SCHEDULE OF RATES – SECTION A
TABLE OF CONTENTS

ELECTRIC SERVICES PAGE

General Terms and Conditions 2

Residential Service (E1) 3

Residential Lifeline Rate Discount (E1LL) 4

Residential Lifeline Plus Rate Discount (E1LP) 6

Residential Master Metered Service (E5) 8

Small Commercial Service (E2) 9

Large Commercial Service (E7) or (E8).....10

Industrial Time-of-Use Service (E*ON) or (E*OFF) 13

Fixed Usage Service (E9) 17

Streetlight (Nightlight) Service (E9EL).....18

Stadium Lighting Service (E7SL) 19

Standby Demand Service 20

TES Electric Standby Service 21

Economic Development Service 22

Economic Attraction Service 24

Renewable Resource Net-Metering Service (E*NET) 25

Power Cost Adjustment (PCA) 27

Federal Environmental Surcharge (FES) 29

State Regulatory Surcharge (STATE) 31

Solar Initiative Program Surcharge (ESOLR) 32

Miscellaneous Fees, Charges, and Deposits 33

Glossary 34

GENERAL TERMS AND CONDITIONS FOR REDDING ELECTRIC UTILITY SERVICE

AVAILABILITY

The electric services provided herein are available throughout the entire City of Redding (Redding) service area where the facilities of the Redding Electric Utility (REU) are available, of adequate capacity, and adjacent to the premises.

Certain services, as specified below, are available only to existing customers and other new customers meeting specific operating and use criteria, as presented within each electric service definition.

TAX CLAUSE

Any and all adjustments, necessary as a part of any applicable, proportionate taxes or governmental imposition, which are or may in the future be assessed on the basis of gross revenues of Redding and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder, shall be added to the charges computed under the charges included herein, under all applicable service rate schedules.

PAYMENT

Bills for all electric service will be rendered monthly. A typical meter reading period will not be less than 25 days or more than 35 days. A typical billing period will not be less than 27 days or more than 33 days.

At the option of Redding, residential service meters may be read bimonthly; whereupon, the bill for the alternate month will be calculated using an estimation of kilowatt-hour (kWh) consumption.

Bills will be deemed delinquent if unpaid 20 days after the date of mailing pursuant to Chapter 14.20 of the City of Redding Municipal Code.

Special payment provisions for specific service schedules will be included in the respective schedule outlines.

EFFECTIVE DATES

Certain rates, fees, and/or schedules contained herein are represented with effective dates, such as, March 1, 2013, or March 1, 2014. Any such representation is to be interpreted as the respective rate, fee, and/or schedule and is effective in the first billing cycle within the given month's revenue period.

RESIDENTIAL SERVICE – (E1)

CHARGES

This service will be billed monthly at the following rates, plus or minus any adjustments incorporated in this rate schedule or supplemented hereto:

	Effective Date March 1, 2013	Effective Date March 1, 2014	
Network Access Charge	**$11.30**	**$13.00**	per meter
Energy Charge	**$0.1426**	**$0.1528**	per kWh for all kWh in billing period

APPLICABILITY

This service is applicable to all single-phase residential electric service provided for any single-family dwelling, apartment, or mobile home separately metered by Redding.

Service for dwellings where home care for six or fewer handicapped persons or elderly is provided and such facilities comply with Sections 5115 - 5116 of the California Welfare and Institutions Code and Sections 1569.84 - 1569.85 of the California Health and Safety Code, shall be served under this rate for Residential Service.

All use of this service other than as specified above, except as provided for with a Home Occupation Use Permit (Chapter 18.08.030, Subpart E, of the City of Redding Municipal Code), will qualify the total service for a commercial rate.

This Residential Service shall not be applicable to or available for three-phase service, resale for profit, temporary construction service, standby or auxiliary service, service to any single motor exceeding a nameplate rating of 7½ horsepower, or any equipment which will cause excessive voltage fluctuations.

CHARACTER OF SERVICE

This service is characterized as single-phase, 60 hertz, three-wire, and nominal 120/240 volts (or three-wire, 120/208 volts at certain locations as are now or hereafter may be established by REU.)

Residential Bill Calculation Example		
Billing Period	11/01/13-11/30/13	
Total Energy Use	**850**	kWh
Energy Rate ($/kWh)	$0.1426	/kWh
Total Energy Charge	$121.21	
Network Access Charge	$11.30	/month
TOTAL CHARGES	**$132.51**	

RESIDENTIAL LIFELINE RATE DISCOUNT – (E1LL)

AVAILABILITY

The Residential Lifeline Rate Discount is only available to Redding residents that are customers of REU that meet the qualifications outlined below and can be applied to only one location per qualified applicant.

DISCOUNT

The Residential Lifeline Rate Discount will be a 25 percent reduction of the applicable monthly Network Access Charge and the Energy Charge for the first 800 kWh[1] energy used in each billing period, as computed using the Residential Network Access and Energy charges in effect at the time of billing.

Residential Lifeline Discount Bill Calculation Example

	Billing Period		11/01/13-11/30/13				
Total Energy Use			**500**	kWh	Or	**900**	kWh
Energy Rate	($/kWh)	$0.1426	$ 71.30			$ 128.34	
Lifeline Energy Charge Credit	(800	kWh max)	500	kWh		800	kWh
Lifeline Energy Charge Credit	25%	($0.03565)	($17.83)			($ 28.52)	
Total Energy Charge			$ 53.47			$ 99.82	
Network Access Charge			$ 11.30	/mo.		$ 11.30	/mo.
Network Access Charge Credit	25%		($ 2.82)	/mo.		($ 2.82)	/mo.
Network Access Charge (w/ 25% discount from base rate)			$ 8.48	/mo.		$ 8.48	/mo.
TOTAL CHARGES			$ 61.95			$ 108.30	

APPLICABILITY

This service is applicable to any single family dwelling, apartment, or mobile home upon completion of the qualification process described below.

Any service that is master-metered shall have the option to enter into a separate agreement with Redding, which provides that any credit would be fully passed on to the qualifying household(s) within the master-metered service. Such services would include, but not be limited to: mobile home parks, senior housing residence, and non-profit housing of qualified households.

The Lifeline Rate Discount will become effective at the beginning of the billing period after qualification is met.

[1] Change approved by the City Council on 6/15/09

RESIDENTIAL LIFELINE RATE DISCOUNT (continued)

QUALIFICATIONS

A. Total gross annual income for all persons in the applicant's household may not exceed **seventy-five (75) percent** of the most recent median income levels for Shasta County, as defined by Redding. The table below presents the most recent data, currently in effect.

