



**RATE SCHEDULE E-30
GENERAL SERVICE
EXTRA SMALL UNMETERED**

AVAILABILITY

This rate schedule is available to non-residential Customers who have consistent monthly energy and demand requirements.

DESCRIPTION

This rate has two parts: a basic service charge and an energy charge that varies based on the season. This plan is for Customers who have billing quantities that can be calculated without the use of metering equipment and service that can be supplied from a single point of delivery; such as sprinkler systems and cable television amplifiers.

TIME PERIODS

Summer season: May through October billing cycles
 Winter season : November through April billing cycles

CHARGES

The monthly bill will consist of the following charges, plus adjustments:

Bundled Charges

Basic Service Charge	\$ 0.415	per day	
	Summer	Winter	
Energy Charge	\$ 0.14140	\$ 0.12763	per kWh

Unbundled Components of the Bundled Charges

Bundled Charges consist of the components shown below. These are not additional charges.

Basic Service Charge Components

Customer Accounts	\$ 0.384	per day	
Billing	\$ 0.031	per day	

Energy Charge Components

System Benefits	\$ 0.00331	per kWh	
Transmission	\$ 0.00794	per kWh	
Delivery	\$ 0.04868	per kWh	



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	Summer	Winter	
Generation Charge	\$ 0.08147	\$ 0.06770	per kWh

ADJUSTMENTS

The bill will include the following adjustments:

1. The Renewable Energy Adjustment Charge, Adjustment Schedule REAC-1.
2. The Power Supply Adjustment charges, Adjustment Schedule PSA-1.
3. The Transmission Cost Adjustment charge, Adjustment Schedule TCA-1.
4. The Environmental Improvement Surcharge, Adjustment Schedule EIS.
5. The Demand Side Management Adjustment Charge, Adjustment Schedule DSMAC-1.
6. Direct Access Customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge, Adjustment Schedule RCDAC-1.
7. Any applicable taxes and governmental fees that are assessed on APS's revenues, prices, sales volume, or generation volume.

SPECIAL PROVISIONS

1. Electric services being served on the Company's Rate Schedule E-30 prior to April 1, 2005 will continue to be served under this rate schedule; however, services eligible for this rate schedule after that date must meet the demand and energy requirements set forth below.
2. This rate schedule is only available to Customers whose monthly demand (kW) and energy (kWh) requirements remain constant. Monthly demand and energy requirements cannot exceed 1.44 kW (12 amperes) or 1,095 kWh at 120 volts, or 2.9 kW (12 amperes) or 2,117 kWh at 240 volts. Determination of fixed monthly energy usage will be calculated based on the manufacturer's nameplate rating of the equipment and based on an average 730 hour month.
3. Prior written approval by an authorized Company representative is required before service is implemented under this rate schedule.



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4. Prior written approval by an authorized Company representative is required for any change in loads. An unauthorized load change will automatically disqualify that Customer from service under this rate schedule.
5. The Company shall have the right to inspect the Customer's load facilities at any time to ensure compliance with all provisions of this rate schedule.
6. Service must be supplied at one site through one point of delivery as specified by the written approval.
7. This schedule is not applicable to breakdown, standby, supplemental, residential or resale service.

SERVICE DETAILS

1. APS provides electric service under the Company's Service Schedules. These schedules provide details about how the Company serves its Customers, and they have provisions and charges that may affect the Customer's bill (for example, service connection charges).
2. Electric service provided will be single-phase, 60 Hertz at the Company's standard voltages available at the Customer site. Three-phase service is required for motors of an individual rated capacity of 7 ½ HP or more.
3. Direct Access Customers who purchase available electric services from a supplier other than APS may take service under this schedule. The bill for these Customers will only include the Unbundled Component charges for Customer Accounts, Delivery, System Benefits, and any applicable Adjustments. If metering and billing services are not available from another supplier, those services will be provided by APS and billed to the Customer at the charges shown above.



**RATE SCHEDULE E-32 XS
EXTRA SMALL GENERAL SERVICE (0 kW - 20 kW)**

AVAILABILITY

This rate schedule is available to non-residential Customers, and to Customers with secondary services at residential sites that are separately metered such as wells or detached garages.

DESCRIPTION

This rate has two parts: a basic service charge and an energy charge for the total energy (kWh) used for the entire month. The energy charge will vary by season (summer or winter). Customers with an average summer monthly maximum demand of 20 kW or less per month based on the Customer's average demand (kW) supplied during the 1-hour period of maximum use during the month.

The Company will place the Customer on the applicable Rate Schedule E-32 XS, E-32 S, E-32 M, or E-32 L based on the Customer's average summer monthly maximum demand, as determined by the Company each year. This determination will be made annually.

TIME PERIODS

Summer season: May through October billing cycles
 Winter season: November through April billing cycles

CHARGES

The monthly bill will consist of the following charges, plus adjustments:

Bundled Charges

Basic Service Charges:		
For service through Self-Contained Meters	\$ 1.189	per day
For service through Instrument-Rated Meters	\$ 2.071	per day
For service at Primary Voltage	\$ 5.071	per day

Energy Charges:			
	Summer	Winter	
Secondary Service - First 5,000 kWh	\$ 0.13867	\$ 0.12193	per kWh
Secondary Service - All Additional kWh	\$ 0.07700	\$ 0.05990	per kWh
Primary Service - First 5,000 kWh	\$ 0.13509	\$ 0.11830	per kWh



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EXTRA SMALL GENERAL SERVICE (0 kW - 20 kW)**

Primary Service - All Additional kWh	\$ 0.07308	\$ 0.05631	per kWh
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Unbundled Components of the Bundled Charges

Bundled Charges consist of the components shown below. These are not additional charges.

Basic Service Charge Components		
Customer Accounts Charges:	\$ 0.517	per day
Meter Reading	\$ 0.009	per day
Billing	\$ 0.031	per day
Meter* (only one applies)		
Self Contained Meters	\$ 0.632	per day
Instrument-Rated Meters	\$ 1.514	per day
Primary	\$ 4.514	per day

*These daily metering charges apply to typical installations. Customers requesting specialized facilities are subject to additional metering charges.

Energy Charges

System Benefits Charge	\$ 0.00331	per kWh
Transmission Charge	\$ 0.00794	per kWh

Delivery (only one set applies)

		Summer	Winter	
Secondary	First 5,000 kWh	\$ 0.04561	\$ 0.04555	per kWh
	All additional kWh	\$ 0.01466	\$ 0.01424	per kWh
Primary	First 5,000 kWh	\$ 0.04203	\$ 0.04192	per kWh
	All additional kWh	\$ 0.01074	\$ 0.01065	per kWh

Generation Charges

	Summer	Winter	
First 5,000 kWh	\$ 0.08181	\$ 0.06513	per kWh
All additional kWh	\$ 0.05109	\$ 0.03441	per kWh



ADJUSTMENTS

The bill will include the following adjustments:

1. The Renewable Energy Adjustment Charge, Adjustment Schedule REAC-1.
2. The Power Supply Adjustment charges, Adjustment Schedule PSA-1.
3. The Transmission Cost Adjustment charge, Adjustment Schedule TCA-1.
4. The Environmental Improvement Surcharge, Adjustment Schedule EIS.
5. The Demand Side Management Adjustment Charge, Adjustment Schedule DSMAC-1.
6. The Lost Fixed Cost Recovery adjustment charge, Adjustment Schedule LFCR.
7. Direct Access Customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge, Adjustment Schedule RCDAC-1.
8. Any applicable taxes and governmental fees that are assessed on APS's revenues, prices, sales volume, or generation volume.

RATE RIDERS

Eligible rate riders for this rate schedule are:

EPR-2	Partial Requirements - Net Billing
EPR-6	Partial Requirements - Net Metering
E-56R	Partial Requirements - Renewable
SD-1	School Discount
GPS-1, GPS-2, GPS-3	Green Power

POWER FACTOR REQUIREMENTS

1. The Customer's load must not deviate from phase balance by more than 10%.
2. Customers receiving service at voltage levels below 69 kV must maintain a power factor of 90% lagging. The power factor cannot be leading unless the Company agrees.



3. Customers receiving service at voltage levels of 69 kV or above must maintain a power factor of $\pm 95\%$.
4. The Company may install certain monitoring equipment to test the Customer's power factor. If the load doesn't meet the requirements the Customer will pay the cost to install and remove the equipment.
5. If the load does not meet the power factor requirements the Customer must resolve the issue. Otherwise, the Customer must pay for any costs incurred by the Company for investments on its system necessary to address the issue. Also, until the problem is remedied, the Company may compute the customer's monthly billing demand with kVA instead of kW.

SERVICE DETAILS

1. APS provides electric service under the Company's Service Schedules. These schedules provide details about how the Company serves its customers, and they have provisions and charges that may affect the customer's bill (for example, service connection charges).
2. Electric service provided will be single-phase, 60 Hertz at the Company's standard voltages available at the Customer site. Three-phase service is required for motors of an individual rated capacity of 7 ½ HP or more.
3. Electric service is supplied at a single point of delivery and measured through a single meter.
4. Direct Access customers who purchase available electric services from a supplier other than APS may take service under this schedule. The bill for these customers will only include the Unbundled Component charges for Customer Accounts, Delivery, System Benefits, and any applicable Adjustments. If metering and billing services are not available from another supplier, those services will be provided by APS and billed to the customer at the charges shown above.



**RATE SCHEDULE E-32 XS D
EXTRA SMALL GENERAL SERVICE (0 kW - 20 kW)**

AVAILABILITY

This rate schedule is available to non-residential Customers and to Customers with secondary services at residential sites that are separately metered such as wells or detached garages.

DESCRIPTION

This rate is a General Service rate where applicable Customer's average monthly maximum demand is 20 kW or less per month. This rate has three parts: a basic service charge; a demand charge for the average demand (kW) supplied during the 1-hour period of maximum use during the month; and an energy charge for the total energy (kWh) used for the entire month. The energy charge will vary by season (summer or winter).

The Company will place the Customer on the applicable Rate Schedule E-32 XS, E-32 S, E-32 M, or E-32 L based on the Customer's average summer monthly maximum demand, as determined by the Company each year. This determination will be made annually.

TIME PERIODS

Summer season:	May through October billing cycles
Winter season:	November through April billing cycles

CHARGES

The monthly bill will consist of the following charges, plus adjustments:

Bundled Charges

Basic Service Charges:		
For service through Self-Contained Meters	\$ 1.189	per day
For service through Instrument-Rated Meters	\$ 2.071	per day
For service at Primary Voltage	\$ 5.071	per day

	Summer	Winter	
Secondary Service Demand Charge	\$ 7.073	\$ 7.073	per kW
Primary Service Demand Charge	\$ 4.408	\$ 4.408	per kW
Secondary Service Energy Charge	\$ 0.10811	\$ 0.08853	per kWh
Primary Service Energy Charge	\$ 0.10198	\$ 0.08258	per kWh



**RATE SCHEDULE E-32 XS D
EXTRA SMALL GENERAL SERVICE (0 kW - 20 kW)**

Unbundled Components of the Bundled Charges

Bundled Charges consist of the components shown below. These are not additional charges.

