ORDINANCE NO. 182273

An ordinance approving the rates fixed by the Department of Water and Power of the City of Los Angeles and to be charged for electrical energy distributed and for service supplied by said Department to its customers and approving the time and manner of payment of the same, as prescribed by said Department.

THE PEOPLE OF THE CITY OF LOS ANGELES DO ORDAIN AS FOLLOWS:

Section 1. The rates to be charged and collected and the terms, provisions and conditions to be effective respecting such rates for electrical energy distributed and for service supplied by the Department of Water and Power (Department) of the City of Los Angeles (City) to its customers, fixed by Resolution No. 013 053, adopted by the Board of Water and Power Commissioners on September 12, 2012, are hereby approved. Such rates and conditions so fixed are as set forth in the following sections:

Sec. 2. Such service supplied to customers within the incorporated limits of the City of Los Angeles and to customers within the Counties of Inyo and Mono, California, shall be in accordance with rate schedules prescribed in this section as follows and any rate schedules prescribed in any other effective ordinance of the City of Los Angeles:

A. SCHEDULE R-1 [i]
RESIDENTIAL SERVICE

1. Applicability

The following charges are in addition to the charges of corresponding rates prescribed in any other effective ordinance.

Applicable to service to single-family, single-family with guest house, individually metered accommodations, as well as to separately metered common areas of condominiums and cooperatives devoted primarily to residential uses and whose energy and capacity requirements do not exceed those for Small General Service Schedule A-1 [i]. Battery chargers, motors and appliances, which conform in capacities to applicable electrical codes, and meet requirements of the Department's Rules, may be served under this schedule. Not applicable to single-family residential customers with an on-site transformer dedicated solely to that individual customer.

2. Monthly Rates through June 30, 2013

	High Season June - Sep.	Low Season Oct. - May
a. Rate A - Standard Service		
1 Energy Charge [i] - per kWh		
Tier 1 - per Zone Allocation	$ 0.00161	$ 0.00161
Tier 2 - per Zone Allocation	$ 0.00251	$ 0.01751
Tier 3 - per Zone Allocation	$ 0.00451	$ 0.01751
2 VEA - per kWh	See General Provisions	
3 CRPSEA - per kWh	See General Provisions	
4 VRPSEA - per kWh	See General Provisions	
5 IRCA - per kWh	See General Provisions	
Zone 1		
Tier 1 - first 350 kWh		
Tier 2 - next 700 kWh		
Tier 3 - greater than 1050 kWh		
Zone 2		
Tier 1 - first 500 kWh		
Tier 2 - next 1000 kWh		
Tier 3 - greater than 1500 kWh		
b. Rate B - Time-of-Use Service		
1 Service Charge [i]	$ -	$ -
2 Energy Charge [i] - per kWh		
High Peak Period	$ 0.00531	$ 0.00531

	Low Peak Period	$ 0.00531	$ 0.00531
	Base Period	$ 0.00531	$ 0.00531
3	VEA - per kWh	See General Provisions	
4	CRPSEA - per kWh	See General Provisions	
5	VRPSEA - per kWh	See General Provisions	
6	IRCA - per kWh	See General Provisions	

c. Rate D - Low Income Service

Rate A

d. Rate E - Lifeline Service

Rate A

3. Monthly Rates beginning July 1, 2013

		High Season June - Sep.	Low Season Oct. - May
a.	**Rate A - Standard Service**		
1	Energy Charge [i] - per kWh		
	Tier 1 - per Zone Allocation	$ 0.00097	$ 0.00097
	Tier 2 - per Zone Allocation	$ 0.01397	$ 0.02897
	Tier 3 - per Zone Allocation	$ 0.02087	$ 0.02897
2	VEA - per kWh	See General Provisions	
3	CRPSEA - per kWh	See General Provisions	
4	VRPSEA - per kWh	See General Provisions	
5	IRCA - per kWh	See General Provisions	
	Zone 1		
	Tier 1 - first 350 kWh		
	Tier 2 - next 700 kWh		
	Tier 3 - greater than 1050 kWh		
	Zone 2		
	Tier 1 - first 500 kWh		
	Tier 2 - next 1000 kWh		
	Tier 3 - greater than 1500 kWh		
b.	**Rate B - Time-of-Use Service**		
1	Service Charge [i]	$ -	$ -
2	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00955	$ 0.00955
	Low Peak Period	$ 0.00955	$ 0.00955
	Base Period	$ 0.00955	$ 0.00955
3	VEA - per kWh	See General Provisions	
4	CRPSEA - per kWh	See General Provisions	

5	VRPSEA - per kWh	See General Provisions
6	IRCA - per kWh	See General Provisions

c. Rate D - Low Income Service
Rate A

d. Rate E - Lifeline Service
Rate A

4. Billing

The bill under:

- Rate A shall be the sum of parts (1) through (5), except that the Energy Charge [i] shall not be billed if the Minimum Charge under the Electric Rate Ordinance is billed.
- Rate B shall be the sum of parts (1) through (6).
- Rate D shall be Rate A.
- Rate E shall be Rate A.

5. Selection of Rates

a. The Department requires mandatory service under Rate B for customers whose annual monthly average consumption reach or exceed 3000 kWh during the preceding 12 month period.

b. If a customer's annual monthly average consumption does not reach or exceed the consumption levels in accordance with conditions as set forth in 5.a. above, a customer may choose to receive service either under Rate A or B, but the selection must correspond to the rate or rates under which service is received pursuant to any other effective ordinance. Also, when a customer served under Rate B requests a change to Rate A, that customer may not revert to Rate B before 12 months have elapsed.

c. To receive service under Rate D, a customer must meet eligibility requirements as set forth by the Board of Water and Power Commissioners. Low Income eligibility requirements are available online at www.ladwp.com/lowincome, or through the Customer Call Center at (800)-DIALDWP / (800) 342-5397.

d. To receive service under Rate E, a customer must meet eligibility requirements. Lifeline eligibility requirements are available online at www.ladwp.com/lifeline, or through the Customer Call Center at (800)-DIALDWP / (800) 342-5397.

B. SCHEDULE R-3 [i]
RESIDENTIAL MULTIFAMILY SERVICE

1. Applicability

The following charges are in addition to the charges of corresponding rates prescribed in any other effective ordinance.

Applicable to master-metered residential facilities and mobile home parks, where the individual single-family accommodations are privately Sub-metered.

Not applicable to service, which parallels, and connects to, customer's own generating facilities, except as such facilities are intended solely for emergency standby.

2. Monthly Rates through June 30, 2013

		High Season June - Sep.	Low Season Oct. - May
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.29	$ 0.29
3	Demand Charge [i] - per kW	$ 0.50	$ 0.40
4	Energy Charge [i] - per kWh	$ 0.00258	$ 0.00258
5	VEA - per kWh	See General Provisions	
6	CRPSEA - per kWh	See General Provisions	
7	VRPSEA - per kWh	See General Provisions	
8	IRCA - per kW	See General Provisions	

3. Monthly Rates beginning July 1, 2013

		High Season June - Sep.	Low Season Oct. - May
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.36	$ 0.36
3	Demand Charge [i] - per kW	$ 1.00	$ 0.80
4	Energy Charge [i] - per kWh	$ 0.00428	$ 0.00428
5	VEA - per kWh	See General Provisions	
6	CRPSEA - per kWh	See General Provisions	
7	VRPSEA - per kWh	See General Provisions	
8	IRCA - per kW	See General Provisions	

4. Billing

The bill shall be the sum of parts (1) through (8).

5. General Conditions

a. Demand Charge [i]

The Demand Charge [i] shall be based on the Maximum Demand recorded during the billing period.

b. Facilities Charge [i]

The Facilities Charge [i] shall be based on the highest demand recorded in the last 12 months but not less than 30 kW.

c. Selection of Rates

A customer may receive service under any of the General Service Rate Schedules, if desired, but will still be obliged to provide Schedule R-1 [i] Rate D and Rate E to eligible Sub-metered units.

d. Posting Rates

The owner shall post, in a conspicuous place, the prevailing residential electric rate schedule or schedules published by the Department, which would be applicable to the tenants if they were individually served by the Department.

e. Tenant Billing

The owner shall provide separate written electricity bills for each tenant, including the opening and closing meter readings for each billing period, the date the meters were read, the total electricity metered for the billing period, and the amount of the bill.

C. SCHEDULE A-1 [i]
SMALL GENERAL SERVICE

1. Applicability

The following charges are in addition to the charges of corresponding rates prescribed in any other effective ordinance.

Applicable to General Service below 30 kW demand, the highest demand recorded in the last twelve months, including lighting and power, charging of batteries of commercial electric vehicles, which may be delivered through the same service in compliance with the Department's Rules, and to single-family residential service with an on-site transformer dedicated solely to that individual customer. Not applicable to service which parallels, and connects to, customer's own generating facilities, except as such facilities are intended solely for emergency standby.

2. Monthly Rates through June 30, 2013

		High Season June - Sep.	Low Season Oct. - May
a.	**Rate A**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.29	$ 0.29
3	Energy Charge [i] - per kWh	$ 0.00358	$ 0.00358
4	VEA - per kWh	See General Provisions	
5	CRPSEA - per kWh	See General Provisions	
6	VRPSEA - per kWh	See General Provisions	
7	IRCA - per kW	See General Provisions	
b.	**Rate B - Time-of-Use**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.29	$ 0.29
3	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00394	$ 0.00394
	Low Peak Period	$ 0.00394	$ 0.00394
	Base Period	$ 0.00394	$ 0.00394
4	VEA - per kWh	See General Provisions	
5	CRPSEA - per kWh	See General Provisions	
6	VRPSEA - per kWh	See General Provisions	
7	IRCA - per kW	See General Provisions	

3. Monthly Rates beginning July 1, 2013

		High Season June - Sep.	Low Season Oct. - May
a.	**Rate A**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.36	$ 0.36
3	Energy Charge [i] - per kWh	$ 0.00661	$ 0.00661
4	VEA - per kWh	See General Provisions	
5	CRPSEA - per kWh	See General Provisions	
6	VRPSEA - per kWh	See General Provisions	
7	IRCA - per kW	See General Provisions	
b.	**Rate B - Time-of-Use**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.36	$ 0.36
3	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00704	$ 0.00704
	Low Peak Period	$ 0.00704	$ 0.00704
	Base Period	$ 0.00704	$ 0.00704
4	VEA - per kWh	See General Provisions	
5	CRPSEA - per kWh	See General Provisions	
6	VRPSEA - per kWh	See General Provisions	
7	IRCA - per kW	See General Provisions	

4. Billing

The bill under:

- Rate A shall be the sum of parts (1) through (7).
- Rate B shall be the sum of parts (1) through (7).

5. General Conditions

a. Facilities Charge [i]

The Facilities Charge [i] shall be based on the highest demand recorded in the last 12 months, but not less than 4 kW.

b. Selection of Rates

(1) The Department requires mandatory service under Rate B for single-family residential service with an on-site transformer dedicated solely to that individual customer.

(2) If a customer is not a single-family residential service with an on-site transformer dedicated solely to that individual customer in accordance with conditions as set forth in 5.b.(1) above, a customer may choose to receive service either under Rate A or B, but the selection must correspond to the rate or rates under which service is received pursuant to any other effective ordinance. Also, when a customer served under Rate B requests a change to Rate A, that customer may not revert to Rate B before 12 months have elapsed.

(3) The customer shall be placed on Schedule A-2 [i] or A-3 [i] whose Maximum Demand either:

- Reaches or exceeds 30 kW in any three billing months or two bimonthly billing periods during the preceding 12 month period.
- Reaches or exceeds 30 kW during two High Season billing months or one High Season bimonthly billing period within a calendar year.

D. SCHEDULE A-2 [i]
PRIMARY SERVICE

1. Applicability

The following charges are in addition to the charges of corresponding rates prescribed in any other effective ordinance.

Applicable to General Service delivered from the Department's 4.8 kV system and 30 kW demand or greater, the highest demand recorded in the last twelve months, including lighting and power, charging of batteries of commercial electric vehicles, which may be delivered through the same service in compliance with the Department's Rules, and to single-family residential service with an on-site transformer dedicated solely to that individual customer. Not applicable to service which parallels, and connects to, the customer's own generating facilities, except as such facilities are intended solely for emergency standby.

2. Monthly Rates through June 30, 2013

		High Season June - Sep.	Low Season Oct. - May
a.	**Rate B - Time-of-Use**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.29	$ 0.29
3	Demand Charge [i] - per kW		
	High Peak Period	$ 0.50	$ 0.25
	Low Peak Period	$ 0.25	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00258	$ 0.00258
	Low Peak Period	$ 0.00258	$ 0.00258
	Base Period	$ 0.00258	$ 0.00258
5	VEA - per kWh	See General Provisions	
6	CRPSEA - per kWh	See General Provisions	
7	VRPSEA - per kWh	See General Provisions	
8	IRCA - per kW	See General Provisions	
9	Reactive Energy Charge [i] (Applied if demand as determined for the Facilities Charge is greater than 250 kW)		
	a. Unmetered - per kWh		
	High Peak Period	$ 0.00001	$ 0.00001
	Low Peak Period	$ 0.00001	$ 0.00001
	Base Period	$ 0.00001	$ 0.00001

b. Metered - per kVArh per Power Factor level below:

	High Season (June - Sep.)		
Power Factor Range	High Peak	Low Peak	Base
0.995-1.000	$ -	$ -	$ -
0.950-0.994	$0.00004	$0.00003	$0.00002
0.900-0.949	$0.00008	$0.00005	$0.00003
0.800-0.899	$0.00025	$0.00016	$0.00007
0.700-0.799	$0.00041	$0.00028	$0.00012
0.600-0.699	$0.00057	$0.00038	$0.00017
0.000-0.599	$0.00062	$0.00041	$0.00018
	Low Season (Oct. - May)		
Power Factor Range	High Peak	Low Peak	Base
0.995-1.000	$ -	$ -	$ -
0.950-0.994	$0.00004	$0.00004	$0.00002
0.900-0.949	$0.00007	$0.00007	$0.00003
0.800-0.899	$0.00021	$0.00021	$0.00009
0.700-0.799	$0.00036	$0.00036	$0.00015
0.600-0.699	$0.00049	$0.00049	$0.00020
0.000-0.599	$0.00054	$0.00054	$0.00022

3. Monthly Rates beginning July 1, 2013

		High Season June - Sep.	Low Season Oct. - May
a.	**Rate B - Time-of-Use**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.36	$ 0.36
3	Demand Charge [i] - per kW		
	High Peak Period	$ 1.00	$ 0.50
	Low Peak Period	$ 0.50	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00428	$ 0.00428
	Low Peak Period	$ 0.00428	$ 0.00428
	Base Period	$ 0.00428	$ 0.00428
5	VEA - per kWh	See General Provisions	
6	CRPSEA - per kWh	See General Provisions	
7	VRPSEA - per kWh	See General Provisions	
8	IRCA - per kW	See General Provisions	
9	Reactive Energy Charge [i] (Applied if demand as determined for the Facilities Charge is greater than 250 kW)		

a. Unmetered - per kWh

High Peak Period	$ 0.00003	$ 0.00003
Low Peak Period	$ 0.00002	$ 0.00003
Base Period	$ 0.00001	$ 0.00002

b. Metered - per kVArh per Power Factor level below:

High Season (June - Sep.)

Power Factor Range	High Peak	Low Peak	Base
0.995-1.000	$ -	$ -	$ -
0.950-0.994	$0.00010	$0.00007	$0.00004
0.900-0.949	$0.00019	$0.00013	$0.00006
0.800-0.899	$0.00057	$0.00038	$0.00017
0.700-0.799	$0.00095	$0.00064	$0.00028
0.600-0.699	$0.00132	$0.00088	$0.00039
0.000-0.599	$0.00144	$0.00096	$0.00043

Low Season (Oct. - May)

Power Factor Range	High Peak	Low Peak	Base
0.995-1.000	$ -	$ -	$ -
0.950-0.994	$0.00008	$0.00008	$0.00005
0.900-0.949	$0.00016	$0.00016	$0.00008
0.800-0.899	$0.00049	$0.00049	$0.00020
0.700-0.799	$0.00082	$0.00082	$0.00034
0.600-0.699	$0.00114	$0.00114	$0.00047
0.000-0.599	$0.00124	$0.00124	$0.00051

4. Billing

The bill under Rate B shall be the sum of parts (1) through (9).

5. General Conditions

a. Demand Charge [i]

The Demand Charge [i] under Schedule A-2 [i] Rate B shall be based on the Maximum Demands recorded within the applicable Rating Periods during the billing month.

b. Facilities Charge [i]

The Facilities Charge [i] shall be based on the highest demand recorded in the last 12 months, but not less than 30 kW.

c. Selection of Rates

Customers shall be placed on the applicable rate under Schedule A-1 [i] if demand, as determined for the Facilities Charge [i], drops below 30 kW.

d. Reactive Energy Charge [i]

Reference Schedule A-3 [i].5.a.

E. SCHEDULE A-3 [i]
SUBTRANSMISSION SERVICE

1. Applicability

The following charges are in addition to the charges of corresponding rates prescribed in any other effective ordinance.

Applicable to General Service delivered from the Department's 34.5 kV system and 30 kW demand or greater, the highest demand recorded in the last 12 months, including lighting and power which may be delivered through the same service in compliance with the Department's Rules. Not applicable to service which parallels, and connects to, the customer's own generating facilities, except as such facilities are intended solely for emergency standby.