Maximum Annual Household Income Levels for 2012/13[2]

Number of Persons in Household	75% of Shasta County Median Income	
	Monthly	Annual
1	$2,581	$30,975
2	$2,950	$35,400
3	$3,319	$39,825
4	$3,688	$44,250
5	$3,981	$47,775
6	$4,278	$51,338
7	$4,572	$54,863
8	$4,869	$58,425
each additional person	$300	$3,600

B. Applicant must be a senior citizen (age 62 or older) or a member of a household that has a family member with a disability as evidenced by receiving Supplemental Security Income (SSI) or State Supplemental Payment (SSP).

A customer shall be removed from the Lifeline Rate Discount and not eligible to re-apply for a period of twelve months for any of the following reasons:

1. Service is discontinued for non-payment of account.
2. Any evidence of service tampering or meter tampering.
3. Failure to re-certify qualification at any time requested to do so by Redding.
4. Provision of false information during qualification or recertification.

A customer subject to removal from the Lifeline Rate Discount can appeal that removal by requesting a review by the REU Director or his designee.

All customers who qualify for the lifeline discount are also exempt from paying the Solar Initiative Program Surcharge.

This Residential Lifeline Rate Discount shall not be applicable to or available for three-phase service, resale for profit, temporary construction service, standby or auxiliary service, service to any single motor exceeding a nameplate rating of 7 ½ horsepower, or any equipment which will cause excessive voltage fluctuations.

[2] Updated (7/1/12) by the State of California-HUD

RESIDENTIAL LIFELINE PLUS RATE DISCOUNT – (E1LP)

AVAILABILITY

The Residential Lifeline Plus Rate Discount is only available to Redding residents that are customers of REU that meet the qualifications outlined below and can be applied to only one location per qualified applicant.

DISCOUNT

The Residential Lifeline Plus Rate Discount will be a 25 percent reduction of the applicable monthly Network Access Charge and the Energy Charge for the first 300 kWh energy used in each billing period, as computed using the Residential Network Access and Energy charges in effect at the time of billing.

Residential Lifeline Plus Discount Bill Calculation Example								
		Billing Period	11/01/13-11/30/13					
Total Energy Use			**200**	kWh	Or	**500**	kWh
Energy Rate	($/kWh)	$0.1426	$ 28.52			$ 71.30	
Lifeline Plus Energy Charge Credit	(300	kWh max)	200	kWh		300	kWh
Lifeline Plus Energy Charge Credit	25%	($0.03565)	($7.13)			($ 10.70)	
Total Energy Charge			$ 21.39			$ 60.60	
Network Access Charge			$ 11.30	/mo.		$ 11.30	/mo.
Network Access Charge Credit	25%		($ 2.82)	/mo.		($ 2.82)	/mo.
Network Access Charge (w/ 25% discount from base rate)			$ 8.48	/mo.		$ 8.48	/mo.
TOTAL CHARGES			$ 29.87			$ 69.08	

APPLICABILITY

This service is applicable to any single family dwelling, apartment, or mobile home upon completion of the qualification process described below.

Any service that is master-metered shall have the option to enter into a separate agreement with Redding, which provides that any credit would be fully passed on to the qualifying household(s) within the master-metered service. Such services would include, but not be limited to: mobile home parks, senior housing residence, and non-profit housing of qualified households.

The Lifeline Plus Rate Discount will become effective at the beginning of the billing period after qualification is met.

RESIDENTIAL LIFELINE PLUS RATE DISCOUNT (continued)

QUALIFICATIONS

Total gross annual income for all persons in the applicant's household may not exceed **thirty (30) percent** of the most recent median income levels for Shasta County, as defined by Redding. The table below presents the most recent data, currently in effect.

Maximum Annual Household Income Levels for 2012/13[3]

Number of Persons in Household	30% of Shasta County Median Income	
	Monthly	Annual
1	$1,033	$12,400
2	$1,183	$14,200
3	$1,329	$15,950
4	$1,475	$17,700
5	$1,596	$19,150
6	$1,713	$20,550
7	$1,829	$21,950
8	$1,950	$23,400
each additional person	$125	$1,500

A customer shall be removed from the Lifeline Plus Rate Discount and not eligible to re-apply for a period of twelve months for any of the following reasons:

1. Service is discontinued for non-payment of account.
2. Any evidence of service tampering or meter tampering.
3. Failure to re-certify qualification at any time requested to do so by Redding.
4. Provision of false information during qualification or recertification.

A customer subject to removal from the Lifeline Plus Rate Discount can appeal that removal by requesting a review by the REU Director or his designee.

All customers who qualify for the Lifeline Plus discount are also exempt from paying the Solar Initiative Program Surcharge.

This Residential Lifeline Plus Rate Discount shall not be applicable to or available for three-phase service, resale for profit, temporary construction service, standby or auxiliary service, service to any single motor exceeding a nameplate rating of 7 ½ horsepower, or any equipment which will cause excessive voltage fluctuations.

[3] Updated (7/1/12) by the State of California-HUD

RESIDENTIAL MASTER METERED SERVICE – (E5)

CHARGES

The charges applicable to REU's Residential Master Metered service schedule shall be the same as those provided for in the Residential Service schedule in effect at the time of billing, plus or minus any adjustments incorporated in this rate schedule or supplement hereto.

APPLICABILITY

This service is applicable to facilities that are served through master meters and provide single-phase, submetered, residential electric service to all individual tenants.

CHARACTER OF SERVICE

This service is characterized as single-phase or three-phase, 60 hertz, and at one standard nominal voltage as mutually agreed by REU and the customer and subject to availability at the point of delivery. Primary metering may be used by mutual agreement. However, any available primary service discount shall not apply to such service.

Miscellaneous electrical loads, such as general lighting, laundry room, general maintenance and other similar usage incidental to the operation of a multifamily residential complex or accommodation will be considered as domestic usage and supplied in accordance with the applicable service rate.

Residential Master Metered Bill Calculation Example		
Billing Period	11/01/13 – 11/30/13	
Total Energy Use	**5,000**	kWh
Energy Rate ($/kWh)	$0.1426	/kWh
Total Energy Charge	$ 713.00	
Network Access Charge	$11.30	/mo.
TOTAL CHARGES	$ 724.30	

SMALL COMMERCIAL SERVICE – (E2)

CHARGES

Commercial services with a monthly billing period usage of **15,000 kWh or less** will be billed monthly at the following rates plus or minus any adjustments incorporated in this rate schedule or supplemented hereto:

	Effective Date March 1, 2013	Effective Date March 1, 2014	
Network Access Charge	**$18.00**	**$ 20.00**	per meter
Energy Charge	**$0.1560**	**$0.1679**	per kWh for all kWh in billing period

APPLICABILITY

This service is applicable to all general power and lighting service, including temporary construction service, when all energy is supplied at one point of delivery through one metered service. This service is not applicable to or available for resale, standby, or auxiliary service.