Basic Service Charge Components

Customer Accounts Charges:	\$ 0.517	per day
Meter Reading	\$ 0.009	per day
Billing	\$ 0.031	per day
Metering* (only one applies)		
Self-Contained Meters	\$ 0.632	per day
Instrument-Rated Meters	\$ 1.514	per day
Primary	\$ 4.514	per day

*These daily metering charges apply to typical installations. Customers requesting specialized facilities are subject to additional metering charges.

Demand Charge Components

Delivery Secondary	\$ 7.073	per kW
Delivery Primary	\$ 4.408	per kW

Energy Charge Components

System Benefits Charge	\$ 0.00331	per kWh
Transmission Charge	\$ 0.00794	per kWh

Delivery Charges (only one applies)

	Summer	Winter	
For Secondary Service	\$ 0.01433	\$ 0.01415	per kWh
For Primary Service	\$ 0.00820	\$ 0.00820	per kWh

	Summer	Winter	
Generation Charge	\$ 0.08253	\$ 0.06313	per kWh

The kW used to determine the demand charge as shown above will be based on the average kW supplied during the highest 1-hour period during the month.



ADJUSTMENTS

The bill will include the following adjustments:

1. The Renewable Energy Adjustment Charge, Adjustment Schedule REAC-1.
2. The Power Supply Adjustment charges, Adjustment Schedule PSA-1.
3. The Transmission Cost Adjustment charge, Adjustment Schedule TCA-1.
4. The Environmental Improvement Surcharge, Adjustment Schedule EIS.
5. The Demand Side Management Adjustment Charge, Adjustment Schedule DSMAC-1.
6. The Lost Fixed Cost Recovery Adjustment charge, Adjustment Schedule LFCR.
7. Direct Access Customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge, Adjustment Schedule RCDAC-1.
8. Any applicable taxes and governmental fees that are assessed on APS's revenues, prices, sales volume, or generation volume.

RATE RIDERS

Eligible rate riders for this rate schedule are:

EPR-2	Partial Requirements - Net Billing
EPR-6	Partial Requirements - Net Metering
E-56R	Partial Requirements - Renewable
SD-1	Schools Discount
GPS-1, GPS-2, GPS-3	Green Power

POWER FACTOR REQUIREMENTS

1. The Customer's load must not deviate from phase balance by more than 10%.
2. Customers receiving service at voltage levels below 69 kV must maintain a power factor of 90% lagging. The power factor cannot be leading unless the Company agrees.



RATE SCHEDULE E-32 XS D
EXTRA SMALL GENERAL SERVICE (0 kW - 20 kW)

3. Customers receiving service at voltage levels of 69 kV or above must maintain a power factor of $\pm 95\%$.
4. The Company may install certain monitoring equipment to test the Customer's power factor. If the load doesn't meet the requirements the Customer will pay the cost to install and remove the equipment.
5. If the load does not meet the power factor requirements the Customer must resolve the issue. Otherwise, the Customer must pay for any costs incurred by the Company for investments on its system necessary to address the issue. Also, until the problem is remedied, the Company may compute the customer's monthly billing demand with kVA instead of kW.

SERVICE DETAILS

1. APS provides electric service under the Company's Service Schedules. These schedules provide details about how the Company serves its Customers, and they have provisions and charges that may affect the customer's bill (for example, service connection charges).
2. Electric service provided will be single-phase, 60 Hertz at the Company's standard voltages available at the Customer site. Three-phase service is required for motors of an individual rated capacity of 7 1/2 HP or more.
3. Electric service is supplied at a single point of delivery and measured through a single meter.
4. Direct Access Customers who purchase available electric services from a supplier other than APS may take service under this schedule. The bill for these Customers will only include the Unbundled Component charges for Customer Accounts, Delivery, System Benefits, and any applicable Adjustments. If metering and billing services are not available from another supplier, those services will be provided by APS and billed to the Customer at the charges shown above.



RATE SCHEDULE E-32 S
SMALL GENERAL SERVICE (21 kW - 100 kW)

AVAILABILITY

This rate schedule is available to non-residential Customers with a monthly load of 21 kW up to and including 100 kW.

DESCRIPTION

This rate has three parts: a basic service charge; a demand charge for the average demand (kW) supplied during the 15-minute period of maximum use during the month; and an energy charge for the total energy (kWh) used for the entire month. The energy charge will vary by season (summer or winter). Demand charges also vary by voltage.

The Company will place the Customer on the applicable Rate Schedule E-32 XS, E-32 S, E-32 M, or E-32 L based on the Customer's average summer monthly maximum demand, as determined by the Company each year. This determination will be made annually.

TIME PERIOD

Summer season:	May through October billing cycles
Winter season:	November through April billing cycles

CHARGES

The monthly bill will consist of the following charges, plus adjustments:

Bundled Charges

Basic Service Charges		
For service through Self-Contained Meters	\$ 1.189	per day
For service through Instrument-Rated Meters	\$ 2.071	per day
For service at Primary Voltage	\$ 5.071	per day

Demand Charges			
Secondary	First 100 kW	\$ 11.573	per kW
	All additional kW	\$ 6.702	per kW
Primary	First 100 kW	\$ 10.821	per kW
	All additional kW	\$ 5.950	per kW



RATE SCHEDULE E-32 S
SMALL GENERAL SERVICE (21 kW - 100 kW)

Energy Charge			
	Summer	Winter	
First 200 kWh per kW	\$ 0.10950	\$ 0.09330	per kWh
All additional kWh	\$ 0.06861	\$ 0.05243	per kWh

Unbundled Components of the Bundled Charges

Bundled Charges consist of the components shown below. These are not additional charges.

Basic Service Charge Components

Customer Accounts Charge	\$ 0.517	per day
Meter Reading	\$ 0.009	per day
Billing	\$ 0.031	per day
Metering* (only one applies)		
Self Contained Meters	\$ 0.632	per day, or
Instrument-Rated Meters	\$ 1.514	per day, or
Primary	\$ 4.514	per day

*These daily metering charges apply to typical installations. Customers requesting specialized facilities are subject to additional metering charges.

Demand Charge Components

Transmission Charge	\$ 2.870	per kW	
Delivery - Secondary	First 100 kW	\$ 8.703	per kW
	All additional kW	\$ 3.832	per kW
Delivery - Primary	First 100 kW	\$ 7.951	per kW
	All additional kW	\$ 3.080	per kW

Energy Charge Components

System Benefits Charge	\$ 0.00331	per kWh
Delivery Charge	\$ 0.01421	per kWh

Generation Charges			
	Summer	Winter	
First 200 kWh per kW	\$ 0.09198	\$ 0.07578	per kWh
All additional kWh	\$ 0.05109	\$ 0.03491	per kWh



RATE SCHEDULE E-32 S
SMALL GENERAL SERVICE (21 kW - 100 kW)

The kW used to determine the demand charge as shown above will be based on the average kW supplied during the highest 15-minute period during the month.

ADJUSTMENTS

The bill will include the following adjustments:

1. The Renewable Energy Adjustment Charge, Adjustment Schedule REAC-1.
2. The Power Supply Adjustment charges, Adjustment Schedule PSA-1.
3. The Transmission Cost Adjustment charge, Adjustment Schedule TCA-1.
4. The Environmental Improvement Surcharge, Adjustment Schedule EIS.
5. The Demand Side Management Adjustment charge, Adjustment Schedule DSMAC-1.
6. The Lost Fixed Cost Recovery Adjustment charge, Adjustment Schedule LFCR.
7. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge, Adjustment Schedule RCDAC-1.
8. Any applicable taxes and governmental fees that are assessed on APS's revenues, prices, sales volume, or generation volume.

RATE RIDERS

Eligible rate riders for this rate schedule are:

EPR-2	Partial Requirements - Net Billing
EPR-6	Partial Requirements - Net Metering
E-56 R	Partial Requirements - Renewable
GPS-1, GPS-2, GPS-3	Green Power
SD-1	Schools Discount
SGSP (Frozen)	Schools and Government Solar Program

POWER FACTOR REQUIREMENTS

1. The Customer's load must not deviate from phase balance by more than 10%.



2. Customers receiving service at voltage levels below 69 kV must maintain a power factor of 90% lagging. The power factor cannot be leading unless the Company agrees.
3. Customers receiving service at voltage levels of 69 kV or above must maintain a power factor of $\pm 95\%$.
4. The Company may install certain monitoring equipment to test the Customer's power factor. If the load doesn't meet the requirements the Customer will pay the cost to install and remove the equipment.
5. If the load does not meet the power factor requirements the Customer must resolve the issue. Otherwise, the Customer must pay for any costs incurred by the Company for investments on its system necessary to address the issue. Also, until the problem is remedied, the Company may compute the customer's monthly billing demand with kVA instead of kW.

SERVICE DETAILS

1. APS provides electric service under the Company's Service Schedules. These schedules provide details about how the Company serves its customers, and they have provisions and charges that may affect the customer's bill (for example, service connection charges).
2. Electric service provided will be single-phase, 60 Hertz at the Company's standard voltages available at the Customer site. Three-phase service is required for motors of an individual rated capacity of 7 ½ HP or more.
3. Electric service is supplied at a single point of delivery and measured through a single meter.
4. Direct Access Customers who purchase available electric services from a supplier other than APS may take service under this schedule. The bill for these customers will only include the Unbundled Component charges for Customer Accounts, Delivery, System Benefits, and any applicable Adjustments. If metering and billing services are not available from another supplier, those services will be provided by APS and billed to the customer at the charges shown above.



**RATE SCHEDULE E-32 M
MEDIUM GENERAL SERVICE (101 kW - 400 kW)**

AVAILABILITY

This rate schedule is available to non-residential Customers with monthly loads of greater than 100 kW and less than or equal to 400 kW.

DESCRIPTION

This rate has three parts: a basic service charge, a demand charge for the highest amount of demand (kW) averaged in a 15-minute period for the month, and an energy charge for the energy (kWh) used during the month. The energy charge will vary by season (summer or winter).

The Company will place the Customer on the applicable Rate Schedule E-32 XS, E-32 S, E-32 M, or E-32 L based on the Customer's average summer monthly maximum demand, as determined by the Company each year. This determination will be made annually.

