

# Proposed Adjustments to SRP's Standard Electric Price Plans Effective with the May 2019 Billing Cycle

## Salt River Project Agricultural Improvement and Power District

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*Revenues are reinvested back into the electric grid for the benefit of all customers.*

*Price levels would be the lowest in the region after this adjustment.*

## Introduction

Background: Salt River Project Agricultural Improvement and Power District (SRP), one of the nation's largest public power utilities, is an integrated utility, providing generation, transmission and distribution services, as well as metering and billing services. SRP provides electricity to approximately 1 million retail customers in a 2,900-square-mile service area that spans three Arizona counties, including most of the Phoenix metropolitan area. Additionally, the Salt River Valley Water Users' Association (the "Association") is one of the largest raw-water suppliers in Arizona. SRP manages a 13,000-square-mile watershed that includes an extensive system of reservoirs, wells, canals and irrigation laterals.

In establishing prices for retail electric customers, SRP seeks a stable revenue stream from retail sales that sufficiently covers anticipated operating expenses (including interest expense and water support) and provides a level of funding for additional investments in resources that deliver safe and reliable power to all customers. Consistent with long-established pricing principles, SRP takes into consideration the cost to provide electricity, the impact of price increases on customers, and SRP's financial health. Prudent management of operating costs and resources has allowed SRP to keep base prices stable for more than four years, while passing along fuel cost savings through temporary decreases in the Fuel and Purchased Power Adjustment Mechanism (FPPAM).

Proposed Price Decrease: In 2018, SRP's Board of Directors ("the Board") approved two temporary FPPAM decreases: an \$18.8 million decrease that was effective for the May through October 2018 billing cycles, and a \$24.2 million decrease effective for the November 2018 through April 2019 billing cycles. Taken together, these temporary decreases are equivalent to an overall annual 1.5 percent system average decrease in bills.

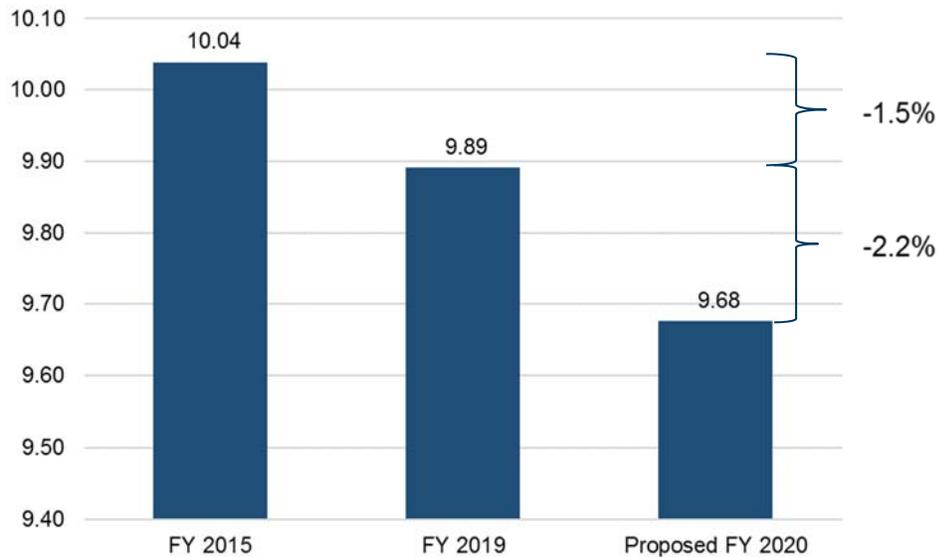
SRP management ("Management") is proposing to the Board an overall 2.2 percent net price decrease effective with the May 2019 billing cycle (the beginning of SRP's Fiscal Year 2020). The proposal incorporates and adds to the above-referenced overall annual 1.5 percent decrease that SRP initially implemented on a temporary basis for Fiscal Year 2019 (May 2018 through April 2019). SRP's Fiscal Year begins in May and ends in April of the year noted.

As seen in Figure 1, on an overall average basis, the proposed prices for Fiscal Year 2020 will be 3.7 percent lower than the prices approved by the Board during the last price process in Fiscal Year 2015 and 2.2 percent lower than the prices in effect in Fiscal Year 2019.

*Adjustments are needed to reduce prices to reflect lower fuel costs, keep up with economic growth/reliability, and to support the transition to sustainable resources and new technologies.*

*Proposal will also modify the FPPAM to include renewable purchased power agreements previously included in the EPCAF.*

Figure 1: Average Cents per kWh, Current and Proposed



For the remainder of this document, comparisons of prices and bills with and without the proposed changes are made to prices charged, and bills issued, to customers in Fiscal Year 2019, which include the previously approved temporary decrease of 1.5 percent.

The proposed adjustments are needed to:

**Account for lower fuel costs.** SRP has been able to keep prices stable for the last four years. Prudent resource management, strategic resource acquisitions and favorable market conditions have allowed SRP to generate a greater share of energy using lower cost natural gas.

**Keep up with economic growth and maintain reliability.** Arizona’s growing economy and customer demand for electricity have created the need for ongoing investment in new resources and upgrades to aging infrastructure.

**Reflect the transition to sustainable resources and new technologies.** Renewable resources, such as solar, are an integral part of SRP’s resource plans and will reduce the dependence on carbon intensive resources. This proposal takes into account the need to maintain flexibility as SRP increasingly integrates these resources and pursues emerging technologies such as batteries and advanced control systems. Additionally, Management is proposing to modify the FPPAM to include renewable resource purchase agreement expenses previously recovered in the Environmental Programs Cost Adjustment Factor (EPCAF).

## Current Environment

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### Customer and Load Growth

The Greater Phoenix area economy is growing at a strong pace, albeit at a slower growth rate than the early and mid-2000's. Population growth averaged 1.8 percent from Fiscal Year 2015 to Fiscal Year 2018. The number of recent residential building permits issued also reflects a growth trend. More than 31,000 permits were issued in Fiscal Year 2018, which is an increase of 4.3 percent over the previous year.

Historically, SRP customer growth has followed population and housing growth. SRP has added customers at an average annual rate of 1.4 percent since Fiscal Year 2015, raising the total customer count to 1,041,252 by the end of Fiscal Year 2018. With more customers, SRP's retail peak load reached a new all-time high of 7,305 megawatts (MW) on July 25, 2018.

Average annual energy consumption by SRP residential customers was 13,988 kilowatt-hours (kWh) in Fiscal Year 2018, an increase of 1.2 percent from Fiscal Year 2015. Warmer winter temperatures and increased energy conservation are dampening the growth in per customer usage.

SRP's latest sales forecast, completed in October 2018, anticipates continued economic growth slightly below the long-term average. The forecast projects annual customer growth near 1.7 percent on average in the three years beginning in Fiscal Year 2020. The current forecast also predicts total customer accounts reaching 1.1 million during Fiscal Year 2022.

The forecast shows an increase in retail energy sales for Fiscal Year 2020 followed by even stronger growth in Fiscal Year 2021, reaching a total of approximately 30 million megawatt-hours (MWh). Stronger large-customer sales are driving overall forecasted energy growth. The forecast for commercial and small industrial classes (also referred to in these materials as general service and large general service, respectively) also shows an increase of 0.4 percent for Fiscal Year 2020.

Continued population and employment growth and the addition of large commercial accounts is allowing for continued energy sales growth. SRP also expects energy sales to mining customers to remain largely unchanged.

**2035****Sustainability****Goals:***Reduce Carbon Footprint**Ensure Water Resiliency**Modernize the Electric Grid**Promote a Sustainable Supply Chain, Reduce Waste**Engage with Communities***Decision to Exit Navajo Generating Station**

In February 2017, after it became clear that current and forecasted low natural gas prices had made continued operation at the plant uneconomical, the utility owners of Navajo Generating Station made the difficult decision to end coal combustion and electrical generation at the plant when the current lease expires in 2019. Although challenging, this decision removes large financial and operational obligations and will ultimately and substantially reduce carbon emission intensity. The participants in Navajo Generating Station are SRP (the plant's operator); the United States; Arizona Public Service Co.; Tucson Electric Power Co.; and NV Energy.

**2035 Sustainability Goals**

In October 2017, the Board approved "SRP 2035", a comprehensive set of sustainability goals that addresses SRP's business activities in five priority areas: carbon emissions reductions, water resiliency, supply chain and waste reduction, grid modernization, and customer and employee engagement and community involvement. Recognizing responsibilities to future generations, the commitment to sustainability at SRP means:

- Strengthening ongoing stewardship of natural resources
- Proactively addressing customers' and communities' priorities
- Maintaining a strong commitment to fiscal responsibility, while responding to a rapidly changing industry

The goals identified within the SRP 2035 framework build upon existing plans and practices, introduce new areas of focus, and position SRP to meet changing customer and stakeholder expectations about what it means to be a sustainable utility. SRP will actively pursue these meaningful goals and transparently report progress in achieving them. SRP 2035 will make SRP better at what it already does and will enhance the focus on the environmental, economic, and social well-being of the customers and the communities it serves.

The SRP 2035 goals fall into five pillars:

Reduce Carbon Footprint – SRP will, over time, steadily and meaningfully decrease carbon emissions intensity from generation resources, operations, transportation, and through other initiatives. First, SRP will work toward a cleaner energy mix, which includes reducing coal generation and increasing the use of renewable energy. SRP will also implement ambitious

energy efficiency measures that include upgrading lighting, heating and cooling systems, and retrofitting or building new facilities to achieve at least Leadership in Energy and Environmental Design (LEED) Gold ratings. Finally, the size of SRP's transportation fleet will be reduced and converted from gasoline to hybrid and/or electric vehicles.

Ensure Water Resiliency – Through ongoing water management, conservation efforts and by exploring new water resources, SRP will continue to maintain a safe, reliable and resilient water supply. This will be accomplished by reducing water use at all facilities by 45 percent, deploying new technology, diligently maintaining canals to ensure water lost from canal deliveries does not exceed 5 percent on a 10-year rolling average, and offsetting the use of groundwater at Phoenix-area power plants. To address water resiliency in SRP's service territories, underground water storage will be increased by 1 million acre-feet, and SRP will use its expertise to help cities add 25,000 acre-feet per year of renewable water supplies to meet their growing needs.

Modernize the Energy Grid - SRP will continue to ensure the reliability, flexibility and security of the grid through the use of innovative applications, optimization of existing resources, and employment of robust monitoring and analytics. SRP will help customers take advantage of advanced technologies and energy solutions by better enabling smart homes and businesses to incorporate private energy resources like rooftop solar, electric vehicles, demand response and energy efficiency options, and other evolving technologies. SRP is also completing installation of the next generation of advanced meters and enhanced communication infrastructure, developing new ways for customers to more effectively control their energy usage and costs, and employing data analytics to improve the customer experience.

Promote a Sustainable Supply Chain, Reduce Waste – SRP will manage product choices and purchasing strategies to encourage sustainable best practices. SRP has been recognized for efforts in recycling, reuse and repurposing operational waste materials to keep them out of landfills. Those efforts will continue by expanding recycling at all facilities, implementing composting at office buildings, finding new applications for historically hard-to-recycle materials, and educating employees on waste reduction, recycling and composting. Additionally, SRP will work with industry partners to develop sustainability criteria for its suppliers.

Engaging with Communities - SRP is committed to building a sustainable future for all, leading by example, and enhancing the communities it serves by connecting values of its customers and employees to its business practices each day. SRP is working to evolve and expand both

the awareness and involvement of employees and the community in sustainability initiatives and is measuring and reporting, on an annual basis, progress towards achieving 2035 goals. Specific goals related to these five pillars can be found on SRP's website at [srpnet.com](http://srpnet.com).

Management recently initiated a new comprehensive stakeholder engagement process on the 2035 sustainability goals. In this multi-phase process, stakeholders will be invited to propose refinements to the existing goals or new sustainability goals for the Board's consideration prior to the preparation of the first five year goal implementation. This process will consist of outreach, education, a public comment period, and Board engagement and decision. The Board will consider any options for revising SRP 2035 in the spring of 2019.

## Integrated Resource Plan

The most recent Integrated Resource Plan (IRP), approved by the Board and published in February of 2018, details a series of robust strategic conclusions to guide future planning decisions that ensure SRP's resources continue to meet peak demand and provide low-cost, reliable and sustainable energy in an uncertain future.

A major component of the IRP development process included engagement with stakeholders representing a broad range of issues, concerns and aspirations. The purpose of engaging stakeholders was to ensure that strategy development efforts adequately considered stakeholder input early in the process and that success is measured through the eyes of the customer. Portfolios and metrics were designed and modeled from stakeholder input on baseline scenarios, and the results were presented to participants for further input.

Throughout 2017, SRP hosted three engagement events with the 13-member Stakeholder Initiatives Advisory Panel (SIAP) established during the 2014 IRP development process. For the most recent IRP, SRP sought input from a broader, more diverse committee of 50-60 participants including environmental and water policy stakeholders, energy efficiency stakeholders and representatives of the solar industry and Native American interests. Additionally, there were advocates for SRP's customers such as large industrial, commercial and residential, as well as low income groups and Native American interests. These participants were invited to comment and ask questions on the planning materials shared in a series of four meetings held from January through October 2017. Throughout the process, members of the Board and SRP Council were personally involved in the discussions at engagement events with the SIAP and the broader committee.

As a result of feedback from these workshop participants and the Board, SRP determined a strategic direction that outlined planning principles that were expected to perform well in a range of possible futures. The Board-approved strategic direction captured, among other conclusions, that a continued reliance on coal-fired resources posed significant uncertainty. For example, potential carbon regulation leading to higher costs and potential plant closures would not allow for a smooth resource transition. It also created operating limitations as more renewable resources are integrated onto the system. Specifically, additional renewables require more flexible complimentary resources to help with ramping and peak needs, flexibility that coal resources do not provide.

To implement this strategic direction, the following actions are being considered:

- Proactively seek further opportunities to exit coal plant ownership over the next 15 years, which may affect depreciation timelines
- Seek low cost replacement capacity opportunities
- Work with communities and employees well in advance of coal plant closures to assist in the development of an overall transition plan
- Consider the adoption of carbon constrained resource dispatch that keeps coal plants available during critical times, while recognizing that certain minimum capacity factors are required for the economic viability of coal resources.

#### **All-Source Request for Proposals (RFP)**

Another strategic conclusion from the 2017 IRP was that SRP would issue an RFP for needed capacity prior to making any financial commitments for new self-build generation. SRP has therefore issued a competitive solicitation seeking proposals for new sources of peaking capacity to meet up to 650 MW of customer demand. SRP will only consider resources that can satisfy at least 50 MW of peak summer demand. SRP will evaluate proposals for electricity generated by eligible resources, including but not limited to, renewable energy + storage, grid charged energy storage, demand response, existing natural gas combined cycle, new or existing natural gas simple cycle combustion turbines, and reciprocating engines. The maximum demand response capacity that SRP will procure through this RFP is 100 MW.

## Key Investment Decisions

SRP, like all electric utilities, operates in a capital intensive industry that requires maintaining generation, transmission and distribution systems plus expanding the system as necessary to support system growth and reliability. As a result, SRP must make significant investments in generating resources and transmission and distribution systems to provide safe, reliable and reasonably priced energy to homes and businesses. From May 2015 through April 2018, SRP made approximately \$2.0 billion in capital investments. Major projects included the completion of the emissions controls at Four Corners and Craig Generating Stations, the purchase of power blocks at Gila River Power Station to serve retail customers, continued expansion of the transmission and distribution system, new customer meters, and needed investments in facilities, security and information technology assets.

Since May 2015, SRP has engaged in a number of key asset decisions which have resulted in lower costs. In May 2017, SRP purchased Power Block 4 (a 550 MW natural gas-fired generating unit) of Gila River Power Station, located near Gila Bend, for \$100 million. This purchase supports SRP's strategy of maintaining robust and diverse generation assets while also pursuing opportunities to meet customer needs, both now and in the future.

SRP purchased two additional 550-megawatt natural gas power blocks, Blocks 1 and 2, at Gila River Power Station in May 2018. The purchase of Block 1, combined with Block 4, will help SRP economically meet system needs and defer planned capital expenditures associated with the construction of new generating assets that come at a higher cost. The new natural gas generation further enables SRP to integrate variable, renewable resources into its portfolio and will assist in the transition from exiting Navajo Generating Station. SRP entered into a purchase power agreement under which SRP sells the power from Block 2 to Tucson Electric Power (TEP). That agreement includes an option for TEP to purchase Block 2.

These investments, which take advantage of lower fuel costs, have enabled SRP to provide customers with power at a lower overall fuel cost, which contributes to the fuel price decrease outlined in the proposal.

*SRP will have 1,200 MW of solar energy by 2025, a 20 MW solar/10 MW battery storage power plant in Pinal County, and 25 MW and 10 MW battery storage facilities in development in the Phoenix metropolitan area.*

### **Projects and Infrastructure to Support Economic Growth**

After the recent recession, SRP saw a period of very slow growth but in recent years, growth in the Valley has started to rebound. Although growth is at a slower pace than in the prior decade, SRP must continue to make investments in generation, transmission, and distribution systems.

Since 2016, SRP has invested over \$920 million in support of transmission and distribution (T&D) systems. Of that, approximately \$470 million was spent on substation additions, equipment upgrades, and general system expansion to support growth and new customers. These capital expenditures support new infrastructure for residential, commercial, and industrial customer expansions.

From a transmission perspective, two notable system additions are needed to support growth. The Price Road Corridor in Chandler is currently in the preconstruction phase and will support growth in high tech jobs within that area. The Southeast Power Link in southeast Mesa and northern Queen Creek has just received siting approval and will enhance reliability for current and future customers while supporting the area's growing economy.

### **Reliability, Safety and Aging Infrastructure**

SRP customers expect reliable and safe delivery of power. To that end, SRP must maintain and replace aging critical infrastructure. In most cases, due to inflation, the infrastructure must be replaced at a higher cost than the original installed cost.

Since May 2015 approximately \$450 million has been spent on maintenance improvements and replacements of transmission and distribution equipment. As SRP's T&D system ages, two ongoing areas of focus are the wood pole replacement project and the underground cable replacement project.

SRP's generating assets also require maintenance and improvements. From May 2015 to April 2018, about \$100 million was spent on emission controls at Four Corners Generating Station (\$60 million) and Craig Generating Station (\$37 million). This spending was driven by regulatory requirements to install Selective Catalytic Reduction (SCR) systems.

SRP has spent about \$130 million on new customer metering systems since May 2015. These include meters for the Next Generation Prepay Project, as well as meter replacements for end-of-life and current prepay meters, to improve customer functionality and security, and to reduce operational costs for meter exchanges.

Finally, expenditures on SRP's physical facilities, transportation assets, and information technology systems have been made to enhance security and to maintain reliability.

### **Commitments and Investments Supporting the Transition to Sustainable Resources**

Today, given the growing risks associated with the changing climate, SRP will significantly and steadily reduce greenhouse gas (GHG) emissions, while maintaining a sustainable, reliable and affordable supply of power and water. As a community leader, SRP is committed to helping our customers achieve their clean energy goals and reduce the risks of climate change on Arizona communities and our region.

In December 2015, SRP executed a short-term agreement with Navajo Tribal Utility Authority (NTUA) under which SRP purchased the renewable attributes associated with the energy produced at the Kayenta Solar Facility, a 27 MW solar facility constructed on the Navajo Nation that began commercial operation in May 2017, or other qualified facilities located on Navajo Nation land. SRP has since entered into a 30-year agreement to purchase the renewable attributes associated with an additional 27 MW solar facility (Kayenta II) to be located adjacent to the Kayenta Solar Facility. Kayenta II is expected to begin commercial operation in June 2019. SRP has agreed to extend its agreement relating to the Kayenta Solar Facility for an additional year upon the successful commencement of Kayenta II. Furthermore, SRP and NTUA have committed to working together to develop further renewable projects on the Navajo Nation.

Other investments in sustainable resources include the following:

- In September 2016, SRP entered into a 25-year agreement with Apple to purchase all of the output associated with the 52 MW Bonnybrooke Solar Facility, which is owned and operated by Apple and began commercial operation in January 2017. Apple retains the renewable energy attributes in order to meet the energy needs of its Mesa data center with renewable energy.
- SRP entered into a 20-year agreement, in April 2017, with a subsidiary of NextEra Energy Resources to purchase the energy and renewable attributes associated with the Pinal Central Energy Center, which is a 20 MW solar and 10 MW/4-hour integrated battery storage project. The project began commercial operation in April 2018.

- SRP entered into a 20-year agreement with a subsidiary of the AES Corporation to toll a new 10 MW/4-hour battery storage project that would be charged from the grid. The project is expected to begin commercial operation in January 2019.
- SRP has agreed to purchase a 25-MW/4-hour battery energy storage system from Tesla to be installed at the Agua Fria Substation. The battery storage project will be charged from the grid and is planned to begin commercial operations in May 2021.

SRP has also recently signed agreements (counterparties not publically announced) to purchase the output and renewable attributes from two new 100 MW solar projects (totaling 200 MW) which are planned to be utilized for a Sustainable Energy Offering to a group of SRP's largest commercial and industrial customers. SRP will dedicate these facilities exclusively to customers participating in the offering to help them meet their renewable energy goals, and the renewable energy credits will be transferred to the customers from SRP or retired on their behalf. Both of these projects are expected to begin commercial operation by the end of 2020.

Finally, SRP plans to add 1,000 MW of new utility-scale solar energy (inclusive of the 200 MW mentioned above) to its system by the end of April 2025. The proposal represents a growing commitment to sustainability that is both reliable and affordable. By the end of Fiscal Year 2025, SRP intends to have a total of more than 1,200 MW of solar energy capacity and will be looking to install additional battery capacity to complement the solar energy.

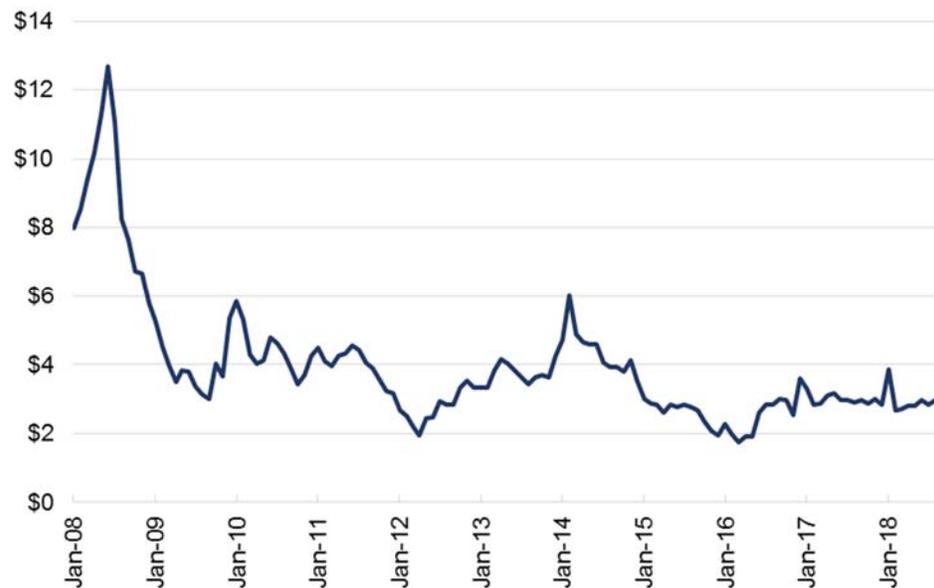
From a capital expenditure perspective, SRP has invested \$6.2 million since 2015 on the Advanced Inverter Project (AIP), with the completed installation of 674 inverters. The AIP was designed to study advanced inverter capabilities and system impacts in locations with high penetration of solar photovoltaics arrays. SRP has been collaborating with the Electric Power Research Institute, Inc. (EPRI) to collect data that will inform requirements for future Distributed Energy Resources interconnections. Additionally, SRP has invested \$11.5 million on the Field Area Network (FAN) Deployment. This project creates an outdoor broadband network which supports reliability and the future integration of distributed or customer-owned devices.

#### **Fuel and Purchased Power Drivers**

Fuel and purchased power is the single largest expense for SRP, with natural gas comprising a significant portion. As reflected in Figure 2, natural gas prices have fallen since their 2008 peak, driven primarily by advancements in the drilling process that have led to record U.S. gas

production. In early 2016, prices reached their lowest point in the previous 20 years. Since then, however, natural gas prices have stabilized and have averaged approximately \$3.00/mmBtu over the last two years. Natural gas prices are expected to stay at relatively low levels for some time.

Figure 2: Henry Hub Natural Gas Prices in \$/mmBtu, NYMEX Daily Price



Over the past four years, SRP has temporarily decreased the FPPAM price component in response to lower natural gas costs, a primary fuel in power plants. Most recently, the Board approved two temporary FPPAM decreases: an \$18.8 million decrease that was effective for the May through October 2018 billing cycles, and a \$24.2 million decrease effective for the November 2018 through April 2019 billing cycles. This represented an average 1.5 percent annual decrease to overall customer bills.

SRP has changed its overall resource mix to add more natural gas generation, including, as noted earlier, the recently purchased power blocks at Gila River Power Station. One of the benefits of this strategic decision was being able to take advantage of the current low-cost natural gas environment.

Additionally, higher-priced coal resources have been curtailed to accommodate the increased use of gas resources to meet SRP's retail needs. Coal commodity pricing has stabilized amidst increased competition from the gas industry.

SRP also has reduced coal commitments both on a volume and price basis. Most recently, coal contracts associated with Coronado Generating Station, Springerville Generating Station (Unit 4), and Hayden Generating Station have realized lower pricing through a competitive bid solicitation process. Furthermore, in 2018, the owners of Four Corners Generating Station reached a settlement with the coal mining entity associated with the facility that resulted in a lower minimum annual coal volume requirement and reduced pricing.

SRP has additionally worked to keep nuclear fuel costs low. SRP participates on the Nuclear Fuel Task Force (NFTF) along with other owners of Palo Verde Generating Station. The NFTF develops strategic procurement plans to reduce costs of nuclear fuel by contracting for the four steps in the fuel procurement process (uranium, conversion, enrichment, fabrication). A surplus of the global nuclear fuel supply has resulted in lower than budgeted pricing as realized in the most recent contracts negotiated by the NFTF.

The owners of Palo Verde Generating Station have entered into contracts to transition to a new fuel design called Next Generation Fuel that improves the fuel's efficiency and reliability while also increasing its service life. This provides better economic performance and greater operational flexibility in the fuel cycle.

### **Efficient Operation of SRP's System**

Every day, SRP works to minimize operating costs in order to serve retail load. In order to accomplish this, SRP evaluates the pricing of generating assets and compares them against the regional energy market. When market prices are lower than resource costs, SRP procures energy and reduces load on its own units when possible. When low market prices are sustained, SRP looks for opportunities to idle generation resources that have less operational flexibility (such as coal). SRP has made specific decisions to shutdown coal resources when market conditions, generating resource availability, and fuel contracts allow for this to be done economically without risking reliable operations of the grid. Additionally, shutdowns result in environmental benefits as there are significant reductions in greenhouse gases (GHG), nitrous oxides (NOx) and sulfur dioxide (SO<sub>2</sub>) emissions when the plants are offline. Since 2016, SRP has planned for and taken several temporary economic unit shutdowns that resulted in lower overall retail costs. These occurred at Springerville Generating Station Unit 4 (SGS4) in May 2016 and April/May 2017, and at Coronado Generating Station (CGS) Unit 1 in April/May 2018. These economic shutdowns are in addition to the unit 1 shutdown required by the EPA/SRP regional haze solution for CGS. The next planned occurrence is for April/May 2019. These actions have resulted in estimated savings of over \$9 million.

For more than 20 years, SRP's Supply and Trading group, in coordination with the Transmission and Generation Operations group, has worked to create daily generation plans that optimize load service reliability with energy production costs. In November 2018, SRP deployed a new resource optimization tool that will allow SRP to optimize system operations costs in more discrete timelines while incorporating detailed unit operating parameters, as part of SRP's efforts to join the Western Energy Imbalance Market. When the legacy systems are fully deployed, SRP will be operating its resources and system using state-of-the-art technology to minimize cost to reliably serve within the system.

As part of SRP's commitment to meet retail load reliably, resource needs are planned around the expected highest generation requirements on the highest day of the year. During most other days of the year, SRP attempts to maximize the value of assets by selling as much excess energy into the regional bilateral and organized markets as price and demand will allow. These wholesale sales opportunities ensure that customers are receiving value from SRP's generating assets at any time of year.

## Base Increase Drivers

Price plan adjustments are needed to keep pace with SRP's costs associated with meeting economic growth, to maintain reliability, and to support the transition to sustainable resources and new technologies. SRP has taken steps to control operating costs and effectively manage the expansion of assets and services, but increases in depreciation expense and payments in lieu of taxes drive the need for price plan adjustments.

Management's proposal is based on a Fiscal Year 2020 Test Year (May 1, 2019 to April 30, 2020). SRP's last price adjustment, effective with the April 2015 billing cycle, was based on the Fiscal Year 2016 Test Year (May 1, 2015 to April 30, 2016).

### Additional Depreciation and Payments in Lieu of Taxes

Capital expenditures necessary to keep up with growth and meet long-term objectives result in increased depreciation expense and higher payments in lieu of property taxes. Since the Fiscal Year 2016 Test Year, depreciation expense has increased by \$157 million due to strategic resource acquisitions, actions taken to support the transition to sustainable resources, and investments to support customer growth, reliability, and regulatory compliance. On an annual basis, payments in lieu of property taxes have increased by approximately \$10 million due to the increase in valuations and changes in property tax rates.

### Depreciation Due to Capital Expenditures

As mentioned earlier, since May 2015, SRP has invested approximately \$2.0 billion in plant additions and improvements which has resulted in an increase in depreciation expense. Major increases in depreciation expense include:

- Strategic resource acquisitions - \$13 million depreciation expense increase as a result of the purchase of Gila River Power Station Power Blocks 1 and 4.
- Customer growth – \$12 million depreciation expense increase due to investments in transmission facilities and new meters.
- Reliability – \$44 million depreciation expense increase, which includes investments in generating plants, distribution facilities, and corporate workplace and technology assets.
- Regulatory compliance - \$38 million depreciation expense increase, which includes emissions controls at Four Corners Generating Station and Craig Generating Station.

### **Depreciation Due to Coal Generation Assets**

In March 2017, the Board approved a series of actions to address the uncertainty around the regulatory life of SRP's coal facilities and to transition to a more sustainable resource portfolio. The depreciable life of Springerville 4 and Coronado Generating Stations were shortened to 2030 and 2025, respectively, in order to facilitate a path toward a less carbon-intensive resource mix that will include more renewables supported by natural gas generating facilities. Shortening the expected useful lives of the generating units' results in an increase in the annual depreciation expense for those generating units of approximately \$50 million per year. This change to depreciation expense was approved as part of the Fiscal Year 2018 Operating Budget and has been reflected in depreciation expense since May 2017. SRP's remaining coal assets, including Hayden, Craig and Four Corners Generating Stations, currently have depreciable lives ending no later than 2025.

Following this decision, in November of 2017, as part of the 2017 Series A Bond Sale transaction, SRP accelerated the retirement of debt associated with its coal-fired resources to better align the outstanding debt with the decreasing book value of the assets. Action was taken to transfer \$25 million in funds from SRP's General Fund to an escrow account to provide for calling those bonds at their earliest call date on January 1, 2019. Similarly, action was taken in Fiscal Year 2019 to defease just over \$9 million of outstanding bonds associated with the soon to be retired Navajo Generating Station with funds from SRP's General Fund. These actions have put increased demands on SRP's available cash.

### **Payments In Lieu of Property Taxes**

As a political subdivision of the State of Arizona, SRP is exempt from property taxation. However, in accordance with Arizona law, SRP makes voluntary contributions each year to the State of Arizona in lieu of property taxes. On an annual basis, in lieu payments have grown approximately \$10 million from Fiscal Year 2016 Test Year to Fiscal Year 2020 Test Year. Tax rate increases account for 20 percent of the growth, while 80 percent of the increase is related to growth in plant assets.