CHARACTER OF SERVICE

The service is characterized by single-phase or three-phase, 60 hertz, and at one standard nominal voltage as mutually agreed by REU and the customer, subject to availability at the point of delivery.

Small Commercial Bill Calculation Example		
Billing Period	11/01/13 – 11/30/13	
Total Energy Use	**12,000**	kWh
Energy Rate ($/kWh)	$0.1560	/kWh
Total Energy Charge	$1,872.00	
Network Access Charge	$18.00	/mo.
TOTAL CHARGES	$1,890.00	

LARGE COMMERCIAL SERVICE – (E7) or (E8)

CHARGES

If the energy usage in the monthly billing period **exceeds 15,000 kWh for 3 months out of a consecutive 12-month period**, a demand meter will be installed at the service location and the commercial service will be billed monthly at the following rates plus or minus any adjustments incorporated in this rate schedule or supplemented hereto:

	Effective Date March 1, 2013	Effective Date March 1, 2014	
Network Access Charge	**$ 29.00**	**$ 33.00**	per meter
Energy Charges	**$0.1560 and**	**$0.1679 and**	per kWh for the first 15,000 kWh in billing period
	$0.0750	**$0.0809**	per kWh for all additional kWh in billing period

Demand Charge The Demand Charge ($/kilowatt or $/kW) for service billing demand shall be the lesser of:

a:	**$ 27.50**	**$ 29.65**	per kW
	or	**or**	
b:	**$ 30.55**	**$ 32.95**	X ((Total kWh-15,000)/Total kWh) per kW

This energy and demand charge structure for individual commercial services is made to provide overall service cost reductions and economic incentives for commercial customers operating at a load factor greater than 50 percent.

During any month when electric usage exceeds 15,000 kWh and a demand meter is not installed, the billing demand will be estimated as the monthly billing energy divided by one-half of the billing days, multiplied by 24 hours per day. In equation form:

Billing Demand (kW) = Total Energy (kWh) / (0.5 X Billing Days X 24 hours)

APPLICABILITY

This service is applicable to all facilities providing general power and lighting service, including temporary construction service, when all energy is supplied at one point of delivery through one metered service. This service is not applicable or available for electric resale, standby, or auxiliary service.

CHARACTER OF SERVICE

The service is characterized by single-phase or three-phase, 60 hertz, and at one standard nominal voltage as mutually agreed by REU and the customer and subject to availability at the point of delivery.

BILLING DEMAND

The maximum demand in any month shall be the average power taken during any 15-minute interval in the current month as indicated or recorded by instruments installed, owned, and maintained by REU.

When the power usage is intermittent or subject to violent fluctuations, REU may base the billing demand upon a 5-minute interval.

PRIMARY/TRANSMISSION SERVICE DISCOUNT – (E*P3)

When delivery is made and energy is metered at a primary or transmission voltage, the following discount shall be applied to the sum of the demand and energy charges. Service at 2,400 volts is not available to new customers requesting service after September 21, 1993.

	Discount
Service at 115,000 volts.....	10%
Service at 12,000 volts.....	3%
Service at 2,400 volts.....	3%

POWER FACTOR ADJUSTMENT – (E8)

When the billing demand has exceeded 500 kW for 3 consecutive months and thereafter until it has fallen below 300 kW for 12 consecutive months, bills will be adjusted for weighted monthly average power factor as follows: That portion of the monthly charge comprising the Demand Charge and the Energy Charge, including the Primary Service Discount, if applicable, will be decreased or increased, respectively, by 0.25 percent for each 1 percent that the average power factor of customer's load in the month was greater or less than 95 percent, such average power factor (to the nearest whole percent) is to be computed from the ratio of lagging kilovolt-ampere-hours to kilowatt-hours consumed in the month. All expenses for the installation and/or modification of the customers' facilities to accommodate VAR-hour metering shall be paid by the customer.

POWER FACTOR ADJUSTMENT – Cont'd

Large Commercial Service Bill Calculation Examples							
		Billing Period		11/01/13 – 11/30/13			
Total Energy Use			**25,000**	kWh	Or	**200,000**	kWh
Monthly Demand			**100**	kW		**500**	kW
Base Energy (kWh) Use (max	15,000	kWh)	15,000	kWh		15,000	kWh
Base Energy Rate ($/kWh)			$0.1560	/kWh		$0.1560	/kWh
Base Energy Charge			$2,340.00			$2,340.00	
Additional Energy Use (above	15,000	kWh)	10,000	kWh		185,000	kWh
Additional Energy Rate $/kWh)			$0.0750	/kWh		$0.0750	/kWh
Additional Energy Charge			$ 750.00			$13,875.00	
Total Energy Charges			$3,090.00			$16,215.00	
Demand Charge ($/kW) lesser of	**27.50**		$ 12.22	/kW		$ 27.50	/kW
		or					
	30.55	X (kWh-15,000/kWh)	100	kW		500	kW
Total Demand Charges			$ 1,222.00			$13,750.00	
Network Access Charge			$29.00	/mo.		$ 29.00	/mo.
TOTAL CHARGES			$4,341.00			$29,994.00	

INDUSTRIAL TIME-OF-USE SERVICE – (E*ON) or (E*OFF)

AVAILABILITY

This service is only available to any individually metered customer of REU operating under this schedule on or before May 20, 1997, when at a regularly-scheduled City Council meeting, the Redding City Council imposed a moratorium on new customers under this schedule.

CHARGES

This service is billed monthly at the following rate plus or minus any adjustments incorporated in this rate schedule or supplement hereto:

	Effective Date March 1, 2013	Effective Date March 1, 2014		
Network Access Charge	**$58.00**	**$ 66.00**	per meter	
Energy Charges				
On Peak	**$0.1638 and**	**$0.1766 and**	per kWh for the first 15,000 kWh during On-Peak hours in billing period	
	$0.0760	**$0.0820**	per kWh for all additional kWh during On-Peak hours in billing period	
Off Peak	**$0.0642 or**	**$0.0692 or**	per kWh	(if Off-Peak Demand is greater than or equal to On-Peak Demand)
	$0.0760	**$0.0820**	per kWh	(if Off-Peak Demand is less than On-Peak Demand)
Demand Charges				
On Peak	**Demand Charge ($/kW) for On-Peak demand, if Off-Peak Demand is greater than On-Peak Demand, shall be the lesser of:**			
a:	**$ 27.50**	**$ 29.65**	per kW	
	or	**or**		
b:	**$ 30.55**	**$ 32.95**	X (Total kWh-15,000)/Total kWh	
Off Peak	**Demand Charge ($/kW) for Off-Peak demand, if Off-Peak Demand is greater than On-Peak Demand:**			
	$2.00	**$ 2.15**	per kW	
Total	**Demand Charge ($/kW) for total billing demand, if On-Peak Demand is greater than or equal to Off-Peak Demand, shall be the lesser of:**			
a:	**$29.60**	**$ 31.95**	per kW	
	or	**or**		
b:	**$32.90**	**$ 35.45**	X (Total kWh-15,000)/Total kWh	

SPECIAL CONDITIONS

The ***summer*** period shall be in effect from May 1 to October 31, inclusive.