TIME PERIOD

Summer season: May through October billing cycles
Winter season: November through April billing cycles

CHARGES

The monthly bill will consist of the following charges, plus adjustments:

Bundled Charges

Basic Service Charges (only one applies)		
For service through Self-Contained Meters	\$ 1.189	per day, or
For service through Instrument-Rated Meters	\$ 2.071	per day, or
For service at Primary Voltage	\$ 5.071	per day, or
For service at Transmission Voltage	\$ 37.420	per day

Demand Charges (only one set applies)			
Secondary	First 100 kW	\$ 12.280	per kW
	All additional kW	\$ 7.004	per kW
Primary	First 100 kW	\$ 11.367	per kW
	All additional kW	\$ 6.253	per kW
Transmission	First 100 kW	\$ 9.160	per kW
	All additional kW	\$ 3.886	per kW



**RATE SCHEDULE E-32 M
MEDIUM GENERAL SERVICE (101 kW - 400 kW)**

Energy Charges			
	Summer	Winter	
First 200 kWh per kW	\$ 0.10708	\$ 0.09075	per kWh
All additional kWh	\$ 0.06605	\$ 0.04972	per kWh

Unbundled Components of the Bundled Charges

Bundled Charges consist of the components shown below. These are not additional charges.

Basic Service Charge Components

Customer Accounts Charge	\$ 0.517	per day
Meter Reading	\$ 0.009	per day
Billing	\$ 0.031	per day
Metering* (only one applies)		
Self Contained Meters	\$ 0.632	per day, or
Instrument-Rated Meters	\$ 1.514	per day, or
Primary	\$ 4.514	per day, or
Transmission	\$ 36.863	per day

*These daily metering charges apply to typical installations. Customers requesting specialized facilities are subject to additional metering charges.

Demand Charge Components

Transmission	\$ 2.870	per kW	
Delivery - Secondary	First 100 kW	\$ 9.410	per kW
	All additional kW	\$ 4.134	per kW
Delivery - Primary	First 100 kW	\$ 8.497	per kW
	All additional kW	\$ 3.383	per kW
Delivery - Transmission	First 100 kW	\$ 6.290	per kW
	All additional kW	\$ 1.016	per kW

Energy Charge Components

System Benefit Charge	\$ 0.00331	per kWh
Delivery Charge	\$ 0.01309	per kWh



RATE SCHEDULE E-32 M
MEDIUM GENERAL SERVICE (101 kW - 400 kW)

Generation Charges			
	Summer	Winter	
First 200 kWh per kW	\$ 0.09068	\$ 0.07435	per kWh, plus
All additional kWh	\$ 0.04965	\$ 0.03332	per kWh

The kW used to determine the demand charge as shown above will be based on the average kW supplied during the highest 15-minute period during the month.

ADJUSTMENTS

The bill will include the following adjustments:

1. The Renewable Energy Adjustment Charge, Adjustment Schedule REAC-1.
2. The Power Supply Adjustment charges, Adjustment Schedule PSA-1.
3. The Transmission Cost Adjustment charge, Adjustment Schedule TCA-1.
4. The Environmental Improvement Surcharge, Adjustment Schedule EIS.
5. The Demand Side Management Adjustment charge, Adjustment Schedule DSMAC-1.
6. The Lost Fixed Cost Recovery Adjustment charge, Adjustment Schedule LFCR.
7. Direct Access Customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge, Adjustment Schedule RCDAC-1.
8. Any applicable taxes and governmental fees that are assessed on APS's revenues, prices, sales volume, or generation volume.



RATE SCHEDULE E-32 M
MEDIUM GENERAL SERVICE (101 kW - 400 kW)

RATE RIDERS

Eligible rate riders for this rate schedule are:

PPR	Preference Power
CPP-GS	Critical Peak Pricing
EPR-2	Partial Requirements - Net Billing
EPR-6	Partial Requirements - Net Metering
E-56R	Partial Requirements - Renewable
GPS-1, GPS-2, GPS-3	Green Power
SD-1	Schools Discount
SGSP (frozen)	Schools and Government Solar Program

POWER FACTOR REQUIREMENTS

1. The Customer's load must not deviate from phase balance by more than 10%.
2. Customers receiving service at voltage levels below 69 kV must maintain a power factor of 90% lagging. The power factor cannot be leading unless the Company agrees.
3. Customers receiving service at voltage levels of 69 kV or above must maintain a power factor of $\pm 95\%$.
4. The Company may install certain monitoring equipment to test the Customer's power factor. If the load doesn't meet the requirements the Customer will pay the cost to install and remove the equipment.
5. If the load does not meet the power factor requirements the Customer must resolve the issue. Otherwise, the Customer must pay for any costs incurred by the Company for investments on its system necessary to address the issue. Also, until the problem is remedied, the Company may compute the customer's monthly billing demand with kVA instead of kW.

SERVICE DETAILS

1. APS provides electric service under the Company's Service Schedules. These schedules provide details about how the Company serves its customers, and they have provisions and charges that may affect the customer's bill (for example, service connection charges).



RATE SCHEDULE E-32 M
MEDIUM GENERAL SERVICE (101 kW - 400 kW)

2. Electric service provided will be single-phase, 60 Hertz at the Company's standard voltages available at the Customer site. Three-phase service is required for motors of an individual rated capacity of 7 ½ HP or more.
3. Electric service is supplied at a single point of delivery and measured through a single meter.
4. Direct Access customers who purchase available electric services from a supplier other than APS may take service under this schedule. The bill for these customers will only include the Unbundled Component charges for Customer Accounts, Delivery, System Benefits, and any applicable Adjustments. If metering and billing services are not available from another supplier, those services will be provided by APS and billed to the customer at the charges shown below.



**RATE SCHEDULE E-32 L
LARGE GENERAL SERVICE (401 kW +)**

AVAILABILITY

This rate schedule is available to non-residential Customers with monthly loads of 401 kW and greater that do not qualify for Rate Schedules E-34 or E-35.

DESCRIPTION

This rate has three parts: a basic service charge, a demand charge for the highest amount of demand (kW) averaged in a 15-minute period for the month, and an energy charge for the energy (kWh) used during the month. The energy charge will vary by season (summer or winter).

The Company will place the Customer on the applicable Rate Schedule E-32 XS, E-32 S, E-32 M, or E-32 L based on the Customer's average summer monthly maximum demand, as determined by the Company each year. This determination will be made annually.

TIME PERIOD

Summer season:	May through October billing cycles
Winter season:	November through April billing cycles

CHARGES

The monthly bill will consist of the following charges, plus adjustments:

Bundled Charges

Basic Service Charges (only one applies)		
For service through Self-Contained Meters	\$ 3.115	per day
For service through Instrument-Rated Meters	\$ 3.997	per day
For service at Primary Voltage	\$ 6.997	per day
For service at Transmission Voltage	\$ 39.346	per day

Demand Charges (only one set applies)			
Secondary	First 100 kW	\$ 25.704	per kW
	All additional kW	\$ 17.812	per kW
Primary	First 100 kW	\$ 23.344	per kW
	All additional kW	\$ 16.599	per kW
Transmission	First 100 kW	\$ 17.831	per kW
	All additional kW	\$ 11.866	per kW



**RATE SCHEDULE E-32 L
LARGE GENERAL SERVICE (401 kW +)**

	Summer	Winter	
Energy Charge	\$ 0.05649	\$ 0.03802	per kWh

Unbundled Components of the Bundled Charges

Bundled Charges consist of the components shown below. These are not additional charges.

Basic Service Charge Components

Customer Accounts Charge	\$ 2.443	per day
Meter Reading	\$ 0.009	per day
Billing	\$ 0.031	per day
Metering* (only one applies)		
Self-Contained Meters	\$ 0.632	per day
Instrument-Rated Meters	\$ 1.514	per day
Primary	\$ 4.514	per day
Transmission	\$ 36.863	per day

*These daily metering charges apply to typical installations. Customers requesting specialized facilities are subject to additional metering charges.

Demand Charge Components

Transmission	\$ 2.870	per kW	
Generation	\$ 5.554	per kW	
Delivery - Secondary	First 100 kW	\$ 17.280	per kW
	All additional kW	\$ 9.388	per kW
Delivery - Primary	First 100 kW	\$ 14.920	per kW
	All additional kW	\$ 8.175	per kW
Delivery - Transmission	First 100 kW	\$ 9.407	per kW
	All additional kW	\$ 3.442	per kW

Energy Charge Components

System Benefits	\$ 0.00331	per kWh
Delivery	\$0.00000	per kWh



**RATE SCHEDULE E-32 L
LARGE GENERAL SERVICE (401 kW +)**

	Summer	Winter	
Generation	\$ 0.05318	\$ 0.03471	per kWh

For billing purposes, the kW used in this rate schedule will be the greater of the following:

1. The average kW supplied during the 15-minute period (or other period as specified by an individual customer contract) of maximum use during the month, as determined from readings of the Company's meter or in accordance with the Company's Service Schedule 8.
2. 80% of the highest kW measured during the six (6) summer billing months (May-October) of the twelve (12) months ending with the current month.
3. The minimum kW specified in the agreement for service or individual contract.

The monthly bill for service under this rate schedule will not be less than the Bundled Basic Service Charge plus the Bundled Demand Charge for each kW.

AGGREGATION OPTION

Customers with multiple accounts served under Rate Schedule E-32 L or E-32TOU L that together have a combined load of at least 5 MW are eligible for a discount of \$ (0.00246) per kWh for the unbundled Generation charge in this rate schedule. All other charges of this schedule apply as shown. Customers must execute a contract with the Company specifying eligible accounts prior to receiving this discount. Customer accounts served under Rate Rider PPR, Rate Rider E-56, or Rate Rider E-56R or have on-site generation greater than 100 kW-AC are not eligible for this option.

ADJUSTMENTS

The bill will include the following adjustments:

1. The Renewable Energy Adjustment Charge, Adjustment Schedule REAC-1.
2. The Power Supply Adjustment charges, Adjustment Schedule PSA-1.
3. The Transmission Cost Adjustment charge, Adjustment Schedule TCA-1.
4. The Environmental Improvement Surcharge, Adjustment Schedule EIS.
5. The Demand Side Management Adjustment Charge, Adjustment Schedule DSMAC-1.
6. Direct Access Customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge, Adjustment Schedule RCDAC-1.



7. Any applicable taxes and governmental fees that are assessed on APS's revenues, prices, sales volume, or generation volume.

RATE RIDERS

Eligible rate riders for this rate schedule are:

PPR	Preference Power
CPP-GS	Critical Peak Pricing
EPR-2	Partial Requirements - Net Billing
EPR-6	Partial Requirements - Solar Net Metering
E-56	Partial Requirements Service
E-56R	Partial Requirements - Renewable
GPS-1, GPS-2, GPS-3	Green Power
SD-1	Schools Discount
SGSP (Frozen)	Schools and Government Solar Program

POWER FACTOR REQUIREMENTS

1. The Customer's load must not deviate from phase balance by more than 10%.
2. Customers receiving service at voltage levels below 69 kV must maintain a power factor of 90% lagging. The power factor cannot be leading unless the Company agrees.
3. Customers receiving service at voltage levels of 69 kV or above must maintain a power factor of $\pm 95\%$.
4. The Company may install certain monitoring equipment to test the Customer's power factor. If the load doesn't meet the requirements the Customer will pay the cost to install and remove the equipment.
5. If the load does not meet the power factor requirements the Customer must resolve the issue. Otherwise, the Customer must pay for any costs incurred by the Company for investments on its system necessary to address the issue. Also, until the problem is remedied, the Company may compute the Customer's monthly billing demand with kVA instead of kW.