### **Controlling Costs**

SRP continues to focus on controlling costs in the areas of financing, operations and maintenance, and new capital expenditures while planning to meet future customer needs and facilitating a path toward a less carbon-intensive resource mix.

### Financing Costs

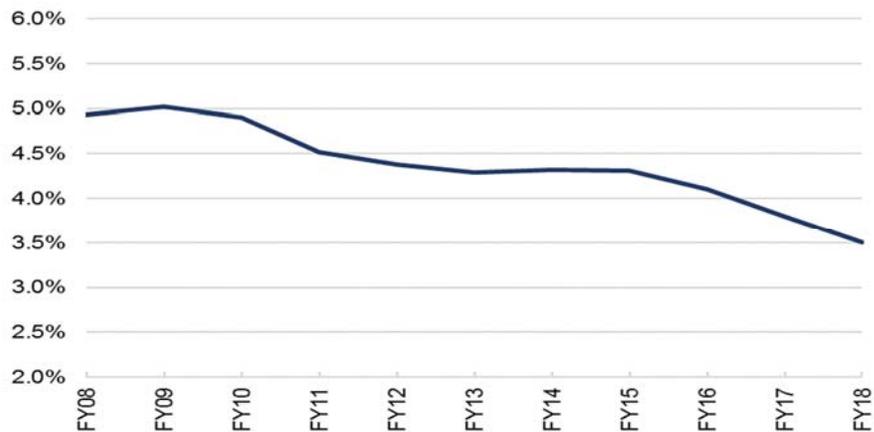
SRP has \$4.3 billion of outstanding debt, net of amounts due within one year, in the form of revenue bonds and commercial paper. As financial market opportunities arise, debt is refinanced at lower interest rates to lower overall interest expense. With the 2015 Series A bond sale, SRP refinanced \$636 million of the outstanding long term debt and achieved over \$90 million in interest savings in today's dollars.

In the 2016 Series A bond transaction, \$831 million was refinanced, achieving \$112 million in interest savings in today's dollars. And lastly, in the 2017 Series A bond sale \$573 million was refinanced and \$110 million in interest savings in today's dollars were recognized. The 2016 and 2017 transactions alone have resulted in present value savings in excess of \$10 million per year through Fiscal Year 2039.

SRP has historically maintained a strong capital structure and adherence to established financial objectives. SRP enjoys one of the highest credit ratings in the utility industry, and this high credit rating has allowed SRP to access capital markets at lower interest rates than most of the utility industry.

Figure 3 below illustrates the downward trend of financing costs for SRP over the past 18 years.

Figure 3: Average Effective Interest Rate on Bonds Outstanding



### Operations and Maintenance Efforts

SRP has actively sought to absorb inflation to minimize year over year increases in Operations and Maintenance (O&M) expenses. To aid in this effort, a cost management metric known as the Direct Cost metric, has been part of every SRP employee's goals since 2010. Direct Costs are a subset of operating expenses that are directly budgeted by departments throughout SRP and include costs such as labor, materials, training, and contract services. As a result of these efforts, since May 2015, O&M expenses have experienced an annual average growth rate of only 0.2 percent. Meanwhile, sales have grown at an annual average growth rate of 0.4 percent. By comparison, the economy, in general, has experienced an annual average growth rate of 1.8 percent based on the Consumer Price Index.

In order to improve efficiency and effectiveness and to reduce costs, during 2017, Management led an effort to re-engineer sizable business processes. These efforts have saved millions of dollars and include:

- Implementing a more cost-effective method of performing overhauls for SRP's gas generation resources
- Evaluating the cost-effectiveness of a reduced availability target for SRP's coal generation resources
- Implementing the conversational interactive voice response (IVR) system to increase call completion by IVR to 30 percent of all calls to the customer call center
- Reducing outage response time, leveraging increased technology in the Landis+Gyr smart meter platform, and enabling more targeted customer outage communications

These cost management efforts have not adversely impacted SRP's award winning customer service.

### Capital Management Process

In September 2016, a capital budget process change was piloted in certain areas within SRP. Efforts were made to develop simple, consistent criteria for evaluating and submitting all capital projects. The criteria for a proposed capital investment includes demonstrating how the proposal aligns to SRP's corporate goals and objectives, evaluating the benefits associated with the proposal, and assessing the risks avoided by implementing the proposal. The Capital Governance Committee was formed to help determine criteria and provide overall direction and oversight for the capital process. This process is now being expanded to other areas of the

company. In addition to these prioritization efforts, in October 2018, SRP's General Manager/CEO directed senior management to reduce planned capital budgets by approximately \$150 million over the next five years. This meaningful reduction in future capital spending will provide financial flexibility and reduce incremental new debt going forward.

## **Need to Maintain SRP's Financial Strength**

SRP needs to maintain its financial strength in order to have the flexibility to respond to the rapidly changing utility industry and ensure it can fund its capital program in a cost effective manner.

Funding for new capital infrastructure comes from three sources: retail electric sales, the issuance of debt, and, when available, contributions from wholesale net revenues.

From the Fiscal Year 2016 Test Year to the current Fiscal Year 2020 Test Year, retail sales are expected to increase only 0.4 percent on an annual basis. This low rate of growth, coupled with declining wholesale revenues, puts additional pressure on the need to issue new debt to fund the capital program. Issuing large amounts of new debt would increase SRP's fixed costs and reduce financial flexibility. The proposed pricing adjustment, which seeks only a partial restoration of returns on invested capital, will help reduce the need for the issuance of new debt in the next budget process. As previously mentioned, SRP's high credit rating has allowed SRP to access capital markets at interest rates lower than most utilities.

The proposed increase in base revenues also provides additional flexibility to address any debt repayment or remediation associated with the shortening of generating asset book lives that may result from SRP's transition to new resources and technologies.

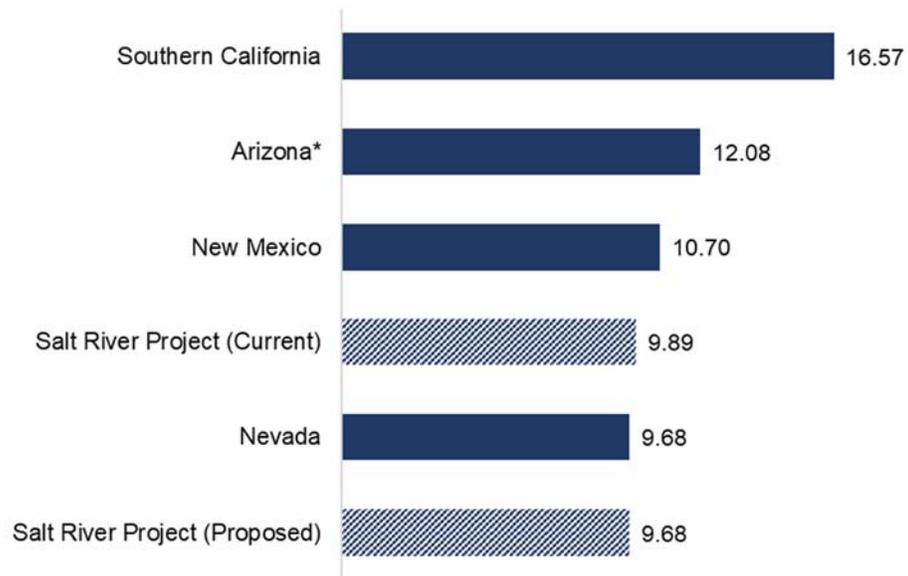
As described in the next section, several financial indicators begin to deteriorate without the proposed changes. The proposed increase is consistent with, albeit less than, the base pricing level the Board reviewed in March 2018 as part of the Financial Plan 2019 discussion and Fiscal Year 2019 Budget approval process. With the proposed changes, financial indicators remain stable and are consistent with the financial metrics reviewed with the Board as part of that process. Implementing these changes now, furthermore, provides for less impactful cost and price impacts over the useful life of the assets changes rather than at the point of resource transition.

## Financial Impact of Proposals

### Regional Price Comparison

SRP continues to provide value to customers by maintaining low prices relative to other utilities in the West and Southwest regions as seen in the below figure.

Figure 4: Average Cents per kWh, Current and Proposed



Source: Dept. of Energy EIA-826 Reports for 12 months ending September 30, 2018

Source for SRP data: FP 2019 Revenue Model

\*Arizona does not include SRP

### FPPAM Balance

Even with the \$18.8 million summer and the current \$24.2 million winter Fiscal Year 2019 FPPAM decreases, the projected ending balance for Fiscal Year 2019 is \$68.4 million and the balance is projected to increase if no further action is taken. This balance falls well outside of the plus or minus \$20 million dead band established by the Board for consideration of changes. With the proposed adjustment to the FPPAM, including the adjustment resulting from the EPCAF elimination, the Fiscal Year 2020 ending balance is projected to be \$(16.0) million, which is within the dead band.

**Financial Indicators**

SRP uses several metrics to evaluate its financial performance, including debt ratio, debt service coverage ratio, net revenue, funds available for corporate purposes, and rate of return. The rate of return is also used as a measure of retail revenue sufficiency and cost allocation. The retail rate of return is established at a level sufficient to pay for water support, financing costs, and capital contributions.

Absent a price adjustment, the overall retail rate of return is anticipated to decline to 3.4 percent for Fiscal Year 2020 Test Year. This current overall retail rate of return is not sufficient to maintain a strong financial position, pay for interest expenses associated with debt, make adequate investments in new plant, and make contributions to support water operations.

Further, key financial indicators like Combined Net Revenue are projected to decline absent a base price adjustment. Maintaining healthy financial indicators serves the best interests of SRP's customers by keeping borrowing costs as low as possible and providing access to financial markets when needed.

The following figures (Figures 5 through 8) present key financial indicators for SRP for historical years and projections through Fiscal Year 2021. The projections for FY2019 through Fiscal Year 2021 are based on financial plan 2019 with adjustments for financial results through October 2018, as well as updates to items with known changes since the March review of the financial plan. The major known changes are updated sales and fuel forecasts and the reductions to the capital. The proposed adjustments are shown with and without Management's proposed 1.7 percent base increase to Standard Electric Price Plans, effective with the May 2019 billing cycle; additionally, changes to the FPPAM and EPCAF are included in both lines on the chart.

Figure 5: Combined Net Revenues (\$Millions)

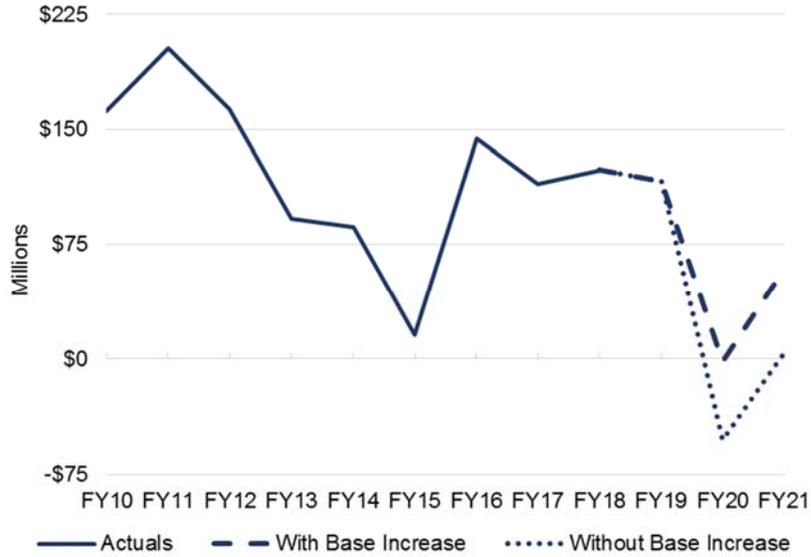


Figure 6: Funds Available for Corporate Purposes (\$Millions)

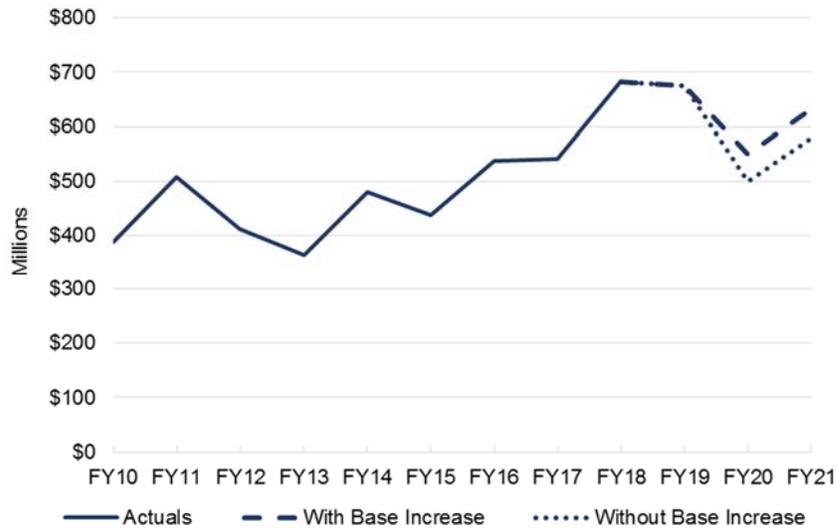


Figure 7: Debt Ratio

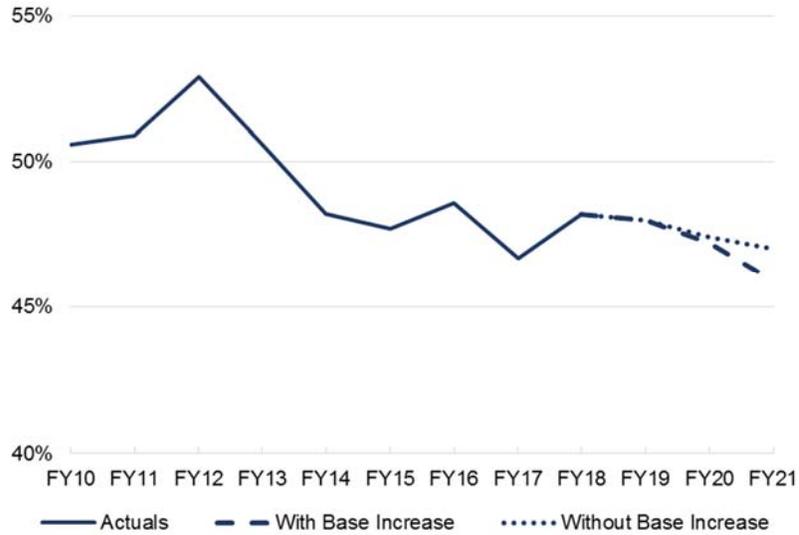


Figure 8: Debt Service Coverage Ratio

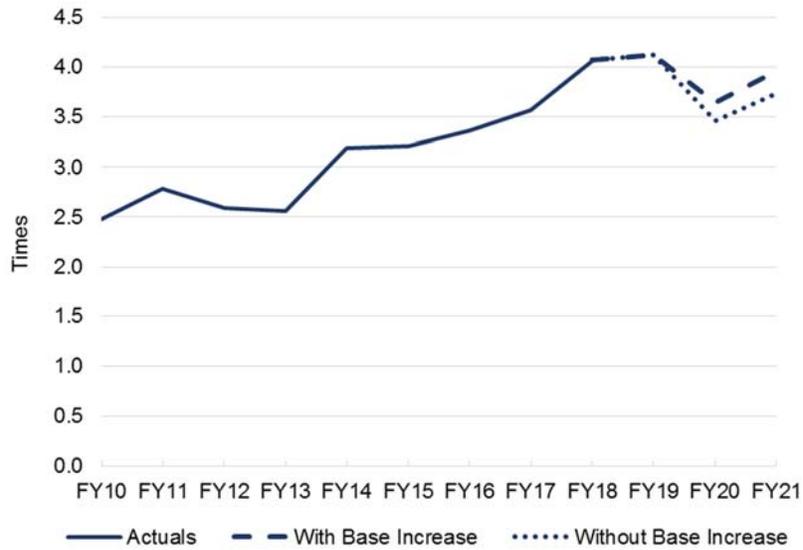
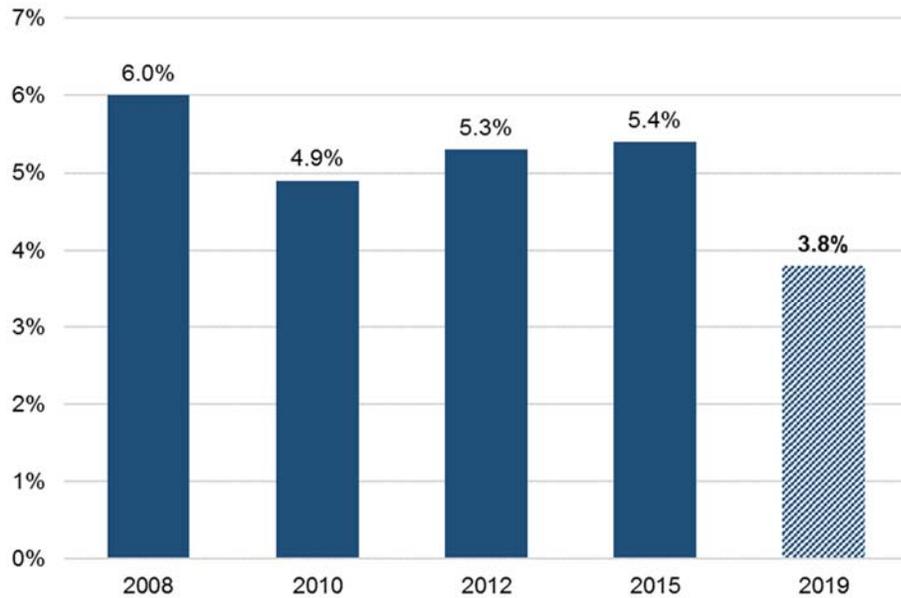


Figure 9 below shows SRP's proposed rate of return over the last several price processes. The proposed return of 3.8 percent is below the 5.7 percent average proposed rate of return in the 2004 through 2015 price processes.

Figure 9: Historical Proposed Overall Rate of Return on Net Plant Less CWIP



With the proposed 3.8 percent rate of return, the amount available to fund SRP's capital investments in new plant is lower compared to earlier years.

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## Management's Pricing Proposal

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### Pricing Principles

The Board formally adopted the following Pricing Principles in December 2000. These principles have consistently guided the pricing of SRP's electric service and have been used in the development of price plans and associated policies in Management's pricing proposal.

- **Gradualism** – to enhance sound, economic decision-making by customers of all types through stabilizing price levels and smoothing the impact of cost movements that may be caused by temporary factors
- **Cost Relation** – to establish prices in relation to costs and SRP's stewardship to its water constituents, and thus not to pursue the maximization of "profit"
- **Choice** – to constantly improve customer satisfaction through the creative design of pricing structures that reflect customers' different desires or abilities to manage the consumption, assume more price control, or demand differentiated products and services, among others
- **Equity** – to treat customers of all types in an economically fair manner
- **Sufficiency** – to recover the cost of, and to invest and reinvest in a system of assets to perform its policy obligations, including its obligation to store and deliver water to the owners of land within the boundaries of the Salt River Reservoir District, to maintain SRP's financial well-being, and to follow the foregoing principles

### SRP's Cost Studies

#### Cost Allocation Study

Following the prior price process, Management, with the participation of a diverse group of stakeholders, completed a review of SRP's cost allocation methodology. In 2016, SRP held a series of stakeholder meetings to review SRP's current cost allocation methodologies and receive input from a variety of participants including representatives of the residential, commercial and industrial customer sectors, renewable energy and energy efficiency stakeholders, and members of the Board. The primary areas of discussion included:

1. The method SRP uses to allocate fixed generation costs;
2. The allocation of Energy Efficiency and Renewable Energy costs using the EPCAF; and
3. The previous method for allocating expenses related to distribution facilities.

Management's proposals were informed, in part, by the stakeholder process. As part of this proposal, Management plans to eliminate the EPCAF. Costs associated with energy efficiency programs will be moved to the Systems Benefits Charge while costs attributable to renewable resources will be moved to the FPPAM, if they are purchased power agreements, or to base prices if SRP owns the renewable resource. Management also proposes a cap on customers' energy efficiency contributions (discussed in the Energy Efficiency section below). Further, Management is proposing that distribution related expenses be primarily allocated in accordance with SRP's internal distribution study which includes a customer component for the allocation of distribution facilities costs.

In keeping with the principles of Cost Relation, Equity and Sufficiency, Management has completed a study to analyze the recovery of costs both by customer class and by function for the Fiscal Year 2020 Test Year. SRP's proposed price plans contain the following functions: fuel and purchased power, generation capacity, ancillary services, transmission, distribution (delivery, facilities, and dedicated), meter, billing and customer service, and system benefits. This study, the *Cost Allocation Study in Support of Proposed Adjustments to SRP's Standard Electric Price Plans, Effective with the May 2019 Billing Cycle (CAS)*, allocates expenses and revenues to customer classes and functions and relates these to the level of investment in electric plant. This relationship yields a return on net plant less construction work in progress (CWIP). As described below, the returns inform Management's proposed overall changes by rate. More information can be found in the CAS. Direct access for retail electric customers is currently inactive in Arizona. While certain components of SRP's price plans are unbundled, such components would need to be redetermined in the event direct access becomes available.

#### **Marginal Cost Study (MCS)**

During the development of this pricing proposal, Management undertook a study to determine the marginal costs of various pricing components that support the development of the price plans. Marginal costs are defined as those costs incurred in the production of an additional unit of a commodity. In the case of this study, the marginal cost associated with serving an incremental new customer account, an incremental unit of demand kW and the incremental unit of a kWh are determined. Although SRP sets rate levels based on the CAS, it uses the

MCS results as a tool in rate design in an effort to provide price signals to customers that better align with the costs incurred by SRP. The results of the marginal cost study are summarized in Appendix A of the CAS. The study uses revenues based on current price levels and updated costs to reflect Fiscal Year 2020 dollars.

## Summary of Key Pricing Proposals

### Base Price Change

Base price components refer to all pricing components except for adjustment mechanisms (the FPPAM and the EPCAF). The base price generally includes generation, transmission, distribution, customer services and the system benefits charge. As part of each price process, Management proposes base price plan adjustments that move the relative rates of return for each price plan closer to the overall average return for all customer classes. The differing impact on each class of customer that results from customer, demand, and energy growth as a result of consumption changes will vary from test year to test year, coupled with changes to expenses and investment in plant, results in the relative returns on net plant less construction work in progress (CWIP) for each class as seen in Figure 12.

These returns are used as the primary tool to determine the allocation of the proposed base price increases by function and customer class.

The overall current retail rate of return absent a price adjustment is only 3.4 percent. This return level is not sufficient to pay for interest expenses associated with debt and make contributions to water support, nor does it constitute any incremental funding for investment in new plant. Management is proposing a base price increase of 1.7 percent. Although this level of increase does not get return to levels proposed in the previous price processes, it does take a step towards recovery and is guided by the pricing principle of gradualism.

### EPCAF

The Board established the EPCAF in 2009 at a time when both renewables and energy efficiency programs were being scaled up to meet SRP's Sustainable Portfolio Principles (SPP) target of meeting 20 percent of its retail energy requirements through sustainable resources by 2020. While the SPP goal is inclusive of all qualifying renewable and energy efficiency programs, the EPCAF only included the cost of new renewable resources and energy efficiency expenses. For example, SRP's larger hydroelectric resources were not included in

*SRP recently adopted SRP 2035, which includes carbon reduction objectives as part of broader sustainability goals and objectives. Accordingly, the need for a separate price mechanism to collect the cost for renewables or energy efficiency expenses is no longer necessary.*

the EPCAF for recovery. The EPCAF also allowed for true-ups to the extent the revenues collected from the EPCAF exceeded or were short of actual related expenditures.

In the more than nine years since the EPCAF was established, renewable energy and energy efficiency have become an integral part of SRP's resource portfolio (as opposed to a separate class of resources) and should be included alongside traditional resources as demonstrated in the recent integrated resource planning process. As noted previously, SRP recently adopted SRP 2035, which includes carbon emissions reduction targets as well as broader sustainability goals and objectives. Accordingly, the need for a separate price mechanism to collect the cost for renewables or energy efficiency expenses is no longer necessary.

Since SRP goals have changed to incorporate increased sustainability that will encompass all aspects of SRP, Management proposes to eliminate the EPCAF as a separate, unbundled component of retail price plans. The costs of renewable energy and energy efficiency would instead be recovered through base prices or the FPPAM as described below.

As part of the elimination of the EPCAF, the FPPAM would also be modified. Currently, the FPPAM includes only fuel and purchased power expenses from conventional generating resources such as nuclear, natural gas, coal, and hydroelectric generation. As part of this proposal, Management proposes that expenses for all renewable purchased power agreements that are currently included in the EPCAF would instead be included in the FPPAM just like any other purchased power agreement. SRP-owned renewable resources would be moved back to base pricing components as capital, operations and maintenance, and taxes consistent with standard accounting practices.

Management also proposes to move energy efficiency expenses to base prices as part of the system benefits charge (SBC). This charge is applied as a flat per kWh charge applicable to all retail price plans. Budgeted energy efficiency expenditures for Fiscal Year 2019 are \$46.6 million and in the proposed Fiscal Year 2020 Test Year are expected to increase to \$50.1 million, an increase of \$3.5 million or nearly 8 percent.

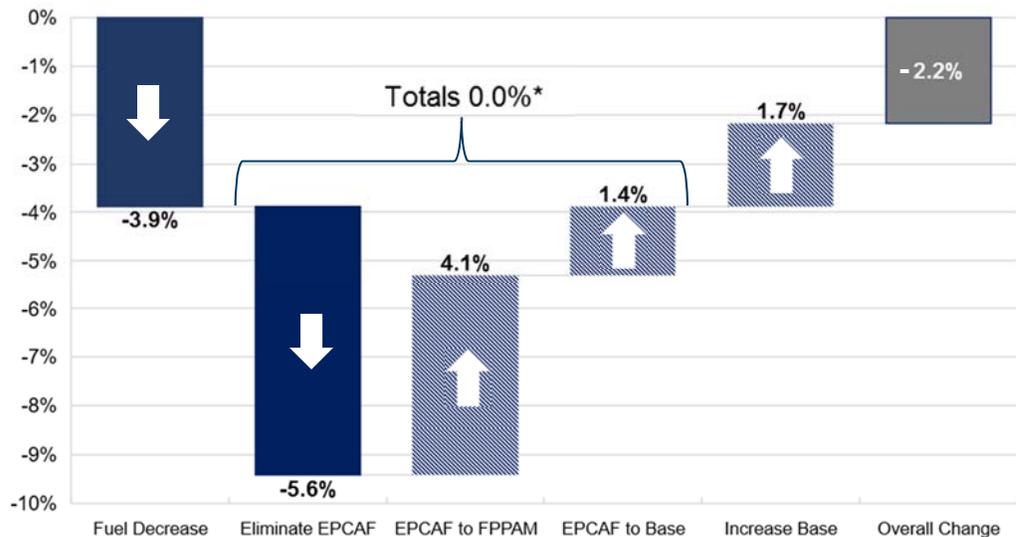
While the EPCAF will no longer exist as a separate pricing component, Management will continue to provide visibility to renewable energy and energy efficiency expenses through SRP's annual budget process. In addition, SRP's progress towards its 2035 Sustainability Goals will be routinely and transparently reported.

**FPPAM Modifications**

As mentioned in the EPCAF section, Management is proposing to modify the FPPAM to include renewable fuel and purchased power expenses. For Fiscal Year 2020 Test Year these total \$151.3 million. FPPAM revenue would also be adjusted to incorporate the pro rata share of EPCAF revenue related to these expenses (\$118.9 million). Additionally, \$2.9 million of revenue from the frozen Community Solar program would also be transferred to the FPPAM. Finally the projected Fiscal Year 2019 over-collection for the EPCAF, \$8.0 million, would be transferred to the FPPAM. As part of the proposal discussed in the “Distributed Generation Price Plans” section below, SRP will purchase the solar generation that is exported instantaneously to the grid. This expense will be included in the FPPAM. Figure 10 shows the modifications of FPPAM and how it relates to the proposal.

FPPAM revenue for Fiscal Year 2020 Test Year before modifications is \$737.4 million. Adding the pro rata share of EPCAF revenue moves this total to \$859.2 million prior to the proposed decrease. Management is proposing a \$114.1 million (3.9 percent) decrease to \$745.1 million. The decrease is necessary to address the current over-collected balance and the projected lower costs associated with the modified FPPAM.

Figure 10: FPPAM/EPCAF Changes



Note: \*Amounts do not sum to total due to rounding

**Residential Time-of-Use**

Current time-of-use (TOU) hours for E-26 (Time-of-Use Rate), E-27 (Customer Generation Rate), and E-29 (Electric Vehicle Rate) have on-peak hours in the summer and summer-peak season from 1 – 8 pm, with winter on-peak hours from 5 – 9 am and 5 – 9 pm. Management proposes to reduce the summer and summer peak on-peak hours for these rates to 2 – 8 pm to better align the on-peak pricing period with costs. Winter hours would remain unchanged. This represents a reduction in on-peak hours for these price plans of about 7 percent; nearly 80 percent of the hours in the year would be off-peak or super-off peak.

The current EZ-3 program on-peak hours are from 3 – 6 pm along with two related experimental price plans, 2 – 5 pm and 4 – 7 pm. Management proposes to freeze the 2 – 5 pm experimental price plan and eliminate it in two years. The 4 – 7 pm price plan would no longer be considered experimental and would become a standard rate offering.

**M-Power**

SRP's M-Power program (E-24) has traditionally had a higher cost of service given the program's unique costs related to metering, billing, etc. In the coming few years, it is expected that the cost of service under this price plan will be roughly equal to that under the Basic Price Plan (E-23) given new metering technology and bill payment options. As such, Management is working to equalize the prices between the two price plans until ultimately prepay and credit customers are on the same rate. Under the proposal, winter prices are now equal to each other under both price plans, and summer prices are much better aligned. The effort to accelerate the equalizing of these two price plans requires an additional decrease of \$2.5 million for M-Power customers beyond what would otherwise be proposed as a part of this price process. Fully aligning E-23 and E-24 prices as part of this proposal would adversely impact many E-23 customers.

**Distributed Generation Price Plans**

The E-27 Customer Generation Price Plan is the current price plan for residential distributed generation customers. It features a monthly demand charge that applies to the highest 30-minute demand recorded during the on-peak period hours. Three additional price plan options for distributed generation customers are included as part of Management's proposal; each is designed to generate the same amount of overall revenues as the E-27 price plan based on the usage characteristics of customers on that price plan. However, due to individual usage patterns, customer bills will vary when compared directly to their bills under the E-27 price plan.

Management is proposing two non-demand time-of-use price plans for self-generation customers. Metering technology and system capabilities now allow the separate tracking of kWh delivered and kWh exported on an instantaneous basis; these non-demand TOU price plans will utilize this capability. The first plan is the E-13 Customer Generation Time-of-Use Export Price Plan. Under this plan customers will pay a monthly service charge equal to the monthly service charge for the E-27 price plan and on- and off-peak kWh charges equal to the charges for the E-26 TOU price plan. Customers pay for the electricity SRP instantaneously delivers to them under the prices in the price plan. If the customer exports generated energy to the grid instantaneously (e.g. excess rooftop solar generation), then SRP will credit the customer at an "export rate" which equals an amount reflective of the recent cost of new utility scale solar generation, plus an increase for line and transformation losses associated with the transmission and distribution systems to reflect the local nature of the generation. The credits associated with excess energy delivered to SRP's system will be treated like other purchased power and will be recovered in the FPPAM.

The second non-demand TOU price plan, the E-14 Residential Customer Generation Electric Vehicle Export Price Plan, is similar to the proposed price plan above but it is applicable to customers with an electric vehicle (EV). As such, it has per-kWh charges equal to the E-29 Residential Electric Vehicle Price Plan. While both price plans are largely based on corresponding full-requirements price plans for residential customers, each may be evaluated independently for cost recovery in the future.