2. Monthly Rates through June 30, 2013

		High Season June - Sep.	Low Season Oct. - May
a.	**Rate A - Subtransmission Service**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - kW	$ 0.39	$ 0.39
3	Demand Charge [i] - per kW		
	High Peak Period	$ 0.35	$ 0.15
	Low Peak Period	$ 0.15	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00254	$ 0.00254
	Low Peak Period	$ 0.00254	$ 0.00254
	Base Period	$ 0.00254	$ 0.00254
5	VEA - per kWh	See General Provisions	
6	CRPSEA - per kWh	See General Provisions	
7	VRPSEA - per kWh	See General Provisions	
8	IRCA - per Kw	See General Provisions	
9	Reactive Energy Charge [i] (Applied if demand as determined for the Facilities Charge is greater than 250 kW)		

a. Unmetered - per kWh	High Season June - Sep.	Low Season Oct. - May
High Peak Period	$ 0.00001	$ 0.00001
Low Peak Period	$ 0.00001	$ 0.00001
Base Period	$ 0.00001	$ 0.00001

b. Metered - per kVArh per Power Factor level below

	High Season (June - Sep.)		
Power Factor Range	High Peak	Low Peak	Base
0.995-1.000	$ -	$ -	$ -
0.950-0.994	$ 0.00004	$ 0.00003	$ 0.00002
0.900-0.949	$ 0.00008	$ 0.00005	$ 0.00003
0.800-0.899	$ 0.00024	$ 0.00016	$ 0.00007
0.700-0.799	$ 0.00040	$ 0.00027	$ 0.00012
0.600-0.699	$ 0.00056	$ 0.00038	$ 0.00017
0.000-0.599	$ 0.00061	$ 0.00041	$ 0.00019

	Low Season (Oct. - May)		
Power Factor Range	High Peak	Low Peak	Base
0.995-1.000	$ -	$ -	$ -
0.950-0.994	$ 0.00004	$ 0.00004	$ 0.00002
0.900-0.949	$ 0.00007	$ 0.00007	$ 0.00004
0.800-0.899	$ 0.00021	$ 0.00021	$ 0.00009
0.700-0.799	$ 0.00036	$ 0.00036	$ 0.00015
0.600-0.699	$ 0.00049	$ 0.00049	$ 0.00021
0.000-0.599	$ 0.00054	$ 0.00054	$ 0.00023

3. Monthly Rates beginning July 1, 2013

	High Season June - Sep.	Low Season Oct. - May
a. Rate A - Subtransmission Service		
1 Service Charge [i]	$ -	$ -
2 Facilities Charge [i] - kW	$ 0.56	$ 0.56
3 Demand Charge [i] - per kW		
High Peak Period	$ 0.70	$ 0.30
Low Peak Period	$ 0.30	$ -
Base Period	$ -	$ -
4 Energy Charge [i] - per kWh		
High Peak Period	$ 0.00395	$ 0.00395
Low Peak Period	$ 0.00395	$ 0.00395

	Base Period	$ 0.00395	$ 0.00395
5	VEA - per kWh	See General Provisions	
6	CRPSEA - per kWh	See General Provisions	
7	VRPSEA - per kWh	See General Provisions	
8	IRCA - per kW	See General Provisions	
9	Reactive Energy Charge [i] (Applied if demand as determined for the Facilities Charge is greater than 250 kW)		

a. Unmetered - per kWh	High Season June - Sep.	Low Season Oct. - May
High Peak Period	$ 0.00003	$ 0.00003
Low Peak Period	$ 0.00002	$ 0.00003
Base Period	$ 0.00001	$ 0.00002

b. Metered - per kVArh per Power Factor level below

	High Season (June - Sep.)		
Power Factor Range	High Peak	Low Peak	Base
0.995-1.000	$ -	$ -	$ -
0.950-0.994	$ 0.00010	$ 0.00007	$ 0.00004
0.900-0.949	$ 0.00018	$ 0.00013	$ 0.00007
0.800-0.899	$ 0.00056	$ 0.00038	$ 0.00017
0.700-0.799	$ 0.00093	$ 0.00063	$ 0.00028
0.600-0.699	$ 0.00130	$ 0.00087	$ 0.00039
0.000-0.599	$ 0.00141	$ 0.00095	$ 0.00043

	Low Season (Oct. - May)		
Power Factor Range	High Peak	Low Peak	Base
0.995-1.000	$ -	$ -	$ -
0.950-0.994	$ 0.00008	$ 0.00008	$ 0.00005
0.900-0.949	$ 0.00016	$ 0.00016	$ 0.00008
0.800-0.899	$ 0.00049	$ 0.00049	$ 0.00021
0.700-0.799	$ 0.00082	$ 0.00082	$ 0.00036
0.600-0.699	$ 0.00114	$ 0.00114	$ 0.00049
0.000-0.599	$ 0.00124	$ 0.00124	$ 0.00054

4. Billing

The bill under Rate A shall be the sum of parts (1) through (9).

5. General Conditions

a. Reactive Energy Charge [i]

The Reactive Energy Charge [i] shall be based on the lagging kilovar-hours (kVArh) recorded during each Rating Period, dependent upon the High Peak Period Power Factor. If reactive energy is unknown or unmetered, then the Reactive Energy Charge [i] shall be replaced by additional kilowatt-hour charges.

b. Maximum Demand

The Maximum Demand is the average kilowatt load to the nearest one-tenth kilowatt during the 15-minute period of greatest use during a billing period, as recorded by the Department's meter. Demand is another term for power and is expressed in units of kilowatt.

In cases where demand is intermittent or subject to severe fluctuations, the Department may establish the Maximum Demand on the basis of measurement over a shorter interval of time or the kilowatt-amperes of installed transformer capacity required to meet the customer's load.

c. Demand Charge [i]

The Demand Charge [i] under Rate A shall be based on the Maximum Demands recorded within the applicable Rating Periods during the billing month.

d. Facilities Charge [i]

The Facilities Charge [i] shall be based on the highest demand recorded in the last 12 months, but not less than 30 kW.

e. Selection of Rates

Customers shall be placed on the applicable rate under Schedule A-1 [i] if demand, as determined for the Facilities Charge [i], drops below 30 kW.

f. Metering

Metering of energy and demand shall normally be provided by the Department on the primary side of the transformer or, at the Department's option, on the secondary side of the transformer and compensated by instruments or loss calculations to the primary side of the transformer.

F. SCHEDULE A-4 [i]
TRANSMISSION SERVICE

1. Applicability

The following charges are in addition to the charges of corresponding rates prescribed in any other effective ordinance.

Applicable to General Service delivered by the Department from 138 kV or above and 80 MW demand or greater, and as established by the Department to be economically advantageous and physically feasible. Notwithstanding the above, this schedule will be provided at the sole discretion of the Department and is limited to availability on the Department's system and will be available only if determined to be feasible following comprehensive transmission system studies. All equipment or structures on customer premises necessary for the utilization of service delivered by the Department from 138 kV or above shall be owned and maintained by the customer. However, some equipment may be installed by the Department on the customer's premises. All conduit and conductors required from the nearest 138 kV source or above to the Service Point will be installed by the Department and the cost paid by the customer.

2. Monthly Rates through June 30, 2013

		High Season June - Sep.	Low Season Oct. - May
a.	**Rate A - Transmission Service**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.20	$ 0.20
3	Demand Charge [i] - per kW		
	High Peak Period	$ 0.35	$ 0.15
	Low Peak Period	$ 0.15	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00251	$0.00251
	Low Peak Period	$ 0.00251	$0.00251
	Base Period	$ 0.00251	$0.00251
5	VEA - per kWh	See General Provisions	
6	CRPSEA - per kWh	See General Provisions	
7	VRPSEA - per kWh	See General Provisions	
8	IRCA - per kW	See General Provisions	
9	Reactive Energy Charge [i]		

a. Unmetered - per kWh	High Season June - Sep.	Low Season Oct. - May
High Peak Period	$0.00001	$0.00001
Low Peak Period	$0.00001	$0.00001
Base Period	$0.00001	$0.00001

b. Metered - per kVArh per Power Factor level below:

	High Season (June - Sep.)		
Power Factor Range	High Peak	Low Peak	Base
0.995-1.000	$ -	$ -	$ -
0.950-0.994	$0.00004	$0.00003	$0.00002
0.900-0.949	$0.00008	$0.00005	$0.00003
0.800-0.899	$0.00024	$0.00016	$0.00007
0.700-0.799	$0.00040	$0.00027	$0.00012
0.600-0.699	$0.00055	$0.00037	$0.00017
0.000-0.599	$0.00060	$0.00041	$0.00018

	Low Season (Oct. - May)		
Power Factor Range	High Peak	Low Peak	Base
0.995-1.000	$ -	$ -	$ -
0.950-0.994	$ 0.00004	$ 0.00004	$ 0.00002
0.900-0.949	$ 0.00007	$ 0.00007	$ 0.00003
0.800-0.899	$ 0.00021	$ 0.00021	$ 0.00009
0.700-0.799	$ 0.00035	$ 0.00035	$ 0.00015
0.600-0.699	$ 0.00049	$ 0.00049	$ 0.00021
0.000-0.599	$ 0.00053	$ 0.00053	$ 0.00023

3. Monthly Rates beginning July 1, 2013

		High Season June - Sep.	Low Season Oct. - May
a.	**Rate A - Transmission Service**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.28	$ 0.28
3	Demand Charge [i] - per kW		
	High Peak Period	$ 0.69	$ 0.30
	Low Peak Period	$ 0.30	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00391	$0.00391
	Low Peak Period	$ 0.00391	$0.00391
	Base Period	$ 0.00391	$0.00391

5	VEA - per kWh	See General Provisions
6	CRPSEA - per kWh	See General Provisions
7	VRPSEA - per kWh	See General Provisions
8	IRCA - per kW	See General Provisions
9	Reactive Energy Charge [i]	

a. Unmetered - per kWh	High Season June - Sep.	Low Season Oct. - May
High Peak Period	$0.00003	$0.00003
Low Peak Period	$0.00002	$0.00003
Base Period	$0.00001	$0.00002

b. Metered - per kVArh per Power Factor level below:

	High Season (June - Sep.)		
Power Factor Range	High Peak	Low Peak	Base
0.995-1.000	$ -	$ -	$ -
0.950-0.994	$0.00009	$0.00006	$0.00004
0.900-0.949	$0.00018	$0.00012	$0.00006
0.800-0.899	$0.00055	$0.00037	$0.00017
0.700-0.799	$0.00092	$0.00063	$0.00028
0.600-0.699	$0.00128	$0.00086	$0.00039
0.000-0.599	$0.00140	$0.00094	$0.00042

	Low Season (Oct. - May)		
Power Factor Range	High Peak	Low Peak	Base
0.995-1.000	$ -	$ -	$ -
0.950-0.994	$ 0.00008	$ 0.00008	$ 0.00005
0.900-0.949	$ 0.00016	$ 0.00016	$ 0.00008
0.800-0.899	$ 0.00048	$ 0.00048	$ 0.00021
0.700-0.799	$ 0.00081	$ 0.00081	$ 0.00035
0.600-0.699	$ 0.00113	$ 0.00113	$ 0.00048
0.000-0.599	$ 0.00123	$ 0.00123	$ 0.00053

4. Billing

The bill under Rate A shall be the sum of parts (1) through (9).

5. General Conditions

a. Reactive Energy Charge [i]

The Reactive Energy Charge [i] shall be based on the lagging kilovar-hours (kVArh) recorded during each Rating Period, dependent upon the High Peak Period Power Factor.

b. Maximum Demand

The Maximum Demand is the average kilowatt load to the nearest one-tenth kilowatt during the 15-minute period of greatest use during a billing period, as recorded by the Department's meter. Demand is another term for power and is expressed in units of kilowatt.

In cases where demand is intermittent or subject to severe fluctuations, the Department may establish the Maximum Demand on the basis of measurement over a shorter interval of time or the kilowatt-amperes of installed transformer capacity required to meet the customer's load.

c. Demand Charge [i]

The Demand Charge [i] shall be based on the Maximum Demands recorded within the applicable Rating Periods during the billing month.

d. Facilities Charge [i]

The Facilities Charge [i] shall be based on the highest demand recorded in the last 12 months, but not less than 10 MW.

e. System Studies

All costs of system studies and analysis performed by the Department or outside parties will be paid by the customer to Department prior to the start of the requested work. This payment is non-refundable and will be charged on an actual cost basis.

f. Selection of Rates

Customers shall maintain a minimum 10 MW demand to remain on this Rate. If the customer's monthly Maximum Demand drops below 10 MW for six consecutive billing periods, the Department requires mandatory service under Schedule A-3 [i]. The customer shall be responsible to pay all costs associated with the transfer and modifications of the service for billing under Schedule A-3 [i].

g. Metering

Metering of energy and demand shall normally be provided by the Department on the primary side of the transformer or, at the Department's option, on the secondary side of the transformer and compensated by instruments or loss calculations to the primary side of the transformer.

G. SCHEDULE AMP [i]
PORT OF LOS ANGELES ALTERNATIVE MARITIME POWER

1. Applicability

The following charges are in addition to the charges of corresponding rates prescribed in any other effective ordinance.

Applicable to services with energy usage resulting from Merchant Ships participating in the Port of Los Angeles (POLA) Alternative Maritime Power (AMP). Seventy-five percent of energy consumed by services on this schedule must be from Merchant Ships. POLA shall be responsible for the installation and maintenance of facilities up to the high-side of the 34.5 kV Station which is serving the Merchant Ship loads. Not applicable to customers served under Service Rider Net Energy Metering and General Service Rider Enterprise Zone of the Electric Rate Ordinance.

The Department may remotely interrupt any AMP load under this service with thirty minutes' advance notice to POLA. The Department shall determine the interruption duration. POLA shall be responsible for purchasing and installing all equipment required for remote interruption.

2. Monthly Rates through June 30, 2013

a. Rate A - AMP Interruptible Rate

1	Service Charge [i]	$ -
2	Facilities Charge [i] - per kW	$ 0.08
3	Energy Charge [i] - per kWh	$ 0.00898
4	VEA - per kWh	See General Provisions
5	CRPSEA - per kWh	See General Provisions
6	VRPSEA - per kWh	See General Provisions
7	IRCA - per kWh	See General Provisions
8	Reactive Energy Charge [i]	

a. Unmetered - per kWh

High Peak Period	$ 0.00001
Low Peak Period	$ 0.00001
Base Period	$ 0.00001

b. Metered - per kVArh per Power Factor level below

Power Factor Range	
0.995-1.000	$ -
0.950-0.994	$ 0.00002
0.900-0.949	$ 0.00003
0.800-0.899	$ 0.00009

0.700-0.799	$	0.00015
0.600-0.699	$	0.00020
0.000-0.599	$	0.00022

3. Monthly Rates beginning July 1, 2013

a. Rate A – AMP Interruptible Rate

1	Service Charge [i]	$	-
2	Facilities Charge [i] - per kW	$	0.10
3	Energy Charge [i] - per kWh	$	0.01563
4	VEA - per kWh	See General Provisions	
5	CRPSEA - per kWh	See General Provisions	
6	VRPSEA - per kWh	See General Provisions	
7	IRCA - per kWh	See General Provisions	
8	Reactive Energy Charge [i]		

a. Unmetered - per kWh

High Peak Period	$ 0.00003
Low Peak Period	$ 0.00002
Base Period	$ 0.00001

b. Metered - per kVArh per Power Factor level below

Power Factor Range		
0.995-1.000	$	-
0.950-0.994	$	0.00004
0.900-0.949	$	0.00007
0.800-0.899	$	0.00020
0.700-0.799	$	0.00034
0.600-0.699	$	0.00047
0.000-0.599	$	0.00051

4. Billing

The bill shall be the sum of parts (1) through (8).

5. General Conditions

a. Reactive Energy Charge [i]

The Reactive Energy Charge [i] shall be based on the lagging kilovar-hours (kVArh) recorded during each Rating Period, dependent upon the High Peak Period Power Factor. If reactive energy is unknown or unmetered, then the Reactive Energy Charge shall be replaced by additional kilowatt-hour charges.

b. **Facilities Charge [i]**

The Facilities Charge [i] shall be based on the highest demand recorded in the last 12 months, whichever is greater, but not less than 500 kW.

c. **Interruptible Service Conditions**

To receive service under this Rate, POLA shall sign a contract with the Department, unless the provisions of an existing contract already executed with the Department incorporate the charges and conditions of this rate schedule.

The Interruptible Demand, not less than 500 kW, is that portion of the demand which the Department will supply to POLA at all times except during a Period of Interruption. During a Period of Interruption, the Department will supply POLA not more than the Firm Demand.

The Department shall provide not less than 30-minutes' advance notice of a Period of Interruption. A Period of Interruption is that interval of time, initiated and terminated by the Department, during which the Department is obligated to supply no more than the Firm Demand. A Period of Interruption will occur when operating reserves, in the Department's sole judgment, are inadequate to maintain system energy supply. Load interruption shall be initiated remotely by Department Load Dispatchers. Firm Demand, which may be specified at different values for High Season and Low Season, is that portion of demand which the Department will supply to POLA without limitation on the periods of availability.

d. **Interruption Frequency and Duration**

Periods of Interruption are unlimited and interruption duration shall be at the sole discretion of the Department.

e. **Substation Equipment on Customer's Site**

All equipment or structures necessary for Department to serve customer from the 34.5 kV Subtransmission Service Voltage shall be located on the customer's site and shall be owned and maintained by POLA.

f. **Metering**

Metering of energy and demand shall be from the 34.5 kV Subtransmission Service Voltage by meters provided by the Department on the primary side of the transformer or, at the Department's option, on the secondary side of the transformer and compensated by instruments or loss calculations to the primary side of the transformer.

