92	31.52	0.60	1.9%
426	400	32000	46.69	47.39	0.70	1.5%
427	LS-2, Induction, Rate A, Five-Lamp					
428	55	3500	27.76	27.92	0.16	0.6%
429	87	6000	44.04	44.28	0.24	0.5%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2019 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT C  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING TOTAL RATES**

LINE NO.	DESCRIPTION		1/1/2023 PRESENT TOTAL RATE (\$/Lamp) (C)	PROPOSED 2024 TOTAL RATE (\$/Lamp) (D)	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)				
430	LS-2, Induction, Rate A, Single-Lamp					
431	40		4.06	4.08	0.02	0.5%
432	50		5.00	5.03	0.03	0.6%
433	55		5.55	5.58	0.03	0.5%
434	70		7.02	7.06	0.04	0.6%
435	80		8.14	8.19	0.05	0.6%
436	85		8.69	8.75	0.06	0.7%
437	100		10.17	10.23	0.06	0.6%
438	150		15.16	15.25	0.09	0.6%
439	165		16.65	16.74	0.09	0.5%
440	200		20.17	20.28	0.11	0.5%
441	250		25.35	25.50	0.15	0.6%
442	300		30.35	30.53	0.18	0.6%
443	400		40.52	40.74	0.22	0.5%
444	LS-2, LED, Rate A, Energy, 1-Lamp					
445	2.5		0.27	0.27	0.00	0.0%
446	7.5		0.83	0.83	0.00	0.0%
447	12.5		1.21	1.21	0.00	0.0%
448	17.5		1.76	1.77	0.01	0.6%
449	22.5		2.30	2.32	0.02	0.9%
450	27.5		2.87	2.88	0.01	0.3%
451	32.5		3.23	3.25	0.02	0.6%
452	37.5		3.79	3.81	0.02	0.5%
453	42.5		4.35	4.36	0.01	0.2%
454	47.5		4.72	4.74	0.02	0.4%
455	52.5		5.27	5.30	0.03	0.6%
456	57.5		5.83	5.86	0.03	0.5%
457	62.5		6.38	6.41	0.03	0.5%
458	67.5		6.75	6.78	0.03	0.4%
459	72.5		7.30	7.35	0.05	0.7%
460	77.5		7.87	7.92	0.05	0.6%
461	82.5		8.41	8.46	0.05	0.6%
462	87.5		8.79	8.85	0.06	0.7%
463	92.5		9.34	9.39	0.05	0.5%
464	97.5		9.89	9.95	0.06	0.6%
465	102.5		10.44	10.50	0.06	0.6%
466	107.5		10.82	10.87	0.05	0.5%
467	112.5		11.37	11.44	0.07	0.6%
468	117.5		11.93	12.00	0.07	0.6%
469	122.5		12.48	12.55	0.07	0.6%
470	127.5		12.86	12.93	0.07	0.5%
471	132.5		13.41	13.48	0.07	0.5%
472	137.5		13.97	14.05	0.08	0.6%
473	142.5		14.35	14.43	0.08	0.6%
474	147.5		14.89	14.98	0.09	0.6%



**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2019 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT C  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING TOTAL RATES**