Management is also proposing a price plan that has alternative measurement of on-peak demand, the E-15 Customer Generation Average Demand Price Plan for Residential Service. Under this price plan, the measurement of demand is based on the average of all the *daily* maximum on-peak demands for the month vs. the current *monthly* maximum on-peak demand for the E-27 Customer Generation Price Plan. Similar to E-27, the bill is based on net load. This design is intended to address customer and stakeholder concerns about a single anomalous event having a significant impact on a customer's bill for the entire month.

#### **Large Extra High Load Factor Price Plan**

Management proposes to introduce a new high load factor rate, E-67, for large industrial customers. Eligibility for this rate requires a minimum load factor of 90 percent and a minimum load of 20 MW. This proposed price plan is responsive to customer and community input to support regional economic development, while providing large, efficient users of energy with another price plan option.

## Other Proposed Changes

### Limited Income

This Economy Discount rider provides a \$20/month flat discount in the winter and \$21/month flat discount per month in the summer and summer peak billing cycles to qualifying customers, providing relief to limited-income customers regardless of usage. While Management is not proposing a change to the rider; the proposal includes an increase to the SRP Bill Assistance program funding. SRP partners with Salvation Army and its customers to provide energy assistance to those in need through SHARE – Services to Help Arizonans with Relief on Energy. Customers can make one-time or recurring donations through their bills or direct donations to SHARE. The SRP Bill Assistance program matches customer SHARE contributions and are directed to the SRP Bill Assistance fund. Beginning May 2019, SRP will contribute a minimum of \$500,000 annually for five years to this fund.

### Energy Efficiency

Over the past decade, SRP has offered energy efficiency programs to help customers manage their energy usage and costs within their homes and businesses. SRP currently has a diverse portfolio of programs in the market to serve the needs of both residential and business customers. This past year, SRP exceeded its annual incremental savings target of 2.00 percent by delivering 2.14 percent of retail requirements through its portfolio of energy efficiency programs.

SRP also has an energy efficiency program for larger commercial and industrial customers. The Self-Direct program is intended to allow customers contributing more than the \$300,000 annual energy efficiency (EE) rebate cap to have access to their full EE EPCAF contributions. Beginning in May 2019, Management proposes to limit customer EE contributions to \$300,000 annually. By doing so, the current Self-Direct program will sunset and all customers will be treated as normal participating business customers. Currently enrolled Self-Direct customers will have the option to retain and carry-over any remaining, unrebated Fiscal Year 2019 EE EPCAF contributions into Fiscal Year 2020 plus receive up to the standard \$300,000 in eligible rebate funding for the Fiscal Year 2020 program year. After that time, beginning on May 1, 2020 (program year Fiscal Year 2021), these customers would be subject to SRP's prevailing annual EE rebate cap which is currently \$300,000 per year.

## Details of Price Proposal

### Allocation of the Proposed Price Increase by Customer Class

The proposed base price increase effective with the May 2019 billing cycle has been allocated to each of the customer classes based on the results of the CAS. Due consideration was also given to the principle of Gradualism given the differences in relative returns on net plant less CWIP and the overall level of the price increase. This approach provides for an equitable allocation of the proposed increase among the customer classes as it is based on the level of cost recovery for each customer class while accounting for other driving factors. A higher than average increase to base prices is proposed for those customer classes with lower than average returns, while a lower than average increase to base prices is proposed for customer classes with higher rates of return. One exception was made for the E-27 Price Plan. There are customer-related costs unique to this small class of customers that are impacting the class's return. The impact of these costs is large given the relatively small number of customers that currently make up this class. It is possible some of these customer-related costs may not persist in the future and/or may be less impactful with a greater number of customers on the price plan. In light of that possibility, the recommended base price increase for E-27 is at the lower level of recommended base increases. Figure 11 below summarizes Management's proposed adjustment by customer class, including base, EPCAF and FPPAM; specific price plan increases are included in the CAS Schedule 11.

Figure 11: Proposed Annual Total Adjustments by Customer Class

	Total	Base	EPCAF	FPPAM	EPCAF to Base	EPCAF to FPPAM
Residential	-1.3%	2.2%	-4.7%	-3.5%	1.2%	3.5%
General Service	-2.4%	1.4%	-5.7%	-3.8%	1.4%	4.2%
Large General Service	-3.8%	1.4%	-8.0%	-5.2%	2.1%	5.9%
<b>All Classes</b>	<b>-2.2%</b>	<b>1.7%</b>	<b>-5.6%</b>	<b>-3.9%</b>	<b>1.4%</b>	<b>4.1%</b>

Note: Amounts do not sum to total due to rounding

Source: SRP Cost Allocation Study, published December 2018

As indicated by Figure 12, the proposal will increase overall returns from the current level of 3.4 percent to a level of 3.8 percent on a net plant less CWIP base of \$7.5 billion. The effect of these proposals brings all customer classes relatively closer to the overall average return of 3.8 percent.

Figure 12: Return on Net Plant Less CWIP-Proposed Prices

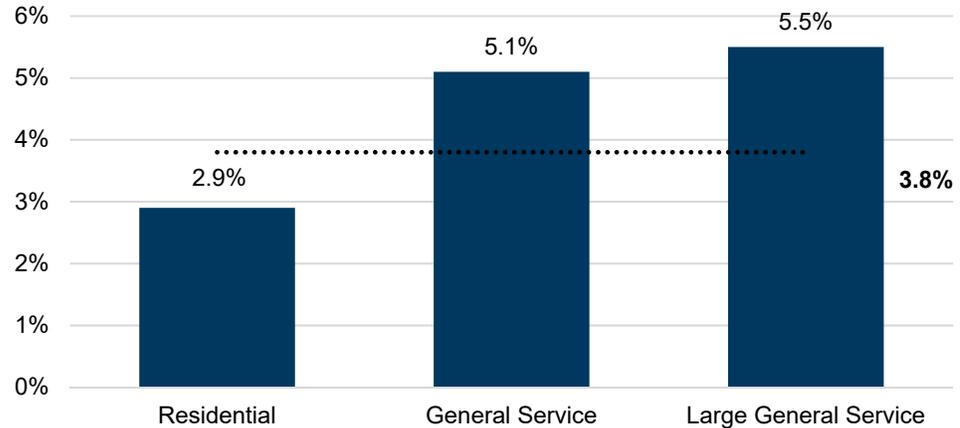


Figure 13: Proposed Annual Revenue Adjustments by Customer Class

	Total	Base	EPCAF	FPPAM	EPCAF to Base	EPCAF to FPPAM
Residential	\$(20,871,059)	\$34,787,909	\$(75,327,237)	\$(55,658,968)	\$19,050,172	\$56,277,064
General Service	\$(20,698,508)	\$12,041,101	\$(48,885,166)	\$(32,739,609)	\$12,364,057	\$36,521,109
Large General Service	\$(18,777,337)	\$6,928,732	\$(39,479,902)	\$(25,706,069)	\$10,439,803	\$29,040,099
<b>All Classes</b>	<b>\$(63,997,377)*</b>	<b>\$50,107,269*</b>	<b>\$(163,692,305)</b>	<b>\$(114,104,646)</b>	<b>\$41,854,032</b>	<b>\$121,838,273</b>

Source: Cost Allocation Study December 2019

\*Sum does not total. The total includes an estimated revenue change from E-67 participation. E-67 was designed to generate the same level of revenues as E-65 if the rate was applied to all E-65 customers. However, some revenue loss is estimated due to eligible E-65 customers selecting the price plan optimal for them, which has been factored into the overall proposal.

## Overview of Proposed Changes

SRP Management is proposing an overall net price decrease of 2.2 percent. The following list highlights proposed changes to price plans and riders and other proposals. Complete details of all proposed changes to price plans and riders can be found in the section, "Standard Electric Price Plans Effective with the May 2019 Billing Cycle".

**Introduce new options for residential distributed generation customers** that would continue to recover grid-related costs from distributed generation customers as E-27 does. The three new options include a three-part rate with a demand charge applied to the average of the daily on-peak kW, a two-part rate with an export component, and a two-part rate with an export component for customers with an electric vehicle.

**Reduce summer and summer peak on-peak hours** for E-26 (Time-of-Use Rate), E-27 (Customer Generation Rate), and E-29 (Electric Vehicle Rate) price plans from 1 - 8 pm to 2 - 8 pm.

**Move M-Power (E-24) and Basic (E-23) price levels** closer together as a first step towards equalizing the two price plans.

**Offer a Large Extra High Load Factor price plan** for customers with loads of at least 20 MW at a minimum load factor of 90 percent.

**Freeze and eventually end one of the two residential EZ-3 experimental price plans (E-25), and make the other a standard offer (E-22)** based upon SRP's peak that is moving later into the evening.

**Increase fixed price components** (e.g. monthly service charge, facilities charges and demand charges) across general service and large general service price plans consistent with cost study findings.

**Add ability to adjust for deficient leading power factor** to current power factor adjustment language in all applicable price plans to better reflect cost of service.

**Introduce a rider providing a market-based price** in lieu of the FPPAM for customers taking service through a dedicated transformer.

**Offer a Sustainable Energy Services Pilot Rider** to allow customers to participate in utility-scale renewable projects.

## Supporting Documents

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The documents that comprise Management's complete proposal plus all supporting documents are listed below. These documents are available to the public in the Information Room at SRP's Project Administration Building and online at [srpprices.com](http://srpprices.com).

- Proposed Adjustments to SRP's Standard Electric Price Plans Effective with the May 2019 Billing Cycle dated December 20, 2018
- Appendix A to Proposed Adjustments to SRP's Standard Electric Price Plans Effective with the May 2019 Billing Cycle – Proposed Standard Electric Price Plans and Riders dated December 20, 2018
- Cost Allocation Study in Support of Proposed Adjustments to SRP's Standard Electric Price Plans Effective with the May 2019 Billing Cycle dated December 20, 2018
- Derivation of Proposed Changes to SRP's Transmission and Ancillary Services Prices Effective May 2019 dated December 20, 2018
- Financial Market and Capital Structure Considerations in Public Power Pricing Decisions by PFM Financial , Inc. (The PFM Group) dated December 20, 2018

## Standard Electric Price Plans

### Introduction

This section presents Management's recommended changes to the standard electric price plans, consistent with the objectives laid out in the pricing overview. All changes would become effective with the May 2019 billing cycle. The May 2019 billing cycle, depending on the customer's price plan and meter read date, may include usage incurred in April 2019.

The following proposals result in an annualized decrease of 2.2 percent, or \$64 million decreased revenues for SRP. The proposed total annual decrease is within 0.10 percent of the targeted revenue changes indicated in the Pricing Proposal section of this document.

Figure 14 details the proposed annual decreases associated with each price plan effective with the May 2019 billing cycle.

Figure 14 Proposed Annual Revenue Impact by Price Plan

	Price Plans	Revenue Impact	Percent Impact
Residential	E-21	\$(3,912,675)	-1.1%
	E-23	\$(6,250,960)	-0.9%
	E-24	\$(7,131,544)	-2.9%
	E-26	\$(3,433,905)	-1.3%
	E-27	\$(65,445)	-0.9%
Non-Residential	E-32	\$(5,439,739)	-2.6%
	E-36	\$(14,696,234)	-2.4%
	Pumping	\$(251,061)	-2.0%
	Lighting	\$(312,041)	-1.4%
	E-61	\$(4,732,793)	-3.1%
	E-63	\$(1,151,583)	-3.0%
	E-65 / E-66	\$(12,893,470)	-4.2%
	Estimated Rate Selection Impacts	\$(3,650,473)	-
<b>All Classes</b>		<b>\$(63,921,923)</b>	<b>-2.2%</b>

The remainder of this document provides detail regarding Management's proposal specific to each price plan including a summary of the changes and customer bill impacts.

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## Residential Price Plans

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### Overview

Residential customer usage ranges from less than 100 kWh per month to more than 50,000 kWh per month. SRP segments residential customers into six strata, defined by their average usage during the months of June, July, August and September.

### Price Plan Summary

- The **E-21 Price Plan for Residential Super Peak Time-of-Use Service** is an optional price plan with a three-hour on-peak period year-round. E-21 is the default turn-on rate for new customers.
- The **E-22 and Experimental E-25 Price Plans for Residential Super Peak Time-of-Use Service** have the same structure and pricing as E-21, but different on-peak hours. E-25 is proposed to be frozen as of the May 2019 billing cycle and then cancelled effective with the May 2021 billing cycle with remaining participants moved to E-21. With this change, E-22 is proposed to become a standard price plan.
- The basic price plan for customers is the **E-23 Standard Price Plan for Residential Service**.
- The **E-24 and E-28 M-Power Price Plans for Residential Pre-Pay** are provided for customers who choose to utilize the pre-pay service option.
- The **E-26 Standard Price Plan for Residential Time-of-Use Service** is an optional time-of-use price plan with a proposed six-hour on-peak period in the summer and summer peak seasons and two four-hour on-peak periods in the winter.
- The **E-27 Customer Generation Price Plan for Residential Service** is a three-part rate for distributed generation customers, which is mandatory for such customers unless they are exempt per the terms of the price plan or the customer chooses one of the newly-proposed options for customers with on-site generation. The price plan has a demand charge based on the monthly maximum on-peak kW, the same TOU hours as E-26, and bills are based on net kWh.
- The new **E-13 Customer Generation Time-of-Use Export for Residential Service** Price Plan is an optional two-part rate with a monthly service charge and a per-kWh charge for distributed generation customers. It is similar to E-26, but includes an export component for distributed generation that is instantaneously sent back to SRP. SRP will credit the customer for such generation at an “export rate,” which equals an

amount reflective of the recent cost of new utility scale solar generation, plus an increase for line and transformation losses associated with the transmission and distribution systems to reflect the local nature of the generation.

- The new **E-14 Residential Customer Generation Electric Vehicle Export Price Plan** is an optional two-part rate with a monthly service charge and a per-kWh charge for distributed generation customers with electric vehicles. It is similar to E-29, but includes an export component for distributed generation that is instantaneously sent back to SRP. SRP will credit the customer for such generation at an “export rate,” which equals an amount reflective of the recent cost of new utility scale solar generation, plus an increase for line and transformation losses associated with the transmission and distribution systems to reflect the local nature of the generation.
- The new **E-15 Customer Generation Average Demand for Residential Service Price Plan** is an optional three-part rate for distributed generation customers. The price plan includes a demand charge applied to the average of daily on-peak kW, it has the same TOU hours as E-26 and E-27, and bills are based on net kWh.
- The **E-27P Pilot Price Plan for Residential Demand Rate Service** is a three-part time-of-use rate available to any customer based on the E-27 Price Plan; participation is capped at 5,000 customers.
- The **E-29 Residential Electric Vehicle Price Plan** is an optional rate for customers with electric vehicles. The price plan is similar to E-26, with identical pricing seasons and on-peak time-of-use periods, but splits the off-peak period into an off-peak and a super off-peak period that occurs daily from 11 p.m. to 5 a.m. E-29 is proposed to be changed from an experimental to a standard price plan.
- In the Monthly Service Charge, Management proposes to combine “Billing, Collections” and “Competitive Customer Service” into one line now labeled “Billing and Customer Service”. For all residential customers, current “Billing, Collections” is \$2.69 and current “Competitive Customer Service” is \$11.01.

Figure 15 includes details for the standard price plans available to residential customers. There are no customers taking service on the E-28 “M-Power TOU” Price Plan.

Figure 15 SRP Standard Residential Price Plans

Rate	Description	Customer Accounts	% of All Residential Customers	\$ Proposed Annual Impact	% Proposed Annual Impact
E-21/22*	"EZ-3" Super Peak Time-of-Use	213,508	22%	\$(3,912,675)	-1.1%
E-23	Standard	466,799	48%	\$(6,250,960)	-0.9%
E-24	"M-Power" Pre-Pay	158,576	16%	\$(7,131,544)	-2.9%
E-26/29*	Time-of-Use	126,466	13%	\$(3,433,905)	-1.3%
E-27	Customer Generation	5,647	1%	\$(65,445)	-0.9%

\*See individual price plan summaries for a list of experimental/pilot price plans included in totals

Figure 16 is a reference table of riders matched with their applicable standard residential price plans. Experimental and Pilot price plans are not included.

Figure 16 SRP Riders Applicable to Standard Residential Price Plans

Riders	E-13	E-14	E-15	E-21	E-22	E-23	E-24	E-26	E-27	E-28	E-29
Economy Discount	X	X	X	X	X	X	X	X	X	X	X
Monthly Energy Index	X	X	X	X	X	X		X	X		X
<b>Pilot Riders</b>											
Demand Excursion									X		
Renewable Energy Credit	X	X	X	X	X	X		X	X		X
Renewable Energy Services	X	X	X	X	X	X		X	X		X
Sustainable Energy Services	X	X	X	X	X	X		X	X		X

Note: Frozen riders are excluded from this table

## E-21 at a glance

*TOU plan with a three-hour on-peak time*

*Higher prices during on-peak periods to encourage customers to shift use to lower cost off peak time periods*

## E-21 EZ-3

### Price Plan for Residential Super Peak Time-of-Use Service

#### Overview

The E-21 (EZ-3) Price Plan for Super Peak Time-of-Use Service is an optional price plan with a three-hour on-peak period year-round. E-21 (EZ-3) is the default turn-on rate for new customers. Reducing usage during the on-peak hours reduces costs to SRP, so customers can benefit through a reduction in their electric bill.

Compared to the Standard Residential TOU plan (E-26), E-21 (EZ-3) provides a stronger price signal during a fewer number of hours in the summer and summer peak seasons. Annually, over 90 percent of the hours in each week are off-peak.

#### Key Facts\*

*Test Year: 2019 Financial Plan, Fiscal Year 2020*

**Customer Accounts** 213,508

**Annual Revenue** \$360.8M (12% of SRP's retail electric revenue)

**Annual Usage** 3,206,086 MWh (11% of SRP's retail energy sales)

*\*Includes figures for customers on the E-22 and E-25 price plans*

#### Proposed Changes

**Annual Impact** -1.1% (for all seasons)

- No proposed changes for time-of-use periods
- Continue to align price plan components with marginal costs.
- See Figure 17 for a detailed comparison of the current and proposed E-21 Price Plan

Figure 17 E-21 Pricing Components Detailed Comparison

<b>Monthly Service Charge</b>	<b>Current*</b> <i>May 2018 – April 2019 billing cycle</i>	<b>Proposed</b> <i>May 2019 billing cycle</i>
Billing and Customer Service	\$13.70	\$17.60
Meter	\$2.10	\$2.04
Distribution Facilities	\$4.20	\$0.36
<b>Total</b>	<b>\$20.00</b>	<b>\$20.00</b>

**Per kWh Charges**

<b>Summer</b>	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
Distribution Delivery	\$0.1333	\$0.0137	\$0.1338	\$0.0153
Transmission	\$0.0753	\$0.0062	\$0.0537	\$0.0043
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0029	\$0.0004	\$0.0058	\$0.0010
Ancillary Services 3-6	\$0.0025	\$0.0006	\$0.0034	\$0.0007
System Benefits	\$0.0007	\$0.0007	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0000	\$0.0000
Generation	\$0.0536	\$0.0274	\$0.0639	\$0.0327
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.3022</b>	<b>\$0.0829</b>	<b>\$0.2895</b>	<b>\$0.0829</b>

<b>Summer Peak</b>	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
Distribution Delivery	\$0.1644	\$0.0148	\$0.1590	\$0.0164
Transmission	\$0.0799	\$0.0069	\$0.0580	\$0.0047
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0043	\$0.0005	\$0.0089	\$0.0011
Ancillary Services 3-6	\$0.0037	\$0.0006	\$0.0052	\$0.0008
System Benefits	\$0.0007	\$0.0007	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0000	\$0.0000
Generation	\$0.0708	\$0.0279	\$0.0844	\$0.0334
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.3577</b>	<b>\$0.0853</b>	<b>\$0.3444</b>	<b>\$0.0853</b>

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Per kWh Charges (continued) Winter	Current*		Proposed	
	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
Distribution Delivery	\$0.0298	\$0.0136	\$0.0239	\$0.0089
Transmission	\$0.0345	\$0.0059	\$0.0179	\$0.0040
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0008	\$0.0004	\$0.0016	\$0.0009
Ancillary Services 3-6	\$0.0009	\$0.0005	\$0.0013	\$0.0007
System Benefits	\$0.0007	\$0.0007	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0000	\$0.0000
Generation	\$0.0273	\$0.0272	\$0.0346	\$0.0323
Fuel and Purchased Power Adjustment	\$0.0200	\$0.0200	\$0.0241	\$0.0241
<b>Total</b>	<b>\$0.1195</b>	<b>\$0.0738</b>	<b>\$0.1063</b>	<b>\$0.0738</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Hours

<b>On-Peak</b>	<b>Year-Round:</b> Weekdays 3-6 p.m. (MST)
<b>Off-Peak</b>	<b>Year-Round:</b> All other hours, including six holidays*

\*New Year's Day (observed), Memorial Day (observed), Independence Day (observed), Labor Day, Thanksgiving Day and Christmas Day (observed)

## Pricing Seasons

<b>Summer</b>	May, June, September & October billing cycles
<b>Summer Peak</b>	July & August billing cycles
<b>Winter</b>	November, December, January, February, March & April billing cycles

## Customer Bill Impacts

Based on 12 months of usage through August 2018, no customer will receive a price increase on an annual basis. This is due to the design allowing for all on-peak prices to decrease and all off-peak prices to remain at the current level.

Note that individual customer impacts will vary, both on a percentage and absolute dollar basis depending on the actual amount and pattern of energy usage. See the following tables and graphs for E-21 bill impact details based on actual billing data from customers with 12 consecutive months of data ending August 2018.

### List of Figures

**Figure 18** Distribution of Proposed Annual Bill Impacts

**Figure 19** Customer Class Characteristics by Stratum

Figure 18 Proposed Annual E-21 Customer Account Bill Impacts

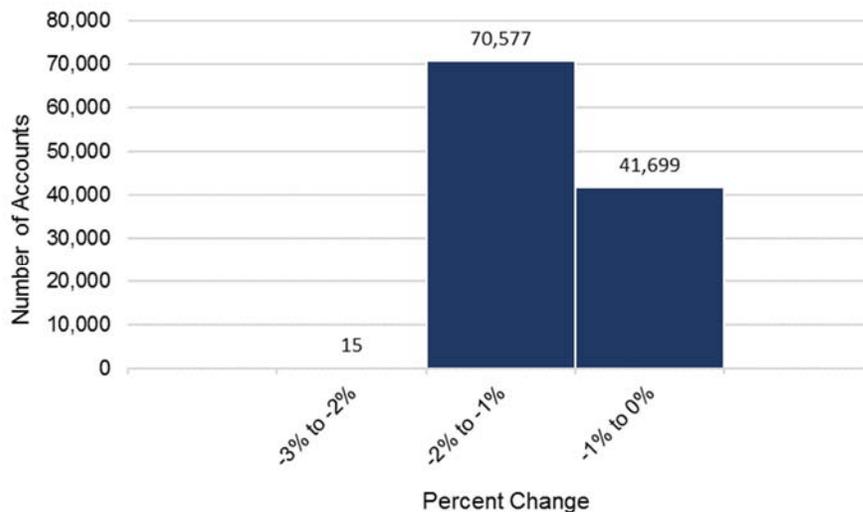


Figure 19 E-21 Customer Class Characteristics

Stratum	Avg. Monthly Summer Gross kWh (Jun-Sep)	% of Accounts	Avg. Annual kWh per Account	Current Avg. Annual Bill	Proposed Avg. Annual Bill	% Change
1	0 – 400	1.3%	3,351	\$545	\$541	-0.7%
2	401 – 850	7.5%	5,940	\$806	\$799	-0.9%
3	851 – 1,300	15.1%	8,958	\$1,114	\$1,103	-1.0%
4	1,301 – 1,800	22.2%	12,199	\$1,446	\$1,430	-1.1%
5	1,801 – 2,600	31.6%	16,960	\$1,913	\$1,892	-1.1%
6	2,600 +	22.3%	26,641	\$2,847	\$2,814	-1.2%

Based on actual billing data from customers with 12 consecutive months of data ending August 2018

## [E-22 & E-25 at a glance](#)

*Time-of-use plans with different three-hour on-peak time period*

*Prices vary by time of day and season*

# E-22 and Experimental E-25 EZ-3

## Price Plans for Residential Super Peak Time-of-Use Service

### Overview

Similar to the E-21 (EZ-3) Super Peak TOU price plan, E-22 and Experimental E-25 Super Peak TOU price plans are designed to pass through the lower cost of providing power to SRP customers in the off-peak periods. The E-22 and E-25 hours are intended to compliment the 3 p.m. to 6 p.m. on-peak hours of the E-21 price plan. Management designed the E-22 and E-25 price plans to examine whether these rates can help manage SRP's system load by enhancing the on-peak load reduction already achieved by the E-21 (EZ-3) price plan.

During the experimental phase, SRP is limiting participation to 10,000 customers on each price plan. For the purpose of the experiment, on-peak and off-peak pricing is the same on all three price plans; only the hours vary.

### Proposed Changes

- Proposed changes to the E-22 and Experimental E-25 Super Peak TOU price plans are consistent with changes to E-21.
- Management proposes freezing E-25 from new participation, as of the May 2019 billing cycle and eliminating the price plan effective with the May 2021 billing cycle. A customer may move to any other available and applicable price plan selected by the customer. If no such selection is made by the time E-25 is eliminated, the customer will be moved to E-21, or if that plan is not then effective or available, to a reasonable alternative price plan selected by SRP.
- Management proposes making E-22 a standard offer price plan and removing the participation cap.
- No proposed changes for time-of-use periods
- See Figure 20 for a detailed comparison of the current and proposed E-22 and E-25 Price Plans

Figure 20 E-22 &amp; E-25 Pricing Components Detailed Comparison

<b>Monthly Service Charge</b>	<b>Current*</b> <i>May 2018 – April 2019 billing cycle</i>	<b>Proposed</b> <i>May 2019 billing cycle</i>
Billing and Customer Service	\$13.70	\$17.60
Meter	\$2.10	\$2.04
Distribution Facilities	\$4.20	\$0.36
<b>Total</b>	<b>\$20.00</b>	<b>\$20.00</b>

**Per kWh Charges**

<b>Summer</b>	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
Distribution Delivery	\$0.1333	\$0.0137	\$0.1338	\$0.0153
Transmission	\$0.0753	\$0.0062	\$0.0537	\$0.0043
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0029	\$0.0004	\$0.0058	\$0.0010
Ancillary Services 3-6	\$0.0025	\$0.0006	\$0.0034	\$0.0007
System Benefits	\$0.0007	\$0.0007	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0000	\$0.0000
Generation	\$0.0536	\$0.0274	\$0.0639	\$0.0327
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.3022</b>	<b>\$0.0829</b>	<b>\$0.2895</b>	<b>\$0.0829</b>

<b>Summer Peak</b>	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
Distribution Delivery	\$0.1644	\$0.0148	\$0.1590	\$0.0164
Transmission	\$0.0799	\$0.0069	\$0.0580	\$0.0047
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0043	\$0.0005	\$0.0089	\$0.0011
Ancillary Services 3-6	\$0.0037	\$0.0006	\$0.0052	\$0.0008
System Benefits	\$0.0007	\$0.0007	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0000	\$0.0000
Generation	\$0.0708	\$0.0279	\$0.0844	\$0.0334
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.3577</b>	<b>\$0.0853</b>	<b>\$0.3444</b>	<b>\$0.0853</b>

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Per kWh Charges (continued)	Current*		Proposed	
	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
<b>Winter</b>				
Distribution Delivery	\$0.0298	\$0.0136	\$0.0239	\$0.0089
Transmission	\$0.0345	\$0.0059	\$0.0179	\$0.0040
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0008	\$0.0004	\$0.0016	\$0.0009
Ancillary Services 3-6	\$0.0009	\$0.0005	\$0.0013	\$0.0007
System Benefits	\$0.0007	\$0.0007	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0000	\$0.0000
Generation	\$0.0273	\$0.0272	\$0.0346	\$0.0323
Fuel and Purchased Power Adjustment	\$0.0200	\$0.0200	\$0.0241	\$0.0241
<b>Total</b>	<b>\$0.1195</b>	<b>\$0.0738</b>	<b>\$0.1063</b>	<b>\$0.0738</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Hours

### E-22

<b>On-Peak</b>	<b>May - October:</b> Weekdays 4-7 p.m. (MST)
<b>Off-Peak</b>	<b>Year-Round:</b> All other hours, including six holidays*

### E-25

<b>On-Peak</b>	<b>May - October:</b> Weekdays 2-5 p.m. (MST)
<b>Off-Peak</b>	<b>Year-Round:</b> All other hours, including six holidays*

\*New Year's Day (observed), Memorial Day (observed), Independence Day (observed), Labor Day, Thanksgiving Day and Christmas Day (observed)

## Pricing Seasons

**Summer** May, June, September & October billing cycles

**Summer Peak** July & August billing cycles

**Winter** November, December, January, February, March & April billing cycles

**E-23 at a glance***Basic price plan**Prices vary by season and include inclining blocks in summer**Proposed annualized decrease: 0.9%***E-23 Basic****Standard Price Plan for Residential Service****Overview**

The E-23 Standard Price Plan for Residential Service (Basic Plan) serves approximately 40 percent of SRP residential customers. On this plan, energy prices change according to the customer's total kWh usage, and season in which energy is consumed. Variables such as weather, size and type of residence, lifestyle, and the number, size and operation of electric appliances, can affect an individual customer's usage.

**Key Facts***Test Year: 2019 Financial Plan, Fiscal Year 2020***Customer Accounts** 466,799**Annual Revenue** \$718.5M (24% of SRP's retail electric revenue)**Annual Usage** 6,015,798 MWh (20% of SRP's retail energy sales)**Proposed Changes**

<b>Annual Impact</b>	-0.9% (-0.1% winter, -1.3% summer, -1.2% summer peak)
<b>Average Monthly Bill</b>	\$132.33
<b>Typical Bill Impact</b>	\$(0.63)

- Focus on aligning each block's pricing levels to allow for future consolidation of all blocks in an effort to align E-23 and E-24 (M-Power) prices
- Continue to align price plan components with marginal costs
- See Figure 21 for a detailed comparison of the current and proposed E-23 Price Plan

Figure 21 E-23 Pricing Components Detailed Comparison

<b>Monthly Service Charge</b>	<b>Current*</b> <i>May 2018 – April 2019 billing cycle</i>	<b>Proposed</b> <i>May 2019 billing cycle</i>
Billing and Customer Service	\$13.70	\$17.60
Meter	\$2.10	\$2.04
Distribution Facilities	\$4.20	\$0.36
<b>Total</b>	<b>\$20.00</b>	<b>\$20.00</b>

<b>Per kWh Charges</b>	0-700 kWh	701-2,000 kWh	2,001+ kWh	0-2,000 kWh	2,001+ kWh
<b>Summer</b>					
Distribution Delivery	\$0.0210	\$0.0215	\$0.0273	\$0.0237	\$0.0258
Transmission	\$0.0156	\$0.0162	\$0.0180	\$0.0113	\$0.0123
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0008	\$0.0009	\$0.0009	\$0.0019	\$0.0020
Ancillary Services 3-6	\$0.0006	\$0.0008	\$0.0009	\$0.0009	\$0.0013
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000
Generation	\$0.0365	\$0.0370	\$0.0398	\$0.0424	\$0.0431
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0284	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.1091</b>	<b>\$0.1110</b>	<b>\$0.1215</b>	<b>\$0.1091</b>	<b>\$0.1134</b>

<b>Summer Peak</b>	0-700 kWh	701-2,000 kWh	2,001+ kWh	0-2,000 kWh	2,001+ kWh
Distribution Delivery	\$0.0221	\$0.0224	\$0.0297	\$0.0249	\$0.0280
Transmission	\$0.0168	\$0.0174	\$0.0194	\$0.0123	\$0.0134
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0009	\$0.0010	\$0.0010	\$0.0021	\$0.0023
Ancillary Services 3-6	\$0.0009	\$0.0010	\$0.0011	\$0.0013	\$0.0017
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000
Generation	\$0.0404	\$0.0405	\$0.0462	\$0.0462	\$0.0527
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0284	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.1157</b>	<b>\$0.1169</b>	<b>\$0.1320</b>	<b>\$0.1157</b>	<b>\$0.1270</b>

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Per kWh Charges (continued) Winter	Current* All kWh	Proposed All kWh
Distribution Delivery	\$0.0144	\$0.0121
Transmission	\$0.0110	\$0.0079
Transmission Cost Adjustment	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0006	\$0.0015
Ancillary Services 3-6	\$0.0006	\$0.0007
System Benefits	\$0.0007	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0000
Generation	\$0.0255	\$0.0290
Fuel and Purchased Power Adjustment	\$0.0200	\$0.0241
<b>Total</b>	<b>\$0.0783</b>	<b>\$0.0782</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Pricing Seasons

<b>Summer</b>	May, June, September & October billing cycles
<b>Summer Peak</b>	July & August billing cycles
<b>Winter</b>	November, December, January, February, March & April billing cycles

## Customer Bill Impacts

Based on 12 months of usage through August 2018, no customer will receive a price increase on an annual basis. This is due to the design allowing for the summer and summer peak's newly combined first and second blocks to remain at the price of the current first block. The remaining block in summer and summer peak, along with the winter price, received a decrease.