All non-AMP load will be metered separately from the normal AMP service. POLA will provide metering facilities for non-AMP load, and the Department will provide the TDK (non-billing) meters for the non-AMP load to ensure more than seventy-five percent of energy consumption is from Merchant Ships.

H. SCHEDULE XRT-2 [i]
EXPERIMENTAL REAL-TIME PRICING SERVICE, PRIMARY SERVICE (4.8 KV)

1. Applicability

The following charges are in addition to the charges of corresponding rates prescribed in any other effective ordinance.

Applicable to service with 250 kW demand or greater and served from the Department's 4.8 kV system, which may be delivered through the same service in compliance with the Department's Rules. Not applicable to service under Schedule CG-2 [i].

This service is experimental and the Department reserves the right to limit the number of customers receiving service hereunder.

2. Monthly Rates through June 30, 2013

		High Season June - Sep.	Low Season Oct. - May
a.	**Rate A - Voluntary Curtailment Service - Primary (4.8 kV)**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.29	$ 0.29
3	Demand Charge [i] - per kW		
	High Peak Period	$ 0.25	$ 0.25
	Low Peak Period	$ 0.25	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00258	$ 0.00258
	Low Peak Period	$ 0.00258	$ 0.00258
	Base Period	$ 0.00258	$ 0.00258
5	Alert Period Energy Charge [i] - per kWh		
	High Peak Period	$ 0.14467	$ 0.00258
	Low Peak Period	$ 0.05101	$ 0.00258
	Base Period	$ 0.00258	$ 0.00258
6	VEA - per kWh	See General Provisions	
7	CRPSEA - per kWh	See General Provisions	
8	VRPSEA - per kWh	See General Provisions	
9	IRCA - per kW	See General Provisions	
10	Reactive Energy Charge [i]	See Schedule A-2 [i]	

3. Monthly Rates beginning July 1, 2013

		High Season June - Sep.	Low Season Oct. - May
a.	**Rate A - Voluntary Curtailment Service - Primary (4.8 kV)**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.36	$ 0.36
3	Demand Charge [i] - per kW		
	High Peak Period	$ 0.50	$ 0.50
	Low Peak Period	$ 0.50	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00428	$ 0.00428
	Low Peak Period	$ 0.00428	$ 0.00428
	Base Period	$ 0.00428	$ 0.00428
5	Alert Period Energy Charge [i] - per kWh		
	High Peak Period	$ 0.33407	$ 0.00428
	Low Peak Period	$ 0.11780	$ 0.00428
	Base Period	$ 0.00428	$ 0.00428
6	VEA - per kWh	See General Provisions	
7	CRPSEA - per kWh	See General Provisions	
8	VRPSEA - per kWh	See General Provisions	
9	IRCA - per kW	See General Provisions	
10	Reactive Energy Charge [i]	See Schedule A-2 [i]	

4. Billing

The bill shall be the sum of parts (1) through (10).

5. General Conditions

a. Load Reduction

Whenever the Department, in its sole judgment, requires customer to reduce load, it shall issue an Alert Period Notification. This may include, but not be limited to, high system peaks, low generation, high market prices, temperature, and system contingencies. The Department may request customers to reduce demand for any service under this Schedule through issuance of an Alert Period with not less than 2-hours' advance notification. Customers who do not reduce demand or curtail load during each of two consecutive Alert Periods will be removed from this rate schedule, placed on the applicable General Service rate, and not be eligible for service under the Schedule XRT-2 [i] for five calendar years.

b. Demand Charge [i]

The Demand Charge [i] shall be based on the Maximum Demands recorded within the applicable Rating Periods.

c. Facilities Charge [i]

The Facilities Charge [i] shall be based on the highest demand recorded in the last 12 months.

d. Alert Period Notification

To receive service under this Schedule XRT-2 [i], all customers, at their own expense, must have access to e-mail to receive Alert Period Notifications. The Department will send one notification per Alert Period to customer's:

- Primary e-mail address
- Secondary e-mail address or a wireless device that is capable of receiving a text message

Customer contact information shall be provided to the Department prior to establishing any service under this rate schedule. If a change in customer's e-mail address or text message address occurs, the customer is required to provide written notice to the Rates and Contracts Group in the form of a letter or e-mail. Receipt of Alert Period Notification is the responsibility of the participating customer. The Department does not guarantee the reliability of the text system or e-mail system by which the customer receives notification. Customer will be responsible for all charges incurred during an Alert Period even if actual notice is not received.

e. Alert Period

Each Alert Period shall be a minimum duration of 4 hours, however not to exceed a maximum of 10 hours. Alert Period(s) are limited to six occurrences within any calendar year. Notification will be provided through Alert Period message including the date, start and end time.

f. Contracts

To receive service under this rate schedule, a customer shall sign a contract with the Department unless the provisions of an existing contract already executed with the Department incorporate the charges and conditions of this rate schedule.

I. SCHEDULE XRT-3 [i]
EXPERIMENTAL REAL-TIME PRICING SERVICE, SUBTRANSMISSION SERVICE (34.5 KV)

1. Applicability

The following charges are in addition to the charges of corresponding rates prescribed in any other effective ordinance.

Applicable to service with 250 kW demand or greater and served from the Department's 34.5 kV system, which may be delivered through the same service in compliance with the Department's Rules. Not applicable to service under Schedule CG-3 [i].

This service is experimental, and the Department reserves the right to limit the number of customers receiving service hereunder.

2. Monthly Rates through June 30, 2013

		High Season June - Sep.	Low Season Oct. - May
a.	**Rate A - Voluntary Curtailment Service - Sub Transmission (34.5 kV)**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [I] - kW	$ 0.39	$ 0.39
3	Demand Charge [I] - per kW		
	High Peak Period	$ 0.19	$ 0.15
	Low Peak Period	$ 0.15	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00254	$ 0.00254
	Low Peak Period	$ 0.00254	$ 0.00254
	Base Period	$ 0.00254	$ 0.00254
5	Alert Period Energy Charge [i] - per kWh		
	High Peak Period	$ 0.13674	$ 0.00254
	Low Peak Period	$ 0.05791	$ 0.00254
	Base Period	$ 0.00254	$ 0.00254
6	VEA - per kWh	See General Provisions	
7	CRPSEA - per kWh	See General Provisions	
8	VRPSEA - per kWh	See General Provisions	
9	IRCA - per kW	See General Provisions	
10	Reactive Energy Charge [i]	See Schedule A-3 [i]	

3. Monthly Rates beginning July 1, 2013

		High Season June - Sep.	Low Season Oct. - May
a.	**Rate A - Voluntary Curtailment Service - Sub Transmission (34.5 kV)**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - kW	$ 0.56	$ 0.56
3	Demand Charge [i] - per kW		
	High Peak Period	$ 0.39	$ 0.30
	Low Peak Period	$ 0.30	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00395	$ 0.00395
	Low Peak Period	$ 0.00395	$ 0.00395
	Base Period	$ 0.00395	$ 0.00395
5	Alert Period Energy Charge [i] - per kWh		
	High Peak Period	$ 0.31576	$ 0.00395
	Low Peak Period	$ 0.13372	$ 0.00395
	Base Period	$ 0.00395	$ 0.00395
6	VEA - per kWh	See General Provisions	
7	CRPSEA - per kWh	See General Provisions	
8	VRPSEA - per kWh	See General Provisions	
9	IRCA - per kW	See General Provisions	
10	Reactive Energy Charge [i]	See Schedule A-3 [i]	

4. Billing

The bill shall be the sum of parts (1) through (10).

5. General Conditions

a. Load Reduction

Whenever the Department, in its sole judgment, requires customer to reduce load, it shall issue an Alert Period Notification. This may include, but not be limited to, high system peaks, low generation, high market prices, temperature, and system contingencies. The Department may request customers to reduce demand for any service under this Schedule through issuance of an Alert Period with not less than 2-hours' advance notification. Customers who do not reduce demand or curtail load during each of two consecutive Alert Periods will be removed from this rate schedule, placed on the applicable General Service rate, and not be eligible for service under the Schedule XRT-3 [i] for five calendar years.

b. Demand Charge [i]

The Demand Charge [i] shall be based on the Maximum Demands recorded within the applicable Rating Periods.

c. Facilities Charge [i]

The Facilities Charge [i] shall be based on the highest demand recorded in the last 12 months.

d. Alert Period Notification

To receive service under this Schedule XRT-3 [i], all customers, at their own expense, must have access to e-mail to receive Alert Period Notifications. The Department will send one notification per Alert Period to customer's:

- Primary e-mail address
- Secondary e-mail address or a wireless device that is capable of receiving a text message

Customer contact information shall be provided to the Department prior to establishing any service under this rate schedule. If a change in customer's e-mail address or text message address occurs, the customer is required to provide written notice to the Rates and Contracts Group in the form of a letter or e-mail. Receipt of Alert Period Notification is the responsibility of the participating customer. The Department does not guarantee the reliability of the text system or e-mail system by which the customer receives notification. Customer will be responsible for all charges incurred during an Alert Period even if actual notice is not received.

e. Alert Period

Each Alert Period shall be a minimum duration of 4 hours, however not to exceed a maximum of 10 hours. Alert Period(s) are limited to six occurrences within any calendar year. Notification will be provided through Alert Period message including the date, start and end time.

f. Contracts

To receive service under this rate schedule, a customer shall sign a contract with the Department unless the provisions of an existing contract already executed with the Department incorporate the charges and conditions of this rate schedule.

J. SCHEDULE XCD-2 [i]
EXPERIMENTAL CONTRACT DEMAND SERVICE, PRIMARY SERVICE (4.8 KV)

1. Applicability

The following charges are in addition to the charges of corresponding rates prescribed in any other effective ordinance.

Applicable to General Service which may be delivered through the same service in compliance with the Department's Rules. Applicable to service with an average consumption exceeding 500,000 kilowatt-hours per month and served from the Department's 4.8 kV system. Not applicable to service under Schedule CG-2 [i].

This service is experimental and the Department reserves the right to limit the number of customers receiving service hereunder.

2. Monthly Rates through June 30, 2013

		High Season June - Sep.	Low Season Oct. - May
a.	**Rate A - Primary Service (4.8 kV)**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.29	$ 0.29
3	Demand Charge [i] - per kW	varies, see 5.b.	
4	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00258	$ 0.00258
	Low Peak Period	$ 0.00258	$ 0.00258
	Base Period	$ 0.00258	$ 0.00258
5	VEA - per kWh	See General Provisions	
6	CRPSEA - per kWh	See General Provisions	
7	VRPSEA - per kWh	See General Provisions	
8	IRCA - per kW	See General Provisions	
9	Reactive Energy Charge [i]	See Schedule A-2 [i]	

3. Monthly Rates beginning July 1, 2013

		High Season June - Sep.	Low Season Oct. - May
a.	**Rate A - Primary Service (4.8 kV)**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.36	$ 0.36
3	Demand Charge [i] - per kW	varies, see 5.b.	
4	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00428	$ 0.00428

	Low Peak Period	$ 0.00428	$ 0.00428
	Base Period	$ 0.00428	$ 0.00428
5	VEA - per kWh	See General Provisions	
6	CRPSEA - per kWh	See General Provisions	
7	VRPSEA - per kWh	See General Provisions	
8	IRCA - per kW	See General Provisions	
9	Reactive Energy Charge [i]	See Schedule A-2 [i]	

4. Billing

Billing under Rate A is applicable to loads which would normally be served under General Service Schedule A-2 [i] and shall be the sum of parts (1) through (9).

5. General Conditions

a. Reactive Energy Charge [i]

The Reactive Energy Charge [i] shall be based on the lagging kilovar-hours (kVArh) recorded during each Rating Period, dependent upon the High Peak Period Power Factor. If reactive energy is unknown or unmetered, then the Reactive Energy Charge [i] shall be replaced by additional kilowatt-hour charges.

b. Demand Charge [i]

The Demand Charge [i] shall be based on the Maximum Demands recorded within the applicable Rating Periods as shown in table below, however, unit prices may vary by terms of the contract, but shall not be less than marginal demand costs for the specified contract period.

Schedule Experimental Contract Demand
Load Factor Matrix

Rate A - Primary Service 4.8 kV

Load Factor	Bill Discount	Demand Discount*
90%	10%	28.17%
85%	8%	21.91%
80%	6%	15.96%
75%	4%	10.33%
70%	2%	5.01%

*Demand Discount as a percent of Demand Charge [i] set forth in Schedule A-2 [i].2.a. and Schedule A-2 [i].3.a. for the referenced Load Factor.

c. Facilities Charge [i]

The Facilities Charge [i] shall be based on the highest demand recorded in the last 12 months.

d. Contract

To receive service under this rate schedule, a customer shall sign a contract unless the provisions of an existing contract already executed with the Department incorporated the charges and conditions of this rate schedule. The contract shall be for a specified term of at least two years and not exceeding five years.

K. SCHEDULE XCD-3 [i]
EXPERIMENTAL CONTRACT DEMAND SERVICE, SUBTRANSMISSION SERVICE (34.5 KV)

1. Applicability

The following charges are in addition to the charges of corresponding rates prescribed in any other effective ordinance.

Applicable to General Service which may be delivered through the same service in compliance with the Department's Rules. Applicable to service with an average consumption exceeding 500,000 kilowatt-hours per month and served from the Department's 34.5 kV system. Not applicable to service under Schedule CG-3 [i].

This service is experimental and the Department reserves the right to limit the number of customers receiving service hereunder.

2. Monthly Rates through June 30, 2013

		High Season June - Sep.	Low Season Oct. - May
a.	**Rate A - Subtransmission Service (34.5 kV)**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.39	$ 0.39
3	Demand Charge [i] - per kW	varies, see 5.b.	
4	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00254	$ 0.00254
	Low Peak Period	$ 0.00254	$ 0.00254
	Base Period	$ 0.00254	$ 0.00254
5	VEA - per kWh	See General Provisions	
6	CRPSEA - per kWh	See General Provisions	
7	VRPSEA - per kWh	See General Provisions	
8	IRCA - per kW	See General Provisions	
9	Reactive Energy Charge [i]	See Schedule A-3 [i]	

3. Monthly Rates beginning July 1, 2013

		High Season June - Sep.	Low Season Oct. - May
a.	**Rate A - Subtransmission Service (34.5 kV)**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.56	$ 0.56

3	Demand Charge [i] - per kW	varies, see 5.b.	
4	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00395	$ 0.00395
	Low Peak Period	$ 0.00395	$ 0.00395
	Base Period	$ 0.00395	$ 0.00395
5	VEA - per kWh	See General Provisions	
6	CRPSEA - per kWh	See General Provisions	
7	VRPSEA - per kWh	See General Provisions	
8	IRCA - per kW	See General Provisions	
9	Reactive Energy Charge [i]	See Schedule A-3 [i]	

4. Billing

Billing under Rate A is applicable to loads which would normally be served under General Service Schedule A-3 [i] and shall be the sum of parts (1) through (9).

5. General Conditions

a. Reactive Energy Charge [i]

The Reactive Energy Charge [i] shall be based on the lagging kilovar-hours (kVArh) recorded during each Rating Period, dependent upon the High Peak Period Power Factor. If reactive energy is unknown or unmetered, then the Reactive Energy Charge [i] shall be replaced by additional kilowatt-hour charges.

b. Demand Charge [i]

The Demand Charge [i] shall be based on the Maximum Demands recorded within the applicable Rating Periods as shown in table below, however, unit prices may vary by terms of the contract, but shall not be less than marginal demand costs for the specified contract period.

Schedule Experimental Contract Demand
Load Factor Matrix

Rate A - Subtransmission Service 34.5 kV

Load Factor	Bill Discount	Demand Discount*
90%	10%	26.85%
85%	8%	20.88%
80%	6%	15.21%
75%	4%	9.84%
70%	2%	4.77%

*Demand Discount as a percent of the Demand Charge [i] set forth in Schedule A-3 [i].2.a. and Schedule A-3 [i].3.a. for the referenced Load Factor.

c. Facilities Charge [i]

The Facilities Charge [i] shall be based on the highest demand recorded in the last 12 months.

d. Contract

To receive service under this rate schedule, a customer shall sign a contract unless the provisions of an existing contract already executed with the Department incorporated the charges and conditions of this rate schedule. The contract shall be for a specified term of at least two years and not exceeding five years.

L. SCHEDULE CG-2 [i]
CUSTOMER GENERATION, PRIMARY SERVICE (4.8 KV)

1. Applicability

The following charges are in addition to the charges of corresponding rates prescribed in any other effective ordinance.

Applicable when both the following conditions exist:

- Any Electric Service provided by the Department where a customer-owned electrical generating facility is interconnected with the Department's system for Parallel Operation and in compliance with the Department's Rules.

- Loads that are served from the Primary Distribution System and which would normally be served under General Service Schedules A-1 [i] and A-2 [i].

Not applicable to:

- Any person or entity that is a utility or a "Public Utility" as defined by the Public Utilities Code, including Section 216.

- Customer-owned electrical generating facilities interconnected with the Department System for Momentary Interconnection.

a. Rate A

Applicable to customers who generate either to sell Excess Energy to the Department and/or to serve their own electricity requirements but have the Department provide Electric Service including supplemental and backup power.

b. Rate C

- This rate is available to Rate A customers and is designed to support new customer generation and encourage clean on-site generation.

- Rate C is available to customers whose total Rated Generation Capacity located at a customer facility is less than 25 percent of the Maximum Coincident Demand and less than 1 MW.