The following daily peak periods shall be applicable:

On-Peak Period:	2:31 p.m. to 6:30 p.m.	Monday through Friday, except holidays
Off-Peak Period:	6:31 p.m. to 2:30 p.m.	Monday through Friday, all day Saturday, Sunday, and holidays

The ***winter*** period shall be in effect from November 1 to April 30, inclusive.

During the winter period, the following daily peak periods shall be applicable:

On-Peak Period:	7:01 a.m. to 11:00 a.m.	Monday through Friday, except holidays
Off-Peak Period:	11:01 a.m. to 7:00 a.m.	Monday through Friday, all day Saturday, Sunday, and holidays

The following holidays, as established by California law, will be recognized as Off-Peak periods: New Year's Day, Martin Luther King Day, Lincoln's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veteran's Day, Thanksgiving, and Christmas Day.

APPLICABILITY

This service is applicable to all general power and lighting service when all power is supplied at one point of delivery, through one metered service, and the monthly maximum demand has exceeded 100 kW for 3 months out of the most recent, 12 consecutive month period. This service is only available to customers for twelve consecutive months at a time.

This service is not applicable to or available for resale, standby, or auxiliary service.

INDUSTRIAL TIME-OF-USE SERVICE (continued)

CHARACTER OF SERVICE

This service is characterized by single-phase or three-phase, 60 hertz, and at one standard nominal voltage as mutually agreed by REU and the customer and subject to availability at the point of delivery. All meter-recording equipment shall be supplied and maintained by REU. Any expense to modify the customer's facilities to accommodate the meter-recording equipment shall be paid by the customer.

BILLING DEMAND

The maximum demand in any month shall be the average power taken during any 15-minute interval in the current billing period as indicated or recorded by instruments installed, owned, and maintained by REU.

When the power usage is intermittent or subject to violent fluctuations, REU may base the billing demand upon a 5-minute interval.

PRIMARY/TRANSMISSION SERVICE DISCOUNT – (E83N) or (E83F)

When delivery is made and energy is metered at a primary or transmission voltage, the following discount shall be applied to the sum of the demand and energy charges. Service at 2,400 volts is not available to new customers requesting service after September 21, 1993.

	Discount
Service at 115,000 volts.....	10%
Service at 12,000 volts.....	3%
Service at 2,400 volts.....	3%

POWER FACTOR ADJUSTMENT – (E8ON) or (E8OFF)

When the billing demand has exceeded 500 kW for 3 consecutive months and thereafter until it has fallen below 300 kW for 12 consecutive months, bills will be adjusted for weighted monthly average power factor as follows: That portion of the monthly charge comprising the Demand Charge and the Energy Charge, including the Primary Service Discount, if applicable, will be decreased or increased, respectively, by 0.25 percent for each 1 percent that the average power factor of customer's load in the month was greater or less than 95 percent, such average power factor to be computed (to the nearest whole percent) from the ratio of lagging kilovolt-ampere-hours to kilowatt-hours consumed in the month. All expenses for the installation and/or modification of the customer's facilities to accommodate VAR-hour metering shall be paid by the customer.

INDUSTRIAL TIME-OF-USE SERVICE (continued)

Time of Use Service Bill Calculation Examples							
Billing Period				11/01/13 – 11/30/13			
Total On Peak Energy Use				**75,000**	kWh	**90,000**	kWh
On Peak Energy (max 15,000 kWh)				15,000	kWh	15,000	kWh
On Peak Energy Rate				$0.1638	/kWh	$0.1638	/kWh
On Peak Energy Charge				$2,457.00		$2,457.00	
Additional On Peak Energy (above 15, 000 kWh)				60,000	kWh	75,000	kWh
Add'l On Peak Energy Rate				$0.0760	/kWh	$0.0760	/kWh
Add'l On Peak Energy Charge				$4,560.00		$5,700.00	
Total On Peak Energy Charge				$7,017.00		$8,157.00	
Total Off Peak Energy Use				**90,000**	kWh	**75,000**	kWh
Off Peak Energy Rate		**$0.0642**	If Off-peak > On-Peak (kW)	$0.0642	/kWh		
	- or -	**$0.0760**	If Off-peak < On-Peak (kW)			$0.0760	/kWh
Total Off Peak Energy Charge				$5,778.00		$5,700.00	
Total Energy Charges				$12,795.00		$13,857.00	
Monthly On Peak Demand				**100**	kW	**150**	kW
On Peak Demand Charge							
Lesser of:	a:	**$27.50**	If Off-Peak > On-Peak (kW)				
	- or - b:	**$30.55**	X (kWh-15,000/kwh)	$27.50	/kW		
- OR -	a:	**$29.60**	If Off-Peak < On-Peak (kW)			$ 29.60	/kW
	- or - b:	**$32.90**	X (kWh-15,000/kwh)				
On Peak Demand Charges				$2,750.00		$4,440.00	
Monthly Off Peak Demand				**150**	kW	**100**	kW
Off Peak Demand Charge		**$2.00**	If Off-Peak > On-Peak (kW)	**$2.00**	/kWh		
	- or -	**$0**	If Off-Peak < On-Peak (kW)			**$ 0.00**	/kWh
Off Peak Demand Charges				$ 300.00		$ 0.00	
Total Demand Charges				$3,050.00		$4,440.00	
Network Access Charge				$58.00	/mo.	$58.00	/mo.
TOTAL CHARGES				$15,903.00		$18,355.00	

FIXEDUSAGE SERVICE – (E9)

AVAILABILITY

After April 1, 1985, this rate is only available for existing continuous usage rate services. New, decorative, sign, or other night-lighting services shall have metering equipment installed and be served under the applicable rate.