Note that individual customer impacts will vary, both on a percentage and absolute dollar basis depending on the actual amount and pattern of energy usage. See the following tables and graphs for E-23 bill impact details based on actual billing data from customers with 12 consecutive months of data ending August 2018.

## List of Figures

<b>Figure 22</b>	Distribution of Proposed Annual Bill Impacts
<b>Figure 23</b>	Customer Class Characteristics by Stratum

Figure 22 Proposed Annual E-23 Customer Account Bill Impacts

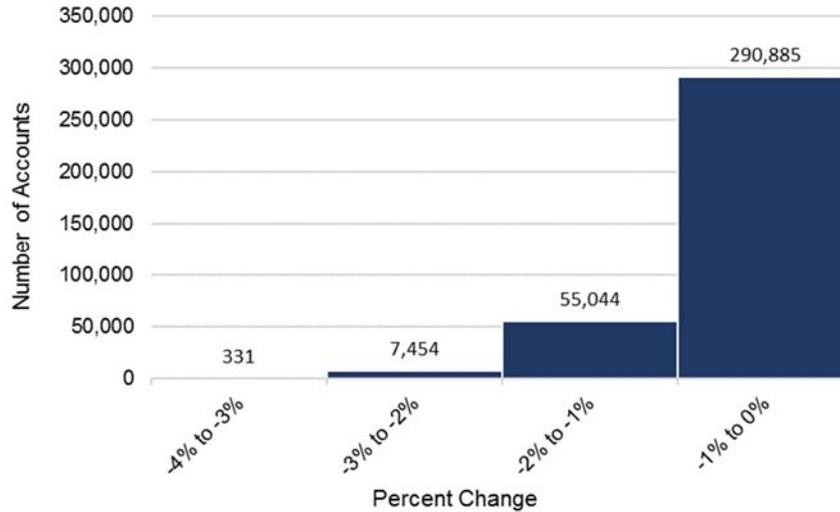


Figure 23 E-23 Customer Class Characteristics

Stratum	Avg. Monthly Summer Gross kWh (Jun-Sep)	% of Accounts	Avg. Annual kWh per Account	Current Avg. Annual Bill	Proposed Avg. Annual Bill	% Change
1	0 – 400	6.6%	3,201	\$528	\$527	-0.2%
2	401 – 850	11.9%	5,950	\$821	\$820	-0.1%
3	851 – 1,300	17.8%	8,841	\$1,125	\$1,122	-0.3%
4	1,301 – 1,800	23.4%	12,062	\$1,460	\$1,453	-0.5%
5	1,801 – 2,600	26.6%	16,581	\$1,936	\$1,920	-0.8%
6	2,600 +	13.7%	26,343	\$2,983	\$2,932	-1.7%

Based on actual billing data from customers with 12 consecutive months of data ending August 2018

## E-24 at a glance

*The largest pre-pay price plan of its kind in North America*

*Prices vary by season, not time of day.*

*Proposed annualized decrease: 2.9%*

# E-24 M-Power

## M-Power Price Plan for Pre-Pay Residential Service

### Overview

SRP's M-Power Program is the largest of its kind in North America. By prepaying for power and using a display unit that provides information on the rate of energy consumption, customers are better able to understand and regulate their use of electricity.

### Key Facts

*Test Year: 2019 Financial Plan, Fiscal Year 2020*

<b>Customer Accounts</b>	158,576
<b>Annual Revenue</b>	\$244.4M (8% of SRP's retail electric revenue)
<b>Annual Usage</b>	1,974,154 MWh (7% of SRP's retail energy sales)

### Proposed Changes

**Annual Impact** -2.9% (-11.8% winter, +2.0% summer, +2.0% summer peak)

- Focused on better aligning prices to E-23 to allow for future consolidation between the two price plans.
- Designed winter prices to equal E-23's winter price.
- Summer and summer peak price designed to fall between E-23's summer and summer peak block prices.
- See Figure 24 for a detailed comparison of the current and proposed E-24 Price Plan

Figure 24 E-24 Pricing Components Detailed Comparison

	<b>Current*</b> <i>May 2018 – April 2019 billing cycle</i>	<b>Proposed</b> <i>May 2019 billing cycle</i>
<b>Monthly Service Charge</b>	<b>\$20.00</b>	<b>\$20.00</b>
<b>Per kWh Charges</b>		
<b>Summer</b>	All kWh	All kWh
Per kWh	\$0.0750	\$0.0854
Transmission Cost Adjustment	\$0.0000	\$0.0000
Environmental Programs Adjustment	\$0.0055	\$0.0000
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0260
<b>Total</b>	<b>\$0.1089</b>	<b>\$0.1114</b>
<b>Summer Peak</b>	All kWh	All kWh
Per kWh	\$0.0820	\$0.0925
Transmission Cost Adjustment	\$0.0000	\$0.0000
Environmental Programs Adjustment	\$0.0055	\$0.0000
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0260
<b>Total</b>	<b>\$0.1159</b>	<b>\$0.1185</b>
<b>Winter</b>	All kWh	All kWh
Per kWh	\$0.0667	\$0.0541
Transmission Cost Adjustment	\$0.0000	\$0.0000
Environmental Programs Adjustment	\$0.0055	\$0.0000
Fuel and Purchased Power Adjustment	\$0.0200	\$0.0241
<b>Total</b>	<b>\$0.0922</b>	<b>\$0.0782</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Pricing Seasons

<b>Summer</b>	May, June, September & October billing cycles
<b>Summer Peak</b>	July & August billing cycles
<b>Winter</b>	November, December, January, February, March & April billing cycles

## [E-26 at a glance](#)

*TOU price plan*

*Prices vary by season and time of day*

*Proposed annualized decrease: 1.3%*

## E-26 TOU

### Standard Price Plan for Residential Time-of-Use Service

#### Overview

The E-26 Time-of-Use Price Plan is designed to pass through SRP's lower cost of providing power in the off-peak periods. On this plan, energy prices vary according to the time of day and season in which energy is consumed.

#### Key Facts\*

*Test Year: 2019 Financial Plan, Fiscal Year 2020*

<b>Customer Accounts</b>	126,466
<b>Annual Revenue</b>	\$262.2M (9% of SRP's retail electric revenue)
<b>Annual Usage</b>	2,416,914 MWh (8% of SRP's retail energy sales)

*\*Includes customers on the E-29 and E-27P price plans*

#### Proposed Changes

**Annual Impact** -1.3% (for all seasons)

- Continue to align price plan components with marginal costs
- Change of summer and summer peak time-of-use hours from 1-8 p.m. to 2-8 p.m. to better reflect cost; no proposed changes to winter time-of-use periods
- See Figure 25 for a detailed comparison of the current and proposed E-26 Price Plan

Figure 25 E-26 Pricing Components Detailed Comparison

<b>Monthly Service Charge</b>	<b>Current*</b> <i>May 2018 – April 2019 billing cycle</i>	<b>Proposed</b> <i>May 2019 billing cycle</i>
Billing and Customer Service	\$13.70	\$17.60
Meter	\$2.10	\$2.04
Distribution Facilities	\$4.20	\$0.36
<b>Total</b>	<b>\$20.00</b>	<b>\$20.00</b>

**Per kWh Charges**

<b>Summer</b>	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
Distribution Delivery	\$0.0611	\$0.0101	\$0.0733	\$0.0085
Transmission	\$0.0400	\$0.0051	\$0.0330	\$0.0037
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0019	\$0.0003	\$0.0049	\$0.0007
Ancillary Services 3-6	\$0.0022	\$0.0003	\$0.0034	\$0.0004
System Benefits	\$0.0007	\$0.0007	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0000	\$0.0000
Generation	\$0.0548	\$0.0223	\$0.0659	\$0.0305
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.1946</b>	<b>\$0.0727</b>	<b>\$0.2094</b>	<b>\$0.0727</b>

<b>Summer Peak</b>	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
Distribution Delivery	\$0.0725	\$0.0102	\$0.0877	\$0.0086
Transmission	\$0.0476	\$0.0051	\$0.0395	\$0.0037
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0024	\$0.0003	\$0.0063	\$0.0007
Ancillary Services 3-6	\$0.0026	\$0.0003	\$0.0040	\$0.0004
System Benefits	\$0.0007	\$0.0007	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0000	\$0.0000
Generation	\$0.0618	\$0.0225	\$0.0745	\$0.0307
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.2215</b>	<b>\$0.0730</b>	<b>\$0.2409</b>	<b>\$0.0730</b>

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Per kWh Charges (continued)	Current*		Proposed	
	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
<b>Winter</b>				
Distribution Delivery	\$0.0227	\$0.0100	\$0.0127	\$0.0074
Transmission	\$0.0156	\$0.0051	\$0.0112	\$0.0037
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0012	\$0.0003	\$0.0027	\$0.0007
Ancillary Services 3-6	\$0.0012	\$0.0003	\$0.0016	\$0.0004
System Benefits	\$0.0007	\$0.0007	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0000	\$0.0000
Generation	\$0.0331	\$0.0272	\$0.0399	\$0.0299
Fuel and Purchased Power Adjustment	\$0.0200	\$0.0200	\$0.0241	\$0.0241
<b>Total</b>	<b>\$0.1000</b>	<b>\$0.0691</b>	<b>\$0.0951</b>	<b>\$0.0691</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Hours

<b>On-Peak</b>	<b>May to October:</b> Weekdays 2-8 p.m. (MST) <b>November to April:</b> Weekdays 5-9 a.m. & 5-9 p.m. (MST)
<b>Off-Peak</b>	<b>Year-Round:</b> All other hours, including six holidays*

\*New Year's Day (observed), Memorial Day (observed), Independence Day (observed), Labor Day, Thanksgiving Day and Christmas Day (observed)

## Pricing Seasons

<b>Summer</b>	May, June, September & October billing cycles
<b>Summer Peak</b>	July & August billing cycles
<b>Winter</b>	November, December, January, February, March & April billing cycles

## Customer Bill Impacts

With every price change, SRP attempts to balance price plan objectives with the impact on customer bills. SRP works to ensure that all customer bill impacts as the result of a price change fall within a reasonable range around the mean. The estimated impacts below assume that customers have proportionally more off-peak usage given the increased number of off-peak hours in the summer and peak seasons.

Note that individual customer impacts will vary, both on a percentage and absolute dollar basis depending on the actual amount and pattern of energy usage. See the following tables and

graphs for E-26 bill impact details based on billing data (supplemented with interval usage data when necessary) from customers with 12 consecutive months of data ending August 2018.

### List of Figures

**Figure 26** Distribution of Proposed Annual Bill Impacts

**Figure 27** Customer Class Characteristics by Stratum

Figure 26 Proposed Annual E-26 Customer Account Bill Impacts

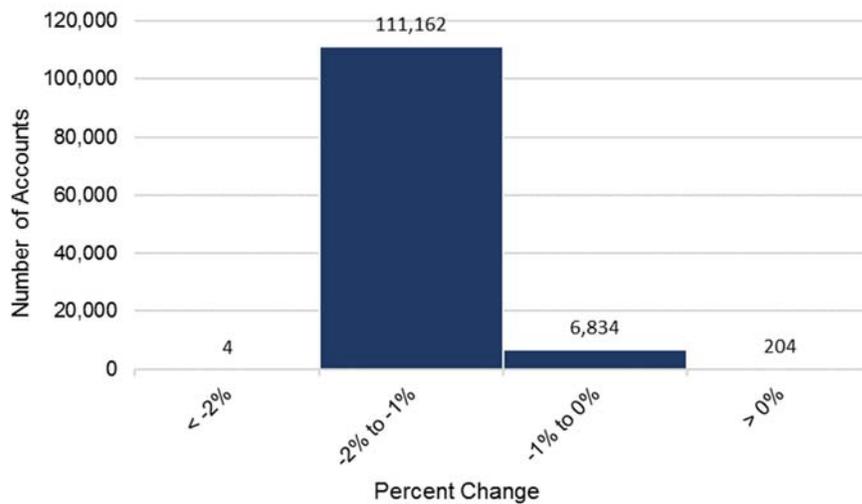


Figure 27 E-26 Customer Class Characteristics

Stratum	Avg. Monthly Summer Gross kWh (Jun-Sep)	% of Accounts	Avg. Annual kWh per Account	Current Avg. Annual Bill	Proposed Avg. Annual Bill	% Change
1	0 – 400	0.8%	3,431	\$545	\$540	-0.9%
2	401 – 850	3.0%	6,363	\$841	\$832	-1.1%
3	851 – 1,300	8.7%	9,243	\$1,140	\$1,126	-1.2%
4	1,301 – 1,800	18.9%	12,698	\$1,484	\$1,465	-1.3%
5	1,801 – 2,600	34.9%	17,680	\$1,962	\$1,936	-1.3%
6	2,600 +	33.7%	27,996	\$2,945	\$2,905	-1.4%

*Based on actual billing data from customers with 12 consecutive months of data ending August 2018 (supplemented with interval usage data when necessary)*

## [E-27 at a glance](#)

*Customer Generation price plan*

*3-part TOU rate that includes a demand component and lower kWh charges*

*Proposed annualized decrease: 0.9%*

# E-27 Customer Generation

## Customer Generation Price Plan for Residential Service

### Overview

The E-27 Customer Generation Price Plan is designed for residential customers with on-site generation who do not purchase all of their energy requirements from SRP. This rate is billed based on kW and net kWh, and includes a monthly service charge that is better aligned with marginal cost. Service under this plan is required for distributed generation customers, except those who (A) installed distributed generation on or before December 8<sup>th</sup>, 2014, or otherwise qualify for exemption under the terms of the plan, or (B) participate instead in E-13, E-14, or E-15.

### Key Facts

*Test Year: 2019 Financial Plan, Fiscal Year 2020*

<b>Customer Accounts</b>	5,647
<b>Annual Revenue</b>	\$7.6M (0.3% of SRP's retail electric revenue)
<b>Annual Net Usage</b>	39,770 MWh (0.1% of SRP's retail net energy sales)
<b>Annual Delivered Usage</b>	67,242 MWh (0.5% of SRP's retail delivered energy sales)

### Proposed Changes

**Annual Impact** -0.9% (-0.6% winter, -1.0% summer, -0.9% summer peak)

- Change of summer and summer peak time-of-use hours from 1-8 p.m. to 2-8 p.m. to better reflect cost; no proposed changes to winter time-of-use periods
- Distributed generation customers require two meters to record power flow to and from the residence and the distributed energy system. This additional meter expense is being collected in the distribution facilities component of the monthly service charge.
- See Figure 28 for a detailed comparison of the current and proposed E-27 Price Plan

Figure 28 E-27 Pricing Components Detailed Comparison

Monthly Service Charge	Current* May 2018 – April 2019 billing cycle		Proposed May 2019 billing cycle	
	Amp Service 0-200	Amp Service 200+	Amp Service 0-200	Amp Service 200+
Billing and Customer Service	\$13.70	\$13.70	\$17.60	\$17.60
Meter	\$2.10	\$2.10	\$2.04	\$2.04
Distribution Facilities	\$16.64	\$29.64	\$12.80	\$25.80
<b>Total</b>	<b>\$32.44</b>	<b>\$45.44</b>	<b>\$32.44</b>	<b>\$45.44</b>

## Per kW Charges (On-Peak)

Summer	First 3 kW	Next 7 kW	All Add'l kW	First 3 kW	Next 7 kW	All Add'l kW
Distribution Delivery	\$2.70	\$4.83	\$9.58	\$2.88	\$5.07	\$10.29
Transmission	\$1.93	\$3.51	\$6.66	\$0.98	\$1.78	\$3.40
Transmission Cost Adjustment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Ancillary Services 1-2	\$0.09	\$0.18	\$0.35	\$0.00	\$0.00	\$0.00
System Benefits	\$0.09	\$0.18	\$0.34	\$0.00	\$0.00	\$0.00
Environmental Programs Adjustment	\$0.77	\$1.38	\$2.62	\$0.00	\$0.00	\$0.00
Generation	\$2.45	\$4.55	\$8.22	\$4.03	\$7.52	\$13.59
<b>Total</b>	<b>\$8.03</b>	<b>\$14.63</b>	<b>\$27.77</b>	<b>\$7.89</b>	<b>\$14.37</b>	<b>\$27.28</b>

Summer Peak	First 3 kW	Next 7 kW	All Add'l kW	First 3 kW	Next 7 kW	All Add'l kW
Distribution Delivery	\$2.79	\$5.05	\$10.40	\$3.00	\$5.33	\$11.30
Transmission	\$2.57	\$4.77	\$9.11	\$1.28	\$2.40	\$4.59
Transmission Cost Adjustment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Ancillary Services 1-2	\$0.13	\$0.25	\$0.49	\$0.00	\$0.00	\$0.00
System Benefits	\$0.12	\$0.21	\$0.36	\$0.00	\$0.00	\$0.00
Environmental Programs Adjustment	\$0.88	\$1.64	\$3.16	\$0.00	\$0.00	\$0.00
Generation	\$3.10	\$5.90	\$10.67	\$5.15	\$9.78	\$17.70
<b>Total</b>	<b>\$9.59</b>	<b>\$17.82</b>	<b>\$34.19</b>	<b>\$9.43</b>	<b>\$17.51</b>	<b>\$33.59</b>

Winter	First 3 kW	Next 7 kW	All Add'l kW	First 3 kW	Next 7 kW	All Add'l kW
Distribution Delivery	\$0.31	\$0.52	\$0.98	\$0.66	\$1.05	\$1.98
Transmission	\$0.96	\$1.56	\$2.68	\$0.48	\$0.78	\$1.20
Transmission Cost Adjustment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Ancillary Services 1-2	\$0.06	\$0.11	\$0.19	\$0.00	\$0.00	\$0.00
System Benefits	\$0.08	\$0.15	\$0.21	\$0.00	\$0.00	\$0.00
Environmental Programs Adjustment	\$0.72	\$1.09	\$1.84	\$0.00	\$0.00	\$0.00
Generation	\$1.42	\$2.25	\$3.84	\$2.35	\$3.75	\$6.39
<b>Total</b>	<b>\$3.55</b>	<b>\$5.68</b>	<b>\$9.74</b>	<b>\$3.49</b>	<b>\$5.58</b>	<b>\$9.57</b>

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Per kWh Charges	Current*		Proposed	
	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
<b>Summer</b>				
Ancillary Services 1-2	\$0.0000	\$0.0000	\$0.0041	\$0.0010
Ancillary Services 3-6	\$0.0022	\$0.0003	\$0.0047	\$0.0007
System Benefits	\$0.0000	\$0.0000	\$0.0029	\$0.0029
Generation	\$0.0169	\$0.0073	\$0.0085	\$0.0054
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.0475</b>	<b>\$0.0360</b>	<b>\$0.0462</b>	<b>\$0.0360</b>
<b>Summer Peak</b>				
Ancillary Services 1-2	\$0.0000	\$0.0000	\$0.0109	\$0.0010
Ancillary Services 3-6	\$0.0026	\$0.0003	\$0.0058	\$0.0007
System Benefits	\$0.0000	\$0.0000	\$0.0029	\$0.0029
Generation	\$0.0312	\$0.0125	\$0.0166	\$0.0106
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.0622</b>	<b>\$0.0412</b>	<b>\$0.0622</b>	<b>\$0.0412</b>
<b>Winter</b>				
Ancillary Services 1-2	\$0.0000	\$0.0000	\$0.0030	\$0.0010
Ancillary Services 3-6	\$0.0012	\$0.0003	\$0.0026	\$0.0007
System Benefits	\$0.0000	\$0.0000	\$0.0029	\$0.0029
Generation	\$0.0198	\$0.0167	\$0.0084	\$0.0083
Fuel and Purchased Power Adjustment	\$0.0200	\$0.0200	\$0.0241	\$0.0241
<b>Total</b>	<b>\$0.0410</b>	<b>\$0.0370</b>	<b>\$0.0410</b>	<b>\$0.0370</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Hours

<b>On-Peak</b>	<b>May to October:</b> Weekdays 2-8 p.m. (MST) <b>November to April:</b> Weekdays 5-9 a.m. & 5-9 p.m. (MST)
<b>Off-Peak</b>	<b>Year-Round:</b> All other hours, including six holidays*

\*New Year's Day (observed), Memorial Day (observed), Independence Day (observed), Labor Day, Thanksgiving Day and Christmas Day (observed)

## Pricing Seasons

<b>Summer</b>	May, June, September & October billing cycles
<b>Summer Peak</b>	July & August billing cycles
<b>Winter</b>	November, December, January, February, March & April billing cycles

### Customer Bill Impacts

With every price change, SRP attempts to balance price plan objectives with the impact on customer bills. SRP works to ensure that all customer bill impacts as the result of a price change fall within a reasonable range around the mean. Estimated impacts below assume that customers have proportionally more off-peak usage given the increased number of off-peak hours in the summer and peak seasons.

Note that individual customer impacts will vary, both on a percentage and absolute dollar basis depending on the actual amount and pattern of energy usage. See the following tables and graphs for E-27 bill impact details based on interval usage data from customers with 12 consecutive months of data ending August 2018.

### List of Figures

- Figure 29**      Distribution of Proposed Annual Bill Impacts
- Figure 30**      Customer Class Characteristics by Stratum

Figure 29 Proposed Annual E-27 Customer Account Bill Impacts

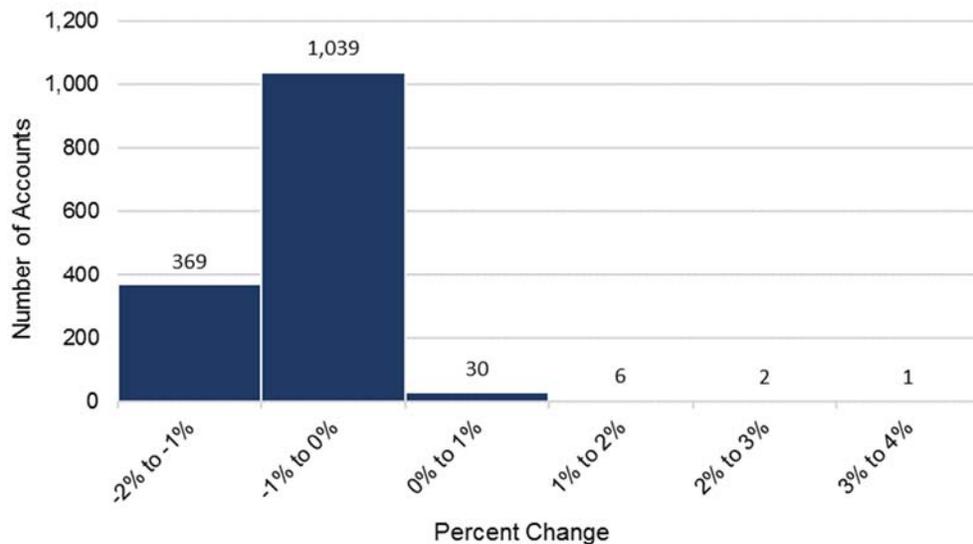


Figure 30 E-27 Customer Class Characteristics

Stratum	Avg. Monthly Summer Gross kWh (Jun-Sep)	% of Accounts	Avg. Annual kWh per Account	Current Avg. Annual Bill	Proposed Avg. Annual Bill	% Change
1	0 – 400	0.1%	4,904	\$650	\$647	-0.3%
2	401 – 850	1.1%	7,089	\$743	\$740	-0.3%
3	851 – 1,300	4.7%	8,765	\$841	\$837	-0.5%
4	1,301 – 1,800	20.7%	12,520	\$1,098	\$1,090	-0.7%
5	1,801 – 2,600	41.3%	17,099	\$1,348	\$1,337	-0.8%
6	2,600 +	32.2%	26,710	\$1,910	\$1,892	-0.9%

*Based on interval usage data from customers with 12 consecutive months of data ending August 2018*

[E-13 at a glance](#)

*New Customer  
Generation price plan*

*Prices vary by season  
and time of day*

*Energy exported  
purchased at an  
“export rate”*

## E-13 Customer Generation TOU Export

### Customer Generation Time-of-Use Export Price Plan for Residential Service

#### Overview

The E-13 Customer Generation Time-of-Use Export Price Plan provides distributed generation customers with an energy-only, non-demand Time-of-Use price plan, with the same TOU hours as the proposed E-26 TOU Price Plan. Based on E-27 usage characteristics, Management assumes customers on the E-13 price plan will have similar cost of service and associated revenue requirements. As such, the rate is designed to generate the same amount of overall revenues as the E-27 price plan based on the usage characteristics of customers on that price plan. However, due to individual usage patterns, customer bills will vary when compared directly to their bills under the E-27 price plan. E-13 has the following features:

- Monthly service charge equal to the monthly service charge of the E-27 Price Plan
- Energy that is instantaneously delivered to the customer is billed based on the prices below, which equal the proposed per-kWh prices on the E-26 Price Plan
- SRP will purchase any energy exported instantaneously from the customer to the grid. SRP will credit the customer for such generation at an “export rate”, which equals an amount reflective of the recent cost of new utility scale solar generation, plus an increase for line and transformation losses associated with the transmission and distribution systems to reflect the local nature of the generation. This expense will be recovered in the FPPAM.
- Distributed generation customers require two meters to record power flow to and from the residence and the distributed energy system. This additional meter expense is being collected in the distribution facilities component of the monthly service charge.
- See Figure 31 for the proposed E-13 Price Plan.

Figure 31 E-13 Pricing Components Detailed Comparison

<b>Proposed</b>		
<i>May 2019 billing cycle</i>		
<b>Monthly Service Charge</b>	Amp Service 0-200	Amp Service 200+
Billing and Customer Service	\$17.60	\$17.60
Meter	\$2.04	\$2.04
Distribution Facilities	\$12.80	\$25.80
<b>Total</b>	<b>\$32.44</b>	<b>\$45.44</b>

**Per kWh Charges**

<b>Summer</b>	On-Peak kWh	Off-Peak kWh
Distribution Delivery	\$0.0733	\$0.0085
Transmission	\$0.0330	\$0.0037
Transmission Cost Adjustment	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0049	\$0.0007
Ancillary Services 3-6	\$0.0034	\$0.0004
System Benefits	\$0.0029	\$0.0029
Generation	\$0.0659	\$0.0305
Fuel and Purchased Power Adjustment	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.2094</b>	<b>\$0.0727</b>

<b>Summer Peak</b>	On-Peak kWh	Off-Peak kWh
Distribution Delivery	\$0.0877	\$0.0086
Transmission	\$0.0395	\$0.0037
Transmission Cost Adjustment	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0063	\$0.0007
Ancillary Services 3-6	\$0.0040	\$0.0004
System Benefits	\$0.0029	\$0.0029
Generation	\$0.0745	\$0.0307
Fuel and Purchased Power Adjustment	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.2409</b>	<b>\$0.0730</b>

*(Continued on next page)*

Per kWh Charges (continued)	Proposed	
	On-Peak kWh	Off-Peak kWh
<b>Winter</b>		
Distribution Delivery	\$0.0127	\$0.0074
Transmission	\$0.0112	\$0.0037
Transmission Cost Adjustment	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0027	\$0.0007
Ancillary Services 3-6	\$0.0016	\$0.0004
System Benefits	\$0.0029	\$0.0029
Generation	\$0.0399	\$0.0299
Fuel and Purchased Power Adjustment	\$0.0241	\$0.0241
<b>Total</b>	<b>\$0.0951</b>	<b>\$0.0691</b>

Per Exported kWh Credit	
All kWh Delivered to SRP	<b>\$0.0281</b>

## Hours

<b>On-Peak</b>	<b>May to October:</b> Weekdays 2-8 p.m. (MST) <b>November to April:</b> Weekdays 5-9 a.m. & 5-9 p.m. (MST)
<b>Off-Peak</b>	<b>Year-Round:</b> All other hours, including six holidays*

\*New Year's Day (observed), Memorial Day (observed), Independence Day (observed), Labor Day, Thanksgiving Day and Christmas Day (observed)

## Pricing Seasons

<b>Summer</b>	May, June, September & October billing cycles
<b>Summer Peak</b>	July & August billing cycles
<b>Winter</b>	November, December, January, February, March & April billing cycles

[E-14 at a glance](#)

*New Customer  
Generation price plan*

*Includes super off-  
peak hours for EV  
charging*

*Prices vary by season  
and time of day*

## E-14 Customer Generation EV Export

### Residential Customer Generation Electric Vehicle Export Price Plan

#### Overview

The E-14 Customer Generation Electric Vehicle Export Price Plan provides distributed generation customers with an EV with an energy-only, non-demand Time-of-Use price plan, with the same TOU hours as the proposed E-29 TOU Price Plan for EVs. Based on E-27 usage characteristics, Management assumes customers on the E-14 price plan will have similar cost of service and associated revenue requirements. As such, the rate is designed to generate the same amount of overall revenues as the E-27 Price Plan based on the usage characteristics of customers on that price plan. However, due to individual usage patterns, customer bills will vary when compared directly to their bills under the E-27 price plan. E-14 has the following features:

- Monthly service charge equal to the monthly service charge of the E-27 Price Plan
- Energy that is instantaneously delivered to the customer is billed based on the prices below, currently set equal to the proposed per-kWh prices on the E-29 Price Plan
- SRP will purchase any energy exported instantaneously from the customer to the grid. SRP will credit the customer for such generation at an “export rate”, which equals an amount reflective of the recent cost of new utility scale solar generation, plus an increase for line and transformation losses associated with the transmission and distribution systems to reflect the local nature of the generation. This expense will be recovered in the FPPAM.
- Distributed generation customers require two meters to record power flow to and from the residence and the distributed energy system. This additional meter expense is being collected in the distribution facilities component of the monthly service charge.
- See Figure 32 for the proposed E-14 Price Plan.