- To qualify for this rate, each customer on-site generation unit shall have been installed and/or converted on/after January 1, 2001, to emit no more than 0.5 pounds/MWH of nitrous oxides. Such emission limit must be maintained to continue to qualify. Verification as the Department determines shall be provided.

c. **Rate D and Rate E**

Rates D and E are optional rates for customers receiving service under the Schedule CG-2 [i]. Rate D is available to Rate A customers and Rate E is available to Rate C customers. These optional rates are for those customers who have demonstrated that they have the capability to reduce load during Department system conditions including, but not limited to, high system peaks, low generation, high market prices, temperature, and system contingencies.

2. Monthly Rates through June 30, 2013

		High Season June - Sep.	Low Season Oct. - May
a.	**Rate A**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.29	$ 0.29
3	Supplemental Capacity Charge [i] - per kW of Supplemental Demand		
	High Peak Period	$ -	$ -
	Low Peak Period	$ -	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh of Department supplied energy		
	High Peak Period	$ 0.00258	$ 0.00258
	Low Peak Period	$ 0.00258	$ 0.00258
	Base Period	$ 0.00258	$ 0.00258
5	Backup Capacity Charge [i] - per kWh of Backup Energy		
	High Peak Period	$ 0.00676	$ -
	Low Peak Period	$ 0.00185	$ -
	Base Period	$ -	$ -
6	VEA - per kWh	See General Provisions	
7	CRPSEA - per kWh	See General Provisions	
8	VRPSEA - per kWh	See General Provisions	
9	IRCA - per kW	See General Provisions	
10	Reactive Energy Charge [i]	See Schedule A-2 [i]	

		High Season June - Sep.	Low Season Oct. - May
b.	**Rate C**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.29	$ 0.29

3	Demand Charge [i] - per kW of Maximum Demand measured at Customer's Service Point		
	High Peak Period	$ 0.50	$ 0.25
	Low Peak Period	$ 0.25	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh of Department supplied energy		
	High Peak Period	$ 0.00258	$ 0.00258
	Low Peak Period	$ 0.00258	$ 0.00258
	Base Period	$ 0.00258	$ 0.00258
5	VEA - per kWh	See General Provisions	
6	CRPSEA - per kWh	See General Provisions	
7	VRPSEA - per kWh	See General Provisions	
8	IRCA - per kW	See General Provisions	
9	Reactive Energy Charge [i]	See Schedule A-2 [i]	

c. **Rate D**		High Season June - Sep.	Low Season Oct. - May
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.29	$ 0.29
3	Supplemental Capacity Charge [i] - per kW of Supplemental Demand		
	High Peak Period	$ -	$ -
	Low Peak Period	$ -	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00258	$ 0.00258
	Low Peak Period	$ 0.00258	$ 0.00258
	Base Period	$ 0.00258	$ 0.00258
5	Backup Capacity Charge [i] - per kWh of Backup Energy		
	High Peak Period	$ 0.00676	$ -
	Low Peak Period	$ 0.00185	$ -
	Base Period	$ -	$ -
6	Alert Period Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00708	$ 0.00258
	Low Peak Period	$ 0.00416	$ 0.00258
	Base Period	$ 0.00258	$ 0.00258
7	VEA - per kWh	See General Provisions	
8	CRPSEA - per kWh	See General Provisions	
9	VRPSEA - per kWh	See General Provisions	
10	IRCA - per kW	See General Provisions	

11	Reactive Energy Charge [i]	See Schedule A-2 [i]

d. **Rate E**	High Season June - Sep.	Low Season Oct. - May
1 Service Charge [i]	$ -	$ -
2 Facilities Charge [i] - per kW	$ 0.29	$ 0.29
3 Demand Charge [i] - per kW of Maximum Demand measured at Customer's Service Point		
High Peak Period	$ 0.25	$ 0.25
Low Peak Period	$ 0.25	$ -
Base Period	$ -	$ -
4 Energy Charge [i] - per kWh of Department supplied energy		
High Peak Period	$ 0.00258	$ 0.00258
Low Peak Period	$ 0.00258	$ 0.00258
Base Period	$ 0.00258	$ 0.00258
5 Alert Period Energy Charge [i] - per kWh		
High Peak Period	$ 0.14467	$ 0.00258
Low Peak Period	$ 0.05101	$ 0.00258
Base Period	$ 0.00258	$ 0.00258
6 VEA - per kWh	See General Provisions	
7 CRPSEA - per kWh	See General Provisions	
8 VRPSEA - per kWh	See General Provisions	
9 IRCA - per kW	See General Provisions	
10 Reactive Energy Charge [i]	See Schedule A-2 [i]	

3. Monthly Rates beginning July 1, 2013

a. **Rate A**	High Season June - Sep.	Low Season Oct. - May
1 Service Charge [i]	$ -	$ -
2 Facilities Charge [i] - per kW	$ 0.36	$ 0.36
3 Supplemental Capacity Charge [i] - per kW of Supplemental Demand		
High Peak Period	$ -	$ -
Low Peak Period	$ -	$ -
Base Period	$ -	$ -
4 Energy Charge [i] - per kWh of Department supplied energy		
High Peak Period	$ 0.00428	$ 0.00428
Low Peak Period	$ 0.00428	$ 0.00428

	Base Period	$ 0.00428	$ 0.00428
5	Backup Capacity Charge [i] - per kWh of Backup Energy		
	High Peak Period	$ 0.01562	$ -
	Low Peak Period	$ 0.00427	$ -
	Base Period	$ -	$ -
6	VEA - per kWh	See General Provisions	
7	CRPSEA - per kWh	See General Provisions	
8	VRPSEA - per kWh	See General Provisions	
9	IRCA - per kW	See General Provisions	
10	Reactive Energy Charge [i]	See Schedule A-2 [i]	

		High Season June - Sep.	Low Season Oct. - May
b.	**Rate C**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.36	$ 0.36
3	Demand Charge [i] - per kW of Maximum Demand measured at Customer's Service Point		
	High Peak Period	$ 1.00	$ 0.50
	Low Peak Period	$ 0.50	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh of Department supplied energy		
	High Peak Period	$ 0.00428	$ 0.00428
	Low Peak Period	$ 0.00428	$ 0.00428
	Base Period	$ 0.00428	$ 0.00428
5	VEA - per kWh	See General Provisions	
6	CRPSEA - per kWh	See General Provisions	
7	VRPSEA - per kWh	See General Provisions	
8	IRCA - per kW	See General Provisions	
9	Reactive Energy Charge [i]	See Schedule A-2 [i]	

		High Season June - Sep.	Low Season Oct. - May
c.	**Rate D**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.36	$ 0.36
3	Supplemental Capacity Charge [i] - per kW of Supplemental Demand		
	High Peak Period	$ -	$ -
	Low Peak Period	$ -	$ -

	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00428	$ 0.00428
	Low Peak Period	$ 0.00428	$ 0.00428
	Base Period	$ 0.00428	$ 0.00428
5	Backup Capacity Charge [i] - per kWh of Backup Energy		
	High Peak Period	$ 0.01562	$ -
	Low Peak Period	$ 0.00427	$ -
	Base Period	$ -	$ -
6	Alert Period Energy Charge [i] - per kWh		
	High Peak Period	$ 0.01636	$ 0.00428
	Low Peak Period	$ 0.00961	$ 0.00428
	Base Period	$ 0.00428	$ 0.00428
7	VEA - per kWh	See General Provisions	
8	CRPSEA - per kWh	See General Provisions	
9	VRPSEA - per kWh	See General Provisions	
10	IRCA - per kW	See General Provisions	
11	Reactive Energy Charge [i]	See Schedule A-2 [i]	

d. **Rate E**		High Season June - Sep.	Low Season Oct. - May
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.36	$ 0.36
3	Demand Charge [i] - per kW of Maximum Demand measured at Customer's Service Point		
	High Peak Period	$ 0.50	$ 0.50
	Low Peak Period	$ 0.50	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh of Department supplied energy		
	High Peak Period	$ 0.00428	$ 0.00428
	Low Peak Period	$ 0.00428	$ 0.00428
	Base Period	$ 0.00428	$ 0.00428
5	Alert Period Energy Charge [i] - per kWh		
	High Peak Period	$ 0.33407	$ 0.00428
	Low Peak Period	$ 0.11780	$ 0.00428
	Base Period	$ 0.00428	$ 0.00428
6	VEA - per kWh	See General Provisions	
7	CRPSEA - per kWh	See General Provisions	
8	VRPSEA - per kWh	See General Provisions	
9	IRCA - per kW	See General Provisions	

10 Reactive Energy Charge [i] See Schedule A-2 [i]

4. Billing

The bill under:

- Rates A or E shall be the sum of parts (1) through (10).
- Rate C shall be the sum of parts (1) through (9).
- Rate D shall be the sum of parts (1) through (11).

5. Definitions

a. Backup Capacity Charge [i]

See Capacity Charge.

b. Backup Energy

For each billing period, Backup Energy is the energy that would have been generated by the customer's generator(s) if operated at maximum output in each Rating Period (High Peak, Low Peak, Base). Backup Energy is applicable when both of the following conditions exist:

- Delivered energy as measured by the billing meter over a fifteen minute interval at the Service Point is greater than Supplemental Demand during any Rating Period within the billing month.

- Demand at the output point of the customer's generator as measured by the unit meter over a fifteen minute interval must be less than the Maximum Generation Demand during any Rating Period within the billing month.

c. Capacity Charge

There are two capacity charges in this rate schedule, Backup Capacity Charge [i] and Supplemental Capacity Charge [i]. The Capacity Charges are charges related to the cost of the facilities necessary to supply backup and supplemental services to the customer excluding costs that are recovered separately in the Facilities Charge [i].

d. Rated Generation Capacity (RGC)

The power output capacity of a generating unit(s) under normal operating conditions. Factors used in determining RGC include, but are not limited to, nameplate rating and operating characteristics of any connected generation equipment on the premises. The Generation equipment used exclusively for emergency shall not be included in the RGC.

e. Facilities Charge [i]

The Facilities Charge [i] shall be based on the largest of:

- The highest actual demand level recorded for energy delivered by the Department in the last 12-months at the Service Point.
- The highest actual demand level recorded for energy exported to the Department in the last 12-months at the Service Point.

f. Supplemental Capacity Charge [i]

See Capacity Charge.

g. Maximum Coincident Demand

The maximum of the coincident sum of the demand output at the generator or RGC as measured by the unit meter, and the Department-delivered demand at the Service Point. RGC will be used in determining Maximum Coincident Demand only in the event the customer does not have a unit meter.

h. Supplemental Demand

The Maximum Coincident Demand per Rating Period, less the maximum measured customer generation demand or RGC in the respective Rating Period, but never less than zero.

i. Momentary Interconnection

The interconnection of a generating facility to the Distribution System for one second (60 cycles) or less.

j. Parallel Operation

The simultaneous operation of a generator with power delivered or received by Department while interconnected. Parallel Operation includes only those generating facilities that are interconnected with the utility's Distribution System for more than 60 cycles (one second).

6. Special Conditions

a. Rate A

(1) Temporary Discontinuance of Customer Generation

When customer-owned generation equipment has no measured output for two billing cycles, future bills will be calculated under the General Service Tariff to which the customer would be assigned absent customer-owned generation equipment. The customer can be returned to this schedule when the customer-owned generating equipment is again operational.

(2) Unit Meter

To qualify for this rate schedule, a meter must be installed to measure the output of the customer-owned generation equipment.

b. Rate C

(1) Operational Requirements:
Rate C is available to customers whose total Rated Generation Capacity located at a customer facility is less than 25 percent of the Maximum Coincident Demand and less than 1 MW. In the event a Rate C customer fails to comply with these requirements, the Department shall have the right to immediately transfer that customer to Rate A. If the customer does not have a unit meter on the customer-owned generation equipment, the customer's bill will be estimated until the unit meter is installed, for a period of up to six months. Upon conclusion of the six month period, if the unit meter has not been installed, the Department will terminate the customer's Interconnection Agreement and transfer the customer to the applicable General Service Rate Schedule.

(2) At a minimum, Rate C Customers must agree to operate their generating unit(s) during High Peak Period in High Season (June-Sep.).

c. Rate D and E

(1) All Special Conditions under Rate A shall apply to Rate D customers, and all Special Conditions under Rate C shall apply to Rate E customers.

(2) Rate D Load Reduction

Whenever the Department, in its sole judgment, requires customer to reduce load, it shall issue an Alert Period Notification. The Department may request customer to reduce demand for service under this rate through issuance of an Alert Period with not less than one half-hour's

advance notification. Customers who do not reduce demand or curtail load during each of 2 consecutive Alert Periods will be removed from Rate D, and placed on Rate A, and shall not be eligible for service under the Rate D schedule for 5 calendar years.

(3) Rate E Load Reduction

Whenever the Department, in its sole judgment, requires customer to reduce load, it shall issue an Alert Period Notification. The Department may request customer to reduce demand for service under this rate through issuance of an Alert Period with not less than two hours' advance notification. Customers who do not reduce demand or curtail load during each of 2 consecutive Alert Periods will be removed from Rate E, and placed on Rate C, and shall not be eligible for service under the Rate E schedule for 5 calendar years.

(4) Alert Period Notification

To receive service under Rate D or E, all customers, at their own expense, must have access to e-mail to receive Alert Period Notifications. The Department will send one notification per Alert Period to customer's:

- Primary e-mail address
- Secondary e-mail address or a wireless device that is capable of receiving a text message

Customer contact information shall be provided to the Department prior to establishing any service under this rate schedule. If a change in customer's e-mail address or text message address occurs, the customer is required to provide written notice to the Rates and Contracts Group in the form of a letter or e-mail. Receipt of Alert Period Notification is the responsibility of the participating customer. The Department does not guarantee the reliability of the text system or e-mail system by which the customer receives notification. Customer will be responsible for all charges incurred during an Alert Period even if actual notice is not received.

(5) Alert Period

Each Alert Period shall be a minimum duration of 4 hours, however not to exceed a maximum of 10 hours. Alert Period(s) are limited to six occurrences within any calendar year. Notification will be provided through Alert Period message including the date, start and end time. Customers will mitigate the increased cost of energy during Alert Periods by reducing electric consumption.

(6) Contracts

To receive service under this rate schedule, a customer shall sign a contract in addition to the Customer Interconnection Agreement with the Department, unless the provisions of existing contracts already executed with Department incorporate the charges and conditions of this rate schedule.

7. General Conditions

a. Agreement

To receive service under this rate schedule, the customer must first sign a Customer Generation Interconnection Agreement which provides that the customer will design, construct, operate and maintain the generating facility in compliance with all applicable codes, laws, electric service requirements, rules and prudent utility practices as determined in good faith by the Department, unless the provisions of an existing contract already executed with the Department incorporate the charges and conditions of this rate schedule.

b. Character of Service

Service will be supplied at one of the standard voltages. The customer's generation equipment and Interconnection Facilities must be in compliance with the Department's Electric Service Requirements.

c. Energy Credit

The energy credit is calculated as the total number of Excess Energy (kWh) supplied to the Department's system by the customer during each Rating Period times the dollar per kWh charge as determined by the Standard Energy Credit or the Daily Energy Credit.

Excess Energy is the energy generated by the customer beyond the customer's requirements and supplied to the Department's system.

d. Standard Energy Credit

The Standard Energy Credit shall be revised twelve times each year on the first day of the calendar month and shall remain in effect for the entire calendar month. It shall be determined by the Department Energy Control Center estimated hourly marginal energy production costs. The hourly energy production costs shall be averaged separately for each Rating Period. The Standard Energy Credit will be posted for each Rating Period on the Department internet site. If the Excess Energy is metered at 34.5

kV, the Standard Energy Credit for each Rating Period shall be multiplied by a factor of 1.014 to adjust for reduced losses on the Power System.

e. **Daily Energy Credit**

The Daily Energy Credit shall be posted two (2) weekdays ahead on the Department internet site before 6:00 p.m. Pacific Time on normal Department workdays. The Daily Energy Credit shall remain in effect until reposted. For example, the Daily Energy Credit values posted on Thursday shall apply to next Monday. The Daily Energy Credit is not available on Saturday and Sunday. The Daily Energy Credit shall be based on the Department Energy Control Center estimated hourly marginal energy production costs. The hourly energy production costs shall be averaged separately for each Rating Period. If the Excess Energy is metered at 34.5 kV, the Daily Energy Credit for each Rating Period shall be multiplied by a factor of 1.014 to adjust for reduced losses on the Power System. If the energy credit exceeds twice the customer's average monthly energy consumption bill, cash payment may be issued for the amount of Excess Energy purchased by the Department based on the Standard Energy Credit or the Daily Energy Credit. Only customers with Excess Energy and supply the Department system with demand levels greater than 100 kW may sign a contract that will allow payment for Excess Energy to be based on the Daily Energy Credit; such eligible customers need not sign such a contract if the provision of an existing contract already executed with the Department incorporates the provision to allow payment for Excess Energy to be based on the Daily Energy Credit.

f. **Metering**

Meter installation and costs will be as defined in the Customer Generation Interconnection Agreement. The Department shall supply, own and maintain all necessary meters and associated equipment utilized for billing and for measurement of Excess Energy. Time-of-use metering equipment and recorders are located at the Customer's Service Point and at the output point of the customer's generator(s) to measure electric energy and other electric parameters deemed appropriate by the Department.

g. **Reactive Energy Charge [i]**

See Schedule A-2 [i].

h. **Wheeling Credits**

Wheeling Credits are not allowed under Schedule CG-2 [i].

i. Selection of Rates

- A customer may choose to receive service under Rate A or D; and a customer may choose to receive service under Rate C or E; however, the selection must correspond to the rate or rates under which service is received pursuant to any other effective ordinance, and a customer voluntarily changing to Rate A from Rate D, or a customer voluntarily changing to Rate C from Rate E, may not revert to the opposing rate before 12 months have elapsed.