CHARGES

This service will be billed monthly at the following rate plus or minus any adjustments incorporated in this rate schedule or supplement hereto:

	Effective Date March 1, 2013	Effective Date March 1, 2014	
Energy Charge	**$0.2418**	**$0.2608**	per kWh for all kWh in billing period
Minimum monthly bill	**$ 18.95**	**$20.45**	

The monthly energy usage for applicable services shall be calculated by multiplying the maximum nameplate load rating of the device being served by either:

a. 730 hours for continuous usage service; or
b. 333 hours for dusk to dawn service.

APPLICABILITY

This service is applicable to electric service where metering equipment is not installed. Usage must be at a fixed rate or be subject to a flat-rate contract.

CHARACTER OF SERVICE

The service is characterized as single-phase or three-phase, 60 hertz, and at one standard nominal voltage as mutually agreed by REU and the customer and subject to availability at the point of delivery.

STREETLIGHT (NIGHTLIGHT) SERVICE – (E9EL)

CHARGES

This service will be billed monthly at the following flat rate plus or minus any adjustments to this rate schedule or supplement hereto:

Lamp Size	Cost per lamp if installed by: City		Customer	
Effective Date	**03/01/13**	**03/01/14**	**03/01/13**	**03/01/14**
70 watts high-pressure sodium	$18.14	$19.57	$ 5.89	$ 6.36
100 watts high-pressure sodium	$25.68	$27.70	$ 7.52	$ 8.11
150 watts high-pressure sodium	$26.98	$29.10	$ 9.68	$10.44
200 watts high-pressure sodium	$29.27	$31.57	$ 11.62	$12.54
250 watts high-pressure sodium	$31.40	$33.87	$13.58	$14.65
400 watts high-pressure sodium	$34.83	$37.57	$19.31	$20.83

Lamp Size	Cost Per City Installed Lamp	
Effective Date	**03/01/13**	**03/01/14**
175 watts mercury vapor	$27.96	$30.16
250 watts mercury vapor.....	$31.40	$33.87
400 watts mercury vapor	$34.83	$37.57
1,000 watts mercury vapor	$49.36	$53.23
1,500 watts mercury vapor	$67.33	$72.61

Mercury vapor lamps described above are no longer available for new installations. For lighting efficiency and energy conservation, all existing mercury vapor lamps will be replaced with comparable high-pressure sodium vapor lamps when servicing is necessary.

APPLICABILITY

This service is applicable to all unmetered outdoor lights maintained by REU on streets and highways and for all individual customers who request night lighting on private property where adequate City-owned facilities for light fixture mounting already exist.

CHARACTER OF SERVICE

This service is characterized as single-phase, 60 hertz, three-wire, nominal 120/240 volts (or three-wire, 120/208 volts at certain locations as are now or hereafter may be established by REU. The lamp, luminaries, control device, bracket, and pole/standard will be maintained by REU. A lamp will be controlled to operate from dusk to dawn each night giving approximately 333 hours of lighting service per month.

STADIUM LIGHTING SERVICE – (E7SL)

APPLICABILITY

This service is applicable, at REU's option, to all customers with a separately metered outdoor lighting load. This could include but not be limited to, stadium lighting, playing field lighting, parking lot lighting, etc. This service would be applicable to those customers who otherwise would be on the Large Commercial Service. It is assumed that these lights would be primarily used during off peak hours. REU reserves the right to deny access to this service if it is deemed that the usage is affecting the peak load of the system.

CHARGES

The customer will be billed for all energy service purchased from REU under the Large Commercial Service rate schedule except that the demand charge would be waived.

This energy structure for commercial lighting services is made to provide overall service cost reductions and economic incentives for commercial customers operating a lighting load primarily during the off peak time of day.

CHARACTER OF SERVICE

The service is characterized by single-phase or three-phase, 60 hertz, and at one standard nominal voltage as mutually agreed by REU and the customer and subject to availability at the point of delivery.

STANDBY DEMAND SERVICE

APPLICABILITY

This service is applicable, at REU's option, to all customers on the Large Commercial Service or the Industrial Time-Of-Use rate schedule who utilize their own generation to meet any portion of their electrical supply needs with an electric generation resource that is: 1) installed on the Customer's side of the delivery point; 2) and interconnected with load that REU may be required to serve on an as needed basis. The customer's generation system will be used to offset the customer's energy and if applicable, demand requirements, supplied by REU to the customer. REU reserves the right to limit the number of Customers allowed to interconnect generation systems and equipment on an individual electric circuit or substation.

CHARGES

The customer will be billed for all energy service purchased from REU under the applicable rate schedule. In addition, the Standby Demand charge shown below will be included on each of the Customer's periodic utility bills:

Effective Date	**03/01/2013**	**03/01/2014**
	$5.80 per kW	$6.25 per kW

This charge will be a monthly charge based on the Standby Demand as determined below.

CHARACTER OF SERVICE

The service is characterized by single-phase or three-phase, 60 hertz, and at one standard nominal voltage as mutually agreed by REU and the Customer and subject to availability at the point of delivery.

STANDBY DEMAND

The highest monthly recorded demand reading for a 12-month period directly preceding the customer's transition to the Standby Demand Service regardless of the time of day or the day of week of the reading. If monthly demand readings are not available for each of the 12 months preceding the customers transition to the Standby Demand Service, REU will estimate the maximum demand based on the customer's existing kwh usage and/or comparison of similar loads within the REU system. REU will reevaluate this Standby Demand on an annual basis and will increase or decrease the Standby Demand as appropriate.

TES ELECTRIC STANDBY SERVICE

APPLICABILITY

This charge is applicable, at REU's option, for all customers who utilize their own Thermal Energy Storage (TES) system to shift a portion or all of their on-peak demand requirements, as defined herein, to REU's off-peak period. The customer will be billed for all energy and capacity purchased from REU under the otherwise applicable rate schedule. REU reserves the right to limit the number of Customers allowed to interconnect TES systems and equipment on the electric system as a whole, an individual electric circuit or substation.

CHARGES

For the months of January through May, inclusive and October through December, inclusive, the customer will be billed the appropriate monthly network access charge, energy charge and demand charge for the applicable service provided to the site of the TES system.

For the months of June through September, inclusive, any customer receiving service under the Large Commercial or Industrial Time-of-Use (TOU) Rate that includes a demand charge component to the respective rate schedule, the customer will be billed at the associated demand charge rate for the highest recorded demand reading for the associated billing cycle during on-peak hours only, as defined in REU's Industrial TOU rate. During this period, the demand charges for all off-peak demand will be waived.

CHARACTER OF SERVICE

The service is characterized by single-phase or three-phase, 60 hertz, and at one standard nominal voltage as mutually agreed by REU and the Customer and is subject to the availability at the point of delivery.