Figure 32 E-14 Pricing Components Detailed Comparison

<b>Proposed</b>		
<i>May 2019 billing cycle</i>		
<b>Monthly Service Charge</b>	Amp Service 0-200	Amp Service 200+
Billing and Customer Service	\$17.60	\$17.60
Meter	\$2.04	\$2.04
Distribution Facilities	\$12.80	\$25.80
<b>Total</b>	<b>\$32.44</b>	<b>\$45.44</b>

**Per kWh Charges****Summer**

	On-Peak kWh	Off-Peak kWh	Super Off-Peak
Distribution Delivery	\$0.0733	\$0.0085	\$0.0085
Transmission	\$0.0330	\$0.0037	\$0.0037
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0049	\$0.0007	\$0.0007
Ancillary Services 3-6	\$0.0034	\$0.0004	\$0.0004
System Benefits	\$0.0029	\$0.0029	\$0.0029
Generation	\$0.0659	\$0.0343	\$0.0189
Fuel and Purchased Power Adjustment	\$0.0260	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.2094</b>	<b>\$0.0765</b>	<b>\$0.0611</b>

**Summer Peak**

	On-Peak kWh	Off-Peak kWh	Super Off-Peak
Distribution Delivery	\$0.0877	\$0.0086	\$0.0086
Transmission	\$0.0395	\$0.0037	\$0.0037
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0063	\$0.0007	\$0.0007
Ancillary Services 3-6	\$0.0040	\$0.0004	\$0.0004
System Benefits	\$0.0029	\$0.0029	\$0.0029
Generation	\$0.0745	\$0.0347	\$0.0191
Fuel and Purchased Power Adjustment	\$0.0260	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.2409</b>	<b>\$0.0770</b>	<b>\$0.0614</b>

**Winter**

	On-Peak kWh	Off-Peak kWh	Super Off-Peak
Distribution Delivery	\$0.0127	\$0.0074	\$0.0074
Transmission	\$0.0112	\$0.0037	\$0.0037
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0027	\$0.0007	\$0.0007
Ancillary Services 3-6	\$0.0016	\$0.0004	\$0.0004
System Benefits	\$0.0029	\$0.0029	\$0.0029
Generation	\$0.0399	\$0.0345	\$0.0183
Fuel and Purchased Power Adjustment	\$0.0241	\$0.0241	\$0.0241
<b>Total</b>	<b>\$0.0951</b>	<b>\$0.0737</b>	<b>\$0.0575</b>

*(continued on next page)*

**Per Exported kWh Credit**

All kWh Delivered to SRP	\$0.0281
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**Hours**

<b>On-Peak</b>	<b>May to October:</b> Weekdays 2-8 p.m. (MST) <b>November to April:</b> Weekdays 5-9 a.m. & 5-9 p.m. (MST)
<b>Super Off-Peak</b>	<b>Year-Round:</b> Daily 11 p.m-5 a.m. (MST)
<b>Off-Peak</b>	<b>Year-Round:</b> All other hours, including six holidays*

\*New Year's Day (observed), Memorial Day (observed), Independence Day (observed), Labor Day, Thanksgiving Day and Christmas Day (observed)

**Pricing Seasons**

<b>Summer</b>	May, June, September & October billing cycles
<b>Summer Peak</b>	July & August billing cycles
<b>Winter</b>	November, December, January, February, March & April billing cycles

[E-15 at a glance](#)

*New Customer  
Generation price plan*

*Alternative to E-27  
Price Plan*

*Bill based on kW and  
net kWh*

## E-15 Customer Generation Average Demand

### Customer Generation Average Demand Price Plan for Residential Service

#### Overview

The E-15 Customer Generation Average Demand Price Plan is an optional Time-of-Use price plan, similar to the proposed E-27 Price Plan, with the following exception:

- The demand charge is based on an average of the daily on-peak maximum demands
- Distributed generation customers require two meters to record power flow to and from the residence and the distributed energy system. This additional meter expense is collected in the distribution facilities component of the monthly service charge.

This price plan is designed to provide customers with an alternative to the current E-27 Price Plan. Like E-27, it is billed based on kW and net kWh. Based on E-27 usage characteristics, Management assumes customers on the E-15 price plan will have similar cost of service and associated revenue requirements. As such, the rate is designed to generate the same amount of overall revenues as the E-27 Price Plan based on the usage characteristics of customers on that price plan. However, due to individual usage patterns, customer bills will vary when compared directly to their bills under the E-27 price plan. The mechanics of this price plan allow for customers to manage their on-peak maximum demand on a daily basis. Unlike the E-27 Price Plan, the monthly billed demand will be based on the average of the daily on-peak maximum demands.

See Figure 33 for the proposed E-15 Price Plan.

Figure 33 E-15 Pricing Components Detailed Comparison

**Proposed**  
*May 2019 billing cycle*

<b>Monthly Service Charge</b>	Amp Service 0-200	Amp Service 200+
Billing and Customer Service	\$17.60	\$17.60
Meter	\$2.04	\$2.04
Distribution Facilities	\$12.80	\$25.80
<b>Total</b>	<b>\$32.44</b>	<b>\$45.44</b>

**Per kW Charges (Average On-Peak Daily kW)****Summer**

	Average kW
Distribution Delivery	\$5.02
Transmission	\$2.31
Transmission Cost Adjustment	\$0.00
Generation	\$11.96
<b>Total</b>	<b>\$19.29</b>

**Summer Peak**

	Average kW
Distribution Delivery	\$6.35
Transmission	\$3.09
Transmission Cost Adjustment	\$0.00
Generation	\$12.50
<b>Total</b>	<b>\$21.94</b>

**Winter**

	Average kW
Distribution Delivery	\$3.04
Transmission	\$1.14
Transmission Cost Adjustment	\$0.00
Generation	\$3.95
<b>Total</b>	<b>\$8.13</b>

*(Continued on next page)*

Per kWh Charges		Proposed	
<b>Summer</b>		On-Peak kWh	Off-Peak kWh
Ancillary Services 1-2		\$0.0041	\$0.0010
Ancillary Services 3-6		\$0.0047	\$0.0007
System Benefits		\$0.0029	\$0.0029
Generation		\$0.0085	\$0.0054
Fuel and Purchased Power Adjustment		\$0.0260	\$0.0260
<b>Total</b>		<b>\$0.0462</b>	<b>\$0.0360</b>
<b>Summer Peak</b>		On-Peak kWh	Off-Peak kWh
Ancillary Services 1-2		\$0.0109	\$0.0010
Ancillary Services 3-6		\$0.0058	\$0.0007
System Benefits		\$0.0029	\$0.0029
Generation		\$0.0166	\$0.0106
Fuel and Purchased Power Adjustment		\$0.0260	\$0.0260
<b>Total</b>		<b>\$0.0622</b>	<b>\$0.0412</b>
<b>Winter</b>		On-Peak kWh	Off-Peak kWh
Ancillary Services 1-2		\$0.0030	\$0.0010
Ancillary Services 3-6		\$0.0026	\$0.0007
System Benefits		\$0.0029	\$0.0029
Generation		\$0.0084	\$0.0083
Fuel and Purchased Power Adjustment		\$0.0241	\$0.0241
<b>Total</b>		<b>\$0.0410</b>	<b>\$0.0370</b>

## Hours

<b>On-Peak</b>	<b>May to October:</b> Weekdays 2-8 p.m. (MST) <b>November to April:</b> Weekdays 5-9 a.m. & 5-9 p.m. (MST)
<b>Off-Peak</b>	<b>Year-Round:</b> All other hours, including six holidays*

\*New Year's Day (observed), Memorial Day (observed), Independence Day (observed), Labor Day, Thanksgiving Day and Christmas Day (observed)

## Pricing Seasons

<b>Summer</b>	May, June, September & October billing cycles
<b>Summer Peak</b>	July & August billing cycles
<b>Winter</b>	November, December, January, February, March & April billing cycles

## [E-27 P at a glance](#)

*Prices based on  
Customer Generation  
Price Plan*

*3-part TOU rate that  
includes a demand  
component and lower  
kWh charges*

# Pilot E-27 P Demand

## Pilot Price Plan for Residential Demand Rate Service

### Overview

This price plan provides full-requirements residential customers with an optional price plan that includes a demand charge. Its prices are based on those of the E-27 Customer Generation Price Plan.

### Proposed Changes

- Changes to E-27 P are consistent with changes to E-27
- See Figure 34 for a detailed comparison of the current and proposed E-27 P Price Plan

Figure 34 E-27 P Pricing Components Detailed Comparison

Monthly Service Charge	Current*		Proposed	
	May 2018 – April 2019 billing cycle		May 2019 billing cycle	
	Amp Service 0-200	Amp Service 200+	Amp Service 0-200	Amp Service 200+
Billing and Customer Service	\$13.70	\$13.70	\$17.60	\$17.60
Meter	\$2.10	\$2.10	\$2.04	\$2.04
Distribution Facilities	\$16.64	\$29.64	\$12.80	\$25.80
<b>Total</b>	<b>\$32.44</b>	<b>\$45.44</b>	<b>\$32.44</b>	<b>\$45.44</b>

## Per kW Charges (On-Peak)

Summer	May 2018 – April 2019 billing cycle			May 2019 billing cycle		
	First 3 kW	Next 7 kW	All Add'l kW	First 3 kW	Next 7 kW	All Add'l kW
Distribution Delivery	\$2.70	\$4.83	\$9.58	\$2.88	\$5.07	\$10.29
Transmission	\$1.93	\$3.51	\$6.66	\$0.98	\$1.78	\$3.40
Transmission Cost Adjustment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Ancillary Services 1-2	\$0.09	\$0.18	\$0.35	\$0.00	\$0.00	\$0.00
System Benefits	\$0.09	\$0.18	\$0.34	\$0.00	\$0.00	\$0.00
Environmental Programs Adjustment	\$0.77	\$1.38	\$2.62	\$0.00	\$0.00	\$0.00
Generation	\$2.45	\$4.55	\$8.22	\$4.03	\$7.52	\$13.59
<b>Total</b>	<b>\$8.03</b>	<b>\$14.63</b>	<b>\$27.77</b>	<b>\$7.89</b>	<b>\$14.37</b>	<b>\$27.28</b>

Summer Peak	May 2018 – April 2019 billing cycle			May 2019 billing cycle		
	First 3 kW	Next 7 kW	All Add'l kW	First 3 kW	Next 7 kW	All Add'l kW
Distribution Delivery	\$2.79	\$5.05	\$10.40	\$3.00	\$5.33	\$11.30
Transmission	\$2.57	\$4.77	\$9.11	\$1.28	\$2.40	\$4.59
Transmission Cost Adjustment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Ancillary Services 1-2	\$0.13	\$0.25	\$0.49	\$0.00	\$0.00	\$0.00
System Benefits	\$0.12	\$0.21	\$0.36	\$0.00	\$0.00	\$0.00
Environmental Programs Adjustment	\$0.88	\$1.64	\$3.16	\$0.00	\$0.00	\$0.00
Generation	\$3.10	\$5.90	\$10.67	\$5.15	\$9.78	\$17.70
<b>Total</b>	<b>\$9.59</b>	<b>\$17.82</b>	<b>\$34.19</b>	<b>\$9.43</b>	<b>\$17.51</b>	<b>\$33.59</b>

Winter	May 2018 – April 2019 billing cycle			May 2019 billing cycle		
	First 3 kW	Next 7 kW	All Add'l kW	First 3 kW	Next 7 kW	All Add'l kW
Distribution Delivery	\$0.31	\$0.52	\$0.98	\$0.66	\$1.05	\$1.98
Transmission	\$0.96	\$1.56	\$2.68	\$0.48	\$0.78	\$1.20
Transmission Cost Adjustment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Ancillary Services 1-2	\$0.06	\$0.11	\$0.19	\$0.00	\$0.00	\$0.00
System Benefits	\$0.08	\$0.15	\$0.21	\$0.00	\$0.00	\$0.00
Environmental Programs Adjustment	\$0.72	\$1.09	\$1.84	\$0.00	\$0.00	\$0.00
Generation	\$1.42	\$2.25	\$3.84	\$2.35	\$3.75	\$6.39
<b>Total</b>	<b>\$3.55</b>	<b>\$5.68</b>	<b>\$9.74</b>	<b>\$3.49</b>	<b>\$5.58</b>	<b>\$9.57</b>

(Continued on next page)

Per kWh Charges	Current*		Proposed	
	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
<b>Summer</b>				
Ancillary Services 1-2	\$0.0000	\$0.0000	\$0.0041	\$0.0010
Ancillary Services 3-6	\$0.0022	\$0.0003	\$0.0047	\$0.0007
System Benefits	\$0.0000	\$0.0000	\$0.0029	\$0.0029
Generation	\$0.0169	\$0.0073	\$0.0085	\$0.0054
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.0475</b>	<b>\$0.0360</b>	<b>\$0.0462</b>	<b>\$0.0360</b>

Summer Peak	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
	Ancillary Services 1-2	\$0.0000	\$0.0000	\$0.0109
Ancillary Services 3-6	\$0.0026	\$0.0003	\$0.0058	\$0.0007
System Benefits	\$0.0000	\$0.0000	\$0.0029	\$0.0029
Generation	\$0.0312	\$0.0125	\$0.0166	\$0.0106
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.0622</b>	<b>\$0.0412</b>	<b>\$0.0622</b>	<b>\$0.0412</b>

Winter	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
	Ancillary Services 1-2	\$0.0000	\$0.0000	\$0.0030
Ancillary Services 3-6	\$0.0012	\$0.0003	\$0.0026	\$0.0007
System Benefits	\$0.0000	\$0.0000	\$0.0029	\$0.0029
Generation	\$0.0198	\$0.0167	\$0.0084	\$0.0083
Fuel and Purchased Power Adjustment	\$0.0200	\$0.0200	\$0.0241	\$0.0241
<b>Total</b>	<b>\$0.0410</b>	<b>\$0.0370</b>	<b>\$0.0410</b>	<b>\$0.0370</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Hours

<b>On-Peak</b>	<b>May to October:</b> Weekdays 2-8 p.m. (MST) <b>November to April:</b> Weekdays 5-9 a.m. & 5-9 p.m. (MST)
<b>Off-Peak</b>	<b>Year-Round:</b> All other hours, including six holidays*

\*New Year's Day (observed), Memorial Day (observed), Independence Day (observed), Labor Day, Thanksgiving Day and Christmas Day (observed)

## Pricing Seasons

<b>Summer</b>	May, June, September & October billing cycles
<b>Summer Peak</b>	July & August billing cycles
<b>Winter</b>	November, December, January, February, March & April billing cycles

[E-28 at a glance](#)

*There are currently no customers on the E-28 price plan*

*Customer impacts would be similar to those under E-26*

## E-28 M-Power TOU

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### M-Power Price Plan for Residential Pre-Pay Time-of-Use Service

#### Overview

As of August 2018, no residential customers were served under the E-28 (M-Power Time-of-Use) Price Plan.

#### Proposed Changes

- Changes to the E-28 Price Plan are consistent with changes to the E-26 Price Plan.
- See Figure 35 for a detailed comparison of the current and proposed E-28 Price Plan.

Figure 35 E-28 Pricing Components Detailed Comparison

	<b>Current*</b> <i>May 2018 – April 2019 billing cycle</i>	<b>Proposed</b> <i>May 2019 billing cycle</i>
<b>Monthly Service Charge</b>	<b>\$20.00</b>	<b>\$20.00</b>

The monthly service charge will be collected throughout the month via hourly or periodic deductions from the account balance

**Per kWh Charges**

<b>Summer</b>	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
Per kWh	\$0.1607	\$0.0388	\$0.1834	\$0.0467
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0000	\$0.0000
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.1946</b>	<b>\$0.0727</b>	<b>\$0.2094</b>	<b>\$0.0727</b>

<b>Summer Peak</b>	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
Per kWh	\$0.1876	\$0.0391	\$0.2149	\$0.0470
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0000	\$0.0000
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.2215</b>	<b>\$0.0730</b>	<b>\$0.2409</b>	<b>\$0.0730</b>

<b>Winter</b>	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
Per kWh	\$0.0745	\$0.0436	\$0.0710	\$0.0450
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0000	\$0.0000
Fuel and Purchased Power Adjustment	\$0.0200	\$0.0200	\$0.0241	\$0.0241
<b>Total</b>	<b>\$0.1000</b>	<b>\$0.0691</b>	<b>\$0.0951</b>	<b>\$0.0691</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

**Hours**

<b>On-Peak</b>	<b>May to October:</b> Weekdays 2-8 p.m. (MST) <b>November to April:</b> Weekdays 5-9 a.m. & 5-9 p.m. (MST)
<b>Off-Peak</b>	<b>Year-Round:</b> All other hours, including six holidays*

\*New Year's Day (observed), Memorial Day (observed), Independence Day (observed), Labor Day, Thanksgiving Day and Christmas Day (observed)

### **Pricing Seasons**

<b>Summer</b>	May, June, September & October billing cycles
<b>Summer Peak</b>	July & August billing cycles
<b>Winter</b>	November, December, January, February, March & April billing cycles

### **Customer Bill Impacts**

There are currently no customers on the E-28 Price Plan. Customer impacts would be similar to those under the proposed E-26 Price Plan. Note that individual customer impacts will vary, both on a percentage and absolute dollar basis depending on the actual amount and pattern of energy usage.

**E-29 at a glance**

*For customers who own or lease highway plug-in hybrid or battery EVs*

*Prices vary by season and time of day*

**E-29 EV****Residential Electric Vehicle Price Plan****Overview**

This Electric Vehicle Price Plan, currently offered as an experimental price plan, is similar to E-26, with identical pricing seasons and on-peak TOU periods. However, the EV TOU price plan splits the off-peak period into an off-peak and a super off-peak period that occurs daily from 11 p.m. to 5 a.m.

The plan is designed to pass through SRP's lower cost of providing power in the super off-peak period to encourage customers to charge their EVs during that time and examine whether this offering can help manage SRP's system load.

**Proposed Changes**

- Continue to align price plan components with marginal costs
- Change of summer and summer peak time-of-use hours from 1-8 p.m. to 2-8 p.m. to better reflect cost; no proposed changes to winter time-of-use periods
- Management proposes making E-29 a standard offer price plan and removing the participation cap.
- See Figure 36 for a detailed comparison of the current and proposed E-29 Price Plan

Figure 36 E-29 Pricing Components Detailed Comparison

<b>Monthly Service Charge</b>	<b>Current*</b> <i>May 2018 – April 2019 billing cycle</i>	<b>Proposed</b> <i>May 2019 billing cycle</i>
Billing and Customer Service	\$13.70	\$17.60
Meter	\$2.10	\$2.04
Distribution Facilities	\$4.20	\$0.36
<b>Total</b>	<b>\$20.00</b>	<b>\$20.00</b>

<b>Per kWh Charges Summer</b>	On-Peak kWh	Off-Peak kWh	Super Off- Peak kWh	On-Peak kWh	Off-Peak kWh	Super Off- Peak kWh
Distribution Delivery	\$0.0611	\$0.0101	\$0.0101	\$0.0733	\$0.0085	\$0.0085
Transmission	\$0.0400	\$0.0051	\$0.0051	\$0.0330	\$0.0037	\$0.0037
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0019	\$0.0003	\$0.0003	\$0.0049	\$0.0007	\$0.0007
Ancillary Services 3-6	\$0.0022	\$0.0003	\$0.0003	\$0.0034	\$0.0004	\$0.0004
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0548	\$0.0261	\$0.0112	\$0.0659	\$0.0343	\$0.0189
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0284	\$0.0260	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.1946</b>	<b>\$0.0765</b>	<b>\$0.0616</b>	<b>\$0.2094</b>	<b>\$0.0765</b>	<b>\$0.0611</b>

<b>Summer Peak</b>	On-Peak kWh	Off-Peak kWh	Super Off- Peak kWh	On-Peak kWh	Off-Peak kWh	Super Off- Peak kWh
Distribution Delivery	\$0.0725	\$0.0102	\$0.0102	\$0.0877	\$0.0086	\$0.0086
Transmission	\$0.0476	\$0.0051	\$0.0051	\$0.0395	\$0.0037	\$0.0037
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0024	\$0.0003	\$0.0003	\$0.0063	\$0.0007	\$0.0007
Ancillary Services 3-6	\$0.0026	\$0.0003	\$0.0003	\$0.0040	\$0.0004	\$0.0004
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0618	\$0.0265	\$0.0114	\$0.0745	\$0.0347	\$0.0191
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0284	\$0.0260	\$0.0260	\$0.0260
<b>Total</b>	<b>\$0.2215</b>	<b>\$0.0770</b>	<b>\$0.0619</b>	<b>\$0.2409</b>	<b>\$0.0770</b>	<b>\$0.0614</b>

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Per kWh Charges (continued)	Current*			Proposed		
	On-Peak kWh	Off-Peak kWh	Super Off-Peak kWh	On-Peak kWh	Off-Peak kWh	Super Off-Peak kWh
<b>Winter</b>						
Distribution Delivery	\$0.0227	\$0.0100	\$0.0100	\$0.0127	\$0.0074	\$0.0074
Transmission	\$0.0156	\$0.0051	\$0.0051	\$0.0112	\$0.0037	\$0.0037
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0012	\$0.0003	\$0.0003	\$0.0027	\$0.0007	\$0.0007
Ancillary Services 3-6	\$0.0012	\$0.0003	\$0.0003	\$0.0016	\$0.0004	\$0.0004
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0331	\$0.0318	\$0.0161	\$0.0399	\$0.0345	\$0.0183
Fuel and Purchased Power Adjustment	\$0.0200	\$0.0200	\$0.0200	\$0.0241	\$0.0241	\$0.0241
<b>Total</b>	<b>\$0.1000</b>	<b>\$0.0737</b>	<b>\$0.0580</b>	<b>\$0.0951</b>	<b>\$0.0737</b>	<b>\$0.0575</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Hours

<b>On-Peak</b>	<b>May - October:</b> Weekdays 2-8 p.m. (MST) <b>November - April:</b> Weekdays 5-9 a.m. & 5-9 p.m. (MST)
<b>Super Off-Peak</b>	<b>Year-Round:</b> Daily 11 p.m-5 a.m. (MST)
<b>Off-Peak</b>	<b>Year-Round:</b> All other hours, including six holidays*

\*New Year's Day (observed), Memorial Day (observed), Independence Day (observed), Labor Day, Thanksgiving Day and Christmas Day (observed)

## Pricing Seasons

<b>Summer</b>	May, June, September & October billing cycles
<b>Summer Peak</b>	July & August billing cycles
<b>Winter</b>	November, December, January, February, March & April billing cycles

## General Service Price Plans

### Overview

The General Service Price Plans serve a diverse class of customers, including small stores, offices, non-agricultural pumps, large grocery stores, and small technology manufacturers. Customer demands range from less than 5 kW to over 1,800 kW.

### Price Plan Summary

- The **E-32 Standard Price Plan for Time-of-Use General Service** is an optional price plan for businesses that can shift some of their energy usage out of the on-peak period.
- The **E-33 Experimental Price Plan for Super Peak Time-of-Use General Service** is an optional price plan for businesses that can shift some of their usage out of the on-peak period. The experimental price plan is currently open to 1,000 customers.
- The **E-34 M-Power Price Plan for Pre-Pay General Service** is an optional price plan provided for small business customers who are able to utilize the pre-pay service.
- The **E-36 Standard Price Plan for General Service** is the standard price plan for general service customers. E-36 works best for business customers with energy use that is steady throughout the day.
- In the Monthly Service Charge, Management proposes to combine “Billing, Collections” and “Competitive Customer Service” into one line now labeled “Billing and Customer Service”. For E-32, E-34, and E-36 customers, current “Billing, Collections” is \$3.25 and current “Competitive Customer Service” is \$0.00.

Figure 37 includes details for the standard price plans available to general service customers.

### Figure 37 SRP Standard General Service Price Plans

Rate	Description	Customer Accounts	% of All General Service Customers	\$ Proposed Annual Impact	% Proposed Annual Impact
E-32*	Time-of-Use	12,213	13%	\$(5,439,739)	-2.6%
E-36	Standard	82,737	87%	\$(14,696,234)	-2.4%

\*See individual price plan summaries for a list of experimental/pilot price plans included in totals

Figure 38 is a reference table of riders matched with their applicable standard general service price plans. Experimental and Pilot price plans are not included.

Figure 38 SRP Riders Applicable to Standard General Service Price Plans

<b>Riders</b>	<b>E-32</b>	<b>E-34</b>	<b>E-36</b>
Buyback Service	X		X
Customized Interruptible	X		X
Full Electric Service Requirements	X		X
Lighting Equipment	X	X	X
Monthly Energy Index	X		X
Unmetered Credit			X
Use Fee Interruptible	X		X
<b>Pilot Riders</b>			
Renewable Energy Credit	X		X
Renewable Energy Services	X		X
Sustainable Energy Services	X		X

*Note: Frozen riders are excluded from this table*

## [E-32 at a glance](#)

*3 period time-of-use periods*

*Prices vary by season and time of day*

*Proposed annualized decrease: 2.6%*

## E-32 TOU

### Standard Price Plan for Time-of-Use General Service

#### Overview

The E-32 General Service Time-of-Use Price Plan is an optional, three period Time-of-Use (TOU) plan with on-, shoulder-, and off-peak price periods. It is designed for customers who are able to take advantage of the lower prices in the shoulder-peak and off-peak periods.

#### Key Facts

*Test Year: 2019 Financial Plan, Fiscal Year 2020*

**Customer Accounts** 12,213

**Annual Revenue** \$206.9M (7% of SRP's retail electric revenue)

**Annual Usage** 2,184,687 MWh (7% of SRP's retail energy sales)

*\*Includes customers on the E-33 and E-34 price plans*

#### Proposed Changes

**Annual Impact** -2.6% (all seasons)

- Continue to align price plan components with marginal costs.
- No proposed changes for time-of-use periods
- See Figure 39 for a detailed comparison of the current and proposed E-32 Price Plan

Figure 39 E-32 Pricing Components Detailed Comparison

<b>Monthly Service Charge</b>	<b>Current*</b> <i>May 2018 – April 2019 billing cycle</i>	<b>Proposed</b> <i>May 2019 billing cycle</i>
Billing and Customer Service	\$3.25	\$15.43
Distribution Facilities	\$0.00	\$7.29
Distribution Delivery	\$18.83	\$0.00
Meter Reading	\$0.00	\$0.00
<b>Total</b>	<b>\$22.08</b>	<b>\$22.72</b>

<b>Meter</b>		
Demand	\$6.75	\$6.11
CT/PT	\$17.52	\$16.88

**Per kW Charge (All kW over 5 kW)**

<b>Summer</b>	On-Peak kW	Max of Shoulder/ Off-Peak kW	On-Peak kW	Max of Shoulder/ Off-Peak kW
Distribution Delivery	\$2.68	\$0.80	\$5.29	\$1.05
Transmission	\$1.52	\$0.17	\$0.00	\$0.00
Transmission Cost Adjustment	\$0.00	\$0.00	\$0.00	\$0.00
Ancillary Services 1-2	\$0.12	\$0.03	\$0.00	\$0.00
<b>Total</b>	<b>\$4.32</b>	<b>\$1.00</b>	<b>\$5.29</b>	<b>\$1.05</b>

<b>Summer Peak</b>	On-Peak kW	Max of Shoulder/ Off-Peak kW	On-Peak kW	Max of Shoulder/ Off-Peak kW
Distribution Delivery	\$2.68	\$0.80	\$6.99	\$1.05
Transmission	\$3.85	\$0.17	\$0.00	\$0.00
Transmission Cost Adjustment	\$0.00	\$0.00	\$0.00	\$0.00
Ancillary Services 1-2	\$0.12	\$0.03	\$0.00	\$0.00
<b>Total</b>	<b>\$6.65</b>	<b>\$1.00</b>	<b>\$6.99</b>	<b>\$1.05</b>

<b>Winter</b>	On-Peak kW	Max of Shoulder/ Off-Peak kW	On-Peak kW	Max of Shoulder/ Off-Peak kW
Distribution Delivery	\$2.68	\$0.80	\$4.69	\$1.05
Transmission	\$1.26	\$0.17	\$0.00	\$0.00
Transmission Cost Adjustment	\$0.00	\$0.00	\$0.00	\$0.00
Ancillary Services 1-2	\$0.12	\$0.03	\$0.00	\$0.00
<b>Total</b>	<b>\$4.06</b>	<b>\$1.00</b>	<b>\$4.69</b>	<b>\$1.05</b>

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Per kWh Charges	Current*			Proposed		
	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
<b>Summer</b>						
Distribution Delivery	\$0.0274	\$0.0274	\$0.0000	\$0.0126	\$0.0094	\$0.0018
Transmission	\$0.0144	\$0.0144	\$0.0000	\$0.0158	\$0.0156	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0004	\$0.0004	\$0.0000	\$0.0010	\$0.0010	\$0.0010
Ancillary Services 3-6	\$0.0007	\$0.0007	\$0.0007	\$0.0010	\$0.0010	\$0.0010
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000
Billing and Customer Service	\$0.0018	\$0.0018	\$0.0018	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0737	\$0.0246	\$0.0166	\$0.0765	\$0.0407	\$0.0203
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0284	\$0.0259	\$0.0259	\$0.0259
<b>Total</b>	<b>\$0.1530</b>	<b>\$0.1039</b>	<b>\$0.0537</b>	<b>\$0.1357</b>	<b>\$0.0965</b>	<b>\$0.0529</b>

Summer Peak	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
	Distribution Delivery	\$0.0274	\$0.0274	\$0.0000	\$0.0176	\$0.0097
Transmission	\$0.0144	\$0.0144	\$0.0000	\$0.0158	\$0.0156	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0004	\$0.0004	\$0.0000	\$0.0010	\$0.0010	\$0.0010
Ancillary Services 3-6	\$0.0011	\$0.0011	\$0.0011	\$0.0010	\$0.0010	\$0.0010
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000
Billing and Customer Service	\$0.0018	\$0.0018	\$0.0018	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0883	\$0.0305	\$0.0172	\$0.0928	\$0.0484	\$0.0214
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0284	\$0.0259	\$0.0259	\$0.0259
<b>Total</b>	<b>\$0.1680</b>	<b>\$0.1102</b>	<b>\$0.0547</b>	<b>\$0.1570</b>	<b>\$0.1045</b>	<b>\$0.0540</b>

Winter	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
	Distribution Delivery	\$0.0274	\$0.0274	\$0.0000	\$0.0123	\$0.0092
Transmission	\$0.0144	\$0.0144	\$0.0000	\$0.0158	\$0.0156	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0004	\$0.0004	\$0.0000	\$0.0010	\$0.0010	\$0.0010
Ancillary Services 3-6	\$0.0006	\$0.0006	\$0.0006	\$0.0010	\$0.0010	\$0.0010
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000
Billing and Customer Service	\$0.0018	\$0.0018	\$0.0018	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0434	\$0.0319	\$0.0217	\$0.0439	\$0.0407	\$0.0191
Fuel and Purchased Power Adjustment	\$0.0199	\$0.0199	\$0.0199	\$0.0241	\$0.0241	\$0.0241
<b>Total</b>	<b>\$0.1141</b>	<b>\$0.1026</b>	<b>\$0.0502</b>	<b>\$0.1010</b>	<b>\$0.0945</b>	<b>\$0.0488</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Hours

<b>On-Peak</b>	<b>May 1 - October 31:</b> Daily 2-7 p.m. (MST) <b>November 1 - April 30:</b> Weekdays 5-9 a.m. (MST)
<b>Shoulder-Peak</b>	<b>May 1 - October 31:</b> Daily 11 a.m.-2 p.m. and 7-11 p.m. (MST) <b>November 1 - April 30:</b> Weekdays 5-9 p.m. (MST)
<b>Off-Peak</b>	<b>Year-Round:</b> All other hours, including six holidays*

\*New Year's Day (observed), Memorial Day (observed), Independence Day (observed), Labor Day, Thanksgiving Day and Christmas Day (observed)

## Pricing Seasons

<b>Summer</b>	May, June, September & October billing cycles
<b>Summer Peak</b>	July & August billing cycles
<b>Winter</b>	November, December, January, February, March & April billing cycles

## Customer Bill Impacts

Under this proposal, all changes would become effective with the May 2019 billing cycle. The May 2019 billing cycle depending on the customer's meter read date, may include usage incurred in April 2019. A vast majority of the accounts within this price plan yield an overall decrease. Those accounts not receiving a decrease have a lower load factor. These impacts are a result of efforts to better align prices with marginal costs.

Note that individual customer impacts will vary, both on a percentage and absolute dollar basis depending on the actual amount and pattern of energy usage. Strata are defined based on a four-month average of the peak billing demand for June through September. See the following tables and graphs for E-32 bill impact details based on actual billing data from customers with 12 consecutive months of data ending August 2018.