SERVICE DETAILS

1. APS provides electric service under the Company's Service Schedules. These schedules provide details about how the Company serves its customers, and they have provisions and charges that may affect the Customer's bill (for example, service connection charges).
2. Electric service provided will be single-phase, 60 Hertz at the Company's standard voltages available at the Customer site. Three-phase service is required for motors of an individual rated capacity of 7 ½ HP or more.
3. Electric service is supplied at a single point of delivery and measured through a single meter.
4. Direct Access Customers who purchase available electric services from a supplier other than APS may take service under this schedule. The bill for these Customers will only include the Unbundled Component charges for Customer Accounts, Delivery, System Benefits, and any applicable Adjustments. If metering and billing services are not available from another supplier, those services will be provided by APS and billed to the Customer at the charges shown above.



**RATE SCHEDULE E-32TOU XS
EXTRA SMALL GENERAL SERVICE (0 kW - 20 kW)
TIME OF USE**

AVAILABILITY

This rate schedule is available to non-residential Customers and Customers with secondary services at residential sites that are separately metered such as wells or detached garages. The Customer must have a monthly load of 20 kW or less to be served on this rate schedule.

DESCRIPTION

This rate has three-parts: a basic service charge; a demand charge for the average demand (kW) supplied during the one-hour period of maximum use during the month; and an energy charge for the total energy (kWh) used for the entire month. The demand charge will vary by season and the energy charge will vary by both season (summer or winter) and the time of day that the energy is used (On-Peak or Off-Peak).

The Company will place the Customer on the applicable Rate Schedule E-32 TOU XS, E-32 TOU S, E-32 TOU M, or E-32 TOU L based on the Customer’s average summer monthly maximum demand, as determined by the Company each year. This determination will be made annually.

TIME PERIOD

On-Peak hours:	3:00 pm – 8:00 pm Monday through Friday
Off-Peak hours:	All remaining hours
Summer season:	May through October billing cycles
Winter season:	November through April billing cycles

CHARGES

The monthly bill will consist of the following charges, plus adjustments:

Bundled Charges

Basic Service Charges		
For service through Self-Contained Meters	\$ 1.189	per day
For service through Instrument-Rated Meters	\$ 2.071	per day
For service at Primary Voltage	\$ 5.071	per day



**RATE SCHEDULE E-32TOU XS
EXTRA SMALL GENERAL SERVICE (0 kW - 20 kW)
TIME OF USE**

Demand Charges (only one set applies)			
Secondary	On-Peak kW	\$ 4.648	per kW
	Off-Peak kW	\$ 2.658	per kW
Primary	On-Peak kW	\$ 4.038	per kW
	Off-Peak kW	\$ 1.598	per kW

Energy Charges (only one set applies)				
		Summer	Winter	
Secondary	On-Peak	\$ 0.15238	\$ 0.12175	per kWh
	Off-Peak	\$ 0.11678	\$ 0.09330	per kWh
Primary	On-Peak	\$ 0.15033	\$ 0.11970	per kWh
	Off-Peak	\$ 0.11041	\$ 0.08693	per kWh

Unbundled Components of the Bundled Charges

Bundled Charges consist of the components shown below. These are not additional charges.

Basic Service Charge Components

Customer Accounts Charge	\$ 0.517	per day
Meter Reading	\$ 0.009	per day
Billing	\$ 0.031	per day
Meter* (only one applies)		
Self-Contained Meters	\$ 0.632	per day
Instrument-Rated Meters	\$ 1.514	per day
Primary Meters	\$ 4.514	per day

*These daily metering charges apply to typical installations. Customers requesting specialized facilities are subject to additional metering charges.



**RATE SCHEDULE E-32TOU XS
EXTRA SMALL GENERAL SERVICE (0 kW - 20 kW)
TIME OF USE**

Demand Charge Components

Delivery Components (only one set applies)			
Secondary	On-Peak kW	\$ 1.635	per kW
	Off-Peak kW	\$ 1.111	per kW
Primary	On-Peak kW	\$ 1.025	per kW
	Off-Peak kW	\$ 0.051	per kW

Generation	On-Peak kW	\$ 3.013	per kW
	Off-Peak kW	\$ 1.547	per kW

Energy Charge Components

System Benefits Charge	\$ 0.00331	per kWh
Transmission Charge	\$ 0.00794	per kWh

Delivery Components (only one set applies)			
Secondary	On-Peak	\$ 0.05843	per kWh
	Off-Peak	\$ 0.03712	per kWh
Primary	On-Peak	\$ 0.05638	per kWh
	Off-Peak	\$ 0.03075	per kWh

	Summer	Winter	
Generation On-Peak	\$ 0.08270	\$ 0.05207	per kWh
Generation Off-Peak	\$ 0.06841	\$ 0.04493	per kWh

The kW used to determine the demand charge as shown above will be the Customer's highest one-hour On-Peak and Off-Peak energy used during the billing month.

ADJUSTMENTS

The bill will include the following adjustments:

1. The Renewable Energy Adjustment Charge, Adjustment Schedule REAC-1.



**RATE SCHEDULE E-32TOU XS
EXTRA SMALL GENERAL SERVICE (0 kW - 20 kW)
TIME OF USE**

2. The Power Supply Adjustment charges, Adjustment Schedule PSA-1.
3. The Transmission Cost Adjustment charge, Adjustment Schedule TCA-1.
4. The Environmental Improvement Surcharge, Adjustment Schedule EIS.
5. The Demand Side Management Adjustment Charge, Adjustment Schedule DSMAC-1.
6. The Lost Fixed Cost Recovery adjustment charge, Adjustment Schedule LFCR.
7. Direct Access customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge, Adjustment Schedule RCDAC-1.
8. Any applicable taxes and governmental fees that are assessed on APS's revenues, prices, sales volume, or generation volume.

RATE RIDERS

Eligible rate riders for this rate schedule are:

EPR-2	Partial Requirements - Net Billing
EPR-6	Partial Requirements - Net Metering
E-56R	Partial Requirements - Renewable
SD-1	Schools Discount
GPS-1, GPS-2, GPS-3	Green Power

POWER FACTOR REQUIREMENTS

1. The Customer's load must not deviate from phase balance by more than 10%.
2. Customers receiving service at voltage levels below 69 kV must maintain a power factor of 90% lagging. The power factor cannot be leading unless the Company agrees.
3. Customers receiving service at voltage levels of 69 kV or above must maintain a power factor of $\pm 95\%$.
4. The Company may install certain monitoring equipment to test the Customer's power factor. If the load doesn't meet the requirements the Customer will pay the cost to install and remove the equipment.



RATE SCHEDULE E-32TOU XS
EXTRA SMALL GENERAL SERVICE (0 kW - 20 kW)
TIME OF USE

5. If the load does not meet the power factor requirements the Customer must resolve the issue. Otherwise, the Customer must pay for any costs incurred by the Company for investments on its system necessary to address the issue. Also, until the problem is remedied, the Company may compute the Customer's monthly billing demand with kVA instead of kW.

SERVICE DETAILS

1. APS provides electric service under the Company's Service Schedules. These schedules provide details about how the Company serves its Customers, and they have provisions and charges that may affect the Customer's bill (for example, service connection charges).
2. Electric service provided will be single-phase, 60 Hertz at the Company's standard voltages available at the Customer site. Three-phase service is required for motors of an individual rated capacity of 7 ½ HP or more.
3. Electric service is supplied at a single point of delivery and measured through a single meter.
4. Direct Access Customers who purchase available electric services from a supplier other than APS may take service under this schedule. The bill for these Customers will only include the Unbundled Component charges for Customer Accounts, Delivery, System Benefits, and any applicable Adjustments. If metering and billing services are not available from another supplier, those services will be provided by APS and billed to the Customer at the charges shown above.



**RATE SCHEDULE E-32TOU S
SMALL GENERAL SERVICE (21 kW - 100 kW)
TIME OF USE**

AVAILABILITY

This rate schedule is available to non-residential Customers with a monthly load of 21 kW up to 100 kW.

DESCRIPTION

This rate has three parts: a basic service charge; a demand charge for the average demand (kW) supplied during the 15-minute period of maximum use during the month; and an energy charge for the total energy (kWh) used for the entire month. The energy charge will vary by both season (summer or winter) and the time of day that the energy is used (On-Peak or Off-Peak).

The Company will place the Customer on the applicable Rate Schedule E-32 TOU XS, E-32 TOU S, E-32 TOU M, or E-32 TOU L based on the Customer's average summer monthly maximum demand, as determined by the Company each year. This determination will be made annually.

TIME PERIOD

On-Peak hours:	3:00 pm – 8:00 pm Monday through Friday
Off-Peak hours:	All remaining hours
Summer months:	May through October
Winter months:	November through April

CHARGES

The monthly bill will consist of the following charges, plus adjustments:

Bundled Charges

Basic Service Charge (only one applies)		
For service through Self-Contained Meters	\$ 1.189	per day
For service through Instrument-Rated Meters	\$ 2.071	per day
For service at Primary Voltage	\$ 5.071	per day



**RATE SCHEDULE E-32TOU S
SMALL GENERAL SERVICE (21 kW - 100 kW)
TIME OF USE**

Demand Charges (only one set applies)			
Secondary	First 100 On-Peak kW	\$ 20.384	per kW
	All additional On-Peak kW	\$ 10.387	per kW
	First 100 Off-Peak kW	\$ 8.068	per kW
	All additional Off-Peak kW	\$ 2.775	per kW
Primary	First 100 On-Peak kW	\$ 19.386	per kW
	All additional On-Peak kW	\$ 10.240	per kW
	First 100 Off-Peak kW	\$ 6.816	per kW
	All additional Off-Peak kW	\$ 2.604	per kW

Energy Charges			
	Summer	Winter	
On-Peak	\$ 0.07358	\$ 0.05766	per kWh
Off-Peak	\$ 0.05597	\$ 0.04255	per kWh

Unbundled Components of the Bundled Charges

Bundled Charges consist of the components shown below. These are not additional charges.

Basic Service Charge Components

Customer Accounts Charge	\$ 0.517	per day
Meter Reading	\$ 0.009	per day
Billing	\$ 0.031	per day
Metering* (only one applies)		
Self Contained Meters	\$ 0.632	per day
Instrument-Rated Meters	\$ 1.514	per day
Primary	\$ 4.514	per day

*These daily metering charges apply to typical installations. Customers requesting specialized facilities are subject to additional metering charges.