- A Rate A qualifying customer may elect to receive service under Rate A or Rate C; however, the selection must correspond to the rate or rates under which service is received pursuant to any other effective ordinance, and a customer changing from Rate C to Rate A may not revert to Rate C before 12 months have elapsed.

- If billing meter measures delivered energy and received energy from both generation and solar loads at the Service Point the customer shall be placed on the applicable rate under Schedule CG-2 [i].

M. SCHEDULE CG-3 [i]
CUSTOMER GENERATION, SUBTRANSMISSION SERVICE (34.5KV)

1. Applicability

The following charges are in addition to the charges of corresponding rates prescribed in any other effective ordinance.

Applicable when both the following conditions exist:

- Any Electric Service provided by the Department where a customer-owned electrical generating facility is interconnected with the Department's system for Parallel Operation and in compliance with the Department's Rules.

- Loads that are served from the Subtransmission System and which would normally be served under General Service Schedule A-3 [i].

Not applicable to:

- Any person or entity that is a utility or a "Public Utility" as defined by the Public Utilities Code, including Section 216.

- Customer-owned electric generating facilities interconnected with the Department System for Momentary Interconnection.

a. Rate A

Applicable to customers who generate to sell Excess Energy to the Department and/or to serve their own electricity requirements and have the Department provide Electric Service including supplemental and backup power.

b. Rate C

- This optional rate is available to Rate A customers and is designed to support new customer generation and to encourage clean onsite generation.

- Rate C is available to customers whose total Rated Generation Capacity located at a customer facility is less than 25 percent of the Maximum Coincident Demand and less than 1 MW.

- To qualify for this rate, each customer on-site generation unit shall have been installed and/or converted on/after January 1, 2001 to emit no more than 0.5 pounds/MWH of nitrous oxides. Such emission limit must be

maintained to continue to qualify. Verification as the Department determines shall be provided.

c. Rate D and Rate E

Rates D and E are optional rates for customers receiving service under the Schedule CG-3 [i]. Rate D is available to Rate A customers and Rate E is available to Rate C customers. These optional rates are for those customers who have demonstrated that they have the capability to reduce load during Department system conditions including, but not limited to, high system peaks, low generation, high market prices, temperature, and system contingencies.

2. Monthly Rates through June 30, 2013

		High Season June - Sep.	Low Season Oct. - May
a.	**Rate A**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.39	$ 0.39
3	Supplemental Capacity Charge [i] - per kW of Supplemental Demand		
	High Peak Period	$ -	$ -
	Low Peak Period	$ -	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh of Department supplied energy		
	High Peak Period	$ 0.00254	$ 0.00254
	Low Peak Period	$ 0.00254	$ 0.00254
	Base Period	$ 0.00254	$ 0.00254
5	Backup Capacity Charge [i] - per kWh of Backup Energy		
	High Peak Period	$ 0.00632	$ -
	Low Peak Period	$ 0.00155	$ -
	Base Period	$ -	$ -
6	VEA - per kWh	See General Provisions	
7	CRPSEA - per kWh	See General Provisions	
8	VRPSEA - per kWh	See General Provisions	
9	IRCA - per kW	See General Provisions	
10	Reactive Energy Charge [i]	See Schedule A-3 [i]	

		High Season June - Sep.	Low Season Oct. - May
b.	**Rate C**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.39	$ 0.39
3	Demand Charge [i] - per kW of Maximum Demand measured at Customer's Service Point		
	High Peak Period	$ 0.35	$ 0.15
	Low Peak Period	$ 0.15	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh of Department supplied energy		
	High Peak Period	$ 0.00254	$ 0.00254
	Low Peak Period	$ 0.00254	$ 0.00254
	Base Period	$ 0.00254	$ 0.00254
5	VEA - per kWh	See General Provisions	
6	CRPSEA - per kWh	See General Provisions	
7	VRPSEA - per kWh	See General Provisions	
8	IRCA - per kW	See General Provisions	
9	Reactive Energy Charge [i]	See Schedule A-3 [i]	

		High Season June - Sep.	Low Season Oct. - May
c.	**Rate D**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - kW	$ 0.39	$ 0.39
3	Supplemental Capacity Charge [i] - per kW of Supplemental Demand		
	High Peak Period	$ -	$ -
	Low Peak Period	$ -	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00254	$ 0.00254
	Low Peak Period	$ 0.00254	$ 0.00254
	Base Period	$ 0.00254	$ 0.00254
5	Backup Capacity Charge [i] - per kWh of Backup Energy		
	High Peak Period	$ 0.00632	$ -
	Low Peak Period	$ 0.00155	$ -
	Base Period	$ -	$ -
6	Alert Period Energy Charge [i] - per kWh		
	High Peak Period	$ 0.03106	$ 0.00254

	Low Peak Period	$ 0.00892	$ 0.00254
	Base Period	$ 0.00254	$ 0.00254
7	VEA - per kWh	See General Provisions	
8	CRPSEA - per kWh	See General Provisions	
9	VRPSEA - per kWh	See General Provisions	
10	IRCA - per kW	See General Provisions	
11	Reactive Energy Charge [i]	See Schedule A-3 [i]	

		High Season June - Sep.	Low Season Oct. - May
d.	**Rate E**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.39	$ 0.39
3	Demand Charge [i] - per kW of Maximum Demand measured at Customer's Service Point		
	High Peak Period	$ 0.19	$ 0.15
	Low Peak Period	$ 0.15	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh of Department supplied energy		
	High Peak Period	$ 0.00254	$ 0.00254
	Low Peak Period	$ 0.00254	$ 0.00254
	Base Period	$ 0.00254	$ 0.00254
5	Alert Period Energy Charge [i] - per kWh		
	High Peak Period	$ 0.13674	$ 0.00254
	Low Peak Period	$ 0.05791	$ 0.00254
	Base Period	$ 0.00254	$ 0.00254
6	VEA - per kWh	See General Provisions	
7	CRPSEA - per kWh	See General Provisions	
8	VRPSEA - per kWh	See General Provisions	
9	IRCA - per kW	See General Provisions	
10	Reactive Energy Charge [i]	See Schedule A-3 [i]	

3. Monthly Rates beginning July 1, 2013

		High Season June - Sep.	Low Season Oct. - May
a.	**Rate A**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.56	$ 0.56
3	Supplemental Capacity Charge [i] - per kW of Supplemental Demand		
	High Peak Period	$ -	$ -

	Low Peak Period	$ -	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh of Department supplied energy		
	High Peak Period	$ 0.00395	$ 0.00395
	Low Peak Period	$ 0.00395	$ 0.00395
	Base Period	$ 0.00395	$ 0.00395
5	Backup Capacity Charge [i] - per kWh of Backup Energy		
	High Peak Period	$ 0.01459	$ -
	Low Peak Period	$ 0.00358	$ -
	Base Period	$ -	$ -
6	VEA - per kWh	See General Provisions	
7	CRPSEA - per kWh	See General Provisions	
8	VRPSEA - per kWh	See General Provisions	
9	IRCA - per kW	See General Provisions	
10	Reactive Energy Charge [i]	See Schedule A-3 [i]	

		High Season June - Sep.	Low Season Oct. - May
b.	**Rate C**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.56	$ 0.56
3	Demand Charge [i] - per kW of Maximum Demand measured at Customer's Service Point		
	High Peak Period	$ 0.70	$ 0.30
	Low Peak Period	$ 0.30	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh of Department supplied energy		
	High Peak Period	$ 0.00395	$ 0.00395
	Low Peak Period	$ 0.00395	$ 0.00395
	Base Period	$ 0.00395	$ 0.00395
5	VEA - per kWh	See General Provisions	
6	CRPSEA - per kWh	See General Provisions	
7	VRPSEA - per kWh	See General Provisions	
8	IRCA - per kW	See General Provisions	
9	Reactive Energy Charge [i]	See Schedule A-3 [i]	

		High Season	Low Season
		June - Sep.	Oct. - May
c.	**Rate D**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - kW	$ 0.56	$ 0.56
3	Supplemental Capacity Charge [i] - per kW of Supplemental Demand		
	High Peak Period	$ -	$ -
	Low Peak Period	$ -	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh		
	High Peak Period	$ 0.00395	$0.00395
	Low Peak Period	$ 0.00395	$0.00395
	Base Period	$ 0.00395	$0.00395
5	Backup Capacity Charge [i] - per kWh of Backup Energy		
	High Peak Period	$ 0.01459	$ -
	Low Peak Period	$ 0.00358	$ -
	Base Period	$ -	$ -
6	Alert Period Energy Charge [i] - per kWh		
	High Peak Period	$ 0.07172	$ 0.00395
	Low Peak Period	$ 0.02060	$ 0.00395
	Base Period	$ 0.00395	$ 0.00395
7	VEA - per kWh	See General Provisions	
8	CRPSEA - per kWh	See General Provisions	
9	VRPSEA - per kWh	See General Provisions	
10	IRCA - per kW	See General Provisions	
11	Reactive Energy Charge [i]	See Schedule A-3 [i]	

		High Season	Low Season
		June - Sep.	Oct. - May
d.	**Rate E**		
1	Service Charge [i]	$ -	$ -
2	Facilities Charge [i] - per kW	$ 0.56	$ 0.56
3	Demand Charge [i] - per kW of Maximum Demand measured at Customer's Service Point		
	High Peak Period	$ 0.39	$ 0.30
	Low Peak Period	$ 0.30	$ -
	Base Period	$ -	$ -
4	Energy Charge [i] - per kWh of Department supplied energy		
	High Peak Period	$ 0.00395	$ 0.00395

	Low Peak Period	$ 0.00395	$ 0.00395
	Base Period	$ 0.00395	$ 0.00395
5	Alert Period Energy Charge [i] - per kWh		
	High Peak Period	$ 0.31576	$ 0.00395
	Low Peak Period	$ 0.13372	$ 0.00395
	Base Period	$ 0.00395	$ 0.00395
6	VEA - per kWh	See General Provisions	
7	CRPSEA - per kWh	See General Provisions	
8	VRPSEA - per kWh	See General Provisions	
9	IRCA - per kW	See General Provisions	
10	Reactive Energy Charge [i]	See Schedule A-3 [i]	

4. Billing

The bill under:

- Rates A or E shall be the sum of parts (1) through (10).
- Rate C shall be the sum of parts (1) through (9).
- Rate D shall be the sum of parts (1) through (11).

5. Definitions

a. Backup Capacity Charge [i]

See Capacity Charge.

b. Backup Energy

For each billing period, Backup Energy is the energy that would have been generated by the customer's generator(s) if operated at maximum output in each Rating Period (High Peak, Low Peak, Base). Backup Energy is applicable when both the following conditions exist:

- Delivered energy as measured by the billing meter over a fifteen minute interval at the Service Point is greater than Supplemental Demand during any Rating Period within the billing month.

- Demand at the output point of the customer's generator as measured by the unit meter over a fifteen minute interval must be less than the Maximum Generation Demand during any Rating Period within the billing month.

c. Capacity Charge

There are two capacity charges in this rate schedule, Backup Capacity Charge [i] and Supplemental Capacity Charge [i]. The Capacity Charges

are charges related to the cost of the facilities necessary to supply backup and supplemental services to the customer excluding costs that are recovered separately in the Facilities Charge [i].

d. Rated Generation Capacity (RGC)

The power output capacity of a generating unit(s) under normal operating conditions. Factors used in determining RGC include, but are not limited to, nameplate rating and operating characteristics of any connected generation equipment on the premises. The Generation equipment used exclusively for emergency shall not be included in the RGC.

e. Facilities Charge [i]

The Facilities Charge [i] shall be based on the largest of:

- The highest actual demand level recorded for energy delivered by the Department in the last 12-months at the Service Point.

- The highest actual demand level recorded for energy exported to the Department in the last 12-months at the Service Point.

f. Supplemental Capacity Charge [i]

See Capacity Charge.

g. Maximum Coincident Demand

The maximum of the coincident sum of the demand output at the generator or RGC, and the Department-delivered demand at the Service Point. RGC will be used in determining Maximum Coincident Demand only in the event the customer does not have a unit meter.

h. Supplemental Demand

The Maximum Coincident Demand per Rating Period, less the maximum measured customer generation demand or RGC in the respective Rating Period, but never less than zero.

i. Momentary Interconnection

The interconnection of a generating facility to the Distribution System for one second (60 cycles) or less.

j. **Parallel Operation**

The simultaneous operation of a generator with power delivered or received by Department while interconnected. Parallel Operation includes only those generating facilities that are interconnected with the utility's Distribution System for more than 60 cycles (one second).

6. **Special Conditions**

a. **Rate A**

(1) Temporary Discontinuance of Customer Generation

When customer-owned generation equipment has no measured output for two billing cycles, future bills will be calculated under the General Service Tariff to which the customer would be assigned absent customer-owned generation equipment. The customer can be returned to this schedule when the customer-owned generating equipment is again operational.

(2) Unit Meter

To qualify for this rate schedule, a meter must be installed to measure the output of the customer-owned generation equipment.

b. **Rate C**

(1) Operational Requirements:
Rate C is available to customers whose total Rated Generation Capacity located at a customer facility is less than 25 percent of the Maximum Coincident Demand and less than 1 MW. In the event a Rate C customer fails to comply with these requirements, the Department shall have the right to immediately transfer that customer to Rate A. If the customer does not have a unit meter on the customer-owned generation equipment, the customer's bill will be estimated until the unit meter is installed, for a period of up to six months. Upon conclusion of the six month period, if the unit meter has not been installed, the Department will terminate the customer's Interconnection Agreement and transfer the customer to the applicable General Service Rate Schedule.

(2) At a minimum, Rate C Customers must agree to operate their generating unit(s) during High Peak Period in High Season (June-Sep.)

c. **Rate D and E**

(1) All Special Conditions under Rate A shall apply to Rate D customers, and all Special Conditions under Rate C shall apply to Rate E customers.

(2) Rate D Load Reduction

Whenever the Department, in its sole judgment, requires customer to reduce load, it shall issue an Alert Period Notification. The Department may request customer to reduce demand for service under this rate through issuance of an Alert Period with not less than one half-hour's advance notification. Customers who do not reduce demand or curtail load during each of 2 consecutive Alert Periods will be removed from Rate D, and placed on Rate A, and shall not be eligible for service under the Rate D schedule for 5 calendar years.

(3) Rate E Load Reduction

Whenever the Department, in its sole judgment, requires customer to reduce load, it shall issue an Alert Period Notification. The Department may request customer to reduce demand for service under this rate through issuance of an Alert Period with not less than two hours' advance notification. Customers who do not reduce demand or curtail load during each of 2 consecutive Alert Periods will be removed from Rate E, and placed on Rate C, and shall not be eligible for service under the Rate E schedule for 5 calendar years.

(4) Alert Period Notification

To receive service under Rate D or E, all customers, at their own expense, must have access to e-mail to receive Alert Period Notifications. The Department will send one notification per Alert Period to customer's:

- Primary e-mail address
- Secondary e-mail address or a wireless device that is capable of receiving a text message

Customer contact information shall be provided to the Department prior to establishing any service under this rate schedule. If a change in customer's e-mail address or text message address occurs, the customer is required to provide written notice to the Rates and Contracts Group in the form of a letter or e-mail. Receipt of Alert Period Notification is the responsibility of the participating customer. The Department does not guarantee the reliability of the text system or e-mail system by which the customer receives notification. Customer will be responsible for all charges incurred during an Alert Period even if actual notice is not received.

(5) **Alert Period**

Each Alert Period shall be a minimum duration of 4 hours, however not to exceed a maximum of 10 hours. Alert Period(s) are limited to six occurrences within any calendar year. Notification will be provided through Alert Period message including the date, start and end time. Customers will mitigate the increased cost of energy during Alert Periods by reducing electric consumption.

(6) **Contracts**

To receive service under this rate schedule, a customer shall sign a contract in addition to the Customer Interconnection Agreement with the Department, unless the provisions of existing contracts already executed with Department incorporate the charges and conditions of this rate schedule.

7. General Conditions

a. Agreement

To receive service under this rate schedule, the customer must first sign a Customer Generation Interconnection Agreement which provides that the customer will design, construct, operate and maintain the generating facility in compliance with all applicable codes, laws, electric service requirements, rules and prudent utility practices as determined in good faith by the Department, unless the provisions of an existing contract already executed with the Department incorporate the charges and conditions of this rate schedule.

b. Character of Service

Service will be supplied at one of the standard voltages. The customer's generation equipment and Interconnection Facilities must be in compliance with the Department's Electric Service Requirements.

c. Energy Credit

The energy credit is calculated as the total number of Excess Energy (kWh) supplied to the Department's system by the customer during each Rating Period times the dollar per kWh charge as determined by the Standard Energy Credit or the Daily Energy Credit.