## List of Figures

<b>Figure 40</b>	Distribution of Proposed Annual Bill Impacts
<b>Figure 41</b>	Customer Class Characteristics by Stratum

Figure 40 Proposed Annual E-32 Customer Account Bill Impacts

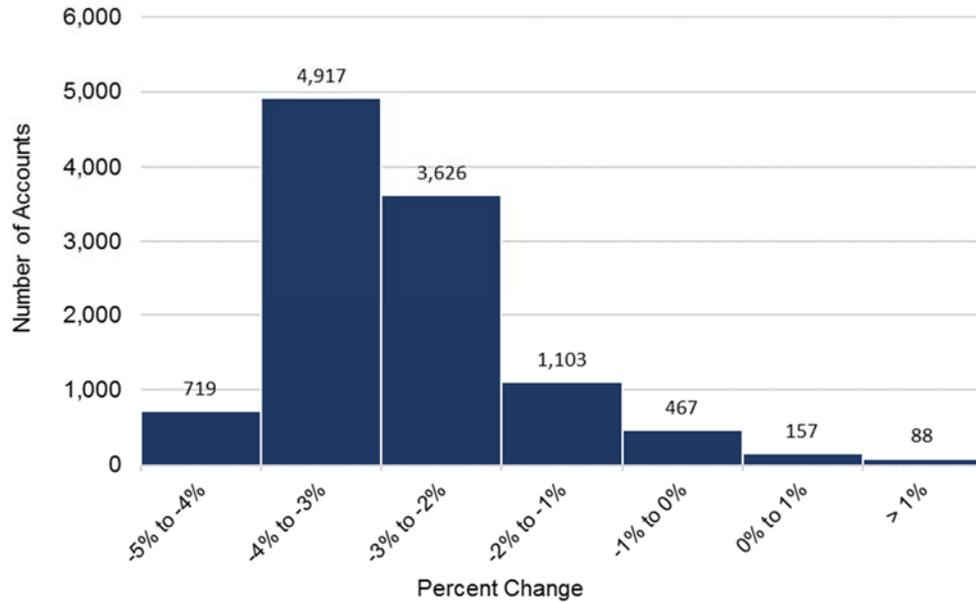


Figure 41 E-32 Customer Class Characteristics

Stratum	Max Demand (kW)	% of Accounts	Avg. Monthly Load Factor	Avg. Annual Gross kWh per Customer	Avg. Annual Bill (Current)	Avg. Annual Bill (Proposed)	% Change
1	5	29.6%	74.5%	8,160	\$936	\$905	-3.3%
2	25	25.1%	40.5%	44,763	\$4,237	\$4,100	-3.2%
3	75	23.2%	41.9%	139,997	\$13,299	\$12,931	-2.8%
4	250	17.0%	40.7%	409,388	\$38,886	\$37,887	-2.6%
5	1,000	5.1%	41.2%	1,234,142	\$117,126	\$114,241	-2.5%

Based on actual billing data from customers with 12 consecutive months of data ending August 2018

[E-33 at a glance](#)

*Prices vary by season and time of day*

## Experimental E-33 EZ-3

### Experimental Price Plan for Super Peak Time-of-Use General Service

#### Overview

The E-33 Super Peak TOU Experimental Price Plan was approved by the SRP Board on March 5, 2012 and was effective with the May 2012 billing cycle with a limit of 1,000 customers. Compared to the Standard General Service TOU plan, Super Peak TOU provides a stronger price signal during a fewer number of hours in the summer and summer peak seasons. Reducing usage during the on-peak hours reduces costs to SRP, so customers can benefit through a reduction in their electric bill.

#### Proposed Changes

- Under this proposal, changes to the E-33 Price Plan are consistent with changes to the General Service class.
- No proposed changes for time-of-use periods
- See Figure 42 for a detailed comparison of the current and proposed E-33 Price Plan

Figure 42 E-33 Pricing Components Detailed Comparison

<b>Monthly Service Charges</b>	<b>Current*</b> <i>May 2018 – April 2019 billing cycle</i>	<b>Proposed</b> <i>May 2019 billing cycle</i>
Billing and Customer Service	\$3.25	\$15.43
Distribution Facilities	\$0.00	\$7.29
Distribution Delivery	\$18.83	\$0.00
Meter Reading	\$0.00	\$0.00
<b>Total</b>	<b>\$22.08</b>	<b>\$22.72</b>

<b>Meter</b>		
Demand	\$6.75	\$6.11
CT/PT	\$17.52	\$16.88

**Per kW Charges (All kW over 5 kW)**

<b>Summer</b>	All kW over 5 kW	All kW over 5 kW
Distribution Delivery	\$2.68	\$4.92
Transmission	\$2.02	\$0.00
Transmission Cost Adjustment	\$0.00	\$0.00
Ancillary Services 1-2	\$0.12	\$0.00
<b>Total</b>	<b>\$4.82</b>	<b>\$4.92</b>

<b>Summer Peak</b>	All kW over 5 kW	All kW over 5 kW
Distribution Delivery	\$2.68	\$7.29
Transmission	\$4.35	\$0.00
Transmission Cost Adjustment	\$0.00	\$0.00
Ancillary Services 1-2	\$0.12	\$0.00
<b>Total</b>	<b>\$7.15</b>	<b>\$7.29</b>

<b>Winter</b>	All kW over 5 kW	All kW over 5 kW
Distribution Delivery	\$2.68	\$4.56
Transmission	\$1.67	\$0.00
Transmission Cost Adjustment	\$0.00	\$0.00
Ancillary Services 1-2	\$0.12	\$0.00
<b>Total</b>	<b>\$4.47</b>	<b>\$4.56</b>

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Per kWh Charges	Current*		Proposed	
	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
<b>Summer</b>				
Distribution Delivery	\$0.1345	\$0.0000	\$0.1318	\$0.0056
Transmission	\$0.0219	\$0.0000	\$0.0213	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0004	\$0.0000	\$0.0010	\$0.0010
Ancillary Services 3-6	\$0.0007	\$0.0007	\$0.0010	\$0.0010
System Benefits	\$0.0007	\$0.0007	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0000	\$0.0000
Billing and Customer Service	\$0.0035	\$0.0035	\$0.0000	\$0.0000
Generation	\$0.0754	\$0.0263	\$0.0741	\$0.0269
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0259	\$0.0259
<b>Total</b>	<b>\$0.2710</b>	<b>\$0.0651</b>	<b>\$0.2580</b>	<b>\$0.0633</b>

Summer Peak	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
	Distribution Delivery	\$0.1345	\$0.0000	\$0.1346
Transmission	\$0.0219	\$0.0000	\$0.0219	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0004	\$0.0000	\$0.0010	\$0.0010
Ancillary Services 3-6	\$0.0007	\$0.0007	\$0.0010	\$0.0010
System Benefits	\$0.0007	\$0.0007	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0000	\$0.0000
Billing and Customer Service	\$0.0035	\$0.0035	\$0.0000	\$0.0000
Generation	\$0.0834	\$0.0264	\$0.0774	\$0.0269
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0259	\$0.0259
<b>Total</b>	<b>\$0.2790</b>	<b>\$0.0652</b>	<b>\$0.2647</b>	<b>\$0.0633</b>

Winter	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
	Distribution Delivery	\$0.0254	\$0.0000	\$0.0243
Transmission	\$0.0124	\$0.0000	\$0.0118	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0004	\$0.0000	\$0.0010	\$0.0010
Ancillary Services 3-6	\$0.0006	\$0.0006	\$0.0010	\$0.0010
System Benefits	\$0.0007	\$0.0007	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0000	\$0.0000
Billing and Customer Service	\$0.0035	\$0.0035	\$0.0000	\$0.0000
Generation	\$0.0421	\$0.0332	\$0.0402	\$0.0269
Fuel and Purchased Power Adjustment	\$0.0199	\$0.0199	\$0.0241	\$0.0241
<b>Total</b>	<b>\$0.1105</b>	<b>\$0.0634</b>	<b>\$0.1053</b>	<b>\$0.0610</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Hours

<b>On-Peak</b>	<b>May 1 - October 31:</b> Weekdays 4-7 p.m. (MST) <b>November 1 - April 30:</b> Weekdays 5-8 a.m. (MST)
<b>Off-Peak</b>	<b>Year-Round:</b> All other hours, including six holidays*

\*New Year's Day (observed), Memorial Day (observed), Independence Day (observed), Labor Day, Thanksgiving Day and Christmas Day (observed)

## Pricing Seasons

<b>Summer</b>	May, June, September & October billing cycles
<b>Summer Peak</b>	July & August billing cycles
<b>Winter</b>	November, December, January, February, March & April billing cycles

[E-34 at a glance](#)

*Prices vary by season and time of day*

## E-34 M-Power

### M-Power Price Plan for Pre-Pay General Service

#### Overview

SRP offers a General Service Pre-Pay Price Plan (E-34) using the M-Power technology. This price plan is similar to SRP's existing Residential Pre-Pay Plan (E-24). M-Power allows the individual customer to view real-time electric consumption using an easy-to-read display. With this information, customers can learn how electricity is used and better manage overall energy consumption. As a result, customers can better manage their energy costs.

#### Proposed Changes

- Under this proposal, changes to the E-34 Price Plan are consistent with changes to the E-24 Price Plan, varying only by the Fuel & Purchased Power component.
- See Figure 43 for a detailed comparison of the current and proposed E-34 Price Plan

Figure 43 E-34 Pricing Components Detailed Comparison

	<b>Current*</b> <i>May 2018 – April 2019 billing cycle</i>	<b>Proposed</b> <i>May 2019 billing cycle</i>
<b>Monthly Service Charge</b>	<b>\$20.00</b>	<b>\$20.00</b>
<b>Per kWh Charges</b>		
<b>Summer</b>		
	All kWh	All kWh
Per kWh	\$0.0750	\$0.0854
Transmission Cost Adjustment	\$0.0000	\$0.0000
Environmental Programs Adjustment	\$0.0055	\$0.0000
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0259
<b>Total</b>	<b>\$0.1089</b>	<b>\$0.1113</b>
<b>Summer Peak</b>		
	All kWh	All kWh
Per kWh	\$0.0820	\$0.0925
Transmission Cost Adjustment	\$0.0000	\$0.0000
Environmental Programs Adjustment	\$0.0055	\$0.0000
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0259
<b>Total</b>	<b>\$0.1159</b>	<b>\$0.1184</b>
<b>Winter</b>		
	All kWh	All kWh
Per kWh	\$0.0667	\$0.0541
Transmission Cost Adjustment	\$0.0000	\$0.0000
Environmental Programs Adjustment	\$0.0055	\$0.0000
Fuel and Purchased Power Adjustment	\$0.0199	\$0.0241
<b>Total</b>	<b>\$0.0921</b>	<b>\$0.0782</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Pricing Seasons

<b>Summer</b>	May, June, September & October billing cycles
<b>Summer Peak</b>	July & August billing cycles
<b>Winter</b>	November, December, January, February, March & April billing cycles

[E-36 at a glance](#)

*Commercial, business, small industrial and recreational facilities*

*Block pricing*

*Proposed annualized decrease: 2.4%*

## E-36 Standard

### Standard Price Plan for General Service

#### Overview

This price plan serves the most diverse group of customers among all SRP customer classes, encompassing accounts with a wide variety of energy and demands. These customers range from small retail shops, churches, and businesses to large office buildings, shopping centers and manufacturers.

#### Key Facts

*Test Year: 2019 Financial Plan, Fiscal Year 2020*

<b>Customer Accounts</b>	82,737
<b>Annual Revenue</b>	\$618.0M (21% of SRP's retail electric revenue)
<b>Annual Usage</b>	6,369,763 MWh (21% of SRP's retail energy sales)

#### Proposed Changes

**Annual Impact** -2.4% (all seasons)

- Continue to align price plan components with marginal costs.
- See Figure 44 for a detailed comparison of the current and proposed E-36 Price Plan

Figure 44 E-36 Pricing Components Detailed Comparison

<b>Monthly Service Charges</b>	<b>Current*</b> <i>May 2018 – April 2019 billing cycle</i>	<b>Proposed</b> <i>May 2019 billing cycle</i>
Billing and Customer Service	\$3.25	\$15.43
Distribution Facilities	\$0.00	\$7.29
Distribution Delivery	\$18.83	\$0.00
<b>Total</b>	<b>\$22.08</b>	<b>\$22.72</b>
<b>Meter</b>		
Non Demand	\$6.75	\$6.11
Demand	\$6.75	\$6.11
CT/PT	\$17.52	\$16.88
<b>Per kW Charges (All kW over 5 kW)</b>		
<b>Summer</b>	<b>All kW over 5 kW</b>	<b>All kW over 5 kW</b>
Distribution Delivery	\$2.68	\$4.92
Transmission	\$2.02	\$0.00
Transmission Cost Adjustment	\$0.00	\$0.00
Ancillary Services 1-2	\$0.12	\$0.00
<b>Total</b>	<b>\$4.82</b>	<b>\$4.92</b>
<b>Summer Peak</b>	<b>All kW over 5 kW</b>	<b>All kW over 5 kW</b>
Distribution Delivery	\$2.68	\$7.29
Transmission	\$4.35	\$0.00
Transmission Cost Adjustment	\$0.00	\$0.00
Ancillary Services 1-2	\$0.12	\$0.00
<b>Total</b>	<b>\$7.15</b>	<b>\$7.29</b>
<b>Winter</b>	<b>All kW over 5 kW</b>	<b>All kW over 5 kW</b>
Distribution Delivery	\$2.68	\$4.56
Transmission	\$1.67	\$0.00
Transmission Cost Adjustment	\$0.00	\$0.00
Ancillary Services 1-2	\$0.12	\$0.00
<b>Total</b>	<b>\$4.47</b>	<b>\$4.56</b>

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## Per kWh Charges

Summer	Current*				Proposed			
	First 350 kWh	Next 180 kWh per kW**	Next 155 kWh per kW	All Add'l kWh	First 350 kWh	Next 180 kWh per kW**	Next 155 kWh per kW	All Add'l kWh
Distribution Delivery	\$0.0178	\$0.0178	\$0.0059	\$0.0059	\$0.0184	\$0.0183	\$0.0068	\$0.0004
Transmission	\$0.0092	\$0.0065	\$0.0065	\$0.0013	\$0.0075	\$0.0071	\$0.0068	\$0.0041
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0006	\$0.0006	\$0.0000	\$0.0000	\$0.0010	\$0.0010	\$0.0010	\$0.0010
Ancillary Services 3-6	\$0.0009	\$0.0009	\$0.0009	\$0.0009	\$0.0010	\$0.0010	\$0.0010	\$0.0010
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Billing and Customer Service	\$0.0020	\$0.0020	\$0.0020	\$0.0020	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0347	\$0.0337	\$0.0307	\$0.0139	\$0.0406	\$0.0372	\$0.0335	\$0.0210
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0284	\$0.0284	\$0.0259	\$0.0259	\$0.0259	\$0.0259
<b>Total</b>	<b>\$0.0998</b>	<b>\$0.0961</b>	<b>\$0.0806</b>	<b>\$0.0586</b>	<b>\$0.0973</b>	<b>\$0.0934</b>	<b>\$0.0779</b>	<b>\$0.0563</b>

\*\*Or, if no billing demand, all remaining kWh

Summer Peak	First 350 kWh	Next 180 kWh per kW**	Next 155 kWh per kW	All Add'l kWh	First 350 kWh	Next 180 kWh per kW**	Next 155 kWh per kW	All Add'l kWh
Distribution Delivery	\$0.0367	\$0.0273	\$0.0121	\$0.0059	\$0.0373	\$0.0278	\$0.0109	\$0.0022
Transmission	\$0.0092	\$0.0065	\$0.0065	\$0.0013	\$0.0089	\$0.0075	\$0.0072	\$0.0042
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0007	\$0.0007	\$0.0000	\$0.0000	\$0.0010	\$0.0010	\$0.0010	\$0.0010
Ancillary Services 3-6	\$0.0009	\$0.0009	\$0.0009	\$0.0009	\$0.0010	\$0.0010	\$0.0010	\$0.0010
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Billing and Customer Service	\$0.0020	\$0.0020	\$0.0020	\$0.0020	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0379	\$0.0379	\$0.0353	\$0.0239	\$0.0419	\$0.0406	\$0.0395	\$0.0290
Fuel and Purchased Power Adjustment	\$0.0284	\$0.0284	\$0.0284	\$0.0284	\$0.0259	\$0.0259	\$0.0259	\$0.0259
<b>Total</b>	<b>\$0.1220</b>	<b>\$0.1099</b>	<b>\$0.0914</b>	<b>\$0.0686</b>	<b>\$0.1189</b>	<b>\$0.1067</b>	<b>\$0.0884</b>	<b>\$0.0662</b>

\*\*Or, if no billing demand, all remaining kWh

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Per kWh Charges (continued)	Current*				Proposed			
	First 350 kWh	Next 180 kWh per kW**	Next 155 kWh per kW	All Add'l kWh	First 350 kWh	Next 180 kWh per kW**	Next 155 kWh per kW	All Add'l kWh
<b>Winter</b>								
Distribution Delivery	\$0.0072	\$0.0059	\$0.0057	\$0.0044	\$0.0029	\$0.0015	\$0.0009	\$0.0003
Transmission	\$0.0065	\$0.0065	\$0.0064	\$0.0013	\$0.0071	\$0.0060	\$0.0054	\$0.0022
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0006	\$0.0005	\$0.0000	\$0.0000	\$0.0010	\$0.0010	\$0.0010	\$0.0010
Ancillary Services 3-6	\$0.0009	\$0.0008	\$0.0007	\$0.0000	\$0.0010	\$0.0010	\$0.0010	\$0.0010
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Billing and Customer Service	\$0.0020	\$0.0019	\$0.0019	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0347	\$0.0327	\$0.0264	\$0.0184	\$0.0368	\$0.0353	\$0.0299	\$0.0172
Fuel and Purchased Power Adjustment	\$0.0199	\$0.0199	\$0.0199	\$0.0199	\$0.0241	\$0.0241	\$0.0241	\$0.0241
<b>Total</b>	<b>\$0.0780</b>	<b>\$0.0744</b>	<b>\$0.0672</b>	<b>\$0.0502</b>	<b>\$0.0758</b>	<b>\$0.0718</b>	<b>\$0.0652</b>	<b>\$0.0487</b>

\*\*Or, if no billing demand, all remaining kWh

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Pricing Seasons

<b>Summer</b>	May, June, September & October billing cycles
<b>Summer Peak</b>	July & August billing cycles
<b>Winter</b>	November, December, January, February, March & April billing cycles

## Customer Bill Impacts

Under this proposal, all changes would become effective with the May 2019 billing cycle. The May 2019 billing cycle depending on the customer's meter read date, may include usage incurred in April 2019. A vast majority of the accounts within this price plan yield an overall decrease. Those accounts not receiving a decrease have a lower load factor or lower use. These impacts are a result of efforts to better align prices with marginal costs.

Note that individual customer impacts will vary, both on a percentage and absolute dollar basis depending on the actual amount and pattern of energy usage. Strata are defined based on a four-month average of the peak billing demand for June through September. See the following tables and graphs for E-36 bill impact details based on actual billing data from customers with 12 consecutive months of data ending August 2018.

### List of Figures

**Figure 45** Distribution of Proposed Annual Bill Impacts

**Figure 46** Customer Class Characteristics by Stratum

Figure 45 Proposed Annual E-36 Customer Account Bill Impacts

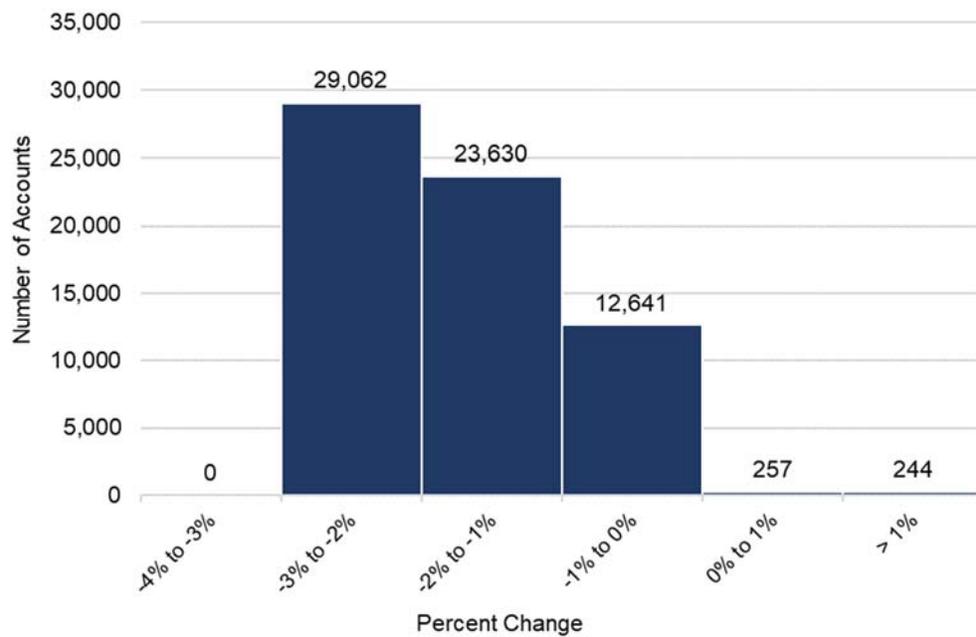


Figure 46 E-36 Customer Class Characteristics

Stratum	Max Demand (kW)	% of Accounts	Avg. Monthly Load Factor	Avg. Annual Gross kWh per Customer	Avg. Annual Bill (Current)	Avg. Annual Bill (Proposed)	% Change
1	5	40.5%	41.4%	5,093	\$793	\$780	-1.6%
2	25	42.9%	30.6%	30,333	\$3,349	\$3,277	-2.1%
3	75	11.2%	39.7%	125,398	\$12,659	\$12,370	-2.3%
4	250	4.0%	49.8%	500,169	\$46,845	\$45,720	-2.4%
5	1,000	1.4%	58.8%	1,744,128	\$154,577	\$150,715	-2.5%

Based on actual billing data from customers with 12 consecutive months of data ending August 2018

## Pumping Price Plans

### Overview

The pumping class at SRP covers three primary types of customers: agricultural pumping load, municipal pumping load, and pumping load of the Association.

### Price Plan Summary

- The **E-47 Standard Price Plan for Pumping Service** is available to customers for the sole purpose of pumping water for commercial agricultural production or for municipal water utilities.
- The **E-48 Time-of-Week Pumping Price Plan** is for customers who are able to avoid pumping on a designated day of the week from noon until 10 p.m. during the summer and summer peak seasons in return for a lower demand charge.
- In the Monthly Service Charge, Management proposes to combine “Billing, Collections” and “Competitive Customer Service” into one line now labeled “Billing and Customer Service”. For all pumping customers, current “Billing, Collections” is \$3.26 and current “Competitive Customer Service” is \$5.79.

Figure 47 includes details for the standard price plans available to pumping customers.

#### Figure 47 SRP Pumping Standard Price Plans

Rate	Description	Customer Accounts	\$ Proposed Annual Impact	% Proposed Annual Impact
<b>E-47</b>	Standard	537	\$(247,768)	-2.0%
<b>E-48</b>	Time-of-Use	12	\$(3,293)	-2.4%

Figure 48 is a reference table of riders matched with their applicable pumping price plans.

#### Figure 48 SRP Riders Applicable to Pumping Price Plans

Riders	E-47	E-48
Customized Interruptible	X	X
Monthly Energy Index	X	X
Time Dependent Demand	X	
Use Fee Interruptible	X	X
<b>Pilot Riders</b>		
Renewable Energy Services	X	X
Renewable Energy Credit	X	X
Sustainable Energy Services	X	X

*Note: Frozen riders are excluded from this table*

## E-47 at a glance

*Pumping for agriculture  
and municipality utilities*

*Prices vary by season*

*Proposed annualized  
decrease: 2.0%*

# E-47 Standard Pumping

## Standard Price Plan for Pumping Service

### Overview

The Standard Pumping Price Plan is available to customers for the sole purpose of pumping water for commercial agricultural production or for municipal water utilities. On this plan, energy and demand prices change according to season in which energy is consumed.

### Key Facts

*Test Year: 2019 Financial Plan, Fiscal Year 2020*

**Customer Accounts** 537

**Annual Revenue** \$12.4M (0.4% of SRP's retail electric revenue)

**Annual Usage** 131,683 MWh (0.4% of SRP's retail energy sales)

### Proposed Changes

**Annual Impact** -2.0% (-2.6% winter, -4.2% summer, +3.6% summer peak)

- Continue to align price plan components with marginal costs
- See Figure 49 for a detailed comparison of the current and proposed E-47 price plan

Figure 49 E-47 Pricing Components Detailed Comparison

<b>Monthly Service Charges</b>	<b>Current*</b> <i>May 2018 – April 2019 billing cycle</i>	<b>Proposed</b> <i>May 2019 billing cycle</i>
Billing and Customer Service	\$9.05	\$11.80
Meter	\$26.34	\$28.59
<b>Total</b>	<b>\$35.39</b>	<b>\$40.39</b>

**Per kW Charges****Summer**

	All kW	All kW
Distribution Facilities	\$0.00	\$1.79
Distribution Delivery	\$1.14	\$1.94
Transmission	\$0.75	\$0.00
Transmission Cost Adjustment	\$0.00	\$0.00
Ancillary Services 1-2	\$0.07	\$0.00
Billing and Customer Service	\$1.45	\$0.19
<b>Total</b>	<b>\$3.41</b>	<b>\$3.92</b>

**Summer Peak**

	All kW	All kW
Distribution Facilities	\$0.00	\$2.17
Distribution Delivery	\$1.81	\$2.45
Transmission	\$0.88	\$0.00
Transmission Cost Adjustment	\$0.00	\$0.00
Ancillary Services 1-2	\$0.08	\$0.00
Billing and Customer Service	\$1.48	\$0.27
<b>Total</b>	<b>\$4.25</b>	<b>\$4.89</b>

**Winter**

	All kW	All kW
Distribution Facilities	\$0.00	\$0.86
Distribution Delivery	\$0.54	\$0.93
Transmission	\$0.54	\$0.00
Transmission Cost Adjustment	\$0.00	\$0.00
Ancillary Services 1-2	\$0.05	\$0.00
Billing and Customer Service	\$0.77	\$0.11
<b>Total</b>	<b>\$1.90</b>	<b>\$1.90</b>

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Per kWh Charges	Current*	Proposed
<b>Summer</b>	All kWh	All kWh
Distribution Delivery	\$0.0298	\$0.0061
Transmission	\$0.0012	\$0.0033
Transmission Cost Adjustment	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0000	\$0.0007
Ancillary Services 3-6	\$0.0007	\$0.0010
System Benefits	\$0.0007	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0000
Billing and Customer Service	\$0.0009	\$0.0000
Generation	\$0.0182	\$0.0381
Fuel and Purchased Power Adjustment	\$0.0279	\$0.0259
<b>Total</b>	<b>\$0.0849</b>	<b>\$0.0780</b>

<b>Summer Peak</b>	All kWh	All kWh
Distribution Delivery	\$0.0332	\$0.0076
Transmission	\$0.0014	\$0.0058
Transmission Cost Adjustment	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0000	\$0.0009
Ancillary Services 3-6	\$0.0008	\$0.0012
System Benefits	\$0.0007	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0000
Billing and Customer Service	\$0.0014	\$0.0000
Generation	\$0.0182	\$0.0457
Fuel and Purchased Power Adjustment	\$0.0279	\$0.0259
<b>Total</b>	<b>\$0.0891</b>	<b>\$0.0900</b>

<b>Winter</b>	All kWh	All kWh
Distribution Delivery	\$0.0232	\$0.0042
Transmission	\$0.0007	\$0.0029
Transmission Cost Adjustment	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0000	\$0.0005
Ancillary Services 3-6	\$0.0006	\$0.0008
System Benefits	\$0.0007	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0000
Billing and Customer Service	\$0.0009	\$0.0000
Generation	\$0.0180	\$0.0316
Fuel and Purchased Power Adjustment	\$0.0197	\$0.0240
<b>Total</b>	<b>\$0.0693</b>	<b>\$0.0669</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

### Pricing Seasons

<b>Summer</b>	May, June, September & October
<b>Summer Peak</b>	July & August
<b>Winter</b>	November, December, January, February, March & April

### Customer Bill Impacts

Larger impacts are generally related to the increase in the monthly service charge for lower-use customers, or the increase in the demand charge for lower load factor customers, both resulting from the effort to better recover fixed costs.

Note that individual customer impacts will vary, both on a percentage and absolute dollar basis depending on the actual amount and pattern of energy usage. See the following tables and graphs for E-47 bill impact details based on actual billing data from customers with 12 consecutive months of data ending August 2018.

### List of Figures

- Figure 50** Distribution of Proposed Annual Bill Impacts
- Figure 51** Customer Class Characteristics

Figure 50 Proposed Annual E-47 Customer Account Bill Impacts

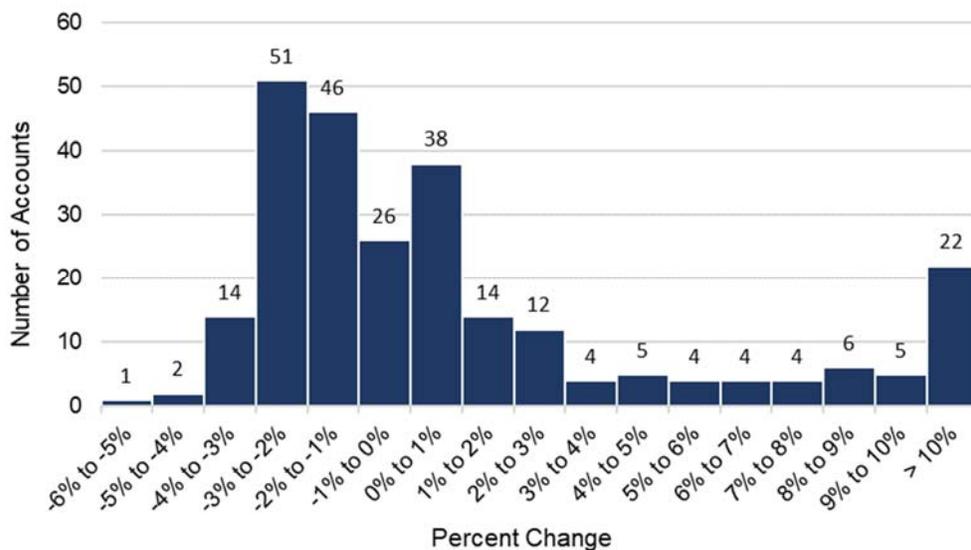


Figure 51 E-47 Customer Class Characteristics

Customer	# of Accounts	% of Total Pumping	Avg. Annual Load Factor	Avg. Annual Max kW
Agricultural Pumping	98	17%	26%	117
Municipal Pumping	178	31%	36%	186

Customer	Annual Gross kWh	Current Bill	Proposed Bill	Bill Impact
Agricultural Pumping	27,571,123	\$2,615,963	\$ 2,553,972	\$ (61,991)
Municipal Pumping	57,341,274	\$5,599,790	\$ 5,522,264	\$ (77,526)

*Based on actual billing data from customers with 12 consecutive months of data ending August 2018*

## [E-48 at a glance](#)

*Pumping for agriculture and municipality utilities*

*Buy-through rate for use on non-pump day*

*Prices shift by season*

*Proposed annualized*

# E-48 Time of Week Pumping

## Standard Electric Price Plan for Time-of-Week Pumping Service

### Overview

The Time of Week (TOW) Price Plan encourages customers to turn off their pumps on a predetermined weekday every week from noon until 10 p.m. during the summer and summer peak seasons. In return for this decrease in on-peak usage, TOW participants pay lower summer and summer peak demand charges. On this plan, energy and demand prices change according to season in which energy is consumed. For demand specifically, the weekday hours on the day designated as customer's non-pump period will be charged at the buy-through rate.