RATE SCHEDULE E-32TOU S
SMALL GENERAL SERVICE (21 kW - 100 kW)
TIME OF USE

Demand Charge Components

Transmission		\$ 2.870	per kW
Generation - Capacity On-Peak		\$ 4.393	per kW
Generation - Capacity Off-Peak		\$ 1.671	per kW
Delivery - Secondary	First 100 On-Peak kW	\$ 13.121	per kW
	All additional On-Peak kW	\$ 3.124	per kW
	First 100 Off-Peak kW	\$ 6.397	per kW
	All additional Off-Peak kW	\$ 1.104	per kW
Delivery - Primary	First 100 On-Peak kW	\$ 12.123	per kW
	All additional On-Peak kW	\$ 2.977	per kW
	First 100 Off-Peak kW	\$ 5.145	per kW
	All additional Off-Peak kW	\$ 0.933	per kW

Energy Charge Components

System Benefits Charge	\$ 0.00331	per kWh
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	Summer	Winter	
Generation On-Peak	\$ 0.07027	\$ 0.05435	per kWh
Generation Off-Peak	\$ 0.05266	\$ 0.03924	per kWh

The kW used to determine the demand charge as shown will be the Customer's highest 15-minute On-Peak energy used during the billing month.

ADJUSTMENTS

The bill will include the following adjustments:

1. The Renewable Energy Adjustment Charge, Adjustment Schedule REAC-1.
2. The Power Supply Adjustment charges, Adjustment Schedule PSA-1.
3. The Transmission Cost Adjustment charge, Adjustment Schedule TCA-1.
4. The Environmental Improvement Surcharge, Adjustment Schedule EIS.



RATE SCHEDULE E-32TOU S
SMALL GENERAL SERVICE (21 kW - 100 kW)
TIME OF USE

5. The Demand Side Management Adjustment charge, Adjustment Schedule DSMAC-1.
6. The Lost Fixed Cost Recovery Adjustment charge, Adjustment Schedule LFCR.
7. Direct Access Customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge, Adjustment Schedule RCDAC-1.
8. Any applicable taxes and governmental fees that are assessed on APS's revenues, prices, sales volume, or generation volume.

RATE RIDERS

Eligible rate riders for this rate schedule are:

CPP-GS	Critical Peak Pricing
EPR-2	Partial Requirements - Net Billing
EPR-6	Partial Requirements - Net Metering
E-56R	Partial Requirements - Renewable
GPS-1, GPS-2, GPS-3	Green Power
SD-1	Schools Discount
SGSP (Frozen)	Schools and Government Solar Program

POWER FACTOR REQUIREMENTS

1. The Customer's load must not deviate from phase balance by more than 10%.
2. Customers receiving service at voltage levels below 69 kV must maintain a power factor of 90% lagging. The power factor cannot be leading unless the Company agrees.
3. Customers receiving service at voltage levels of 69 kV or above must maintain a power factor of $\pm 95\%$.
4. The Company may install certain monitoring equipment to test the Customer's power factor. If the load doesn't meet the requirements the Customer will pay the cost to install and remove the equipment.



RATE SCHEDULE E-32TOU S
SMALL GENERAL SERVICE (21 kW - 100 kW)
TIME OF USE

5. If the load does not meet the power factor requirements the Customer must resolve the issue. Otherwise, the Customer must pay for any costs incurred by the Company for investments on its system necessary to address the issue. Also, until the problem is remedied, the Company may compute the Customer's monthly billing demand with kVA instead of kW.

SERVICE DETAILS

1. APS provides electric service under the Company's Service Schedules. These schedules provide details about how the Company serves its Customers, and they have provisions and charges that may affect the Customer's bill (for example, service connection charges).
2. Electric service provided will be single-phase, 60 Hertz at the Company's standard voltages available at the Customer site. Three-phase service is required for motors of an individual rated capacity of 7 ½ HP or more.
3. Electric service is supplied at a single point of delivery and measured through a single meter.
4. Direct Access Customers who purchase available electric services from a supplier other than APS may take service under this schedule. The bill for these Customers will only include the Unbundled Component charges for Customer Accounts, Delivery, System Benefits, and any applicable Adjustments. If metering and billing services are not available from another supplier, those services will be provided by APS and billed to the Customer at the charges shown above.



**RATE SCHEDULE E-32TOU M
MEDIUM GENERAL SERVICE (101 kW - 400 kW)
TIME OF USE**

AVAILABILITY

This rate schedule is available to non-residential Customers with monthly loads of 101 kW up to 400 kW.

DESCRIPTION

This rate has three parts: a basic service charge, a demand charge for the highest amount of demand (kW) averaged in a 15-minute period for the month, and an energy charge for the energy (kWh) used during the month. The energy charge will vary by season (summer or winter) and time of day (On-Peak and Off-Peak).

The Company will place the Customer on the applicable Rate Schedule E-32 XS, E-32 S, E-32 M, or E-32 L based on the Customer's average summer monthly maximum demand, as determined by the Company each year. This determination will be made annually.

TIME PERIOD

On-Peak hours:	3:00 pm – 8:00 pm Monday through Friday
Off-Peak hours:	All remaining hours
Summer season:	May through October billing cycles
Winter season:	November through April billing cycles

CHARGES

The monthly bill will consist of the following charges, plus adjustments:

Bundled Charges

Basic Service Charge (only one applies)		
For service through Self-Contained Meters	\$ 1.189	per day
For service through Instrument-Rated Meters	\$ 2.071	per day
For service at Primary Voltage	\$ 5.071	per day
For service at Transmission Voltage	\$ 37.420	per day



**RATE SCHEDULE E-32TOU M
MEDIUM GENERAL SERVICE (101 kW - 400 kW)
TIME OF USE**

Demand Charges (only one set applies)			
Secondary	First 100 On-Peak kW	\$ 18.411	per kW
	All additional On-Peak kW	\$ 11.857	per kW
	First 100 Off-Peak kW	\$ 6.841	per kW
	All additional Off-Peak kW	\$ 3.369	per kW
Primary	First 100 On-Peak kW	\$ 17.757	per kW
	All additional On-Peak kW	\$ 11.758	per kW
	First 100 Off-Peak kW	\$ 6.020	per kW
	All additional Off-Peak kW	\$ 3.256	per kW
Transmission	First 100 On-Peak kW	\$ 16.585	per kW
	All additional On-Peak kW	\$ 11.354	per kW
	First 100 Off-Peak kW	\$ 5.092	per kW
	All additional Off-Peak kW	\$ 3.103	per kW

Energy Charges			
	Summer	Winter	
On-Peak	\$ 0.07298	\$ 0.05898	per kWh
Off-Peak	\$ 0.06068	\$ 0.04669	per kWh

Unbundled Components of the Bundled Charges

Bundled Charges consist of the components shown below. These are not additional charges.

Basic Service Charge Components

Customer Accounts Charge	\$ 0.517	per day
Meter Reading	\$ 0.009	per day
Billing	\$ 0.031	per day



**RATE SCHEDULE E-32TOU M
MEDIUM GENERAL SERVICE (101 kW - 400 kW)
TIME OF USE**

Metering* (only one applies)		
Self Contained Meters	\$ 0.632	per day
Instrument-Rated Meters	\$ 1.514	per day
Primary	\$ 4.514	per day
Transmission	\$ 36.863	per day

*These daily metering charges apply to typical installations. Customers requesting specialized facilities are subject to additional metering charges.

Demand Charge Components

Transmission		\$ 2.870	per kW
Generation On-Peak		\$ 4.959	per kW
Generation Off-Peak		\$ 1.887	per kW
Delivery - Secondary	First 100 On-Peak kW	\$ 10.582	per kW
	All additional On-Peak kW	\$ 4.028	per kW
	First 100 Off-Peak kW	\$ 4.954	per kW
	All additional Off-Peak kW	\$ 1.482	per kW
Delivery - Primary	First 100 On-Peak kW	\$ 9.928	per kW
	All additional On-Peak kW	\$ 3.929	per kW
	First 100 Off-Peak kW	\$ 4.133	per kW
	All additional Off-Peak kW	\$ 1.369	per kW
Delivery - Transmission	First 100 On-Peak kW	\$ 8.756	per kW
	All additional On-Peak kW	\$ 3.525	per kW
	First 100 Off-Peak kW	\$ 3.205	per kW
	All additional Off-Peak kW	\$ 1.216	per kW

Energy Charge Components

System Benefits Charge	\$ 0.00331	per kWh
Delivery Charge	\$ 0.00315	per kWh



**RATE SCHEDULE E-32TOU M
MEDIUM GENERAL SERVICE (101 kW - 400 kW)
TIME OF USE**

	Summer	Winter	
Generation On-Peak	\$ 0.06652	\$ 0.05252	per kWh
Generation Off-Peak	\$ 0.05422	\$ 0.04023	per kWh

The kW used to determine the demand charge as shown above will be based on the average kW supplied during the highest 15-minute period during the month.

ADJUSTMENTS

The bill will include the following adjustments:

1. The Renewable Energy Adjustment Charge, Adjustment Schedule REAC-1.
2. The Power Supply Adjustment charges, Adjustment Schedule PSA-1.
3. The Transmission Cost Adjustment charge, Adjustment Schedule TCA-1.
4. The Environmental Improvement Surcharge, Adjustment Schedule EIS.
5. The Demand Side Management Adjustment Charge, Adjustment Schedule DSMAC-1.
6. The Lost Fixed Cost Recovery Adjustment charge, Adjustment Schedule LFCR.
7. Direct Access Customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge, Adjustment Schedule RCDAC-1.
8. Any applicable taxes and governmental fees that are assessed on APS's revenues, prices, sales volume, or generation volume.



RATE RIDERS

Eligible rate riders for this rate schedule are:

PPR	Preference Power
CPP-GS	Critical Peak Pricing
EPR-2	Partial Requirements - Net Billing
EPR-6	Partial Requirements - Net Metering
E-56R	Partial Requirements - Renewable
GPS-1, GPS-2, GPS-3	Green Power
SD-1	Schools Discount
SGSP (Frozen)	Schools and Government Solar Program

POWER FACTOR REQUIREMENTS

1. The Customer's load must not deviate from phase balance by more than 10%.
2. Customers receiving service at voltage levels below 69 kV must maintain a power factor of 90% lagging. The power factor cannot be leading unless the Company agrees.
3. Customers receiving service at voltage levels of 69 kV or above must maintain a power factor of $\pm 95\%$.
4. The Company may install certain monitoring equipment to test the Customer's power factor. If the load does not meet the requirements the Customer will pay the cost to install and remove the equipment.
5. If the load does not meet the power factor requirements the Customer must resolve the issue. Otherwise, the Customer must pay for any costs incurred by the Company for investments on its system necessary to address the issue. Also, until the problem is remedied, the Company may compute the Customer's monthly billing demand with kVA instead of kW.

SERVICE DETAILS

1. APS provides electric service under the Company's Service Schedules. These schedules provide details about how the Company serves its Customers, and they have provisions and charges that may affect the Customer's bill (for example, service connection charges).