Excess Energy is the energy generated by the customer beyond the customer's requirements and supplied to the Department's system.

d. Standard Energy Credit

The Standard Energy Credit shall be revised twelve times each year on the first day of the calendar month and shall remain in effect for the entire calendar month. It shall be determined by the Department Energy Control Center estimated hourly marginal energy production costs. The hourly energy production costs shall be averaged separately for each Rating Period. The Standard Energy Credit will be posted for each Rating Period on the Department internet site. If the Excess Energy is metered at 34.5 kV, the Standard Energy Credit for each Rating Period shall be multiplied by a factor of 1.014 to adjust for reduced losses on the Power System.

e. Daily Energy Credit

The Daily Energy Credit shall be posted two (2) weekdays ahead on the Department internet site before 6:00 p.m. Pacific Time on normal Department workdays. The Daily Energy Credit shall remain in effect until reposted. For example, the Daily Energy Credit values posted on Thursday shall apply to next Monday. The Daily Energy Credit is not available on Saturday and Sunday. The Daily Energy Credit shall be based on the Department Energy Control Center estimated hourly marginal energy production costs. The hourly energy production costs shall be averaged separately for each Rating Period. If the Excess Energy is metered at 34.5 kV, the Daily Energy Credit for each Rating Period shall be multiplied by a factor of 1.014 to adjust for reduced losses on the Power System. If the energy credit exceeds twice the customer's average monthly energy consumption bill, cash payment may be issued for the amount of Excess Energy purchased by the Department based on the Standard Energy Credit or the Daily Energy Credit. Only customers with Excess Energy and supply the Department system with demand levels greater than 100 kW may sign a contract that will allow payment for Excess Energy to be based on the Daily Energy Credit; such eligible customers need not sign such a contract if the provision of an existing contract already executed with the Department incorporates the provision to allow payment for Excess Energy to be based on the Daily Energy Credit.

f. Metering

Meter installation and costs will be as defined in the Customer Generation Interconnection Agreement. The Department shall supply, own and maintain all necessary meters and associated equipment utilized for billing and for measurement of Excess Energy. Time-of-use metering equipment and recorders are located at the Customer's Service Point and at the output point of the customer's generator(s) to measure electric energy and other electric parameters deemed appropriate by the Department.

g. Reactive Energy Charge [i]

See Schedule A-3 [i].

h. Wheeling Credits

Wheeling Credits are not allowed under Schedule CG-3 [i].

i. Selection of Rates

- A customer may choose to receive service under Rate A or D; and a customer may choose to receive service under Rate C or E; however, the selection must correspond to the rate or rates under which service is received pursuant to any other effective ordinance, and a customer voluntarily changing to Rate A from Rate D, or a customer voluntarily changing to Rate C from Rate E may not revert to the opposing rate before 12 months have elapsed.

- A Rate A qualifying customer may elect to receive service under Rate A or Rate C; however, the selection must correspond to the rate or rates under which service is received pursuant to any other effective ordinance, and a customer changing from Rate C to Rate A may not revert to Rate C before 12 months have elapsed.

- If billing meter measures delivered energy and received energy from both generation and solar loads at the Service Point the customer shall be placed on the applicable rate under Schedule CG-3 [i].

N. SCHEDULE OAL [i]
OUTDOOR AREA LIGHTING SERVICE

1. Applicability

The following charges are in addition to the charges of corresponding rates prescribed in any other effective ordinance.

Applicable to Outdoor Area Lighting (OAL) Service supplied from the Department's existing secondary overhead facilities of suitable phase and voltage. Not applicable to Private Lighting Lease agreements under OAL Lease program and for purposes of Department utilitarian lighting, Department general purpose lighting, and street and highway lighting.

2. Base Monthly Rates through June 30, 2013

Outdoor Area Lighting Service*	Charge per Light [i]	kWh per Month
Light Type and Size		
Mercury Vapor*		
175-watt	$0.23	77
400-watt	$0.40	170
High-Pressure Sodium*		
100-watt	$0.20	53
200-watt	$0.32	94

*This Schedule is closed to all new installations.

3. Base Monthly Rates beginning July 1, 2013

Outdoor Area Lighting Service*	Charge per Light [i]	kWh per Month
Light Type and Size		
Mercury Vapor*		
175-watt	$0.54	77
400-watt	$0.92	170
High-Pressure Sodium*		
100-watt	$0.47	53
200-watt	$0.74	94

*This Schedule is closed to all new installations.

4. Billing

The bill shall be the Base Monthly Rate plus the VEA, CRPSEA, VRPSEA, and IRCA.

5. General Conditions

a. Character of Service

Unmetered photoelectrically controlled lighting service will be provided using the Department's standard luminaires, control equipment and appurtenances mounted only on existing wooden poles of the Department's distribution system. Service will be provided hereunder only where the Department deems that the Installation will be of an established character.

b. Installation and Removal of Facilities

The Department will install the necessary lighting equipment and will own, operate, and maintain all necessary facilities. The Department shall not be required to install lighting equipment at locations where, in its judgment, the service may be objectionable to others. Furthermore, should any lighting equipment, once installed, be considered objectionable by others, the Department shall have the right at any time to discontinue service. The Department shall not be required to reconstruct any of its existing facilities to provide service hereunder. Facilities once installed specifically for this service will not be moved to another location, or changed in size, unless the full cost of such relocation or change is paid by the customer. Service furnished under this schedule will be discontinued at any location where overhead distribution lines supplying the service are subsequently converted to underground distribution.

c. Operation Schedule

Lamps will be lighted daily from dusk to dawn, approximately 340 hours monthly. The Department does not guarantee continuous lighting during such periods, and shall not be liable to the customer or anyone else for damage, loss or injury resulting from any interruption in such lighting due to any cause.

d. Maintenance

The Department will make any necessary repairs or lamp replacement within a reasonable time after being notified of a lighting outage by the customer, but only during regularly scheduled weekday working hours. Monthly bills will not be adjusted for outages.

O. SCHEDULE LS-2 [i]
STREET AND HIGHWAY LIGHTING SERVICE
(CUSTOMER-OWNED SYSTEM)

1. Applicability

The following charges are in addition to the charges of corresponding rates prescribed in any other effective ordinance.

Applicable to service, including energy and maintenance, for street and highway lighting (including tunnels, bridges, and parks).

2. Base Monthly Rates through June 30, 2013

Multiple Service

	High Season June - Sep.	Low Season Oct. - May
a. Rate A		
1 Base Energy Charge [i]	See General Conditions in 7.g. below	
2 VEA - per estimated hours of use	See General Provisions	
3 CRPSEA - per estimated hours of use	See General Provisions	
4 VRPSEA - per estimated hours of use	See General Provisions	
5 IRCA - per estimated hours of use	See General Provisions	

3. Base Monthly Rates beginning July 1, 2013

Multiple Service

	High Season June - Sep.	Low Season Oct. - May
a. Rate A		
1 Base Energy Charge [i]	See General Conditions in 7.g. below	
2 VEA - per estimated hours of use	See General Provisions	
3 CRPSEA - per estimated hours of use	See General Provisions	
4 VRPSEA - per estimated hours of use	See General Provisions	
5 IRCA - per estimated hours of use	See General Provisions	

4. Series Service Adjustment [i]

$0.06 per month shall be added to the Charges Per Light in 2.a. above for Series Service. $0.15 per month shall be added to the Charges Per Light in 3.a. above for Series Service.

5. Pass-through Billing Components (VEA, CRPSEA, VRPSEA, and IRCA)

The Charges Per Light as set forth in 2.a. and 3.a. above are subject to adjustment on a kilowatt-hour basis for variation of energy costs and reliability costs as described in the General Provisions.

6. Billing

The bill under Rate A shall be the sum of parts of (1) through (5).

7. General Conditions

a. Character of Service

(1) The necessary posts or fixtures, brackets, luminaires, and underground interconnecting conduits and circuits must be provided by the customer at the customer's expense. Systems with overhead interconnecting circuits between posts may be served hereunder, with the customer providing posts, fixtures, brackets, and luminaires, and the Department providing, installing, and maintaining such overhead interconnecting circuits at extra cost.

(2) Energy will be supplied at service points mutually agreed upon between the customer and the Department for multiple systems at 120 or 120/240 volts, or for series systems at 6.6 amperes. The Department reserves the right to provide multiple service at voltage ratings other than specified herein.

(3) For incandescent-light systems, the Department reserves the right to use lumen-rated (group replacement) lamps.

(4) All plans and specifications for the installation of, and the construction of, or changes to lighting systems shall be subject to approval of the Department, which shall have the right to inspect and to test the installations before acceptance for service. Testing of original system installations will be made without charge provided that such testing may be done without involving unreasonable time or expense due to faulty construction. Where it is contemplated that the Department will provide, install, and maintain overhead interconnecting circuits, the posts shall be located so that no extra supports for such overhead wiring will be required except as may be determined by the Department to be reasonably necessary.

(5) Where Series Service is furnished from Department overhead lines, the customer may mount cutout boxes on the Department's poles, and service connections will be run by the Department to such boxes. The Department will furnish vaults and all necessary appurtenances therein for lighting service in locations established by the Department as underground areas. Where Series Service from a vault is furnished, the customer shall install all ducts and conductors between the posts or fixtures and the vault.

(6) Maintenance of customer's equipment will be furnished by the Department as specified under "Normal Maintenance. "

(7) The Department will provide, install, and maintain overhead interconnecting circuits between posts accepted for such service subject to conditions and charges specified under "Maintenance Other Than Normal."

b. Normal Maintenance

(1) The Department will furnish normal maintenance which shall include:

(a) Periodic inspection, renewal of lamps and cleaning of glassware according to established schedules.

(b) Replacement of glassware and inoperative lamps.

(c) Maintenance of controlling devices according to established schedules.

(d) Cleaning and painting of posts.

(e) Minor repairs to wiring and electrical appurtenances on or within the posts.

(2) Normal Maintenance shall not include maintenance with respect to equipment developing defects in test or in service due to faults in design, manufacture, or installation until such defects have been satisfactorily corrected; nor replacement of damaged glassware or lamps when such damage is coincident with or is a result of partial or total demolition of post or when caused by vandalism, riots, fires, explosions, earthquakes, or Acts of Nature.

(3) Under this Schedule LS-2 [i], a $0.12 charge is included in the Charge per Light for Normal Maintenance, as set forth in 7.g. below, through June 30, 2013. Thereafter, starting July 1, 2013, this charge will be $0.28.

c. Maintenance Other Than Normal

The Department provides for maintenance or replacement of customer's equipment only as set forth in 7.b. above for Normal Maintenance. Consequently, the Department may not be required to furnish at its expense any other maintenance work, nor replacement of posts or post parts, nor of underground cables or conduits beyond the Department's service feed points. Where the Department has approved the plans for an overhead-wired system, and has agreed to provide and install the overhead interconnecting

circuits between the posts, it will provide such installation and maintenance service at an additional annual charge of $1.05 per post through June 30, 2013, and thereafter, starting July 1, 2013, this charge per post will be $2.42; These charges per post are in addition to corresponding charges prescribed in any other effective ordinance.

d. Temporary Turn-Ons

For Temporary Turn-Ons of streetlighting at times other than regularly scheduled hours of operation, the rate shall be $3.66 per turn-on as a service charge, plus $0.00327 per kilowatt-hour, the VEA, CRPSEA, VRPSEA, and IRCA, through June 30, 2013; thereafter, starting July 1, 2013, this charge will be $8.44, plus $0.00755 per kilowatt-hour, the VEA, CRPSEA, VRPSEA, and IRCA. In such cases, the Kilowatt-hours shall be as determined by the Department. These charges for Temporary Turn-Ons are in addition to corresponding charges prescribed in any other effective ordinance.

e. Bills to Board of Public Works

Monthly bills for energy or lighting services rendered to the Board of Public Works or one of its subordinate departments or bureaus under this rate schedule shall be paid monthly when due.

f. Operation Schedules

Upon acceptance of the customer's system, lights will be controlled in accordance with one of the schedules of operation hereunder:

(1) All-Night Schedule of Operation

Lights shall be turned on daily at 15 minutes after sunset and turned off 25 minutes before sunrise.

(2) 1:00 a.m. Schedule of Operation

Lights shall be turned on daily at 15 minutes after sunset and shall be turned off at 1:00 a.m. Pacific Standard Time.

(3) All-Day Schedule of Operation

Lights will operate at all hours other than those specified under All-Night Schedule of Operation.

(4) Continuous Schedule of Operation

Lights will operate 24 hours per day.

(5) Special Schedule of Operation

Earlier or later turn-off of lights than is provided under "Standard All-Night Schedule of Operation" may be provided under a suitable schedule of operation as mutually agreed upon by the Department and the customer, but only if the customer agrees to pay for any extra costs involved in furnishing special switching and other service required for such schedule.

(6) Photoelectric Controller Operation

In lieu of controlling any lighting system with reference to "sunset" and "sunrise" in schedules of operation, the Department may, at its option, control lamps by means of photoelectric controllers so that the lamps will be lighted daily from dusk to dawn, approximately 340 hours monthly.

g. Energy Charge Calculation

The Base Energy Charge [i] will be calculated based on the Charge per Light formula below through June 30, 2013:

(Nominal Kilowatts * kWh Price $_{Season,\ TOU}$ * Hour of Use $_{TOU}$ + $0.12)

The Base Energy Charge [i] will be calculated based on the Charge per Light formula below starting July 1, 2013:

(Nominal Kilowatts * kWh Price $_{Season,\ TOU}$ * Hour of Use $_{TOU}$ + $0.28)

Nominal Kilowatts are the kilowatts supplied by the Department to feed the lighting load. Typically specified by the lamp manufacturer or can be determined by the Department lab.

Kilowatt-hour Price $_{Season,\ TOU}$ is the energy price specified by season (High Season and Low Season) and time-of-use periods (High Peak Period, Low Peak Period, and Base Period). Costs are based on Schedule A-2 [i].

For any lights not covered in 7.f. above, the hours of use shall be based upon the following two time schedules:

- The Department Rating Periods schedule; and
- U.S. Naval Observatory Astronomical Application Department Sunrise and Sunset monthly average schedule for the Los Angeles area (http://aa.usno.navy.mil/data/docs/RS_OneDay.html)

P. SCHEDULE LS-3 [i]
STREET AND HIGHWAY LIGHTING SERVICE
(CUSTOMER-OWNED SYSTEM - ENERGY ONLY)

1. Applicability

The following charges are in addition to the charges of corresponding rates prescribed in any other effective ordinance.

Applicable to service to public street, highway and freeway lighting systems, including supply of energy and circuit control facilities only and supply of energy only to freeway warning facilities and guide signs which are connected to series lighting systems.

2. Base Monthly Rates through June 30, 2013
Multiple Service

	High Season June - Sep.	Low Season Oct. - May
a. Rate A - Street, Highway and Freeway Lighting Facilities - Unmetered		
1 Base Energy Charge [i]	See General Conditions in 7.e. below	
2 VEA - per estimated hours of use	See General Provisions	
3 CRPSEA - per estimated hours of use	See General Provisions	
4 VRPSEA - per estimated hours of use	See General Provisions	
5 IRCA - per estimated hours of use	See General Provisions	
b. Rate B - Street, Highway and Freeway Lighting Facilities - Metered		
1 Energy Charge [i] - per kWh	$ 0.00358	$ 0.00358
2 VEA - per kWh	See General Provisions	
3 CRPSEA - per kWh	See General Provisions	
4 VRPSEA - per kWh	See General Provisions	
5 IRCA - per kWh	See General Provisions	
c. Freeway Warning Facilities and Guide Signs Connected to Series Lighting Systems		
1 Base Energy Charge [i]	$0.00327 per kWh for all energy use	
2 Base Minimum Charge [i]	$ - per service point per month	

3. Base Monthly Rates beginning July 1, 2013
Multiple Service

	High Season June - Sep.	Low Season Oct. - May
a. Rate A - Street, Highway and Freeway Lighting Facilities - Unmetered		
1 Base Energy Charge [i]	See General Conditions in 7.e. below	

2 VEA - per estimated hours of use	See General Provisions	
3 CRPSEA - per estimated hours of use	See General Provisions	
4 VRPSEA - per estimated hours of use	See General Provisions	
5 IRCA - per estimated hours of use	See General Provisions	

b. Rate B - Street, Highway and Freeway Lighting Facilities - Metered

1 Energy Charge [i] - per kWh	$ 0.00661	$ 0.00661
2 VEA - per kWh	See General Provisions	
3 CRPSEA - per kWh	See General Provisions	
4 VRPSEA - per kWh	See General Provisions	
5 IRCA - per kWh	See General Provisions	

c. Freeway Warning Facilities and Guide Signs Connected to Series Lighting Systems

1 Base Energy Charge [i]	$0.00755 per kWh for all energy use
2 Base Minimum Charge [i]	$ - per service point per month

4. Series Service Adjustment [i]

$0.06 per month shall be added to the Charges Per Light as set forth in 2.a. above for Series Service, and $0.15 per month shall be added to the Charges Per Light as set forth in 3.a. above for Series Service.

5. Pass-through Billing Components (VEA, CRPSEA, VRPSEA, and IRCA)

The Charges under Rate A and Rate B are subject to adjustment on a kilowatt-hour basis for variation of energy costs and reliability costs as described in the General Provisions. The kilowatt-hours shall be determined by multiplying the Nominal kilowatts by operating hours as set forth in 7.d. below and 7.e. below, and rounded to the nearest kilowatt-hour.

6. Billing

The bill under Rate A and Rate B shall be the sum of parts (1) through (5). The bill under 2.c. and 3.c. shall be the sum of parts (1) and (2).

7. General Conditions

a. Character of Service

(1) The necessary posts or fixtures, brackets, luminaires, ducts, and interconnecting circuits for lighting systems must be provided by the customer at the customer's expense.

(2) Energy will be supplied at service points mutually agreed upon between customers and the Department for multiple systems at 120 or 120/240 volts, or for series systems at 6.6 amperes. The Department reserves the right to provide multiple service at voltage ratings other than specified herein.

(3) All plans and specifications for the installation of, and the construction of, or changes to lighting systems shall be subject to approval of the Department, which shall have the right to inspect and to test the installations before acceptance for service. Testing of original system installations will be made without charge providing such testing may be done without excessive expense due to faulty construction.