### Key Facts

*Test Year: 2019 Financial Plan, Fiscal Year 2020*

<b>Customer Accounts</b>	12
<b>Annual Revenue</b>	\$0.1M (<0.1% of SRP's retail electric revenue)
<b>Annual Usage</b>	1,436 MWh (<0.1% of SRP's retail energy sales)

### Proposed Changes

**Annual Impact** -2.4% (-0.8% winter, -6.1% summer, +2.4% summer peak)

- Continue to align price plan components with marginal costs
- See Figure 52 for a detailed comparison of the current and proposed E-48 Price Plan

Figure 52 E-48 Pricing Components Detailed Comparison

<b>Monthly Service Charges</b>	<b>Current*</b> <i>May 2018 – April 2019 billing cycle</i>	<b>Proposed</b> <i>May 2019 billing cycle</i>
Billing and Customer Service	\$9.05	\$11.80
Meter	\$26.34	\$28.59
<b>Total</b>	<b>\$35.39</b>	<b>\$40.39</b>

**Per kW Charges****Summer**

	All kW	All kW
Distribution Facilities	\$0.00	\$0.86
Distribution Delivery	\$0.54	\$0.93
Transmission	\$0.54	\$0.00
Transmission Cost Adjustment	\$0.00	\$0.00
Ancillary Services 1-2	\$0.05	\$0.00
Billing and Customer Service	\$0.77	\$0.11
<b>Total</b>	<b>\$1.90</b>	<b>\$1.90</b>

**Summer Peak**

	All kW	All kW
Distribution Facilities	\$0.00	\$0.86
Distribution Delivery	\$0.54	\$0.93
Transmission	\$0.54	\$0.00
Transmission Cost Adjustment	\$0.00	\$0.00
Ancillary Services 1-2	\$0.05	\$0.00
Billing and Customer Service	\$0.77	\$0.11
<b>Total</b>	<b>\$1.90</b>	<b>\$1.90</b>

**Winter**

	All kW	All kW
Distribution Facilities	\$0.00	\$0.86
Distribution Delivery	\$0.54	\$0.93
Transmission	\$0.54	\$0.00
Transmission Cost Adjustment	\$0.00	\$0.00
Ancillary Services 1-2	\$0.05	\$0.00
Billing and Customer Service	\$0.77	\$0.11
<b>Total</b>	<b>\$1.90</b>	<b>\$1.90</b>

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Per kW Charge (No-Pump Period) Summer	Current* Buy-Through kW	Proposed Buy-Through kW
Distribution Facilities	\$0.00	\$2.57
Distribution Delivery	\$3.14	\$1.76
Transmission	\$1.45	\$0.96
Transmission Cost Adjustment	\$0.00	\$0.00
Ancillary Services 1-2	\$0.13	\$0.00
Billing and Customer Service	\$0.08	\$0.25
<b>Total</b>	<b>\$4.80</b>	<b>\$5.54</b>

Summer Peak	Buy-Through kW	Buy-Through kW
Distribution Facilities	\$0.00	\$3.42
Distribution Delivery	\$4.23	\$2.32
Transmission	\$1.83	\$1.25
Transmission Cost Adjustment	\$0.00	\$0.00
Ancillary Services 1-2	\$0.22	\$0.00
Billing and Customer Service	\$0.08	\$0.34
<b>Total</b>	<b>\$6.36</b>	<b>\$7.33</b>

#### Per kWh Charges

Summer	All kWh	All kWh
Distribution Delivery	\$0.0290	\$0.0061
Transmission	\$0.0012	\$0.0033
Transmission Cost Adjustment	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0000	\$0.0007
Ancillary Services 3-6	\$0.0007	\$0.0010
System Benefits	\$0.0007	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0000
Billing and Customer Service	\$0.0009	\$0.0000
Generation	\$0.0182	\$0.0381
Fuel and Purchased Power Adjustment	\$0.0279	\$0.0259
<b>Total</b>	<b>\$0.0841</b>	<b>\$0.0780</b>

(Continued on next page)

Per kWh Charges (continued) Summer Peak	Current* All kWh	Proposed All kWh
Distribution Delivery	\$0.0322	\$0.0076
Transmission	\$0.0014	\$0.0058
Transmission Cost Adjustment	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0000	\$0.0009
Ancillary Services 3-6	\$0.0008	\$0.0012
System Benefits	\$0.0007	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0000
Billing and Customer Service	\$0.0014	\$0.0000
Generation	\$0.0182	\$0.0457
Fuel and Purchased Power Adjustment	\$0.0279	\$0.0259
<b>Total</b>	<b>\$0.0881</b>	<b>\$0.0900</b>

Winter	All kWh	All kWh
Distribution Delivery	\$0.0223	\$0.0042
Transmission	\$0.0007	\$0.0029
Transmission Cost Adjustment	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0000	\$0.0005
Ancillary Services 3-6	\$0.0006	\$0.0008
System Benefits	\$0.0007	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0000
Billing and Customer Service	\$0.0009	\$0.0000
Generation	\$0.0180	\$0.0316
Fuel and Purchased Power Adjustment	\$0.0197	\$0.0240
<b>Total</b>	<b>\$0.0684</b>	<b>\$0.0669</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Pricing Seasons

<b>Summer</b>	May, June, September & October
<b>Summer Peak</b>	July & August
<b>Winter</b>	November, December, January, February, March & April

## Customer Bill Impacts

Larger impacts are generally related to the increase in the monthly service charge for lower-use customers, or the increase in the demand charge for lower load factor customers, both resulting from the effort to better recover fixed costs.

Note that individual customer impacts will vary, both on a percentage and absolute dollar basis depending on the actual amount and pattern of energy usage. See the following tables and graphs for E-48 bill impact details based on actual billing data from customers with 12 consecutive months of data ending August 2018.

### List of Figures

- Figure 53**      Distribution of Proposed Annual Bill Impacts
- Figure 54**      Customer Class Characteristics

Figure 53 Proposed Annual E-48 Customer Account Bill Impacts

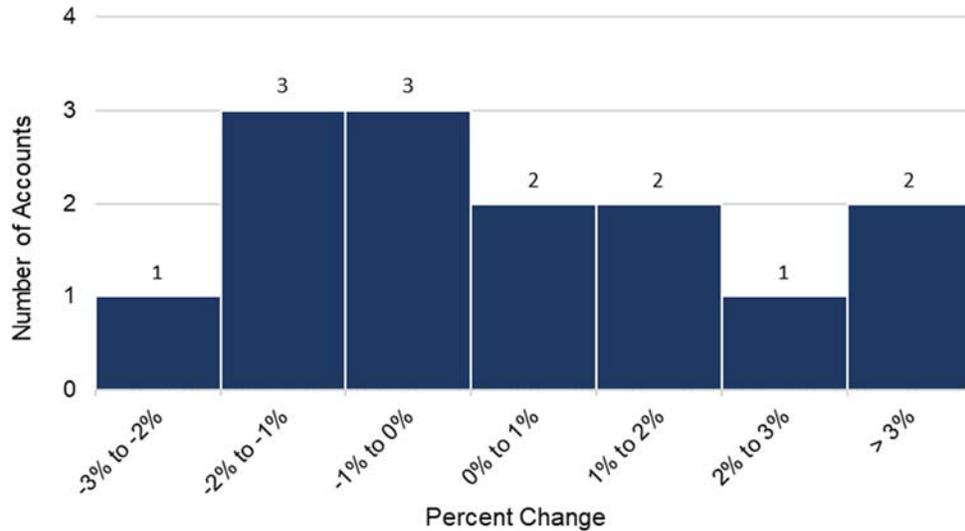


Figure 54 E-48 Customer Class Characteristics

Customer	# of Accounts	% of Total Pumping	Avg. Annual Load Factor	Avg. Annual Max kW
E-48	14	2%	17%	101
Customer	Annual Gross kWh	Current Bill	Proposed Bill	Bill Impact
E-48	1,910,481	\$193,212	\$192,357	\$(855)

*Based on actual billing data from customers with 12 consecutive months of data ending August 2018*

## Lighting Service Price Plans

### Overview

Lighting accounts are classified as either metered or unmetered. Metered accounts are served under the E-32 or E-36 General Service Price Plan. Unmetered accounts are served under the Lighting Service Price Plans.

The Standard Price Plan for lighting customers is determined by the type of lighting service. While the customer cannot choose its lighting service plan, customers do have the option of installing the requisite facilities to take metered service under the E-36 Price Plan.

### Price Plan Summary

- The **E-54 Standard Price Plan for Traffic Signal Lighting Service** applies to unmetered traffic signal lighting and related devices owned by municipal, state, county, or other governmental entities.
- The **E-56 Standard Price Plan for Public Lighting Service** applies to unmetered lighting applications served from a photocell device. Lighting applications include lighting of public, private and common streets, public school grounds and thoroughfares, parks, playgrounds, walkways, publicly-owned lighted street signs, and municipal parking lots.
- The **E-57 Standard Price Plan for Private Security Lighting Service** applies to unmetered lighting applications served from a photocell device. Private lighting applications include private residences, and commercial applications.

Figure 55 includes details for the standard price plans available to lighting customers.

### Figure 55 SRP Lighting Price Plans

Rate	Description	Customer Accounts	\$ Proposed Annual Impact	% Proposed Annual Impact
<b>E-54</b>	Traffic Signals	27	\$(13,847)	-1.4%
<b>E-56</b>	Public Street Lights	5,152	\$(263,168)	-1.3%
<b>E-57</b>	Private Security Lighting	4,214	\$(35,026)	-2.6%

Figure 56 is a reference table of riders matched with their applicable lighting price plans.

Figure 56 SRP Riders Applicable to Lighting Price Plans

<b>Riders</b>	<b>E-54</b>	<b>E-56</b>	<b>E-57</b>
Lighting Equipment		X	X
Monthly Energy Index	X	X	X

*Note: Frozen riders are excluded from this table*

**E-54 at a glance**

*Government owed traffic signal lighting*

*Prices vary by season*

*Proposed annualized decrease: 1.4%*

## **E-54 Traffic Signal Lighting**

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### **Standard Price Plan for Traffic Signal Lighting Service**

#### **Overview**

The E-54 Standard Price Plan for Traffic Signal Lighting Service applies to unmetered traffic signal lighting and related devices owned by municipal, state, county, other governmental entities. This price plan includes a monthly service charge, a facilities charge, and an energy (kWh) charge applied to estimated and unmetered usage unless otherwise required by SRP.

#### **Key Facts**

*Test Year: 2019 Financial Plan, Fiscal Year 2020*

**Customer Accounts** 27

**Annual Revenue** \$1M (<0.1% of SRP's retail electric revenue)

**Annual Usage** 7,134 MWh (<0.1% of SRP's retail energy sales)

#### **Proposed Changes**

**Annual Impact** -1.4% (-3.5% winter, +0.9% summer)

- Continue to align price plan components with marginal costs
- See Figure 57 for a detailed comparison of the current and proposed E-54 Price Plan

Figure 57 E-54 Pricing Components Detailed Comparison

<b>Monthly Charges</b>	<b>Current*</b> <i>May 2018 – April 2019 billing cycle</i>	<b>Proposed</b> <i>May 2019 billing cycle</i>
Monthly Service Charge	\$0.00	\$0.00
Distribution Facilities Charge (per intersection)	\$11.88	\$13.07

<b>Per kWh Charges</b>		
<b>Summer</b>	All kWh	All kWh
Distribution Delivery	\$0.0788	\$0.0324
Transmission	\$0.0001	\$0.0001
Transmission Cost Adjustment	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0001	\$0.0000
Ancillary Services 3-6	\$0.0004	\$0.0013
System Benefits	\$0.0007	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0000
Billing and Customer Service	\$0.0085	\$0.0130
Generation	\$0.0087	\$0.0554
Fuel and Purchased Power Adjustment	\$0.0283	\$0.0260
<b>Total</b>	<b>\$0.1311</b>	<b>\$0.1311</b>

<b>Winter</b>	All kWh	All kWh
Distribution Delivery	\$0.0788	\$0.0298
Transmission	\$0.0001	\$0.0001
Transmission Cost Adjustment	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0001	\$0.0000
Ancillary Services 3-6	\$0.0004	\$0.0011
System Benefits	\$0.0007	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0000
Billing and Customer Service	\$0.0085	\$0.0102
Generation	\$0.0087	\$0.0484
Fuel and Purchased Power Adjustment	\$0.0199	\$0.0242
<b>Total</b>	<b>\$0.1227</b>	<b>\$0.1167</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Pricing Seasons

### Summer

May, June, July, August, September & October

### Winter

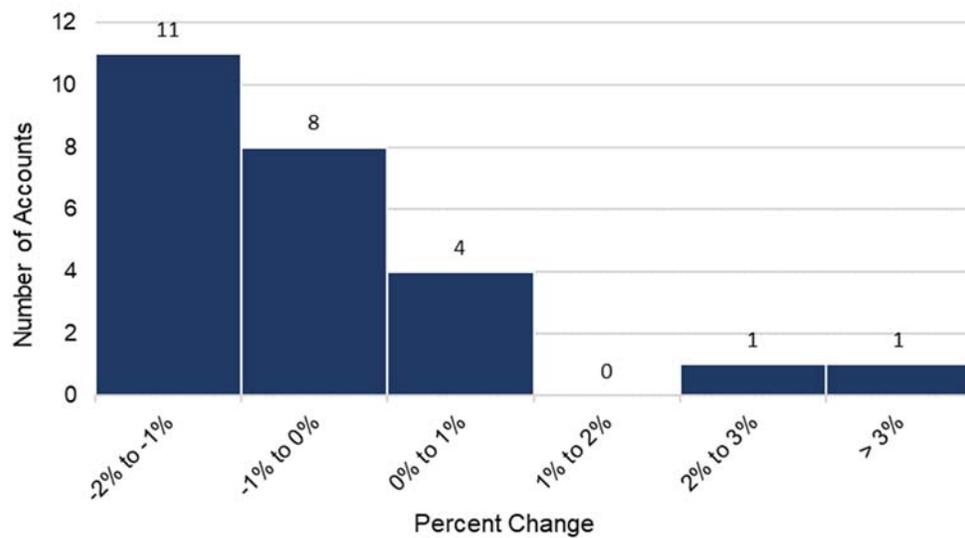
November, December, January, February, March & April

## Customer Bill Impacts

Higher impact accounts are generally related to the increase in the Distribution Facilities charge, moving lower-usage accounts toward improved cost recovery.

Note that individual customer impacts will vary, both on a percentage and absolute dollar basis depending on the actual amount and pattern of energy usage. See Figure 58 for E-54 bill impact details based on actual billing data from customers with 12 consecutive months of data ending August 2018.

Figure 58 Proposed Annual E-54 Customer Account Bill Impacts



**E-56 at a glance**

*Public and private lighting*

*Prices vary by season*

*Proposed annualized decrease: 1.3%*

## **E-56 Public Lighting**

### **Standard Price Plan for Public Lighting Service**

#### **Overview**

The E-56 Standard Price Plan for Public Lighting Service applies to unmetered lighting applications served from a photocell device. Lighting applications include lighting of public, private and common streets, public school grounds and thoroughfares, parks, playgrounds, and walkways, publicly-owned lighted street signs, and municipal parking lots. This price plan includes a monthly service charge, a facilities charge, and an energy (kWh) charge applied to estimated and unmetered usage unless otherwise required by SRP.

#### **Key Facts**

*Test Year: 2019 Financial Plan, Fiscal Year 2020*

**Customer Accounts** 5,152

**Annual Revenue** \$20.2M (0.7% of SRP's retail electric revenue)

**Annual Usage** 179,973 MWh (0.6% of SRP's retail energy sales)

#### **Proposed Changes**

**Annual Impact** -1.3% (+1.8% winter, -3.8% summer)

- Continue to align price plan components with marginal costs
- See Figure 59 for a detailed comparison of the current and proposed E-56 Price Plan.

Figure 59 E-56 Pricing Components Detailed Comparison

<b>Monthly Charge</b>	<b>Current*</b>	<b>Proposed</b>
<b>Distribution Facilities Charge</b>	<i>May 2018 – April 2019 billing cycle</i>	<i>May 2019 billing cycle</i>
Luminaire/month or	\$3.42	\$3.76
Per controller rate kVA/month	\$1.85	\$2.95

**Per kWh Charges****Summer**

	All kWh	All kWh
Distribution Delivery	\$0.0167	\$0.0000
Transmission	\$0.0001	\$0.0001
Transmission Cost Adjustment	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0001	\$0.0000
Ancillary Services 3-6	\$0.0004	\$0.0010
System Benefits	\$0.0007	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0000
Billing and Customer Service	\$0.0085	\$0.0000
Generation	\$0.0087	\$0.0297
Fuel and Purchased Power Adjustment	\$0.0283	\$0.0260
<b>Total</b>	<b>\$0.0690</b>	<b>\$0.0597</b>

**Winter**

	All kWh	All kWh
Distribution Delivery	\$0.0167	\$0.0000
Transmission	\$0.0001	\$0.0001
Transmission Cost Adjustment	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0001	\$0.0000
Ancillary Services 3-6	\$0.0004	\$0.0009
System Benefits	\$0.0007	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0000
Billing and Customer Service	\$0.0085	\$0.0000
Generation	\$0.0087	\$0.0296
Fuel and Purchased Power Adjustment	\$0.0199	\$0.0242
<b>Total</b>	<b>\$0.0606</b>	<b>\$0.0577</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

**Pricing Seasons****Summer**

May, June, July, August, September &amp; October

**Winter**

November, December, January, February, March &amp; April

### Customer Bill Impacts

Higher impact accounts are generally related to the increase in the Distribution Facilities charge, moving lower-usage accounts toward improved cost recovery.

Note that individual customer impacts will vary, both on a percentage and absolute dollar basis depending on the actual amount and pattern of energy usage. See the following graphs for E-56 bill impact details based on actual billing data from customers with 12 consecutive months of data ending August 2018.

### List of Figures

**Figure 60** Distribution of Proposed Annual Non-Municipal Lighting Bill Impacts

**Figure 61** Distribution of Proposed Annual Municipal Lighting Bill Impacts

Figure 60 Proposed Annual E-56 Non-Municipal Lighting Bill Impacts

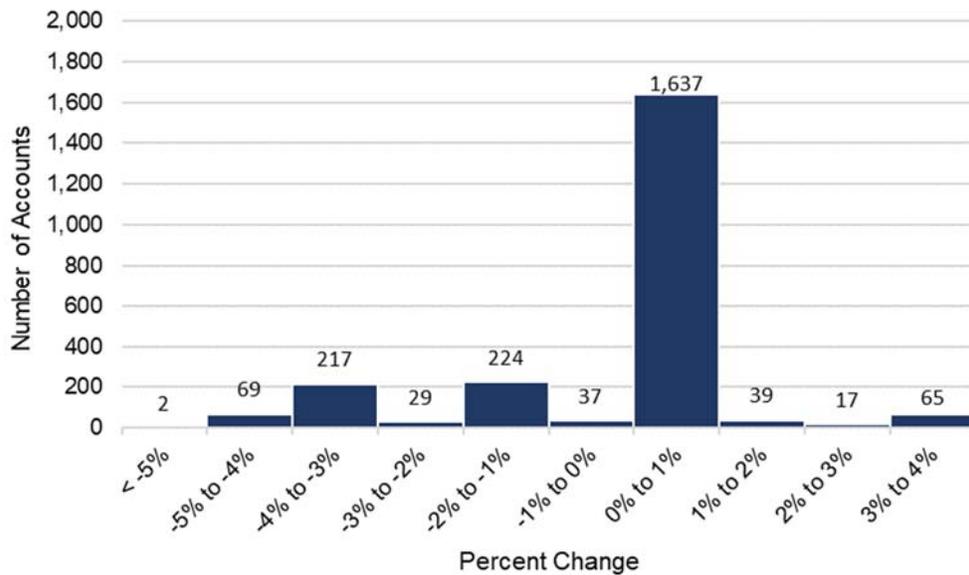
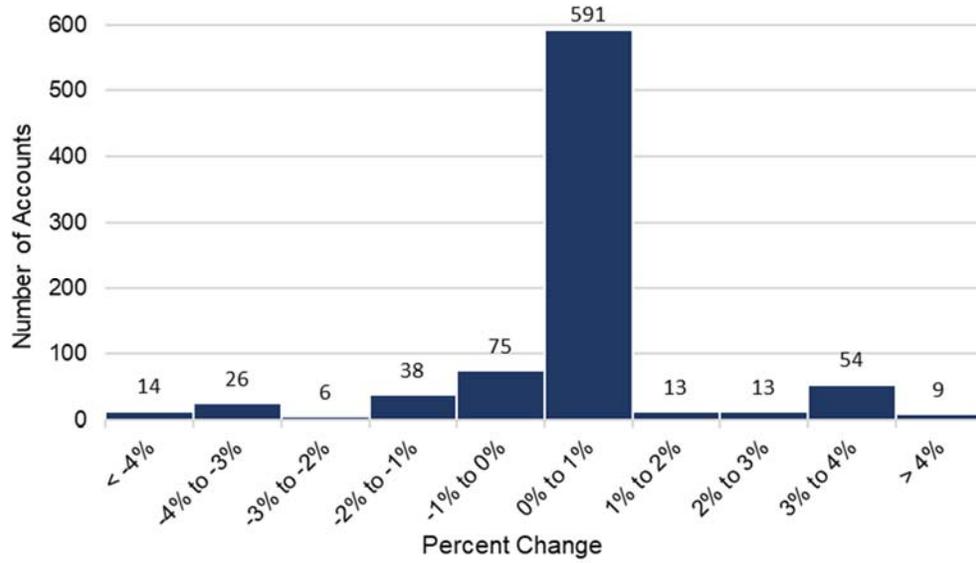


Figure 61 Proposed Annual E-56 Municipal Lighting Bill Impacts



[E-57 at a glance](#)

*Private security lighting*

*Prices shift by season*

*Proposed annualized decrease: 2.6%*

## E-57 Private Security Lighting

### Standard Price Plan for Private Security Lighting Service

#### Overview

The E-57 Standard Price Plan for Private Security Lighting Service applies to unmetered lighting applications served from a photocell device. Private lighting applications include private residences, commercial applications (parking lots or otherwise), and other lighting applications that do not qualify for service under the E-56 Price Plan.

#### Key Facts

*Test Year: 2019 Financial Plan, Fiscal Year 2020*

<b>Customer Accounts</b>	4,214
<b>Annual Revenue</b>	\$1.3M (<0.1% of SRP's retail electric revenue)
<b>Annual Usage</b>	13,536 MWh (<0.1% of SRP's retail energy sales)

#### Proposed Changes

**Annual Impact** -2.6% (+0.8% winter, -5.4% summer)

- Continue to align price plan components with marginal costs
- See Figure 62 for a detailed comparison of the current and proposed E-57 Price Plan

Figure 62 E-57 Pricing Components Detailed Comparison

Monthly Charge	Current*	Proposed
Distribution Facilities Charge	May 2018 – April 2019 billing cycle	May 2019 billing cycle
Luminaire/month or	\$3.42	\$3.76
Per controller rate kVA/month	\$1.85	\$2.95
<b>Per kWh Charges</b>		
<b>Summer</b>	All kWh	All kWh
Distribution Delivery	\$0.0164	\$0.0000
Transmission	\$0.0001	\$0.0001
Transmission Cost Adjustment	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0001	\$0.0000
Ancillary Services 3-6	\$0.0004	\$0.0010
System Benefits	\$0.0007	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0000
Billing and Customer Service	\$0.0085	\$0.0000
Generation	\$0.0087	\$0.0297
Fuel and Purchased Power Adjustment	\$0.0283	\$0.0260
<b>Total</b>	<b>\$0.0687</b>	<b>\$0.0597</b>
<b>Winter</b>	All kWh	All kWh
Distribution Delivery	\$0.0164	\$0.0000
Transmission	\$0.0001	\$0.0001
Transmission Cost Adjustment	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0001	\$0.0000
Ancillary Services 3-6	\$0.0004	\$0.0009
System Benefits	\$0.0007	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0000
Billing and Customer Service	\$0.0085	\$0.0000
Generation	\$0.0087	\$0.0296
Fuel and Purchased Power Adjustment	\$0.0199	\$0.0242
<b>Total</b>	<b>\$0.0603</b>	<b>\$0.0577</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Pricing Seasons

### Summer

May, June, July, August, September & October

### Winter

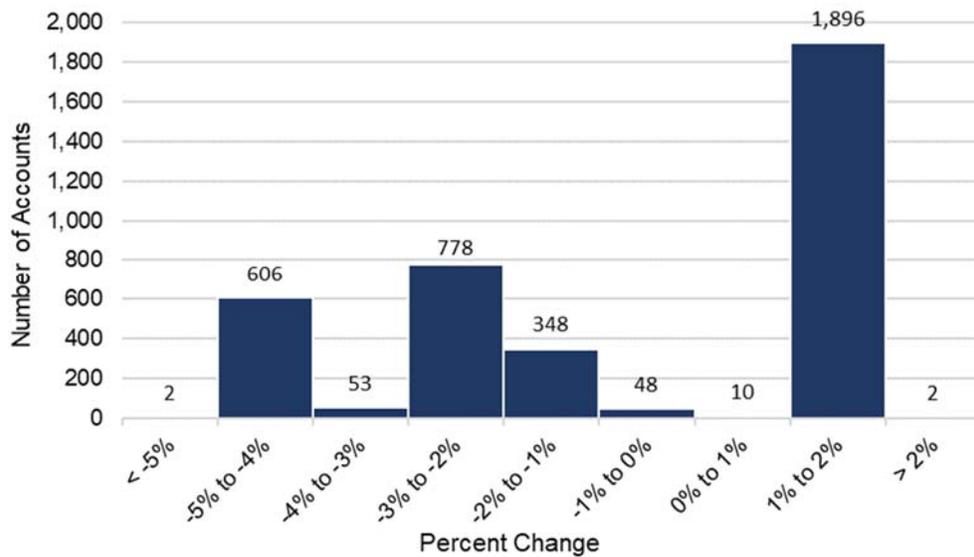
November, December, January, February, March & April

### Customer Bill Impacts

Higher impact accounts are generally related to the increase in the Distribution Facilities charge, moving lower-usage accounts toward improved cost recovery.

Note that individual customer impacts will vary, both on a percentage and absolute dollar basis depending on the actual amount and pattern of energy usage. See Figure 63 for E-57 bill impact details based on actual billing data from customers with 12 consecutive months of data ending August 2018.

Figure 63 Proposed Annual E-57 Customer Account Bill Impacts



## Large General Service Price Plans

### Overview

The Large General Service Price Plans apply to customers with a gross monthly consumption of 300,000 kWh or more for three consecutive months or to customers served by a dedicated or customer-owned substation transformer. The price plan under which a customer takes service depends upon their service facilities. The primary differences between these customer classes are delivery losses and transformation.

Each Large General Service Price Plan is a time-of-use (TOU) plan with three TOU Periods (on-peak, shoulder-peak and off-peak) that vary by season and time of day. Prices include a monthly service charge, a facilities charge, demand (kW) charge, and energy (kWh) charges for each period.

Customers on the Large General Service Price Plans are required to sign SRP's Agreement for Electric Service. In practice, customers who qualify for the Large General Service Price Plans, but do not sign an Agreement for Electric Service, must stay on their current General Service price plan until an Agreement is executed. Customers served by a Large General Service price plan who do not have an Agreement for Electric Service are subject to being moved to one of the General Service Price Plans.

### Price Plan Summary

- The **E-61 Standard Price Plan for Secondary Large General Service** is a mandatory time-of-use plan for customers having gross monthly billing energy in excess of 300,000 kilowatt-hours for three consecutive months metered at the secondary level.
  - In the Monthly Service Charge, Management proposes to combine “Billing, Collections” and “Competitive Customer Service” into one line now labeled “Billing and Customer Service”. For E-61 customers, current “Billing, Collections” is \$100.88 and current “Competitive Customer Service” is \$397.29.
- The **E-63 Standard Price Plan for Primary Large General Service** is a time-of-use plan for customers having gross monthly billing energy in excess of 300,000 kilowatt-hours for three consecutive months metered at the primary level.
  - In the Monthly Service Charge, Management proposes to combine “Billing, Collections” and “Competitive Customer Service” into one line now labeled

“Billing and Customer Service”. For E-63 customers, current “Billing, Collections” is \$100.88 and current “Competitive Customer Service” is \$397.29.

- The **E-65 Standard Price Plan for Substation Large General Service** is a time-of-use price plan mandatory for customers whose service is metered at the low side of a dedicated substation transformer(s).
- The **E-66 Standard Price Plan for Substation Large General Service with Instantaneously Interruptible Load** is a time-of-use price plan, similar to the E-65 Price Plan where all or a portion of load can be made instantaneously interruptible
- The new **E-67 Price Plan for Large Extra High Load Factor Substation Large General Service** is a Time-of-Use price plan for customers with substation service, loads above 20 MW, and a load factor of 90 percent or greater.
- The **Critical Peak Experimental Price Plan** (supplemental to E-65) allows some of SRP’s largest customers to respond to day-ahead price signals associated with SRP’s on-peak periods. There are currently no customers taking service under this price plan.
- In the Monthly Service Charge, Management proposes to combine “Billing, Collections” and “Competitive Customer Service” into one line now labeled “Billing and Customer Service”. For E-65/E-66/E-67/CPP customers, current “Billing, Collections” is \$100.88 and current “Competitive Customer Service” is \$3,683.39.

Figure 64 includes details for the standard price plans available to large general service customers.

Figure 64 SRP Standard Large General Service Price Plans

Price Plans	Description	Customer Accounts	% of All Large General Service Customers	\$ Proposed Annual Impact	% Proposed Annual Impact
E-61	Secondary Distributed Voltage Level	429	82%	\$(4,732,793)	-3.1%
E-63	Primary Distributed Voltage Level	45	9%	\$(1,151,583)	-3.0%
E-65 / E-66	Substation Transformer Level	49	9%	\$(12,893,470)	-4.2%

Figure 65 is a reference table of riders matched with their applicable standard large general service price plans. Experimental and Pilot price plans are not included.

Figure 65 SRP Riders Applicable to Standard Large General Service Price Plans

<b>Riders</b>	<b>E-61</b>	<b>E-63</b>	<b>E-65</b>	<b>E-66</b>	<b>E-67</b>
Buyback Service	X	X	X	X	X
Customized Interruptible	X	X	X		X
Facilities	X	X	X	X	X
Full Electric Service Requirements	X	X	X	X	X
Monthly Energy Index	X	X	X	X	X
Standby Electric Service for Power Production Facilities	X	X	X	X	
Use Fee Interruptible	X	X	X		X
<b>Pilot Riders</b>					
Market Price			X	X	X
Renewable Energy Credit	X	X	X	X	X
Renewable Energy Services	X	X	X	X	X
Sustainable Energy Services	X	X	X	X	X

*Note: Frozen riders are excluded from this table*

**E-61 at a glance***>300 MWh**Take service at secondary voltage level**Prices vary by season and time of day**Proposed annualized decrease: 3.1%***E-61 Secondary Service****Standard Price Plan for Secondary Large General Service****Overview**

The E-61 Price Plan is a mandatory Time-of-Use plan for customers having gross monthly billing energy in excess of 300,000 kilowatt-hours for three consecutive months, supplied through one point of delivery and measured through one meter at the secondary level. The secondary level is defined as service requiring SRP transformation below the voltage level at the low side of a distribution substation.