**RATE SCHEDULE E-32TOU M
MEDIUM GENERAL SERVICE (101 kW - 400 kW)
TIME OF USE**

2. Electric service provided will be single-phase, 60 Hertz at the Company's standard voltages available at the Customer site. Three-phase service is required for motors of an individual rated capacity of 7 ½ HP or more.
3. Electric service is supplied at a single point of delivery and measured through a single meter.
4. Direct Access Customers who purchase available electric services from a supplier other than APS may take service under this schedule. The bill for these Customers will only include the Unbundled Component charges for Customer Accounts, Delivery, System Benefits, and any applicable Adjustments. If metering and billing services are not available from another supplier, those services will be provided by APS and billed to the Customer at the charges shown above.



**RATE SCHEDULE E-32TOU L
LARGE GENERAL SERVICE (401 kW +)
TIME OF USE**

AVAILABILITY

This rate schedule is available to non-residential Customers with monthly loads of 401 kW and greater that do not qualify for Rate Schedule E-35.

DESCRIPTION

This rate has three parts: a basic service charge, a demand charge for the highest amount of demand (kW) averaged in a 15-minute period for the month, and an energy charge for the energy (kWh) used during the month. The energy charge will vary by season (summer or winter) and time of day (On-Peak and Off-Peak).

The Company will place the Customer on the applicable Rate Schedule Time-of-Use E-32 XS, E-32 S, E-32 M, or E-32 L based on the Customer's average summer monthly maximum demand, as determined by the Company each year. This determination will be made annually.

TIME PERIOD

On-Peak hours:	3:00 pm – 8:00 pm Monday through Friday
Off-Peak hours:	All remaining hours
Summer season:	May through October billing cycles
Winter season:	November through April billing cycles

CHARGES

The monthly bill will consist of the following charges, plus adjustments:

Bundled Charges

Basic Service Charge (only one applies)		
For service through Self-Contained Meters	\$ 3.115	per day
For service through Instrument-Rated Meters	\$ 3.997	per day
For service at Primary Voltage	\$ 6.997	per day
For service at Transmission Voltage	\$ 39.346	per day



**RATE SCHEDULE E-32TOU L
LARGE GENERAL SERVICE (401 kW +)
TIME OF USE**

Demand Charges (only one set applies)			
Secondary	First 100 On-Peak kW	\$ 17.708	per kW
	All additional On-Peak kW	\$ 11.903	per kW
	First 100 Off-Peak kW	\$ 6.486	per kW
	All additional Off-Peak kW	\$ 3.411	per kW
Primary	First 100 On-Peak kW	\$ 17.126	per kW
	All additional On-Peak kW	\$ 11.816	per kW
	First 100 Off-Peak kW	\$ 5.757	per kW
	All additional Off-Peak kW	\$ 3.311	per kW
Transmission	First 100 On-Peak kW	\$ 16.090	per kW
	All additional On-Peak kW	\$ 10.564	per kW
	First 100 Off-Peak kW	\$ 4.936	per kW
	All additional Off-Peak kW	\$ 3.174	per kW

Energy Charges			
	Summer	Winter	
On-Peak	\$ 0.07147	\$ 0.05667	per kWh
Off-Peak	\$ 0.05846	\$ 0.04366	per kWh

Unbundled Components of the Bundled Charges

Bundled Charges consist of the components shown below. These are not additional charges.

Basic Service Charge Components

Customer Accounts Charge	\$ 2.443	per day
Meter Reading	\$ 0.009	per day
Billing	\$ 0.031	per day



**RATE SCHEDULE E-32TOU L
LARGE GENERAL SERVICE (401 kW +)
TIME OF USE**

Metering* (only one applies)		
Self-Contained Meters	\$ 0.632	per day
Instrument-Rated Meters	\$ 1.514	per day
Primary	\$ 4.514	per day
Transmission	\$ 36.863	per day

*These daily metering charges apply to typical installations. Customers requesting specialized facilities are subject to additional metering charges.

Demand Charge Components

Transmission		\$ 2.870	per kW
Generation On-Peak		\$ 6.040	per kW
Generation Off-Peak		\$ 2.298	per kW
Delivery - Secondary	First 100 On-Peak kW	\$ 8.798	per kW
	All additional On-Peak kW	\$ 2.993	per kW
	First 100 Off-Peak kW	\$ 4.188	per kW
	All additional Off-Peak kW	\$ 1.113	per kW
Delivery - Primary	First 100 On-Peak kW	\$ 8.216	per kW
	All additional On-Peak kW	\$ 2.906	per kW
	First 100 Off-Peak kW	\$ 3.459	per kW
	All additional Off-Peak kW	\$ 1.013	per kW
Delivery - Transmission	First 100 On-Peak kW	\$ 7.180	per kW
	All additional On-Peak kW	\$ 1.654	per kW
	First 100 Off-Peak kW	\$ 2.638	per kW
	All additional Off-Peak kW	\$ 0.876	per kW

Energy Charge Components

System Benefits Charge:	\$ 0.00331	per kWh
Delivery Charge	\$ 0.01227	Per kWh



**RATE SCHEDULE E-32TOU L
LARGE GENERAL SERVICE (401 kW +)
TIME OF USE**

	Summer	Winter	
Generation On-Peak	\$ 0.05589	\$ 0.04109	per kWh
Generation Off-Peak	\$ 0.04288	\$ 0.02808	per kWh

For billing purposes, the On-Peak kW used in this rate schedule will be the greater of the following:

1. The average kW supplied during the 15-minute period of maximum use during the On-Peak period during the billing period, as determined from readings of the Company's meter or in accordance with the Company's Service Schedule 8.
2. 80% of the highest On-Peak kW measured during the six summer billing months (May-October) of the twelve (12) months ending with the current month.
3. The minimum kW specified in the agreement for service or individual contract.

Off-peak kW will be based on the average kW supplied during the 15-minute period of maximum use during the Off-peak hours of the billing period, as determined from readings of the Company's meter.

The monthly bill for service under this rate schedule will not be less than the Bundled Basic Service Charge plus the Bundled Demand Charge for each kW.

AGGREGATION OPTION

Customers with multiple accounts served under Rate Schedule E-32 L or E-32TOU L that together have a combined load of at least 5 MW are eligible for a discount of \$-0.00246 per kWh for the unbundled Generation charge in this rate schedule. All other charges of this schedule apply as shown. Customers must execute a contract with the Company specifying eligible accounts prior to receiving this discount. Customer accounts served under Rate Rider PPR, Rate Rider E-56, or Rate Rider E-56R or have on-site generation greater than 100 kW-AC are not eligible for this option.

ADJUSTMENTS

The bill will include the following adjustments:

1. The Renewable Energy Adjustment Charge, Adjustment Schedule REAC-1.
2. The Power Supply Adjustment charges, Adjustment Schedule PSA-1.



3. The Transmission Cost Adjustment charge, Adjustment Schedule TCA-1.
4. The Environmental Improvement Surcharge, Adjustment Schedule EIS.
5. The Demand Side Management Adjustment Charge, Adjustment Schedule DSMAC-1.
6. Direct Access Customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge, Adjustment Schedule RCDAC-1.
7. Any applicable taxes and governmental fees that are assessed on APS's revenues, prices, sales volume, or generation volume.

RATE RIDERS

Eligible rate riders for this rate schedule are:

PPR	Preference Power
CPP-GS	Critical Peak Pricing
EPR-2	Partial Requirements - Net Billing
EPR-6	Partial Requirements - Solar Net Metering
E-56	Partial Requirements
E-56R	Partial Requirements - Renewable
GPS-1, GPS-2, GPS-3	Green Power
SD-1	Schools Discount
SGSP (Frozen)	Schools and Government Solar Program

POWER FACTOR REQUIREMENTS

1. The Customer's load must not deviate from phase balance by more than 10%.
2. Customers receiving service at voltage levels below 69 kV must maintain a power factor of 90% lagging. The power factor cannot be leading unless the Company agrees.
3. Customers receiving service at voltage levels of 69 kV or above must maintain a power factor of $\pm 95\%$.



RATE SCHEDULE E-32TOU L
LARGE GENERAL SERVICE (401 kW +)
TIME OF USE

4. The Company may install certain monitoring equipment to test the Customer's power factor. If the load doesn't meet the requirements the Customer will pay the cost to install and remove the equipment.
5. If the load does not meet the power factor requirements the Customer must resolve the issue. Otherwise, the Customer must pay for any costs incurred by the Company for investments on its system necessary to address the issue. Also, until the problem is remedied, the Company may compute the Customer's monthly billing demand with kVA instead of kW.

SERVICE DETAILS

1. APS provides electric service under the Company's Service Schedules. These schedules provide details about how the Company serves its Customers, and they have provisions and charges that may affect the Customer's bill (for example, service connection charges).
2. Electric service provided will be single-phase, 60 Hertz at the Company's standard voltages available at the Customer site. Three-phase service is required for motors of an individual rated capacity of 7 ½ HP or more.
3. Electric service is supplied at a single point of delivery and measured through a single meter.
4. Direct Access Customers who purchase available electric services from a supplier other than APS may take service under this schedule. The bill for these Customers will only include the Unbundled Component charges for Customer Accounts, Delivery, System Benefits, and any applicable Adjustments. If metering and billing services are not available from another supplier, those services will be provided by APS and billed to the Customer at the charges shown above.



**RATE SCHEDULE E-34
EXTRA LARGE GENERAL SERVICE**

AVAILABILITY

This rate schedule is available to Customers whose monthly maximum demand registers 3,000 kW or more for 3 consecutive months, over the prior 12 months.

DESCRIPTION

This rate has three parts: a basic service charge, a demand charge for the highest amount of demand (kW) averaged in a 15-minute period of maximum use during the month, and an energy charge for the total energy (kWh) used for the entire month.

CHARGES

The monthly bill will be calculated with the following charges plus adjustments. A Customer's charge will depend on the voltage of their service connection.

Bundled Charges

Customers Served at Secondary Voltage		
Basic Service Charge for Self-Contained Meters	\$ 4.314	per day
Basic Service Charge for Instrument-Rated Meters	\$ 5.196	per day
Demand Charge	\$ 22.082	per kW
Energy Charge	\$ 0.04043	per kWh

Customers Served at Primary Voltage		
Basic Service Charge	\$ 8.196	per day
Demand Charge	\$ 20.767	per kW
Energy Charge	\$ 0.04043	per kWh

Customers Served at Transmission Voltage		
Basic Service Charge	\$ 40.545	per day
Demand Charge	\$ 14.277	per kW
Energy Charge	\$ 0.04043	per kWh



**RATE SCHEDULE E-34
EXTRA LARGE GENERAL SERVICE**

Eligible Military Base Customers		
Basic Service Charge	\$ 8.196	per day
Demand Charge	\$ 15.225	per kW
Energy Charge	\$ 0.04043	per kWh

Unbundled Components of the Bundled Charges

Bundled Charges consist of the Components shown below. These are not additional charges.