BILLING DEMAND

The maximum demand in any billing cycle shall be the average power taken during any 15-minute interval in the current billing cycle as indicated or recorded by instruments installed, owned, and maintained by REU:

a) during on-peak hours in the months of June through September, inclusive; or
b) during all hours of the day in all other months.

ECONOMIC DEVELOPMENT SERVICE

APPLICABILITY

This service is applicable to any new customer whose monthly maximum demand is expected to exceed 100 kW for 3 months out of a consecutive 12-month period or to any existing customer whose monthly maximum demand is expected to increase by 100 kW for 3 months out of a consecutive 12-month period.

For the purpose of this service, a new customer is defined as a new business bringing entirely new electric load into the City. A business that changes location within the service territory or a business enterprise under new ownership does not qualify as a new business.

This service is not applicable to or available for resale, standby, or auxiliary service.

Qualified customers will be eligible for any and all service discounts available to commercial service customers including, but not limited to, the Primary/Transmission Service Discount and the Power Factor Adjustment.

EDS DISCOUNT

The monthly bill at the commercial rate, plus or minus any adjustments incorporated in this rate schedule or supplement hereto will be discounted as follows:

Discount:	Year 1	(Billing cycle 1 through 12)	= 25%
	Year 2	(Billing cycle 13 through 24)	= 20%
	Year 3	(Billing cycle 25 through 36)	= 15%
	Year 4	(Billing cycle 37 through 48)	= 10%
	Year 5	(Billing cycle 49 through 60)	= 5%

The Discount will end after 60 billing cycles.

In no event shall the cost of power to the customer fall below REU's average cost to supply power to that customer.

SPECIAL CONDITIONS

The customer will be required to sign a 5-year contract. If a customer covered under this schedule leaves before the expiration of the contract, penalties as established in the Council Policy regarding electric incentives for economic development shall apply.

A customer wishing to avail themselves of this service must apply for service within one year of becoming eligible, or lose that eligibility.

ECONOMIC DEVELOPMENT SERVICE (continued)

CHARACTER OF SERVICE

The service is characterized as single-phase or three-phase, 60 hertz, and at one standard nominal voltage as mutually agreed by REU and the customer and subject to availability at the point of delivery. All meter-recording equipment shall be supplied and maintained by REU. Any expense to modify the customer's facilities to accommodate the meter-recording equipment shall be paid by the customer.

ECONOMIC ATTRACTION SERVICE

APPLICABILITY

This service is applicable to any new customer who is considered a manufacturing or industrial company, and who is expected to use at least 15,000 kWh a month for three months out of a 12-month period. In addition, the Economic Attraction Service is not designed for those customers in a retail sales business.

Not applicable to, or available for, resale, standby, or auxiliary service.

CHARGES

A monthly bill will be provided at a rate mutually agreed upon by the company and the REU Director. This rate is negotiated and shall include all costs incurred in serving this customer. The rate shall include all relevant distribution and transmission-related costs, including fixed costs and power supply.

In no event shall the cost of power to the customer fall below the incremental cost of power to REU calculated on a per-kWh basis.

SPECIAL CONDITIONS

A customer on this schedule will be required to sign a contract. The length of the contract is negotiable. The intention of the Economic Attraction Service is to create a relationship with the customer, and for both parties to honor the terms of the negotiated contract. If, however, a customer covered under this schedule does not honor the terms of the contract, and leaves the REU system for another supplier, the customer may be required to pay a Competitive Transition Charge (CTC).

A customer who wishes to be serviced under this schedule must apply for service within one year of becoming eligible or lose that eligibility.

CHARACTER OF SERVICE

The service is characterized as single-phase or three-phase, 60 hertz, and at one standard nominal voltage as mutually agreed by REU and the customer and subject to availability at the point of delivery. All meter-recording equipment shall be supplied and maintained by REU. Any expense to modify the customer's facilities to accommodate the meter-recording equipment shall be paid by the customer.

RENEWABLE RESOURCE NET-METERING SERVICE – (E*NET)

APPLICABILITY

The renewable resource net metering tariff is applicable to residential customers and commercial customers where a part or all of the electrical requirements of the customer can be supplied from a solar, wind, or other eligible customer generator as defined in SB489 and SBX1 2 of not more than 1,000 kilowatts that is owned and operated by the customer. The generator must be connected for parallel operation with the service of REU, it must be located on the customer's premises, and it must be intended to offset part or all of the customer's electrical requirements.

Customers on this tariff will be net metered. Net energy metering is measuring the difference between the electricity supplied through the electric grid and the electricity generated by an eligible customer-generator and fed back to the grid over a 12-month period.

Customers whose solar and/or wind power production source's rated capacity or capability exceeds 10 kW, up to 1,000 kW or 1 megawatt, could require development of a co-metering tariff with REU, per statutory requirements, at the sole discretion of REU.

CHARGES

A monthly statement on the applicable residential or commercial service, energy and demand charges will be established for all customers operating under the Net Metering Tariff, plus or minus any adjustments incorporated in this rate schedule or supplement hereto.

The eligible customer-generator shall be billed each month for the applicable monthly network access charges. Residential and small commercial customers operating under this service will receive an estimate of net energy charges and/or demand charges due to REU. At the end of the twelve (12) billing cycles following the date of the generator's final interconnection with the Utility's system and at the end of each successive twelve (12) billing cycles thereafter, the customer shall receive a bill for any applicable charges for electricity used during the previous 12 month period that are unpaid. The customer-generator shall be compensated for any net surplus energy transmitted during the previous 12 month period per Special Conditions #3 below. Large Commercial customers will be provided monthly bills for all applicable services, per State Law.

SPECIAL CONDITIONS

1. Generation Interconnection Agreement: An interconnection agreement with the customer is required for service under this schedule. The customer must comply with conditions and terms set forth by REU for the safe and efficient interconnection of equipment with the REU electrical system.

2. Net Energy: Net energy is E_S minus E_F where E_S is energy supplied by REU and E_F is energy generated by the customer and fed back into REU's system at such times as customer generation exceeds customer requirements. If the net energy value resulting from the above computation is positive, an energy charge shall be applied at the rates specified above. If the calculation of net energy yields a negative result, all such net surplus energy shall be considered net surplus energy transmitted and shall be treated as stated in Special Condition No. 3 below. The components of net energy, E_S and E_F, shall be determined by the use of metering equipment best suited for each facility

or location, as determined by REU. All necessary labor, equipment, materials, and related facilities costs in addition to, or in substitution for, standard City facilities that are required in order to take and sell power through one meter socket, will be at the customer's expense.