LINE NO.	DESCRIPTION		1/1/2023 PRESENT TOTAL RATE (\$/Lamp) (C)	PROPOSED 2024 TOTAL RATE (\$/Lamp) (D)	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)				
475	152.5		15.45	15.54	0.09	0.6%
476	157.5		16.00	16.08	0.08	0.5%
477	162.5		16.38	16.47	0.09	0.5%
478	167.5		16.94	17.03	0.09	0.5%
479	172.5		17.48	17.58	0.10	0.6%
480	177.5		18.04	18.14	0.10	0.6%
481	182.5		18.42	18.52	0.10	0.5%
482	187.5		18.95	19.06	0.11	0.6%
483	192.5		19.52	19.62	0.10	0.5%
484	197.5		20.08	20.18	0.10	0.5%
485	202.5		20.45	20.57	0.12	0.6%
486	207.5		21.01	21.13	0.12	0.6%
487	212.5		21.56	21.69	0.13	0.6%
488	217.5		21.94	22.07	0.13	0.6%
489	222.5		22.50	22.62	0.12	0.5%
490	227.5		23.04	23.17	0.13	0.6%
491	232.5		23.60	23.74	0.14	0.6%
492	237.5		23.96	24.11	0.15	0.6%
493	242.5		24.53	24.67	0.14	0.6%
494	247.5		25.08	25.22	0.14	0.6%
495	252.5		25.63	25.77	0.14	0.5%
496	257.5		26.02	26.16	0.14	0.5%
497	262.5		26.55	26.70	0.15	0.6%
498	267.5		27.10	27.26	0.16	0.6%
499	272.5		27.67	27.82	0.15	0.5%
500	277.5		28.03	28.19	0.16	0.6%
501	282.5		28.59	28.75	0.16	0.6%
502	287.5		29.14	29.30	0.16	0.5%
503	292.5		29.70	29.86	0.16	0.5%
504	297.5		30.07	30.24	0.17	0.6%
505	302.5		30.63	30.80	0.17	0.6%
506	307.5		31.18	31.35	0.17	0.5%
507	312.5		31.55	31.72	0.17	0.5%
508	317.5		32.10	32.28	0.18	0.6%
509	322.5		32.67	32.84	0.17	0.5%
510	327.5		33.20	33.39	0.19	0.6%
511	332.5		33.59	33.78	0.19	0.6%
512	337.5		34.15	34.33	0.18	0.5%
513	342.5		34.69	34.89	0.20	0.6%
514	347.5		35.25	35.45	0.20	0.6%
515	352.5		35.62	35.82	0.20	0.6%
516	357.5		36.17	36.38	0.21	0.6%
517	362.5		36.73	36.94	0.21	0.6%
518	367.5		37.28	37.49	0.21	0.6%
519	372.5		37.66	37.87	0.21	0.6%
520	377.5		38.20	38.42	0.22	0.6%
521	382.5		38.77	38.98	0.21	0.5%
522	387.5		39.14	39.35	0.21	0.5%
523	392.5		39.68	39.91	0.23	0.6%
524	397.5		40.24	40.47	0.23	0.6%
525						

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2019 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT C**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING TOTAL RATES**

LINE NO.	DESCRIPTION		1/1/2023 PRESENT TOTAL RATE (\$/Lamp) (C)	PROPOSED 2024 TOTAL RATE (\$/Lamp) (D)	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)				
526	LS-2, Non-standard Lamp					
527	Energy Charge (\$/kWh/lamp/month)		0.24659	0.24596	(0.00)	-0.3%
528						
529	LS-3 (CLOSED)					
530	Energy Charge (\$/kWh)		0.27546	0.26874	(0.01)	-2.4%
531	Minimum Charge (\$/month)		7.58	7.58	0.00	0.0%
532						
533	OL-1, HPSV, Rate A, Street Light Luminaire — Reactor Ballast					
534	100	9500	18.89	20.09	1.20	6.4%
535	150	16000	24.21	25.50	1.29	5.3%
536	OL-1, HPSV, Rate A, Street Light Luminaire — Regulator Ballast					
537	250	30000	39.78	41.09	1.31	3.3%
538	400	50000	55.99	57.31	1.32	2.4%
539	1000	140000	120.44	123.58	3.14	2.6%
540	OL-1, HPSV, Rate B, Directional Luminaire					
541	250	30000	40.47	41.09	0.62	1.5%
542	400	50000	56.93	71.72	14.79	26.0%
543	1000	140000	121.78	122.63	0.85	0.7%

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2019 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT C  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING TOTAL RATES**