Basic Service Charge Components		
Customer Accounts	\$ 3.642	per day
Meter Reading	\$ 0.009	per day
Billing	\$ 0.031	per day
Meter (only one applies)		
Self-Contained Meter	\$ 0.632	per day
Instrument-Rated Meter	\$ 1.514	per day
Primary Meter	\$ 4.514	per day
Transmission Meter	\$ 36.863	per day
Demand Charge Components		
Generation	\$ 10.657	per kW
Transmission	\$ 3.236	per kW
Delivery (only one applies)		
Secondary Service	\$ 8.189	per kW
Primary Service	\$ 6.874	per kW
Transmission Service	\$ 0.384	per kW
Eligible Military Base	\$ 1.332	per kW
Energy Charge Components		
Generation	\$ 0.03712	per kWh
System Benefits	\$ 0.00331	per kWh



**RATE SCHEDULE E-34
EXTRA LARGE GENERAL SERVICE**

The kW for billing will be the greater of:

- a. The average kW supplied during the 15-minute period of maximum use during the monthly billing period; or
- b. 80% of the highest kW measured during the six (6) summer billing months (May-October) of the twelve (12) months ending with the current month.
- c. The minimum kW specified in a service agreement. A time period other than 15 minutes can be specified in a service agreement.

ADJUSTMENTS

The bill will include the following adjustments:

1. The Renewable Energy Adjustment Charge, Adjustment Schedule REAC-1.
2. The Power Supply Adjustment charges, Adjustment Schedule PSA-1.
3. The Transmission Cost Adjustment charge, Adjustment Schedule TCA-1.
4. The Environmental Improvement Surcharge, Adjustment Schedule EIS.
5. Direct Access Customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge, Adjustment Schedule RCDAC-1.
6. The Demand Side Management Adjustment Charge, Adjustment Schedule DSMAC-1.
7. Any applicable taxes and governmental fees that are assessed on APS's revenues, prices, sales volume, or generation volume.



RATE SCHEDULE E-34
EXTRA LARGE GENERAL SERVICE

RATE RIDERS

Eligible rate riders for this rate schedule are:

CPP-GS	Critical Peak Pricing
E-56	Partial requirements - General
E-56R	Partial requirements - Renewable
EPR-2	Partial requirements - Net billing
EPR-6	Partial Requirements - Net Metering
GPS-1, GPS-2, GPS-3	Green Power
IRR	Interruptible program
PPR	Preference power

POWER FACTOR REQUIREMENTS

1. The Customer's load must not deviate from phase balance by more than 10%.
2. Customers receiving service at voltage levels below 69 kV must maintain a power factor of 90% lagging. The power factor cannot be leading unless the Company agrees.
3. Customers receiving service at voltage levels of 69 kV or above must maintain a power factor of $\pm 95\%$.
4. The Company may install certain monitoring equipment to test the Customer's power factor. If the load doesn't meet the requirements the Customer will pay the cost to install and remove the equipment.
5. If the load does not meet the power factor requirements the Customer must resolve the issue. Otherwise, the Customer must pay for any costs incurred by the Company for investments on its system necessary to address the issue. Also, until the problem is remedied, the Company may compute the Customer's monthly billing demand with kVA instead of kW.

SERVICE DETAILS

1. Service under this schedule is generally provided at secondary voltage. When the Customer owns the distribution transformer(s) service is provided at primary voltage.



**RATE SCHEDULE E-34
EXTRA LARGE GENERAL SERVICE**

2. The type of service provided under this schedule will be three-phase, 60 Hertz, at the Company's standard voltages that are available within the vicinity of the Customer site.
3. Daily metering charges apply to typical installations. Customers requiring specialized equipment may incur additional metering charges that reflect the additional cost.
4. Customers that self-provide some of their electrical requirements from on-site generation will be billed according to one of the partial requirement rate riders.
5. Some Customers will have a service agreement that specifies certain provisions of their electric service, such as a contract length, minimum and maximum monthly loads, special charges and other service details. This typically includes Customers taking service at primary or transmission level voltage and those on various special rates and programs.
6. Eligible military base refers to a military base receiving service at a primary voltage and served from a dedicated distribution feeder.
7. APS provides electric service under the Company's Service Schedules. These schedules provide details about how the Company serves its Customers, and they have provisions and charges that may affect the Customer's bill (for example, service connection charges).
8. Electrical service must be supplied at one point of delivery and measured through one meter unless otherwise specified in a service agreement.
9. This schedule is not applicable to breakdown, standby, supplemental, residential, or resale service.
10. Direct Access Customers who purchase available electric services from a supplier other than APS may take service under this schedule. The bill for these Customers will only include the Unbundled Component charges for Customer Accounts, Delivery, System Benefits, and any applicable Adjustments. If metering and billing services are not available from another supplier, those services will be provided by APS and billed to the Customer at the charges shown above.



AVAILABILITY

This rate schedule is available to Customers whose monthly maximum demand registers 3,000 kW or more for 3 consecutive months, over the prior 12 months.

DESCRIPTION

This rate has three parts: a basic service charge, a demand (kW) charge, and an energy charge for the energy (kWh) used for the entire month. Both the demand charge and the energy charge will vary by the time of day that the energy is used (On-Peak or Off-Peak).

TIME PERIODS

On-Peak hours	11:00 a.m. - 9:00 p.m. Monday through Friday
Off-Peak hours	All remaining hours

CHARGES

The monthly bill will be calculated at the following rates or the minimum rates, whichever is greater, plus any adjustments incorporated in this rate schedule:

Bundled Service

Customers Served at Secondary Voltage		
Basic Service Charge for Self-Contained Meters	\$ 4.314	per day
Basic Service Charge for Instrument-Rated Meters	\$ 5.196	per day
Demand Charge On-Peak	\$ 19.347	per kW
Demand Charge Off-Peak	\$ 2.993	per kW
Energy Charge On-Peak	\$ 0.04557	per kWh
Energy Charge Off-Peak	\$ 0.03620	per kWh

Customers Served at Primary Voltage		
Basic Service Charge	\$ 8.196	per day
Demand Charge On-Peak	\$ 18.053	per kW
Demand Charge Off-Peak	\$ 2.863	per kW
Energy Charge On-Peak	\$ 0.04557	per kWh
Energy Charge Off-Peak	\$ 0.03620	Per kWh



Customers Served at Transmission Voltage		
Basic Service Charge	\$ 40.545	per day
Demand Charge On-Peak	\$ 11.362	per kW
Demand Charge Off-Peak	\$ 2.193	per kW
Energy Charge On-Peak	\$ 0.04557	per kWh
Energy Charge Off-Peak	\$ 0.03620	Per kWh

Eligible Military Base Customers		
Basic Service Charge	\$ 8.196	per day
Demand Charge On-Peak	\$ 13.160	per kW
Demand Charge Off-Peak	\$ 2.372	per kW
Energy Charge On-Peak	\$ 0.04557	per kWh
Energy Charge Off-Peak	\$ 0.03620	Per kWh

Unbundled Standard Offer Service

Bundled Charges consists of the Components shown below. These are not additional charges.

Basic Service Charge Components		
Customer Accounts	\$ 3.642	per day
Meter Reading	\$ 0.009	per day
Billing	\$ 0.031	per day
Meter (only one applies)		
Self-Contained Meter	\$ 0.632	per day
Instrument-Rated Meters	\$ 1.514	per day
Primary Meter	\$ 4.514	per day
Transmission Meter	\$ 36.863	per day
Demand Charge Components		
Transmission Charge On-Peak	\$ 3.236	per kW
Generation Charge On-Peak	\$ 7.531	per kW
Generation Charge Off-Peak	\$ 2.135	per kW



Delivery (only one set of charges applies)			
Secondary	On-Peak	\$ 8.580	per kW
	Off-Peak	\$ 0.858	per kW
Primary	On-Peak	\$ 7.286	per kW
	Off-Peak	\$ 0.728	per kW
Transmission	On-Peak	\$ 0.595	per kW
	Off-Peak	\$ 0.058	per kW
Eligible Military Bases	On-Peak	\$ 2.393	per kW
	Off-Peak	\$ 0.237	per kW
Energy Charge Components			
Generation On-Peak		\$ 0.04226	per kWh
Generation Off-Peak		\$ 0.03289	per kWh
System Benefits		\$ 0.00331	per kWh

MINIMUM BILL

The bill will not be less than the Basic Service Charge plus the Demand Charge for the minimum kW specified in the Customer’s service agreement or contract.

For billing kW purposes:

- a. The On-Peak is based on the greater of the following:
 - i. The average kW supplied during the 15-minute period of maximum use during the billing period; or
 - ii. 80% of the highest On-Peak kW measured during May through October of the twelve months ending with the current month.
- b. Off-Peak is based on the average kW supplied during the 15-minute period of maximum use during Off-Peak hours.

ADJUSTMENTS

The bill will include the following adjustments:

1. The Renewable Energy Adjustment Charge, Adjustment Schedule REAC-1.



2. The Power Supply Adjustment charges, Adjustment Schedule PSA-1.
3. The Transmission Cost Adjustment charge, Adjustment Schedule TCA-1.
4. The Environmental Improvement Surcharge, Adjustment Schedule EIS.
5. Direct Access Customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge, Adjustment Schedule RCDAC-1.
6. The Demand Side Management Adjustment Charge, Adjustment Schedule DSMAC-1.
7. Any applicable taxes and governmental fees that are assessed on APS's revenues, prices, sales volume, or generation volume.

RATE RIDERS

Eligible rate riders for this rate schedule are:

CPP-GS	Critical Peak Pricing
E-56R	Partial requirements - Renewable
EPR-2	Partial requirements - Net billing
EPR-6	Partial Requirements - Net Metering
GPS-1, GPS-2, GPS-3	Green Power
IRR	Interruptible program
PPR	Preference power

POWER FACTOR REQUIREMENTS

1. The Customer's load must not deviate from phase balance by more than 10%.
2. Customers receiving service at voltage levels below 69 kV must maintain a power factor of 90% lagging. The power factor cannot be leading unless the Company agrees.
3. Customers receiving service at voltage levels of 69 kV or above must maintain a power factor of $\pm 95\%$.
4. The Company may install certain monitoring equipment to test the Customer's power factor. If the load doesn't meet the requirements the Customer will pay the cost to install and remove the equipment.



5. If the load does not meet the power factor requirements the Customer must resolve the issue. Otherwise, the Customer must pay for any costs incurred by the Company for investments on its system necessary to address the issue. Also, until the problem is remedied, the Company may compute the Customer's monthly billing demand with kVA instead of kW.