3. Net Surplus Energy Transmitted: Net energy transmitted occurs when the cumulative value of E_F exceeds the cumulative value of E_S during the entire billing period and is the amount by which the energy generated by the customer and fed back into REU's system exceeds the energy supplied by REU over an entire billing period. In the event the energy generated exceeds the energy consumed during the 12-month period, payment will be made for the net surplus energy delivered to REU's grid. This compensation will be based on REU's current avoided cost for energy. This is initially set at 5.5 cents per kWh and will be updated administratively on an annual basis.

4. Payment: Statements of any and all monthly service costs will be provided monthly and bills for service will be rendered annually to customers receiving service under the Residential or Small Commercial tariffs outlined herein, per State Law. However, such customers operating under this rate schedule will be allowed to provide periodic (e.g. monthly or bi-monthly) payments for services rendered, if applicable, to avoid an unbudgeted utility expense. Large Commercial customers will be provided monthly bills for all services received under this service, per State Law.

5. Renewable Energy Credits: REU shall retain all renewable energy credits and greenhouse gas credits associated with each watt of solar PV installed under REU's existing rebate program as allowed under State Law.

POWER COST ADJUSTMENT – (PCA)

PURPOSE

The purpose of this adjustment is to appropriately adjust for increases in REU's wholesale power costs due to the Revenue Adjustment Clause (RAC) associated with purchases by REU from the Department of Energy, Western Area Power Administration (Western).

APPLICATION OF POWER COST ADJUSTMENT

The monthly Power Cost Adjustment (PCA) dollar amount to be added to each bill shall be obtained by multiplying the number of kilowatt-hours for which the bill is rendered by the applicable monthly PCA Factor. This has not been used since the Interim Rate Surcharge was implemented in 1997.

CALCULATION OF THE POWER COST ADJUSTMENT FACTORS

1. The PCA Factor will be calculated and made effective every June 15 and December 15 to reflect any changes in Western's RAC.

2. If Western's RAC amount, in dollars, is a debit (monies owed to Western by Redding), then:

    a. Western's RAC debit will be adjusted by:

        (1) Subtracting any amount, in dollars, that is over the PCA Balancing Account's minimum balance of $300,000 as recorded 2 months prior to the effective date of the PCA Factor being calculated; however,

        (2) If the 2 months' prior balance of the PCA Balancing Account is below $300,000, then the necessary dollar amount required to restore the account to $300,000 will be added to Western's RAC debit.

    b. The adjusted debit dollar amount (as referenced in Section 2.a.) will be divided by the adjusted sum of all retail kilowatt-hour sales for the 6-month period beginning 12 months prior to the effective date of the PCA Factor.

    c. The adjusted sum of retail kilowatt-hour sales (as referenced in Section 2.b.) will be determined by multiplying the historical total kilowatt-hour sales by a historical 3-year average annual energy growth factor to reflect REU's rate of growth in kilowatt-hour sales.

    d. The PCA Factor resulting from the calculations in Section 2.b. will be applied as a charge to all retail kilowatt-hour sales on a monthly billing-cycle basis beginning with the effective date of the PCA Factor being calculated.

POWER COST ADJUSTMENT (continued)

e. If the calculation of the PCA Factor results in a debit of less than 0.01 cents per kilowatt-hour, then the PCA Factor will be 0.00 cents per kilowatt-hour. The RAC debits from Western will be paid from the PCA Balancing Account.

3. A PCA Balancing Account shall be maintained as an operating account for the purposes of accommodating the cash-flow fluctuations inherent in the PCA process.

a. Each month when a power bill is rendered from Western, which includes any adjustment for Western's RAC, the account's balance will be calculated as follows:

(1) Subtract Western's monthly RAC charge, in dollars, from the balance which existed at the end of the prior month.

(2) Add the amount, in dollars, recovered from the application of the PCA Factor, which was effective during the prior month. Such amount shall be the product of kilowatt-hours of energy billed during the month and the applicable PCA Factor.

(3) Add the amount, in dollars, of all interest earned on the average balance of the funds in the PCA Balancing Account.

(a) Funds from the monthly collection of the PCA will be invested by the City along with the City's other cash accounts and, therefore, will accrue interest at the average monthly rate paid on the City's variable investment account.

b. Best efforts will be made to maintain a minimum balance in the PCA Balancing Account of $300,000.

FEDERAL ENVIRONMENTAL SURCHARGE – (FES)

APPLICABILITY

This surcharge is applicable to the entire City of Redding service area for all kilowatt-hours billed under all rate schedules.

PURPOSE

The purpose of this surcharge is to appropriately adjust for increases and decreases in the REU's wholesale power costs due to the Federal Environmental Surcharge (FES) imposed by HR429 of the 1993 statutes, which is associated with purchases by the City of Redding from the Department of Energy, Western Area Power Administration (Western).

SURCHARGE

The monthly FES dollar amount to be added to or subtracted from each bill, shall be obtained by multiplying the number of kilowatt-hours for which the bill is rendered by the applicable monthly FES Rate. The FES Rate will become effective the first day of the month for which Western imposes the FES and will change from time to time thereafter, when changes in the FES are imposed by Western.

CALCULATION OF THE SURCHARGE

1. The FES Rate will be determined by multiplying the retail kilowatt-hour purchases of Western energy for the following 6-month period as defined in Section 1.A. by the FES rate charged by Western, then by subtracting from the resultant product the FES Balancing Account as defined in Paragraph 2, the difference will then be divided by the total projected retail kilowatt-hour sales as defined in Section 1.A.

    a. Projected kilowatt-hour sales and purchases for FES calculation purposes shall be those amounts projected most recently by REU.

    b. If the calculation of the FES Rate results in a surcharge of less than 0.01 cents per kilowatt-hour, then the FES Rate will be 0.00 cents per kilowatt-hour.

2. An FES Balancing Account shall be maintained as an operating account for the purposes of accommodating the cash-flow fluctuations inherent in the FES process.

    Each month when a power bill is rendered from Western, which includes any adjustment for Western's FES, the account's balance will be calculated as follows:

    a. Subtract Western's monthly FES charge, in dollars, from the balance which existed at the end of the prior month.

b. Add the amount, in dollars, recovered from the application of the FES Rate which was effective during the prior month. Such amount shall be the product of kilowatt-hours of energy billed during the month and the applicable FES Rate.

c. Add the amount, in dollars, of all interest earned on the average balance of the funds in the FES Balancing Account.

Funds from the monthly collection of the FES will be invested by the City along with the City's other cash accounts and, therefore, will accrue interest at the average monthly rate paid on the City's variable investment account.