LINE NO.	DESCRIPTION		1/1/2023 PRESENT TOTAL RATE (\$/Lamp) (C)	PROPOSED 2024 TOTAL RATE (\$/Lamp) (D)	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)				
544	OL-1, LPSV, Rate A, Street Light Luminaire					
545	55	8000	18.74	19.84	1.10	5.9%
546	90	13000	25.09	26.50	1.41	5.6%
547	135	22500	31.96	33.32	1.36	4.3%
548	180	33000	36.15	38.45	2.30	6.4%
549	OL-1 Pole in Non-Standard Position					
550	30-foot		6.20	5.02	(1.18)	-19.0%
551	35-foot		6.24	5.08	(1.16)	-18.6%
552	OL-1, LED, Rate A, Energy					
553	2.5		NA	7.81	NA	NA
554	7.5		NA	8.17	NA	NA
555	12.5		NA	8.35	NA	NA
556	17.5		NA	8.71	NA	NA
557	22.5		NA	9.06	NA	NA
558	27.5		NA	9.42	NA	NA
559	32.5		NA	9.59	NA	NA
560	37.5		NA	9.95	NA	NA
561	42.5		NA	10.62	NA	NA
562	47.5		NA	10.80	NA	NA
563	52.5		NA	11.16	NA	NA
564	57.5		NA	11.52	NA	NA
565	62.5		NA	11.87	NA	NA
566	67.5		NA	12.04	NA	NA
567	72.5		NA	13.68	NA	NA
568	77.5		NA	14.05	NA	NA
569	82.5		NA	14.39	NA	NA
570	87.5		NA	14.58	NA	NA
571	92.5		NA	14.92	NA	NA
572	97.5		NA	15.28	NA	NA
573	102.5		NA	16.67	NA	NA
574	107.5		NA	16.84	NA	NA
575	112.5		NA	17.21	NA	NA
576	117.5		NA	17.57	NA	NA
577	122.5		NA	17.92	NA	NA
578	127.5		NA	18.10	NA	NA
579	132.5		NA	18.45	NA	NA
580	137.5		NA	18.82	NA	NA
581	142.5		NA	19.00	NA	NA
582	147.5		NA	19.35	NA	NA
583	152.5		NA	19.71	NA	NA
584	157.5		NA	20.05	NA	NA
585	162.5		NA	20.24	NA	NA
586	167.5		NA	20.60	NA	NA
587	172.5		NA	20.95	NA	NA
588	177.5		NA	24.40	NA	NA
589	182.5		NA	24.58	NA	NA
590	187.5		NA	24.92	NA	NA
591	192.5		NA	25.28	NA	NA
592	197.5		NA	25.64	NA	NA
593	202.5		NA	25.83	NA	NA
594	207.5		NA	26.18	NA	NA
595	212.5		NA	26.54	NA	NA
596	217.5		NA	26.72	NA	NA
597	222.5		NA	27.07	NA	NA
598	227.5		NA	27.42	NA	NA

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)**  
**TEST YEAR (TY) 2019 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT C**  
**COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING TOTAL RATES**

LINE NO.	DESCRIPTION		1/1/2023 PRESENT TOTAL RATE (\$/Lamp) (C)	PROPOSED 2024 TOTAL RATE (\$/Lamp) (D)	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)				
599	232.5		NA	27.79	NA	NA
600	237.5		NA	27.96	NA	NA
601	242.5		NA	28.32	NA	NA
602	247.5		NA	28.67	NA	NA
603	252.5		NA	29.02	NA	NA
604	257.5		NA	29.21	NA	NA
605	262.5		NA	29.55	NA	NA
606	267.5		NA	29.91	NA	NA
607	272.5		NA	30.27	NA	NA
608	277.5		NA	30.44	NA	NA
609	282.5		NA	30.80	NA	NA
610	287.5		NA	31.15	NA	NA
611	292.5		NA	31.51	NA	NA
612	297.5		NA	31.69	NA	NA
613	302.5		NA	32.05	NA	NA
614	307.5		NA	32.40	NA	NA
615	312.5		NA	32.57	NA	NA
616	317.5		NA	32.93	NA	NA
617	322.5		NA	33.29	NA	NA
618	327.5		NA	33.64	NA	NA
619	332.5		NA	33.83	NA	NA
620	337.5		NA	34.18	NA	NA
621	342.5		NA	34.53	NA	NA
622	347.5		NA	34.89	NA	NA
623	352.5		NA	35.06	NA	NA
624	357.5		NA	35.42	NA	NA
625	362.5		NA	35.78	NA	NA
626	367.5		NA	36.13	NA	NA
627	372.5		NA	36.31	NA	NA
628	377.5		NA	36.66	NA	NA
629	382.5		NA	37.02	NA	NA
630	387.5		NA	37.19	NA	NA
631	392.5		NA	37.55	NA	NA
632	397.5		NA	37.91	NA	NA
633	OL-1, LED, Rate B, Energy					
634	2.5		NA	7.81	NA	NA
635	7.5		NA	8.17	NA	NA
636	12.5		NA	8.35	NA	NA
637	17.5		NA	8.71	NA	NA
638	22.5		NA	9.06	NA	NA
639	27.5		NA	9.42	NA	NA
640	32.5		NA	9.59	NA	NA
641	37.5		NA	9.95	NA	NA
642	42.5		NA	10.62	NA	NA
643	47.5		NA	10.80	NA	NA
644	52.5		NA	11.16	NA	NA
645	57.5		NA	11.52	NA	NA
646	62.5		NA	11.87	NA	NA
647	67.5		NA	12.04	NA	NA
648	72.5		NA	13.68	NA	NA
649	77.5		NA	14.05	NA	NA
650	82.5		NA	14.39	NA	NA
651	87.5		NA	14.58	NA	NA
652	92.5		NA	14.92	NA	NA
653	97.5		NA	15.28	NA	NA