SERVICE DETAILS

1. Service under this schedule is generally provided at secondary voltage. When the Customer owns the distribution transformer(s) service is provided at primary voltage.
2. The type of service provided under this schedule will be three-phase, 60 Hertz, at the Company's standard voltages that are available within the vicinity of the Customer site.
3. Daily metering charges apply to typical installations. Customers requiring specialized Equipment may incur additional metering charges that reflect the additional cost.
4. Customers that self-provide some of their electrical requirements from on-site generation will be billed according to one of the partial requirement rate riders.
5. Some Customers will have a service agreement or contract that specifies certain provisions of their electric service, such as a contract length, minimum and maximum monthly loads, special charges, and other service details.
6. Eligible military base refers to a military base receiving service at a primary voltage and served from a dedicated distribution feeder.
7. Electrical service must be supplied at one point of delivery and measured through one meter unless otherwise specified in a service agreement.
8. This schedule is not applicable to breakdown, standby, supplemental, residential or resale service.
9. Direct Access Customers who purchase available electric services from a supplier other than APS may take service under this schedule. The bill for these Customers will only include the Unbundled Component charges for Customer Accounts, Delivery, System Benefits, and any applicable Adjustments. If metering and billing services are not available from another supplier, those services will be provided by APS and billed to the Customer at the charges shown above.
10. APS provides electric service under the Company's Service Schedules. These schedules provide details about how the Company serves its Customers, and they have provisions and charges that may affect the Customer's bill (for example, service connection charges).



**RATE SCHEDULE XHLF
GENERAL SERVICE
EXTRA HIGH LOAD FACTOR**

AVAILABILITY

This rate schedule is available to Customers: (i) whose monthly maximum demand is 5,000 kW or more; (ii) with a load factor of 92% or more for a minimum of nine months of the prior 12 month period; and (iii) where the Customer also seeks the Economic Development and Sustainability features described below, the Customer must also meet a monthly demand of 15,000 kW, and the 50% Carbon Free Activity requirement set out in this rate schedule.

Customers will be required to execute an Electric Supply Agreement (ESA) that specifies certain provisions of their electric service, such as a contract length, minimum and maximum monthly loads, special charges, and other service details, including maintenance.

Customers with monthly demands of 15,000 kW or greater may choose to be served with transmission level service by providing the Company with a contribution in aid of construction (CIAC) in lieu of purchasing transmission level facilities. For new Customers, this will be addressed in their Line Extension Agreement pursuant to Service Schedule 3. The Customer will be required to execute a maintenance contract and share in the cost of replacement facilities. Under this option, the Company may also finance the CIAC at the Company's weighted average cost of capital established in its most recent rate case. This financing period will not exceed 10 years.

50% CARBON FREE ACTIVITY REQUIREMENT AND SUSTAINABILITY FEATURES

In addition to having a monthly demand of at least 15,000 kW and having a load factor of 92%, a Customer within the Company's service territory seeking to manage sustainability goals, must demonstrate that it is carbon free for at least 50% of its energy consumption on an annual basis within APS territory. The 50% requirement can be met through Renewable Energy Credits, Carbon Credits, carbon offsets or demonstrated improvement in Carbon Free Activity, and will be specified in the Customer's ESA with the Company. Carbon Free Activities are load shifting, new load added during carbon free curtailment periods, advancements in electrification, energy storage or electric vehicle charging during carbon free curtailment periods.

The Economic Development and Sustainability features below will be limited to an additional 50 MW of load annually per Customer and will not exceed 500 MW in total Customer load unless there is sufficient long-term market liquidity to do so, as determined by APS in its sole discretion. APS will evaluate long-term market liquidity with Customer's receiving service under this rate schedule at least once per year.

DESCRIPTION

his rate has three parts: a basic service charge, a demand (kW) charge consisting of the average kW supplied during the 15-minute period of maximum use during the billing period, and an energy (kWh) charge for the energy used for the entire month.



**RATE SCHEDULE XHLF
GENERAL SERVICE
EXTRA HIGH LOAD FACTOR**

Monthly load factor will be established using the formula:

$$\text{Monthly Load Factor} = \text{Billed kWh} / (\text{Billed kW} * \text{Billing Days} * 24 \text{ hours})$$

CHARGES

The monthly bill will be calculated at the following rates or the minimum rates, whichever is greater, plus any adjustments incorporated in this rate schedule:

Bundled Service

Customers Served at Secondary Voltage		
Basic Service Charge	\$ 5.196	per day
Demand Charge	\$ 18.098	per kW
Energy Charge	\$ 0.03774	per kWh

Customers Served at Primary Voltage		
Basic Service Charge	\$ 8.196	per day
Demand Charge	\$ 16.743	per kW
Energy Charge	\$ 0.03774	per kWh

Customers Served at Transmission Voltage		
Basic Service Charge	\$ 40.545	per day
Demand Charge	\$ 13.014	per kW
Energy Charge	\$ 0.03774	per kWh

Unbundled Standard Offer Service

Bundled Charges consists of the Components shown below. These are not additional charges.

Basic Service Charge Components		
Customer Accounts	\$ 3.642	per day
Meter Reading	\$ 0.009	per day
Billing	\$ 0.031	per day



**RATE SCHEDULE XHLF
GENERAL SERVICE
EXTRA HIGH LOAD FACTOR**

Meter (only one applies)		
Instrument-Rated Meter	\$ 1.514	per day
Primary Meter	\$ 4.514	per day
Transmission Meter	\$ 36.863	per day
Demand Charge Components		
Transmission Charge	\$ 3.236	per kW
Generation - Capacity	\$ 9.367	per kW
Delivery (only one applies)		
Secondary Service	\$ 5.495	per kW
Primary Service	\$ 4.140	per kW
Transmission Service	\$ 0.411	per kW
Energy Charge Components		
Generation - Fuel	\$ 0.03443	per kWh
System Benefits	\$ 0.00331	per kWh

The kW for billing will be the greater of:

- a. The average kW supplied during the 15-minute period of maximum use during the monthly billing period; or
- b. The minimum kW specified in a service agreement.

MINIMUM BILL

The bill will not be less than the minimum amount specified in the Customer's service agreement or contract.

ECONOMIC DEVELOPMENT AND SUSTAINABILITY

Qualifying Customers will be eligible for one or more of the following additional features:

1. The "Generation - Fuel" and "Power Supply Adjustment Charges" may be replaced with a loss adjusted market proxy index price using the Intercontinental Exchange (ICE) day-ahead on and off-peak prices for the Palo Verde hub, or successor index, plus a non-bypassable fuel cost and administrative fee of \$0.00270 per kWh. In any billing cycle, the combined average of the on and off-peak market proxy index price shall not be less than zero.



**RATE SCHEDULE XHLF
GENERAL SERVICE
EXTRA HIGH LOAD FACTOR**

2. An Economic Development discount, for new load only, not to exceed 35% on the bundled or unbundled "Generation - Capacity" charge referenced above for a period not to exceed six years. Such terms and date for implementation of the discount will be specified in the Customer's ESA with the Company, based on an evaluation of criteria as described in the Company's Service Schedule 9.
3. A "Generation - Capacity" Credit denominated on a dollar per kW basis for providing APS the ability to remove the load from APS's system through a microgrid, battery or otherwise that provides APS sufficient flexible control of the Customer's load on APS's system. The Credit will be based on a resource planning analysis and will be specified in the Customer's ESA with the Company. The sum of the Economic Development discount and Generation Capacity Credit shall not exceed the "Generation - Capacity" charge specified in this Rate Schedule XHLF. To the extent a Customer is otherwise receiving a capacity credit from the Company, the capacity generating this credit is not also eligible for the "Generation - Capacity" credit described herein.
4. If a Customer fails to meet a 92% load factor in a particular billing cycle solely due to load growth within that billing cycle, the billing cycle will not count against the Customer's compliance with the load factor provisions in this Rate Schedule XHLF.
5. If a Customer meets its carbon free demonstration through renewable resources under its ownership or control, the Customer may not schedule energy into the Company's service territory to self supply energy.

ADJUSTMENTS

The bill will include the following adjustments:

1. The Renewable Energy Adjustment Charge, Adjustment Schedule REAC-1, unless the Customer has demonstrated its 50% carbon free commitment described above. Customer loads for Customers who have demonstrated their carbon free commitment will not be included in APS's load for purposes of determining achievement of the Commission's Renewable Energy Standard. This provision will be reviewed if the Commission's Renewable Energy Standards are modified or replaced
2. The Power Supply Adjustment charges, Adjustment Schedule PSA-1, unless the Customer has selected the loss adjusted market proxy index price mechanism.
3. The Transmission Cost Adjustment charge, Adjustment Schedule TCA-1.
4. The Environmental Improvement Surcharge, Adjustment Schedule EIS.



**RATE SCHEDULE XHLF
GENERAL SERVICE
EXTRA HIGH LOAD FACTOR**

5. Direct Access Customers returning to Standard Offer service may be subject to a Returning Customer Direct Access Charge, Adjustment Schedule RCDAC-1. This will be set out in the ESA.
6. The Demand Side Management Adjustment charge, Adjustment Schedule DSMAC-1.
7. Any applicable taxes and governmental fees that are assessed on APS's revenue, prices, sales volume, or generation volume.

RATE RIDERS

Eligible rate riders for this rate schedule are:

GPS-1, GPS-2, GPS-3	Green Power
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Qualifying Customers taking service under the Economic Development and Sustainability provisions of this rate schedule are not eligible for rate riders GPS-1, GPS-2 or GPS-3.

POWER FACTOR REQUIREMENTS

1. The Customer's load must not deviate from phase balance by more than 10%.
2. Customers receiving service at voltage levels below 69 kV must maintain a power factor of 90% lagging. The power factor cannot be leading unless the Company agrees.
3. Customers receiving service at voltage levels of 69 kV or above must maintain a power factor of $\pm 95\%$.
4. The Company may install certain monitoring equipment to test the Customer's power factor. If the load doesn't meet the requirements the Customer will pay the cost to install and remove the equipment.
5. If the load does not meet the power factor requirements the Customer must resolve the issue. Otherwise, the Customer must pay for any costs incurred by the Company for investments on its system necessary to address the issue. Also, until the problem is remedied, the Company may compute the Customer's monthly billing demand with kVA instead of kW.

SERVICE DETAILS

1. The type of service provided under this schedule will be three-phase, 60 Hertz, at the Company's standard voltages that are available within the vicinity of the Customer site.



**RATE SCHEDULE XHLF
GENERAL SERVICE
EXTRA HIGH LOAD FACTOR**

2. Daily metering charges apply to typical installations. Customers requiring specialized Equipment may incur additional metering charges that reflect the additional cost.
3. Customers that self-provide some of their electrical requirements from primary on-site generation will be billed according to one of the partial requirement rate riders.
4. Electrical service must be supplied at one point of delivery and measured through one meter unless otherwise specified in a service agreement.
5. This schedule is not applicable to breakdown, standby, supplemental, residential or resale service.
6. Direct Access Customers who purchase available electric services from a supplier other than APS may take service under this Schedule, but are not eligible for the Economic Development and Sustainability features. The bill for these Customers will only include the Unbundled Component charges for Customer Accounts, Delivery, System Benefits, and any applicable Adjustments. If metering and billing services are not available from another supplier, those services will be provided by the Company and billed to the Customer at the charges shown above.
7. APS provides electric service under the Company's Service Schedules. These schedules provide details about how the Company serves its Customers, and they have provisions and charges that may affect the Customer's bill (for example, service connection charges).