STATE REGULATORY SURCHARGE – (STATE)

PURPOSE

The State Regulatory surcharge or Energy Commission tax was established in 1975 by the State Board of Equalization, pursuant to Sections 40031 et seq., of the Revenue and Taxation Code of the State of California, to provide funding for the California Energy Commission.

SURCHARGE

The monthly dollar amount to be added to or subtracted from each bill shall be obtained by multiplying the number of kilowatt-hours for which the bill is rendered by the applicable monthly State surcharge rate. The State surcharge rate will become effective the first day of the month for which the State imposes the surcharge, and will change from time to time thereafter when changes to the rate are made by the State.

The surcharge was initially set at $0.0002 per kWh. As of January 2013, the surcharge is set at $0.00029 per kWh.

This rate is subject to revision from time to time by the California State Board of Equalization. The surcharge does not apply to electric service for federal government and certain other agencies. (E*US)

SOLAR INITIATIVE PROGRAM SURCHARGE – (ESOLR)

APPLICABILITY

This surcharge is applicable to the entire City of Redding service area for all kilowatt-hours billed under all rate schedules.

PURPOSE

This surcharge has been developed to appropriately fund the rebates and incentives available for customers under REU's Solar Initiative program. This program has been created, as set forth in the State's Senate Bill 1 (SB1) or the *California Solar Initiative*. SB1, as written into law in 2006-2007 mandates that all utilities, including REU, must offer a solar photovoltaic (PV) program that provides rebates/incentives to support the development and installation of PV systems throughout their respective service territories. Based upon SB1 spending requirements, REU has calculated that approximately $1 million dollars will be made available for solar PV rebates per year between the years of 2008 - 2017.

SURCHARGE

To support this funding requirement, the surcharge will be a separate line item on all REU customer bills, excluding customers who qualify for lifeline discount.

The surcharge amount of $0.00125/kWh will be applied to all kWh sold on REU's system, effective October 2007.

CALCULATION OF THE SURCHARGE

1. The initial surcharge amount of $0.00125 will be applied to all kilowatt-hours consumed by each customer in all REU classes.

2. All funds provided under this surcharge will be placed in a specific account or fund solely for the purpose of implementing REU's Solar Initiative program.

3. REU will maintain an on-going fund balance of not more than $2 million dollars to be used toward REU's Solar Initiative program.

4. If or when the fund balance exceeds $2 million for more than 2 months, REU shall reduce the surcharge by an amount that is appropriate to maintain the balance, at or below $2 million.

MISCELLANEOUS FEES, CHARGES, AND DEPOSITS Effective July 1, 2012

Priority Service Connection……..…….Same Day Service - $50.00
After 4:00 p.m. - $89.00

Service Transfer Fee $25.00

Credit Report..... $5.00

15-day Late Notice
Commercial Accounts..... 3% of delinquent balance ($16 minimum)
Residential Accounts $16.00

7-day Final Disconnection Notice
Commercial Accounts..... $20.00
Residential Accounts $20.00

Field Collection Fee..... $50.00

Service Reconnection Fee (disconnection due to nonpayment of utility bill)..... $50.00

Service Reconnection (after 4:00 p.m.) $89.00

Service Disconnection Fee (at pole or transformer)…….. $99.00

Service Reconnection Fee (at pole or transformer) ……..… $99.00

Voltmeter Reading $75.00

Watt-Hour Meter Testing Fee $75.00

Meter Tampering Penalty (up to)..... $500.00

On-site Delivery of Disconnect Notification (door hanger) $50.00

Utility Service Deposit.....Twice the average monthly bill
Residential Minimum……. $100.00
Commercial Minimum…… $200.00
Water Only Minimum…… $50.00

Temporary Electric Service Connection (with permit)…… 49.00

Conference/Meeting Rooms:
1-4 Hours ……. $33.00
4.1 or More Hours/Day …… $64.00

Load Profiling/Energy Usage Monitoring Program – landline or ethernet connection.……... $50.00
Load Profiling/Energy Usage Monitoring Program – wireless connection……...…….. $65.00
Level II REU Energy Audit……...…….. $125.00

GLOSSARY OF TERMS

Demand — The average rate over a given period of time that a customer requires delivery of electric energy from the Utility system. ***Demand*** is another term for ***power***.

Energy — The capacity to perform work generally as heat or electricity.

Electric Current — The movement of charged particles (e.g. electrons) in a material (e.g. power lines). ***Current*** is measured in units called ***Amperes*** or ***Amps***.

Kilowatt (kW) — One thousand (1,000) watts. ***Kilowatt*** is a nominal or standard measurement/rating of the capacity of electric lines or equipment and ***demand*** or ***power***.

Kilowatt-hour (kWh) — ***Kilowatt-hour*** is the standard measurement of electric energy. One ***kilowatt-hour*** is the amount of energy it takes to run a 100 watt light bulb for 10 hours. (100 watts X 10 hours = 1,000 watt-hours = 1 kilowatt-hour.)

Load — Any device that can convert the energy from electric current into some other useful form of energy, such as light, heat, sound, or mechanical motion. In electrical terms, ***load*** also refers to the amount of electric ***demand*** or ***power*** that the device uses or is rated to use.

Load Factor — The ratio of the actual energy consumed and the maximum potential energy available during a specified time period, usually expressed as a percentage.

e.g. $\frac{\text{10,000 kWh/mo}}{\text{20 kW Demand x 720 hours/mo}} = \frac{\text{10,000 kWh/mo}}{\text{14,400 kWh/mo}} = 69.4\%$ Load Factor

Network Access Charge — The monthly charge established for each customer for access to the electric distribution system. This includes the costs of installing and maintaining the electric lines and transformers necessary to provide electricity to the customer's location. This charge also includes the costs of installing, maintaining and reading the meter, as well as all other billing and customer service related functions provided by the Utility.

On-Peak Period — The hours of the day at which the highest level of ***demand*** is typically required by all customers of the Utility system in aggregate. REU's ***peak demand*** period is typically the afternoon hours of the summer months because of the increased air conditioning ***load***.

Peak Demand The highest level of ***demand*** required by a specific piece of equipment, a customer's entire service, or the utility system as a whole at a given time.

Power The rate at which electric energy is delivered by an electric current. ***Power*** is equal to the product of voltage and current (***Volts*** X ***Amps*** = ***Watts***).

Voltage The force that moves charged particles (e.g. electrons) in material. It is measured in units called ***Volts***.

Watt (W) The standard measurement of electric power. One hundred ***watts*** is the rate of energy transfer equal to 10 amps flowing under the influence of 10 volts.