(4) Where Series Service is furnished from Department overhead lines, the customer may mount cutout boxes on the Department's poles, and service connections will be run by the Department to such boxes. The Department will furnish vaults and all necessary appurtenances therein for lighting service in locations established by the Department as underground areas. Where Series Service from a vault is furnished, the customer shall install all ducts and conductors between the posts or fixtures and the vault.

b. Determination of Billing

(1) Energy use for billing purposes under this schedule shall be calculated from Department records of customer's equipment or other records as approved by the Department. Kilowatt-hours for guide signs and other facilities shall be calculated from the connected load.

(2) It shall be the responsibility of the customer to promptly notify the Department of any change in equipment or hours of operation affecting energy use.

(3) The Department may, as it deems necessary, request an inventory of all of the customer's electrical equipment served under this schedule. Such requests shall not normally be made at intervals of less than six months.

(4) If the customer does not provide the requested inventory, the Department may initiate other means of determining the customer's energy use and bill the customer under the appropriate General Service Schedule.

c. Temporary Turn-Ons

For Temporary Turn-Ons of streetlighting at times other than regularly scheduled hours of operation, the rate shall be $3.66 per turn-on as a service charge, plus $0.00327 per kilowatt-hour, the VEA, CRPSEA, VRPSEA, and IRCA, through June 30, 2013; thereafter, starting July 1,

2013, this charge will be $8.44, plus $0.00755 per kilowatt-hour, the VEA, CRPSEA, VRPSEA, and IRCA. In such cases, the Kilowatt-hours shall be as determined by the Department. These charges for Temporary Turn-Ons are in addition to corresponding charges prescribed in any other effective ordinance.

d. Unmetered Service Light Charges

Unmetered Service Light Charges will be calculated on an annual basis by the Electric Rates Section based on the most current lighting fixtures and standard monthly operating hours of 340 hours (All Night), 210 hours (1:00AM), 390 hours (All Day) and 730 hours (Continuous). The Department may choose the option to use actual lighting hours of use for a statistically valid sample of a group of metered lights.

e. Energy Charge Calculation

Base Energy Charge [i] will be calculated based on the formula below: (Charge per Light = Nominal Kilowatts * kWh Price $_{Season,\ TOU}$ * Hour of Use $_{TOU}$)

Nominal Kilowatts are the kilowatts supplied by the Department to feed the lighting load. Typically specified by the lamp manufacturer or can be determined by the Department lab.

Kilowatt-hour Price $_{Season,\ TOU}$ is the energy price specified by season (High Season and Low Season) and time-of-use periods (High Peak Period, Low Peak Period, and Base Period). Costs are based on Schedule A-2 [i].

For any lights not covered in 7.d. above, the hours of use shall be based upon the following two time schedules:

- The Department Rating Periods schedule; and
- U.S. Naval Observatory Astronomical Application Department Sunrise and Sunset monthly average schedule for the Los Angeles area (http://aa.usno.navy.mil/data/docs/RS_OneDay.html)

Sec. 3. The General Provisions relating to electrical service supplied under schedules prescribed herein are as follows:

GENERAL PROVISIONS

A. RATE APPLICABILITY AND RULES

The application, interpretation, and administration of the provisions herein are subject to such rules as may from time to time be promulgated by the Board of Water and Power Commissioners under its power and duty to administer the affairs of the Department of Water and Power. The application, interpretation, and administration of these provisions and rules by the Board of Water and Power Commissioners shall be final.

B. SURPLUS ELECTRICAL ENERGY - PARAMOUNT RIGHT OF THE CITY OF LOS ANGELES

Only surplus electrical energy, owned or controlled by the City of Los Angeles and not required for use of customers served by the City within its limits, may be supplied or distributed outside said City; provided that the supplying or distribution of such surplus electrical energy shall, in all cases, be subject to the paramount right of the City at any time to discontinue the same, in whole or in part, and to take and hold, or to distribute such surplus electrical energy for the use of the City and its inhabitants.

C. METERING

For the purpose of computing charges, each meter on the customer's premises will be considered separately, and readings of two or more meters will not be combined as equivalent to measurement through one meter, except when such combination is for the convenience of the Department. No application shall be accepted for service through a master meter, under any schedule herein, to any multifamily dwelling consisting of two or more separate family accommodations unless the applicant submeters the individual units and charges tenants no more than if they were direct customers of the Department. If a master-metered multifamily dwelling facility is converted to individual metering, it shall not be reconverted to master metering.

D. SEASONS

High Season	The period from June 1 to September 30
Low Season	The period from October 1 to May 31

E. RATING PERIODS

High Peak Period	1:00 p.m. - 5:00 p.m. Monday through Friday (20 hours/week)
Low Peak Period	10:00 a.m. - 1:00 p.m. Monday through Friday 5:00 p.m. - 8:00 p.m. Monday through Friday (30 hours/week)
Base Period	8:00 p.m. - 10:00 a.m. Monday through Friday, All Day Saturday and Sunday (118 hours/week)

F. TIME AND MANNER OF PAYMENT OF BILLS

All bills for electric service hereunder, except as provided otherwise in the schedules, are due and payable upon presentation; bills shall become delinquent nineteen (19) days after date of presentation. If bills are not paid upon becoming delinquent, the Department may impose a late payment charge and/or discontinue the electric service in accordance with applicable law or the Department's Rules. The Department shall not be liable to the customer or anyone else for damage, loss or injury resulting from such discontinuance of service. Payment shall be made in person or by mail at offices of the Department, or at the option of the Department to its authorized collectors.

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H. INTENTIONALLY LEFT BLANK

I. RESALE OF ENERGY

The resale of electrical energy by Department customers is prohibited. However, it is not deemed a resale if energy supplied by the Department is passed through a distribution system of a landlord where the end-user of the electrical energy pays no more than if the Department provided the energy directly. Also, charging batteries for electric-powered vehicles, or other purposes, shall not be deemed resale of electrical energy.

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K. EXPERIMENTAL RATES

Experimental Rates are established to study customer reactions to new and innovative rate structures. The Power System will establish availability and eligibility criteria for Experimental Rates.

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M. TRANSFORMER CHARGE

For dedicated on-site transformer on private property, the customer will pay 100% of the transformer and installation costs. If the demand exceeds 50% of the rated transformer capacity for a minimum of 48 of the first 60 months after installation, the customer's payment may be returned in full.

N. LIMITATION OF AMOUNTS TO BE BILLED PURSUANT TO THE ELECTRIC RATE ORDINANCE

For billing purposes, no Residential RCAF of the Electric Rate Ordinance shall exceed $0.0030 per kWh, which was the level of such RCAF applied as of November 3, 2010. The Residential RCAF, as applied subject to this limitation, shall be known as the Residential Capped Reliability Cost Adjustment Factor (Residential CRCAF) for purposes of this ordinance. If any Residential CRCAF is calculated to be less than $0.0030 per kWh, then the Residential Service Incremental Reliability Cost Adjustment for that same period shall not be billed.

For billing purposes, no General Service RCAF of the Electric Rate Ordinance shall exceed $0.96 per kW, which was the level of such RCAF applied as of November 3, 2010. The General Service RCAF, as applied subject to this limitation, shall be known as the General Service Capped Reliability Cost Adjustment Factor (General Service CRCAF) for purposes of this ordinance. If any General Service CRCAF is calculated to be less than $0.96 per kW, then the General Service Incremental Reliability Cost Adjustment for that same period shall not be billed.

For billing purposes, no ECAF of the Electric Rate Ordinance shall exceed $0.05690 per kWh, which was the level of such ECAF applied as of November 3, 2010. The ECAF, as applied subject to this limitation, shall be known as the Capped Energy Cost Adjustment Factor (CECAF) for purposes of this ordinance, and the associated adjustment shall be known as the Capped Energy Cost Adjustment (CECA) for purposes of this ordinance.

The Electric Rate Ordinance provides for funding of expenditures of the type qualifying for funding by ECA through the Electric Rate Ordinance's Base Rates in the amount of the specified factor at General Provision G.3.(j) of the Electric Rate Ordinance. Such factor shall be known as the Base Rate Contribution Factor (BRCF) for purposes of this ordinance. The BRCF shall be equal to $0.01236 per kWh (calculated pursuant to the Electric Rate Ordinance as $0.01344 per kWh x [1 – (8 / 100)]), which was the level as of November 3, 2010.

For billing purposes, the sum of the CECAF and the BRCF shall not exceed $0.06926 per kWh (calculated as $0.05690 per kWh + $0.01236 per kWh).

Expenditures of the type qualifying for funding by CECA and BRCF of the Electric Rate Ordinance, not actually funded by the application of CECAF and BRCF, shall be funded by application of the combination of factors for the Variable Energy Adjustment (VEA), Capped Renewable Portfolio Standard Energy Adjustment (CRPSEA), and Variable Renewable Portfolio Standard Energy Adjustment (VRPSEA). If the sum of any quarterly CECAF and the BRCF of the Electric Rate Ordinance is less than $0.06926 per kWh, then the VEA, CRPSEA, and VRPSEA for that same quarter shall not be billed, and any BRRTA component of the VEA shall be billed independently.

O. VARIABLE ENERGY ADJUSTMENT (VEA)

1. A VEA shall be added to bills under each service schedule herein, and any contracts wherein it is specified or incorporated, on the basis of total energy use. It recovers applicable costs through application of the Variable Energy Adjustment Factor (VEAF).

2. The VEAF shall be calculated four times each year and shall take effect January 1, April 1, July 1, and October 1, respectively. The VEAF shall also be calculated and take effect upon the effective date of this ordinance.

   The VEAF formula, expressed to the nearest $0.00001 per kilowatt-hour (kWh), is

$$VEAF = \frac{(a) + (b) + (c) + (d) + (e) + (f) + (g) + (h)}{(i)} - (j) + (k)$$

   Where:

   (a) is the estimated non-renewable fuel expense for twelve months commencing with the effective date of the VEAF. This expense shall cover any non-renewable fuel-related expenses, including any prepayment, fuel transportation, storage facilities, emission credits, emission taxes, greenhouse gas emission allowance costs, audit or legal costs related to

fuel acquisition, funding requirement for decommissioning of generation facilities, and other non-renewable fuel-related expenses.

(b) is the estimated non-renewable purchased power expense for twelve months commencing with the effective date of the VEAF. This expense shall include all charges associated with capacity, transmission service, prepayment expense, and parallel generators (co-generation), except charges for electricity purchased at established retail tariffs from other utilities for use in Department offices, stations, and other facilities for the production of electrical energy to serve Department's customers.

(c) is the estimated expense for legal and court costs or any judgment or settlement including interest payments thereon for twelve months commencing with the effective date of the VEAF, except for legal costs related to fuel acquisition.

(d) is an amount equal to the approved cumulative energy efficiency savings by the Board of Water and Power Commissioners in kWh commencing July 1, 2006, through June 30, 2012, multiplied by a factor of $0.05513/kWh.

(e) beginning July 1, 2014, is an amount equal to the approved cumulative energy efficiency savings by the Board of Water and Power Commissioners in kWh commencing July 1, 2012, greater than 414 gigawatt-hours (GWh), multiplied by a factor of $0.07950/kWh. This amount will be collected the following fiscal year.

(f) is an amount equal to the City Transfer Percentage multiplied by the sum of (a) through (e) immediately above.

(g) is the balance in the VEA Balancing Account.

(h) is an amount equal to the balance of the ECA Account of the Electric Rate Ordinance as of the effective date of this ordinance divided by ten in order to collect the balance evenly over a period of ten years.

(i) is the estimated retail energy sales in kWh for twelve months commencing with the effective date of the VEAF, less sales to other City departments under Schedules LS-1 and TC of the Electric Rate Ordinance.

(j) is the funding of these costs by application of the CECAF and BRCF at $0.052560 per kWh.

(k) is the BRRTAF, as calculated pursuant to General Provision T.

3. The VEA Balancing Account shall be maintained by the Department on a monthly basis except where specifically noted. Entries to this account shall be:

(a) an amount equal to the qualified expenses identified in 2.(a) through 2.(c) above as recorded during the month.

(b) an amount equal to the approved cumulative energy efficiency savings by the Board of Water and Power Commissioners in kWh commencing July 1, 2006, through June 30, 2012, multiplied by a factor of $0.05513/kWh.

(c) beginning July 1, 2014, an amount equal to the approved cumulative energy efficiency savings by the Board of Water and Power Commissioners in kWh commencing July 1, 2012, greater than 414 gigawatt-hours (GWh), multiplied by a factor of $0.07950/kWh.

(d) an amount equal to the net cost or credit for the disposal of residues as recorded during the month.

(e) Less: refunds, including interest, received from any fuel suppliers and net revenue from fuel consumed in providing steam to customers.

(f) an amount equal to the City Transfer Percentage multiplied by the sum of (a) through (e) immediately above.

(g) an amount equal to the collection as recorded during the month of the balance of the ECA Account of the Electric Rate Ordinance as of the effective date of this ordinance, as specified in 2.(h) above.

(h) an amount equal to the uncollectible VEA portion of customer energy bills and the uncollectible CECA portion of customer energy bills related to expenditures of the type qualifying for funding by VEA, as recorded during the month.

(i) on January 1, 2016, an amount equal to the balance of the BRRTA Balancing Account as prescribed in General Provision T.

(j) Less: an amount equal to the revenue billed for retail sales subject to CECA and VEA, less revenue billed due to the Base Rate Revenue Target Adjustment. Revenue billed shall also include revenue from contract customers who are not subject to CECA; the revenue from such customers shall be the lesser of the total billed revenue or the sum of energy sales multiplied by the sum of CECAF, VEAF, CRPSEAF, and VRPSEAF in effect during the period. Revenue from the steam conversion portion of the City of Los Angeles Sanitation Fund (Hyperion) contract shall be excluded from (j) and included in (e) above.

(k) Less: an amount of the wholesale generation expense, which is the lesser of the gross revenue or the sum of the hourly wholesale energy sales multiplied by the hourly system marginal cost.

(l) Less: an amount equal to the funding by a portion of the Base Rate Contribution Factor at $0.00938/kWh multiplied by retail sales, less any allocated portion for uncollectible energy bills, to customers other than Electric Rate Ordinance Schedules LS-1 and TC customers and any incremental energy portion of the City of Los Angeles Sanitation Fund contract.

P. CAPPED RENEWABLE PORTFOLIO STANDARD ENERGY ADJUSTMENT (CRPSEA)

1. A CRPSEA shall be added to bills under each service schedule herein, and any contracts wherein it is specified or incorporated, on the basis of total energy use. It recovers applicable costs through application of the Capped Renewable Portfolio Standard Energy Adjustment Factor (CRPSEAF).

2. The CRPSEAF shall be calculated four times each year and shall take effect January 1, April 1, July 1, and October 1, respectively. The CRPSEAF shall also be calculated and take effect upon the effective date of this ordinance.

   The CRPSEAF formula, expressed to the nearest $0.00001 per kilowatt-hour (kWh), is

$$\text{CRPSEAF} = \frac{(a) + (b) + (c) + (d) + (e)}{(f)} - (g)$$

   Where:

   (a) is the estimated depreciation expense, interest expense, and operating and maintenance expense of Department-owned renewable portfolio standard (RPS) generation and transmission projects for twelve months commencing with the effective date of the CRPSEAF. The interest expense for a Department-owned RPS project, as directed by the Chief Financial Officer, is the prorated portion of the interest expense of a recent bond issue by the Department, if such bond proceeds are available and applicable to the project, or the interest expense of an equivalent bond issue with a prevailing market interest rate and a payoff maturity matching the life of the RPS project. The selection of a bond issue or the equivalent bond issue to be associated with an RPS project shall not be changed during the cost recovery period.

   (b) is the estimated principal payment, interest expense, and operating and maintenance expense for twelve months commencing with the effective date of the CRPSEAF typically associated with power purchase agreements for RPS generation and transmission projects in which the Department has an indirect ownership interest.

(c) is the estimated expense incurred in the pursuit of Energy Efficiency (EE) measures that are expensed or capitalized, reduced by funding from other sources, for twelve months commencing with the effective date of the CRPSEAF. Eligible expenses include those incurred for the acquisition and installation of devices and systems, incentive payments, and audit and administrative costs related to EE measures designed to lower Power System peak demand and energy consumption. The expense for a capitalized EE measure, as directed by the Chief Financial Officer, is the prorated portion of the debt service expense of a recent bond issue by the Department, if such bond proceeds are available and applicable to the measure, or the interest expense of an equivalent bond issue with a prevailing market interest rate and a payoff maturity matching the life of EE measures. The selection of a bond issue or the equivalent bond issue to be associated with an EE measure shall not be changed during the cost recovery period.

(d) is an amount equal to the City Transfer Percentage multiplied by the sum of (a) through (c) immediately above.

(e) is the balance in the CRPSEA Balancing Account.

(f) is the estimated retail energy sales in kWh for twelve months commencing with the effective date of the CRPSEAF, less sales to other City departments under Schedules LS-1 and TC of the Electric Rate Ordinance.

(g) is the funding of these costs by application of the CECAF and BRCF at $0.00979 per kWh.

3. The CRPSEA Balancing Account shall be maintained by the Department on a monthly basis except where specifically noted. Entries to this account shall be:

(a) an amount equal to the qualified expenses identified in 2.(a) through 2.(c) above as recorded during the month.

(b) an amount equal to the City Transfer Percentage multiplied by (a) immediately above.

(c) an amount equal to the uncollectible CRPSEA portion of customer energy bills and the uncollectible CECA portion of customer energy bills related to expenditures of the type qualifying for funding by CRPSEA, as recorded during the month.

(d) Less: an amount equal to the revenue billed for retail sales subject to CECA and CRPSEA.