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2019 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT C  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING TOTAL RATES**

LINE NO.	DESCRIPTION		1/1/2023 PRESENT TOTAL RATE (\$/Lamp) (C)	PROPOSED 2024 TOTAL RATE (\$/Lamp) (D)	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)				
654	102.5		NA	16.67	NA	NA
655	107.5		NA	16.84	NA	NA
656	112.5		NA	17.21	NA	NA
657	117.5		NA	17.57	NA	NA
658	122.5		NA	17.92	NA	NA
659	127.5		NA	18.10	NA	NA
660	132.5		NA	18.45	NA	NA
661	137.5		NA	18.82	NA	NA
662	142.5		NA	19.00	NA	NA
663	147.5		NA	19.35	NA	NA
664	152.5		NA	19.71	NA	NA
665	157.5		NA	20.05	NA	NA
666	162.5		NA	20.24	NA	NA
667	167.5		NA	20.60	NA	NA
668	172.5		NA	20.95	NA	NA
669	177.5		NA	24.40	NA	NA
670	182.5		NA	24.58	NA	NA
671	187.5		NA	24.92	NA	NA
672	192.5		NA	25.28	NA	NA
673	197.5		NA	25.64	NA	NA
674	202.5		NA	25.83	NA	NA
675	207.5		NA	26.18	NA	NA
676	212.5		NA	26.54	NA	NA
677	217.5		NA	26.72	NA	NA
678	222.5		NA	27.07	NA	NA
679	227.5		NA	27.42	NA	NA
680	232.5		NA	27.79	NA	NA
681	237.5		NA	27.96	NA	NA
682	242.5		NA	28.32	NA	NA
683	247.5		NA	28.67	NA	NA
684	252.5		NA	29.02	NA	NA
685	257.5		NA	29.21	NA	NA
686	262.5		NA	29.55	NA	NA
687	267.5		NA	29.91	NA	NA
688	272.5		NA	30.27	NA	NA
689	277.5		NA	30.44	NA	NA
690	282.5		NA	30.80	NA	NA
691	287.5		NA	31.15	NA	NA
692	292.5		NA	31.51	NA	NA
693	297.5		NA	31.69	NA	NA
694	302.5		NA	32.05	NA	NA
695	307.5		NA	32.40	NA	NA
696	312.5		NA	32.57	NA	NA
697	317.5		NA	32.93	NA	NA
698	322.5		NA	33.29	NA	NA
699	327.5		NA	33.64	NA	NA
700	332.5		NA	33.83	NA	NA
701	337.5		NA	34.18	NA	NA
702	342.5		NA	34.53	NA	NA
703	347.5		NA	34.89	NA	NA
704	352.5		NA	35.06	NA	NA
705	357.5		NA	35.42	NA	NA
706	362.5		NA	35.78	NA	NA
707	367.5		NA	36.13	NA	NA
708	372.5		NA	36.31	NA	NA

**SAN DIEGO GAS AND ELECTRIC COMPANY (SDG&E)  
TEST YEAR (TY) 2019 GENERAL RATE CASE (GRC) PHASE 2, APPLICATION (A.) 23-01-008**

**ATTACHMENT C  
COMPARISON OF PRESENT AND ILLUSTRATIVE PROPOSED LIGHTING TOTAL RATES**

LINE NO.	DESCRIPTION		1/1/2023 PRESENT TOTAL RATE (\$/Lamp) (C)	PROPOSED 2024 TOTAL RATE (\$/Lamp) (D)	CHANGE (E)	% CHANGE (F)
	WATTS (A)	LUMENS (B)				
709	377.5		NA	36.66	NA	NA
710	382.5		NA	37.02	NA	NA
711	387.5		NA	37.19	NA	NA
712	392.5		NA	37.55	NA	NA
713	397.5		NA	37.91	NA	NA
714						
715	OL-2					
716	Energy Charge (\$/kwh)		0.37002	0.35741	(0.01)	-3.4%
717	Basic Service Fee (\$/month)		11.47	11.47	0.00	0.0%
718						
719	DWL, Facilities Charges					
720	\$ of Utility Investment		0.00790	0.00790	0.00	0.0%
721	DWL, Energy and Lamp Maintenance Charge					
722	50 Watt HPSV		7.65	8.13	0.48	6.3%
723	DWL, Minimum Charge		59.94	50.42	(9.52)	-15.9%