(e) Less: an amount equal to the funding by a portion of the Base Rate Contribution Factor at $0.00175/kWh multiplied by retail sales, less any

allocated portion for uncollectible energy bills, to customers other than Electric Rate Ordinance Schedules LS-1 and TC customers and any incremental energy portion of the City of Los Angeles Sanitation Fund contract.

4. The CRPSEAF shall be calculated as set forth above, but no increase in the quarterly adjustment shall exceed the prior period's adjustment by more than $0.00125 per kWh. The quarterly increase limit of $0.00125 per kWh may be increased to maintain the Department's financial integrity if deemed necessary by the Board of Water and Power Commissioners. Any proposed increase to be considered by the Board of Water and Power Commissioners shall be communicated to the City Council.

5. On January 1, April 1, July 1, and October 1, the Department shall calculate the projected balance of the CRPSEA Balancing Account as of the first, second, and third anniversary of that day, certified by the Chief Financial Officer. If any of the three projected balances is greater than $50 million but less than $100 million, then the Department shall communicate such projected balance to the Board of Water Commissioners and to the City Council within 60 days of the balance calculation by use of a report describing all proposed RPS generation and transmission projects to be directly or indirectly owned by the Department so that the potential need for increased rates may be considered. If any of the three projected balances is $100 million or greater, then the Department shall communicate such projected balance to the Board of Water Commissioners and to the City Council within 60 days of the balance calculation by use of a report describing all proposed RPS generation and transmission projects to be directly or indirectly owned by the Department, and the Board of Water and Power Commissioners shall fix rates as necessary and submit any such rates to the City Council within 180 days of the balance calculation for possible approval by ordinance.

Q. VARIABLE RENEWABLE PORTFOLIO STANDARD ENERGY ADJUSTMENT (VRPSEA)

1. A VRPSEA shall be added to bills under each service schedule herein, and any contracts wherein it is specified or incorporated, on the basis of total energy use. It recovers applicable costs through application of the Variable Renewable Portfolio Standard Energy Adjustment Factor (VRPSEAF).

2. The VRPSEAF shall be calculated four times each year and shall take effect January 1, April 1, July 1, and October 1, respectively. The VRPSEAF shall also be calculated and take effect upon the effective date of this ordinance.

   The VRPSEAF formula, expressed to the nearest $0.00001 per kilowatt-hour (kWh), is

$$\text{VRPSEAF} = \frac{(a) + (b) + (c) + (d)}{(e)} - (f)$$

Where:

(a) is the estimated expense for twelve months commencing with the effective date of the VRPSEAF to procure purchased Renewable Portfolio Standard (RPS) generation and its associated transmission service from projects in which the Department has neither direct nor indirect ownership interest.

(b) is the estimated expense for twelve months commencing with the effective date of the VRPSEAF typically associated with power purchase agreements for RPS generation and transmission projects in which the Department has an indirect ownership interest, deducting any principal payment, interest expense, and operating and maintenance expense.

(c) is an amount equal to the City Transfer Percentage multiplied by the sum of (a) through (b) immediately above.

(d) is the balance in the VRPSEA Balancing Account.

(e) is the estimated retail energy sales in kWh for twelve months commencing with the effective date of the VRPSEAF, less sales to other City departments under Schedules LS-1 and TC of the Electric Rate Ordinance.

(f) is the funding of these costs by application of the CECAF and BRCF at $0.00691 per kWh.

3. The VRPSEA Balancing Account shall be maintained by the Department on a monthly basis except where specifically noted. Entries to this account shall be:

(a) an amount equal to the qualified expenses identified in 2.(a) and 2.(b) above as recorded during the month.

(b) Less: revenues collected from the Renewable Energy Adjustment (REA) through Service Rider REO of the Electric Rate Ordinance as recorded during the month.

(c) an amount equal to the City Transfer Percentage multiplied by the sum of (a) through (b) immediately above.

(d) an amount equal to the uncollectible VRPSEA portion of customer energy bills and the uncollectible CECA portion of customer energy bills related to expenditures of the type qualifying for funding by VRPSEA, as recorded during the month.

(e) Less: an amount equal to the revenue billed for retail sales subject to CECA and the VRPSEA.

(f) Less: an amount equal to the funding by a portion of the Base Rate Contribution Factor at $0.00123/kWh multiplied by retail sales, less any allocated portion for uncollectible energy bills, to customers other than Electric Rate Ordinance Schedules LS-1 and TC customers and any incremental energy portion of the City of Los Angeles Sanitation Fund contract.

R. INCREMENTAL RELABILITY COST ADJUSTMENT (IRCA)

1. An Incremental Reliability Cost Adjustment (IRCA) shall be added to each bill unless excluded by contract clauses. Two classes for IRCA, Residential Service and General Service, shall be established. The Residential Service IRCA shall be based on total energy use, whereas the General Service IRCA shall be based on demand, as determined for the Facilities Charge. The IRCA recovers a portion of the operation, maintenance and debt service expenses of the Power System Reliability Program (PRP).

2. The Residential Service IRCA and General Service IRCA shall take effect upon the effective date of this ordinance and shall be as follows:

Monthly Adjustment through June 30, 2013	
Residential Service IRCA	$ 0.00127 per kWh
General Service IRCA	$ 0.36 per kW

Monthly Adjustment beginning July 1, 2013	
Residential Service IRCA	$ 0.00222 per kWh
General Service IRCA	$ 0.70 per kW

S. INCREMENTAL RATE STABILIZATION ACCOUNT

An Incremental Rate Stabilization Account (IRSA) shall be maintained by the Department. The beginning balance of the IRSA on the effective date of this ordinance shall be equal to the balance of the Rate Stabilization Account of the Electric Rate Ordinance as of the effective date of this ordinance. Any entries to this account shall be made at the end of each fiscal year and may include:

1. For revenue deferment, any amount not exceeding the revenue amount from wholesale generation and transmission and net gain on asset sales transacted during the fiscal year. The amount deferred shall be subject to the approval of the Board of Water and Power Commissioners.

2. Less: For revenue recognition, any amount not exceeding the balance in the IRSA. The amount recognized shall be subject to the approval of the Board of Water and Power Commissioners.

The total deferred amount in each fiscal year shall be limited such that the balance in the IRSA does not exceed the Incremental Rate Stabilization Target. The Incremental Rate Stabilization Target shall be approved by the Board of Water and Power Commissioners and may be changed from time to time by the Board of Water and Power Commissioners to maintain financial stability.

T. BASE RATE REVENUE TARGET ADJUSTMENT (BRRTA)

1. Base Rate Revenue consists of the revenue billed through Base Rates from this and any other effective ordinance of the City of Los Angeles. A Base Rate Revenue Target (BRRT) is established for the following fiscal years commencing on July 1:

Fiscal Year 2012/13:	$1,653 million
Fiscal Year 2013/14:	$1,712 million

2. Beginning January 1, 2014, through December 31, 2015, a BRRTA shall be added to bills as a component of the VEA through application of the Base Rate Revenue Target Adjustment Factor (BRRTAF). The BRRTAF shall be calculated once each year and shall take effect January 1.

   The BRRTAF formula, expressed to the nearest $0.00001 per kilowatt-hour (kWh), is

$$\text{Base Rate Revenue Target Adjustment Factor (BRRTAF)} = \frac{(a)}{(b)}$$

   Where:

   (a) is the balance in the BRRTA Balancing Account.

   (b) is the estimated retail sales in kWh subject to VEA for the twelve months commencing with the effective date of the BRRTAF.

3. A BRRTA Balancing Account shall be maintained by the Department on an annual basis until December 31, 2015. Entries to this account shall be:

   (a) an amount equal to the Base Rate Revenue Target of the prior fiscal year less the actual Base Rate Revenue received by the Department for that fiscal year. After December 31, 2014, the net amount for this 3.(a) shall be equal to zero.

(b) Less: an amount equal to the revenue billed through VEA and allocated to the BRRTA.

(c) an amount equal to the uncollectible amount from the BRRTA portion of the VEA.

4. On January 1, 2016, the balance of the BRRTA Balancing Account shall be added to the balance of the VEA Balancing Account as prescribed in General Provision O.3.(i), leaving no remaining balance in the BRRTA Balancing Account.

U. DEFINITIONS

For the purposes of each service schedule herein, the following definitions shall apply:

Base Period	8:00 p.m. - 10:00 a.m., Monday through Friday, all day Saturday and Sunday.
Base Rate	A portion of a rate other than the adjustments.
Capacity Charge	A charge related to the cost of the facilities necessary to supply the customer.
City Transfer Percentage	The percentage of audited gross operating revenue used to calculate the latest transfer of surplus money from the Power Revenue Fund to the City's Reserve Fund.
Commercial	Activities devoted primarily to business or professional purposes.
Common Area Service(Residential)	Service to shared facilities in multifamily dwellings which are separately metered.
Connected Load	The sum of the rated capacities of all of the customer's equipment that can be connected to the Department's system at any one time.
Customer	Any person, public or private association or corporation, partnership, unincorporated association, or governmental agency supplied or entitled to be supplied by the Department.
Daily Energy Credit	Energy Credit is the amount per unit of energy that the DWP pays customers for Excess Energy.

	The Daily Energy Credit will be calculated on a daily basis and shall be based on the Department's estimated hourly marginal energy production costs. The hourly energy production costs shall be averaged separately for each Rating Period. The Daily Energy Credit shall be posted daily on the Department's internet site.
Date of Presentation	The date on which a bill or notice is mailed or delivered by the Department to the customer.
Demand Charge	A charge related to power consumption measured in kilowatts.
Electric Rate Ordinance	City of Los Angeles Ordinance No. 168436, as amended by City of Los Angeles Ordinance Numbers 171968, 172338, 172431, 172706, 172958, 173788, 174175, 174340, 174475, 174481, 174503, 175017, 175722, 177331, 177868, 179268, 179801, 180127, and 181181.
Energy Charge	That portion of the bill for electric service based upon the electric energy (kilowatt-hours) consumed.
Energy Credit	An amount credited to the customer based upon the electric energy (kilowatt-hours) supplied by the customer to the Department's system.
Excess Energy	Energy generated by the customer beyond the customer's consumption requirements and supplied to the Department's system.
Facilities Charge	A charge to cover expenses of distribution system facilities dedicated to a customer.
General Service	Service to any lighting or power installation except to those eligible for service under special schedules such as residential, streetlighting, and traffic control.
High Peak Period	1:00 p.m. - 5:00 p.m., Monday through Friday.
High Season	The period from June 1 to September 30.

Industrial	Activities devoted primarily to manufacturing or processing.
Kilovar-hour (kVArh)	A unit of reactive electric energy equal to one kilovar of reactive power supplied from an electric circuit for one hour.
Kilowatt (kW)	A unit of electric load or power or demand (1000 watts).
Kilowatt-hour (kWh)	The basic unit of electric energy equal to one kilowatt of power supplied from an electric circuit for one hour.
Load Factor	For any billing period, Load Factor is equal to 100 times the sum of kilowatt-hours used by the Customer at the Facility during the Rating Periods divided by the product of the highest demand recorded during the Rating Periods and the sum of the total number of hours in the Rating Periods. Load Factor is mathematically calculated as a percentage and shall be truncated to one decimal place.
Low Peak Period	10:00 a.m. - 1:00 p.m., Monday through Friday, and 5:00 p.m. - 8:00 p.m., Monday through Friday.
Low Season	The period from October 1 to May 31.
Master Meter	A meter used for billing purposes serving a group of otherwise unmetered dwelling units or other establishments or a group of subordinate meters.
Maximum Demand	The average kilowatt load to the nearest one-tenth kilowatt during the 15-minute period of greatest use during a billing period, as recorded by the Department's meter. Demand is another term for power and is expressed in units of kilowatt. In cases where demand is intermittent or subject to severe fluctuations, the Department may establish the Maximum Demand on the basis of measurement over a shorter interval of time or the kilowatt-amperes of installed transformer capacity required to meet the customer's load.

Meter — A device used for the measurement of electric service provided, including energy (kilowatt-hours), demand (kilowatts), reactive energy (kVArh), and power factor.

Minimum Charge — The smallest charge a customer may receive under a rate schedule.

Nominal Kilowatts — The wattage necessary to be supplied by the Department's system to the lamp and its auxiliaries.

Photoelectric Controller — A device that turns an electric circuit on or off based on ambient light levels.

Power

(a) Real - the work producing part of "apparent power" or rate of supply of energy - usually expressed in kilowatts (kW).

(b) Reactive - the portion of "apparent power" which does no work but must be supplied to magnetic equipment, such as motors - usually expressed in kilovars (kVAr).

Power Factor — The ratio of real power (kilowatts) to apparent power (kilovolt-amperes) for any given load and time (maximum value = 1.0).

Primary Voltage — The service voltage applicable to small and medium commercial and industrial customers, nominally at 4.8 kilovolts (kV).

Rate — An amount fixed by the Board of Water and Power Commissioners by resolution and approved by the City Council by ordinance to be charged for electric service supplied by the Department to its customers.

Rated Transformer Capacity (RTC) — Some portion of the installed transformer kilovolt-amperes dedicated to a customer.

Rating Period — See High Peak Period, Low Peak Period, or Base Period.

Residential — Activities devoted primarily to residential or household purposes in family dwelling units.

Service	(a)	The supplying of electric energy to the customer.
	(b)	The wires and related facilities necessary to supply electric energy to the customer.
Service Point		The point where the conductors of the Department are connected to the conductors of the customer.
Single-Family Accommodation		An individually metered living unit designed for one family, whether freestanding or part of a structure containing other such units.
Standard Energy Credit		Energy Credit is the amount per unit of energy that the DWP pays customers for Excess Energy. The Standard Energy Credit will be calculated monthly and be determined by the Department Energy Control Center's estimated hourly marginal energy production costs. The hourly energy production costs shall be averaged separately for each Rating Period. This Standard Energy Credit will be posted for each Rating Period on the Department's internet site on the first day of each calendar month.
Sub-meter		A meter within a customer's internal circuit, other than the Department's billing meter.
Subtransmission Voltage		The service voltage applicable to large commercial and industrial customers, nominally at 34.5 kilovolts.
System Reliability		A measure of the ability of the system to sustain the loss of a major generating unit or transmission line and continue to meet the customer's demand for energy.
Transmission Voltage		The service voltage applicable to very large commercial and industrial customers, nominally at 138 kilovolts or above.
Voltage		Difference of potential or "electrical pressure" in an electrical circuit measured in volts.

Watt

The electrical unit of power or rate of consuming energy. The rate of energy transfer equivalent to one ampere flowing under a pressure of one volt at unity power factor.

Zones

Zones in Schedule R-1 [i] Rate A for Residential Service are determined by the Customer Service Zip Code as shown in tables below.

ZONE 1				
90004	90008	90009	90016	90018
90019	90024	90025	90027	90028
90034	90035	90036	90038	90043
90045	90046	90047	90048	90049
90056	90064	90066	90067	90068
90069	90077	90094	90210	90212
90230	90232	90245	90247	90248
90272	90275	90291	90292	90293
90402	90403	90405	90501	90502
90710	90717	90731	90732	90744

ZONE 2*				
90001	90002	90003	90005	90006
90007	90010	90011	90012	90013
90014	90015	90017	90020	90021
90023	90026	90029	90031	90032
90033	90037	90039	90041	90042
90044	90057	90058	90059	90061
90062	90063	90065	91040	91041
91042	91105	91205	91210	91214
91302	91303	91304	91305	91306
91307	91309	91311	91316	91324
91325	91326	91330	91331	91335
91340	91342	91343	91344	91345
91346	91352	91355	91356	91364
91367	91401	91402	91403	91405
91406	91411	91423	91436	91504
91505	91601	91605	91606	91607
91602	91604			

*Owens Valley is included in Zone 2

Sec. 4. The approval of the foregoing electrical rates by this Council is exempt from the requirements of the California Environmental Quality Act under the provisions of Section 21080(b)(8), and this Council makes this claim of exemption pursuant to said section and authorizes claim of exemption to be filed with the appropriate agencies.

Sec. 5. If any section, subsection, sentence, clause, or phrase in this ordinance or the application thereof to any person or circumstance is for any reason held invalid, the validity of the remainder of the ordinance or the application of such provision to other persons or circumstances shall not be affected thereby. The City Council hereby declares that it would have passed this ordinance and each section, subsection, sentence, clause, or phrase thereof, irrespective of the fact that one or more sections, subsections, sentences, clauses, or phrases or the application thereof to any person or circumstance be held invalid

Sec. 6. Within two years of the effective date of this ordinance, the Department and the Office of Public Accountability, in consultation with the Office of the City Attorney, shall report to the Board of Water and Power Commissioners and to the City Council as to whether consideration should then be given to fixing revised rates.

Sec. 7. The City Clerk shall certify to the passage of this ordinance and have it published in accordance with Council policy, either in a daily newspaper circulated in the City of Los Angeles or by posting for ten days in three public places in the City of Los Angeles: one copy on the bulletin board located at the Main Street entrance to the Los Angeles City Hall; one copy on the bulletin board located at the Main Street entrance to Los Angeles City Hall East; and one copy on the bulletin board located at the Temple Street entrance to the Los Angeles County Hall of Records.

I hereby certify that the foregoing ordinance was passed by the Council of the City of Los Angeles, at its meeting of OCT 02 2012.

JUNE LAGMAY, City Clerk

By _____
Deputy

Approved OCT 05 2012

_____
Mayor

Approved as to Form and Legality

CARMEN A. TRUTANICH, City Attorney

By Brian E. Stewart (BES)
BRIAN E. STEWART
Deputy City Attorney

Date Sep. 18, 2012

File No. 12-1504

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