**Key Facts***Test Year: 2019 Financial Plan, Fiscal Year 2020***Customer Accounts** 429**Annual Revenue** \$151.5M (5% of SRP's retail electric revenue)**Annual Usage** 1,886,651 MWh (6% of SRP's retail energy sales)**Proposed Changes****Annual Impact** -3.1% (-2.2% winter, -8.0% summer, +3.3% summer peak)

- Continue to align price plan components with marginal costs
- No proposed changes for time-of-use periods
- See Figure 66 for a detailed comparison of the current and proposed E-61 Price Plan

Figure 66 E-61 Pricing Components Detailed Comparison

<b>Monthly Service Charges</b>	<b>Current*</b> <i>May 2018 – April 2019 billing cycle</i>	<b>Proposed</b> <i>May 2019 billing cycle</i>
Billing and Customer Service	\$498.17	\$729.65
Meter (per billing meter)	\$25.54	\$23.41
<b>Total (with one meter)</b>	<b>\$523.71</b>	<b>\$753.06</b>

<b>Monthly Facilities Charges per kW</b>	<b>kW</b>	<b>kW</b>
Distribution Facilities	\$2.32	\$1.03
Distribution Delivery	\$0.00	\$1.64
Billing and Customer Service	\$0.35	\$0.00
<b>Total</b>	<b>\$2.67</b>	<b>\$2.67</b>

**Per kW Charge (Monthly On-Peak Max kW)**

<b>Summer</b>	<b>On-Peak Max kW</b>	<b>On-Peak Max kW</b>
Distribution Delivery	\$0.00	\$3.40
Transmission	\$1.45	\$1.61
Generation	\$2.30	\$1.98
<b>Total</b>	<b>\$3.75</b>	<b>\$6.99</b>

<b>Summer Peak</b>	<b>On-Peak Max kW</b>	<b>On-Peak Max kW</b>
Distribution Delivery	\$0.00	\$4.24
Transmission	\$1.56	\$1.91
Generation	\$2.60	\$4.01
<b>Total</b>	<b>\$4.16</b>	<b>\$10.16</b>

<b>Winter</b>	<b>On-Peak Max kW</b>	<b>On-Peak Max kW</b>
Distribution Delivery	\$0.00	\$1.30
Transmission	\$0.45	\$0.32
Generation	\$1.46	\$0.16
<b>Total</b>	<b>\$1.91</b>	<b>\$1.78</b>

(Continued on next page)

Per kWh Charges	Current*			Proposed		
	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
<b>Summer</b>						
Distribution Delivery	\$0.0215	\$0.0160	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Transmission	\$0.0121	\$0.0120	\$0.0000	\$0.0057	\$0.0055	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0010	\$0.0010	\$0.0000	\$0.0020	\$0.0020	\$0.0000
Ancillary Services 3-6	\$0.0009	\$0.0009	\$0.0009	\$0.0010	\$0.0010	\$0.0010
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0365	\$0.0357	\$0.0074	\$0.0426	\$0.0330	\$0.0155
Fuel and Purchased Power Adjustment	\$0.0283	\$0.0283	\$0.0283	\$0.0259	\$0.0259	\$0.0259
<b>Total</b>	<b>\$0.1065</b>	<b>\$0.1001</b>	<b>\$0.0428</b>	<b>\$0.0801</b>	<b>\$0.0703</b>	<b>\$0.0453</b>

Summer Peak	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
	Distribution Delivery	\$0.0230	\$0.0209	\$0.0000	\$0.0000	\$0.0000
Transmission	\$0.0250	\$0.0121	\$0.0000	\$0.0117	\$0.0055	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0010	\$0.0010	\$0.0000	\$0.0020	\$0.0020	\$0.0000
Ancillary Services 3-6	\$0.0009	\$0.0009	\$0.0009	\$0.0010	\$0.0010	\$0.0010
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0570	\$0.0358	\$0.0139	\$0.0701	\$0.0533	\$0.0253
Fuel and Purchased Power Adjustment	\$0.0283	\$0.0283	\$0.0283	\$0.0259	\$0.0259	\$0.0259
<b>Total</b>	<b>\$0.1414</b>	<b>\$0.1052</b>	<b>\$0.0493</b>	<b>\$0.1136</b>	<b>\$0.0906</b>	<b>\$0.0551</b>

Winter	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
	Distribution Delivery	\$0.0161	\$0.0159	\$0.0000	\$0.0000	\$0.0000
Transmission	\$0.0120	\$0.0119	\$0.0000	\$0.0056	\$0.0054	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0010	\$0.0010	\$0.0000	\$0.0020	\$0.0019	\$0.0000
Ancillary Services 3-6	\$0.0006	\$0.0006	\$0.0006	\$0.0010	\$0.0009	\$0.0009
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0225	\$0.0224	\$0.0138	\$0.0313	\$0.0284	\$0.0148
Fuel and Purchased Power Adjustment	\$0.0199	\$0.0199	\$0.0199	\$0.0240	\$0.0240	\$0.0240
<b>Total</b>	<b>\$0.0783</b>	<b>\$0.0779</b>	<b>\$0.0405</b>	<b>\$0.0668</b>	<b>\$0.0635</b>	<b>\$0.0426</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Hours

<b>On-Peak</b>	<b>May 1 - October 31:</b> Daily 2-7 p.m. (MST) <b>November 1 - April 30:</b> Weekdays 5-9 a.m. (MST)
<b>Shoulder-Peak</b>	<b>May 1 - October 31:</b> Daily 11 a.m.-2 p.m. and 7-11 p.m. (MST) <b>November 1 - April 30:</b> Weekdays 5-9 p.m. (MST)
<b>Off-Peak</b>	<b>Year-Round:</b> All other hours

## Pricing Seasons

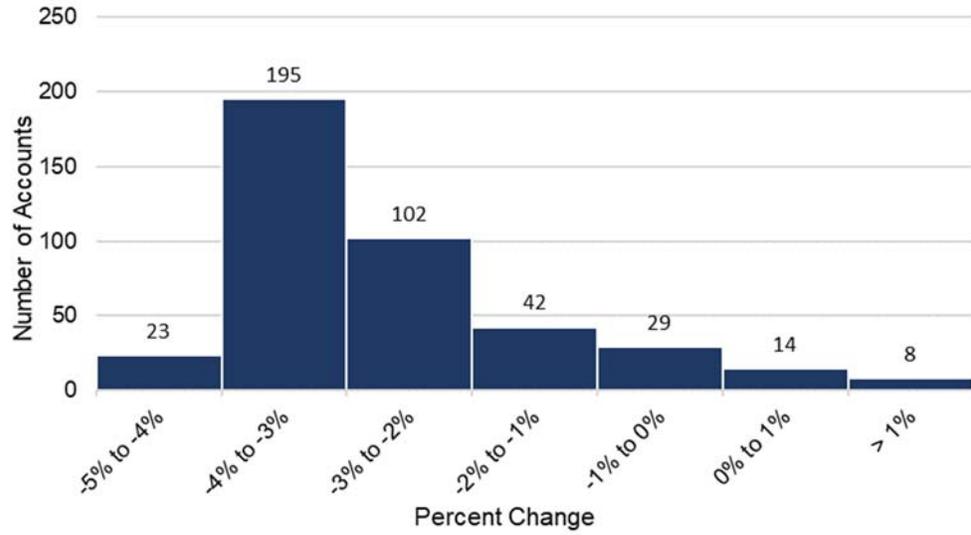
<b>Summer</b>	May, June, September & October
<b>Summer Peak</b>	July & August
<b>Winter</b>	November, December, January, February, March & April

## Customer Bill Impacts

With every price change, SRP attempts to balance price plan objectives with the impact on customer bills. SRP works to ensure that all customer bill impacts as the result of a price change fall within a reasonable range around the mean. A vast majority of the accounts taking service under this price plan would receive an overall decrease. Those accounts not receiving a decrease generally have lower load factors, as a result of efforts to better recover fixed costs.

Note that individual customer impacts will vary, both on a percentage and absolute dollar basis depending on the actual amount and pattern of energy usage. See Figure 67 for E-61 bill impact details based on actual billing data from customers with 12 consecutive months of data ending August 2018.

Figure 67 Proposed Annual E-61 Customer Account Bill Impacts



[E-63 at a glance](#)*>300 MWh**Take service at primary voltage level**Prices vary by season and time of day**Proposed annualized decrease: 3.0%*

## E-63 Primary Service

### Standard Price Plan for Primary Large General Service

#### Overview

The E-63 Price Plan is a Time-of-Use plan for customers having gross monthly billing energy in excess of 300,000 kilowatt-hours for three consecutive months, supplied through one point of delivery and measured through one meter at the primary level. Primary service is defined as not requiring SRP transformation below the voltage level at the low side of a distribution substation.

#### Key Facts

*Test Year: 2019 Financial Plan, Fiscal Year 2020*

<b>Customer Accounts</b>	45
<b>Annual Revenue</b>	\$37.8M (1% of SRP's retail electric revenue)
<b>Annual Usage</b>	470,675 MWh (2% of SRP's retail energy sales)

#### Proposed Changes

**Annual Impact** -3.0% (-2.6% winter, -7.5% summer, +3.3% summer peak)

- Continue to align price plan components with marginal costs
- No proposed changes for time-of-use periods
- See Figure 68 for a detailed comparison of the current and proposed E-63 Price Plan

Figure 68 E-63 Pricing Components Detailed Comparison

<b>Monthly Service Charges</b>	<b>Current*</b> <i>May 2018 – April 2019 billing cycle</i>	<b>Proposed</b> <i>May 2019 billing cycle</i>
Billing and Customer Service	\$498.17	\$733.05
Meter (per billing meter)	\$32.60	\$74.52
<b>Total (with one meter)</b>	<b>\$530.77</b>	<b>\$807.57</b>

<b>Monthly Facilities Charges per kW</b>	<b>kW</b>	<b>kW</b>
Distribution Facilities	\$2.14	\$0.11
Distribution Delivery	\$0.00	\$2.38
Billing and Customer Service	\$0.35	\$0.00
<b>Total</b>	<b>\$2.49</b>	<b>\$2.49</b>

**Per kW Charges (Monthly On-Peak Max kW)**

<b>Summer</b>	<b>On-Peak Max kW</b>	<b>On-Peak Max kW</b>
Distribution Delivery	\$0.00	\$1.55
Transmission	\$1.28	\$1.61
Generation	\$1.90	\$3.37
<b>Total</b>	<b>\$3.18</b>	<b>\$6.53</b>

<b>Summer Peak</b>	<b>On-Peak Max kW</b>	<b>On-Peak Max kW</b>
Distribution Delivery	\$0.00	\$3.90
Transmission	\$1.55	\$1.91
Generation	\$2.57	\$4.32
<b>Total</b>	<b>\$4.12</b>	<b>\$10.13</b>

<b>Winter</b>	<b>On-Peak Max kW</b>	<b>On-Peak Max kW</b>
Distribution Delivery	\$0.00	\$1.27
Transmission	\$0.44	\$0.32
Generation	\$1.45	\$0.18
<b>Total</b>	<b>\$1.89</b>	<b>\$1.77</b>

(Continued on next page)

Per kWh Charges	Current*			Proposed		
	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
<b>Summer</b>						
Distribution Delivery	\$0.0213	\$0.0159	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Transmission	\$0.0120	\$0.0119	\$0.0000	\$0.0053	\$0.0049	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0010	\$0.0010	\$0.0000	\$0.0019	\$0.0019	\$0.0000
Ancillary Services 3-6	\$0.0009	\$0.0009	\$0.0009	\$0.0010	\$0.0010	\$0.0010
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0364	\$0.0347	\$0.0073	\$0.0425	\$0.0329	\$0.0154
Fuel and Purchased Power Adjustment	\$0.0281	\$0.0281	\$0.0281	\$0.0256	\$0.0256	\$0.0256
<b>Total</b>	<b>\$0.1059</b>	<b>\$0.0987</b>	<b>\$0.0425</b>	<b>\$0.0792</b>	<b>\$0.0692</b>	<b>\$0.0449</b>

	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
<b>Summer Peak</b>						
Distribution Delivery	\$0.0229	\$0.0208	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Transmission	\$0.0249	\$0.0120	\$0.0000	\$0.0098	\$0.0054	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0010	\$0.0010	\$0.0000	\$0.0019	\$0.0019	\$0.0000
Ancillary Services 3-6	\$0.0009	\$0.0009	\$0.0009	\$0.0010	\$0.0010	\$0.0010
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0569	\$0.0357	\$0.0135	\$0.0700	\$0.0532	\$0.0252
Fuel and Purchased Power Adjustment	\$0.0281	\$0.0281	\$0.0281	\$0.0256	\$0.0256	\$0.0256
<b>Total</b>	<b>\$0.1409</b>	<b>\$0.1047</b>	<b>\$0.0487</b>	<b>\$0.1112</b>	<b>\$0.0900</b>	<b>\$0.0547</b>

	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
<b>Winter</b>						
Distribution Delivery	\$0.0160	\$0.0158	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Transmission	\$0.0119	\$0.0118	\$0.0000	\$0.0048	\$0.0049	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0010	\$0.0010	\$0.0000	\$0.0019	\$0.0018	\$0.0000
Ancillary Services 3-6	\$0.0006	\$0.0006	\$0.0006	\$0.0009	\$0.0009	\$0.0009
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0224	\$0.0223	\$0.0135	\$0.0312	\$0.0283	\$0.0147
Fuel and Purchased Power Adjustment	\$0.0198	\$0.0198	\$0.0198	\$0.0237	\$0.0237	\$0.0237
<b>Total</b>	<b>\$0.0779</b>	<b>\$0.0775</b>	<b>\$0.0401</b>	<b>\$0.0654</b>	<b>\$0.0625</b>	<b>\$0.0422</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Hours

<b>On-Peak</b>	<b>May 1 - October 31:</b> Daily 2-7 p.m. (MST) <b>November 1 - April 30:</b> Weekdays 5-9 a.m. (MST)
<b>Shoulder-Peak</b>	<b>May 1 - October 31:</b> Daily 11 a.m.-2 p.m. and 7-11 p.m. (MST) <b>November 1 - April 30:</b> Weekdays 5-9 p.m. (MST)
<b>Off-Peak</b>	<b>Year-Round:</b> All other hours

## Pricing Seasons

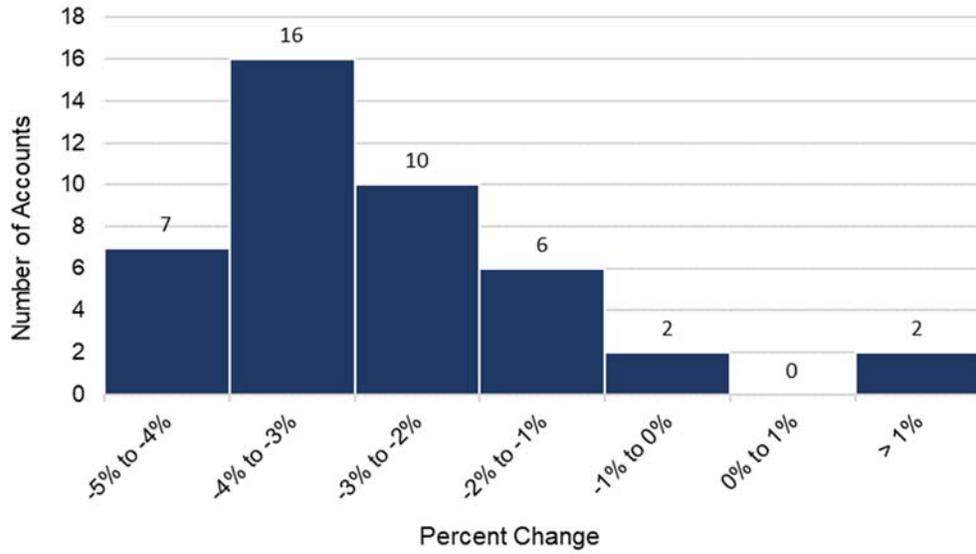
<b>Summer</b>	May, June, September & October
<b>Summer Peak</b>	July & August
<b>Winter</b>	November, December, January, February, March & April

## Customer Bill Impacts

With every price change, SRP attempts to balance price plan objectives with the impact on customer bills. SRP works to ensure that all customer bill impacts as the result of a price change fall within a reasonable range around the mean. A vast majority of the accounts taking service under this price plan would receive an overall decrease. Those accounts not receiving a decrease generally have lower load factors, as a result of efforts to better recover fixed costs.

Note that individual customer impacts will vary, both on a percentage and absolute dollar basis depending on the actual amount and pattern of energy usage. See Figure 69 for E-63 bill impact details based on actual billing data from customers with 12 consecutive months of data ending August 2018.

Figure 69 Proposed Annual E-63 Customer Account Bill Impacts



**E-65 at a glance**

*Take service at low side of substation transformer*

*Prices vary by season and time of day*

*Proposed annualized decrease: 4.2%*

## **E-65 Substation Service**

### **Standard Price Plan for Substation Large General Service**

#### **Overview**

The E-65 Price Plan is a Time-of-Use price plan mandatory for customers whose service is metered at the low side of a dedicated substation transformer(s), and supplied through one point of delivery and measured through one or more meters as approved by SRP.

This customer class is unique when viewed from the perspective of electrical service configuration, as reflected in their pricing structure. Customers in this class are served through a substation transformer(s). Pricing for these facilities is defined by customer-specific contracts.

#### **Key Facts**

*Test Year: 2019 Financial Plan, Fiscal Year 2020*

**Customer Accounts** 49

**Annual Revenue** \$305.6M (10% of SRP's retail electric revenue)

**Annual Usage** 4,820,838 MWh (16% of SRP's retail energy sales)

*\*Includes figures for customers on the E-66 price plan*

#### **Proposed Changes**

**Annual Impact** -4.2% (-3.5% winter, -11.6% summer, +6.5% summer peak)

- Continue to align price plan components with marginal costs
- No proposed changes for time-of-use periods
- See Figure 70 for a detailed comparison of the current and proposed E-65 Price Plans

Figure 70 E-65 Pricing Components Detailed Comparison

<b>Monthly Service Charges</b>	<b>Current*</b> <i>May 2018 – April 2019 billing cycle</i>	<b>Proposed</b> <i>May 2019 billing cycle</i>
Billing and Customer Service	\$3,784.27	\$4,286.75
Meter (per billing meter)	\$233.47	\$207.42
<b>Total (with one meter)</b>	<b>\$4,017.74</b>	<b>\$4,494.17</b>

**Monthly Facilities Charge****Customer Specific – See Facilities Rider****Per kW Charges (Monthly On-Peak Max kW)**

<b>Summer</b>	<b>On-Peak Max kW</b>	<b>On-Peak Max kW</b>
Transmission	\$1.87	\$1.56
Generation	\$2.50	\$5.36
<b>Total</b>	<b>\$4.37</b>	<b>\$6.92</b>

<b>Summer Peak</b>	<b>On-Peak Max kW</b>	<b>On-Peak Max kW</b>
Transmission	\$2.45	\$2.50
Generation	\$4.26	\$12.33
<b>Total</b>	<b>\$6.71</b>	<b>\$14.83</b>

<b>Winter</b>	<b>On-Peak Max kW</b>	<b>On-Peak Max kW</b>
Transmission	\$0.42	\$0.38
Generation	\$3.30	\$2.63
<b>Total</b>	<b>\$3.72</b>	<b>\$3.01</b>

**Per kWh Charges**

<b>Summer</b>	<b>On-Peak kWh</b>	<b>Shoulder-Peak kWh</b>	<b>Off-Peak kWh</b>	<b>On-Peak kWh</b>	<b>Shoulder-Peak kWh</b>	<b>Off-Peak kWh</b>
Distribution Delivery	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Transmission	\$0.0119	\$0.0116	\$0.0000	\$0.0042	\$0.0038	\$0.0001
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0010	\$0.0010	\$0.0000	\$0.0015	\$0.0015	\$0.0000
Ancillary Services 3-6	\$0.0009	\$0.0009	\$0.0009	\$0.0010	\$0.0010	\$0.0010
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0363	\$0.0346	\$0.0072	\$0.0226	\$0.0225	\$0.0154
Fuel and Purchased Power Adjustment	\$0.0280	\$0.0280	\$0.0280	\$0.0253	\$0.0253	\$0.0253
<b>Total</b>	<b>\$0.0843</b>	<b>\$0.0823</b>	<b>\$0.0423</b>	<b>\$0.0575</b>	<b>\$0.0570</b>	<b>\$0.0447</b>

*(Continued on next page)*

Per kWh Charges (continued)	Current*			Proposed		
	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
<b>Summer Peak</b>						
Distribution Delivery	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Transmission	\$0.0248	\$0.0119	\$0.0000	\$0.0070	\$0.0039	\$0.0001
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0010	\$0.0010	\$0.0000	\$0.0016	\$0.0016	\$0.0000
Ancillary Services 3-6	\$0.0009	\$0.0009	\$0.0009	\$0.0010	\$0.0010	\$0.0010
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0568	\$0.0356	\$0.0128	\$0.0471	\$0.0362	\$0.0242
Fuel and Purchased Power Adjustment	\$0.0280	\$0.0280	\$0.0280	\$0.0253	\$0.0253	\$0.0253
<b>Total</b>	<b>\$0.1177</b>	<b>\$0.0836</b>	<b>\$0.0479</b>	<b>\$0.0849</b>	<b>\$0.0709</b>	<b>\$0.0535</b>

Winter	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
	Distribution Delivery	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Transmission	\$0.0116	\$0.0114	\$0.0000	\$0.0021	\$0.0020	\$0.0001
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0010	\$0.0010	\$0.0000	\$0.0015	\$0.0015	\$0.0000
Ancillary Services 3-6	\$0.0006	\$0.0006	\$0.0006	\$0.0010	\$0.0009	\$0.0009
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0223	\$0.0222	\$0.0093	\$0.0181	\$0.0177	\$0.0124
Fuel and Purchased Power Adjustment	\$0.0197	\$0.0197	\$0.0197	\$0.0235	\$0.0235	\$0.0235
<b>Total</b>	<b>\$0.0614</b>	<b>\$0.0611</b>	<b>\$0.0358</b>	<b>\$0.0491</b>	<b>\$0.0485</b>	<b>\$0.0398</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Hours

<b>On-Peak</b>	<b>May 1 - October 31:</b> Daily 2-7 p.m. (MST) <b>November 1 - April 30:</b> Weekdays 5-9 a.m. (MST)
<b>Shoulder-Peak</b>	<b>May 1 - October 31:</b> Daily 11 a.m.-2 p.m. and 7-11 p.m. (MST) <b>November 1 - April 30:</b> Weekdays 5-9 p.m. (MST)
<b>Off-Peak</b>	<b>Year-Round:</b> All other hours

### Pricing Seasons

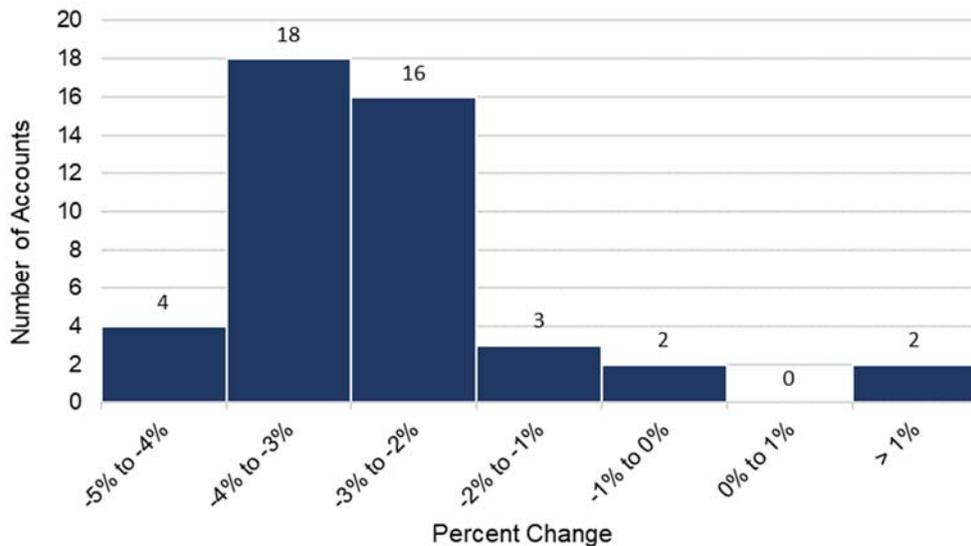
<b>Summer</b>	May, June, September & October
<b>Summer Peak</b>	July & August
<b>Winter</b>	November, December, January, February, March & April

### Customer Bill Impacts

With every price change, SRP attempts to balance price plan objectives with the impact on customer bills. SRP works to ensure that all customer bill impacts as the result of a price change fall within a reasonable range around the mean. A vast majority of the accounts taking service under this price plan would receive an overall decrease. Those accounts not receiving a decrease generally have lower loads, as a result of efforts to better recover costs.

Note that individual customer impacts will vary, both on a percentage and absolute dollar basis depending on the actual amount and pattern of energy usage. See Figure 71 for E-65 bill impact details based on actual billing data from customers with 12 consecutive months of data ending August 2018.

Figure 71 Proposed Annual E-65 Customer Account Bill Impacts



[E-66 at a glance](#)

>=5 MW load

Take service at low side of substation transformer

All or portion of load must be made instantaneously interruptible

## E-66 Substation with Interruptible Load

### Standard Price Plan for Substation Large General Service with Instantaneously Interruptible Load

#### Overview

The E-66 Price Plan is a Time-of-Use price plan, similar to the E-65 Price Plan, with the following exceptions:

- An extended off-peak period in the winter season.
- Customer must provide a minimum of 5 megawatts of load that can be instantaneously interrupted, for which a credit is provided.
- Price differential between weekdays and weekends during summer and summer peak seasons.

Instantaneously interruptible load must be isolated from non-instantaneously interruptible load and served from dedicated substation bay(s). Total interruptible load served under the Customized Interruptible Rider and the E-66 Price Plan is limited to 205 MW in aggregate and allocated between the rider and this price plan as determined solely by SRP.

#### Proposed Changes

- Management proposes changes to the E-66 Price Plan consistent with the proposed changes to the E-65 Price Plan
- Management proposes using a contract to define the interruptible credit in lieu of defining it as part of the E-66 Price Plan
- No proposed changes for time-of-use periods
- See Figure 72 for a detailed comparison of the current and proposed E-66 Price Plan

Figure 72 E-66 Pricing Components Detailed Comparison

<b>Monthly Service Charges</b>	<b>Current*</b> <i>May 2018 – April 2019 billing cycle</i>	<b>Proposed</b> <i>May 2019 billing cycle</i>
Billing and Customer Service	\$3,784.27	\$4,286.75
Meter (per billing meter)	\$233.47	\$207.42
<b>Total (with one meter)</b>	<b>\$4,017.74</b>	<b>\$4,494.17</b>

**Monthly Facilities Charge**

Customer Specific – See Facilities Rider

**Per kW Charges (Monthly On-Peak Max kW)**

<b>Summer</b>	On-Peak Max kW	On-Peak Max kW
Transmission	\$1.87	\$1.56
Generation	\$2.50	\$5.36
<b>Total</b>	<b>\$4.37</b>	<b>\$6.92</b>

<b>Summer Peak</b>	On-Peak Max kW	On-Peak Max kW
Transmission	\$2.45	\$2.50
Generation	\$4.26	\$12.33
<b>Total</b>	<b>\$6.71</b>	<b>\$14.83</b>

<b>Winter</b>	On-Peak Max kW	On-Peak Max kW
Transmission	\$0.42	\$0.38
Generation	\$3.30	\$2.63
<b>Total</b>	<b>\$3.72</b>	<b>\$3.01</b>

**Per kWh Charges**

<b>Summer Weekday</b>	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
Transmission	\$0.0119	\$0.0116	\$0.0000	\$0.0087	\$0.0086	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0010	\$0.0010	\$0.0000	\$0.0008	\$0.0008	\$0.0008
Ancillary Services 3-6	\$0.0009	\$0.0009	\$0.0009	\$0.0007	\$0.0007	\$0.0007
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0535	\$0.0505	\$0.0099	\$0.0454	\$0.0450	\$0.0096
Fuel and Purchased Power Adjustment	\$0.0280	\$0.0280	\$0.0280	\$0.0253	\$0.0253	\$0.0253
<b>Total</b>	<b>\$0.1015</b>	<b>\$0.0982</b>	<b>\$0.0450</b>	<b>\$0.0838</b>	<b>\$0.0833</b>	<b>\$0.0393</b>

(Continued on next page)

Per kWh Charges (continued)	Current*			Proposed		
	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
<b>Summer Weekend</b>						
Transmission	\$0.0116	\$0.0116	\$0.0000	\$0.0086	\$0.0086	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0010	\$0.0010	\$0.0000	\$0.0008	\$0.0008	\$0.0008
Ancillary Services 3-6	\$0.0009	\$0.0009	\$0.0009	\$0.0007	\$0.0007	\$0.0007
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0068	\$0.0068	\$0.0099	\$0.0060	\$0.0060	\$0.0096
Fuel and Purchased Power Adjustment	\$0.0280	\$0.0280	\$0.0280	\$0.0253	\$0.0253	\$0.0253
<b>Total</b>	<b>\$0.0545</b>	<b>\$0.0545</b>	<b>\$0.0450</b>	<b>\$0.0443</b>	<b>\$0.0443</b>	<b>\$0.0393</b>

Summer Peak Weekday	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
	Transmission	\$0.0248	\$0.0119	\$0.0000	\$0.0088	\$0.0087
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0010	\$0.0010	\$0.0000	\$0.0008	\$0.0008	\$0.0008
Ancillary Services 3-6	\$0.0009	\$0.0009	\$0.0009	\$0.0007	\$0.0007	\$0.0007
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0947	\$0.0750	\$0.0137	\$0.0883	\$0.0677	\$0.0119
Fuel and Purchased Power Adjustment	\$0.0280	\$0.0280	\$0.0280	\$0.0253	\$0.0253	\$0.0253
<b>Total</b>	<b>\$0.1556</b>	<b>\$0.1230</b>	<b>\$0.0488</b>	<b>\$0.1268</b>	<b>\$0.1061</b>	<b>\$0.0416</b>

Summer Peak Weekend	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
	Distribution Delivery	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Transmission	\$0.0119	\$0.0119	\$0.0000	\$0.0086	\$0.0086	\$0.0000
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0010	\$0.0010	\$0.0000	\$0.0008	\$0.0008	\$0.0008
Ancillary Services 3-6	\$0.0009	\$0.0009	\$0.0009	\$0.0007	\$0.0007	\$0.0007
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0103	\$0.0103	\$0.0137	\$0.0086	\$0.0086	\$0.0119
Fuel and Purchased Power Adjustment	\$0.0280	\$0.0280	\$0.0280	\$0.0253	\$0.0253	\$0.0253
<b>Total</b>	<b>\$0.0583</b>	<b>\$0.0583</b>	<b>\$0.0488</b>	<b>\$0.0469</b>	<b>\$0.0469</b>	<b>\$0.0416</b>

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Per kWh Charges (continued) Winter	Current*		Proposed	
	On-Peak kWh	Off-Peak kWh	On-Peak kWh	Off-Peak kWh
Distribution Delivery	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Transmission	\$0.0116	\$0.0000	\$0.0024	\$0.0001
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0010	\$0.0000	\$0.0008	\$0.0000
Ancillary Services 3-6	\$0.0006	\$0.0006	\$0.0007	\$0.0007
System Benefits	\$0.0007	\$0.0007	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0000	\$0.0000
Generation	\$0.0223	\$0.0105	\$0.0186	\$0.0128
Fuel and Purchased Power Adjustment	\$0.0197	\$0.0197	\$0.0235	\$0.0235
<b>Total</b>	<b>\$0.0614</b>	<b>\$0.0370</b>	<b>\$0.0489</b>	<b>\$0.0400</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Hours

<b>On-Peak</b>	<b>May 1 - October 31:</b> Weekdays 2-7 p.m. (MST) <b>May 1 - October 31:</b> Weekends 2-7 p.m. (MST) <b>November 1 - April 30:</b> Weekdays 5-9 a.m. (MST)
<b>Shoulder-Peak</b>	<b>May 1 - October 31:</b> Weekdays 11 a.m.-2 p.m. and 7-11 p.m. (MST) <b>May 1 - October 31:</b> Weekends 11 a.m.-2 p.m. and 7-11 p.m. (MST)
<b>Off-Peak</b>	<b>Year-Round:</b> All other hours

## Pricing Seasons

<b>Summer</b>	May, June, September & October
<b>Summer Peak</b>	July & August
<b>Winter</b>	November, December, January, February, March & April

**[E-67 at a glance](#)**

*New price plan*

*Take service at low side of substation transformer*

*Requires minimum of 20 MW and 90% load factor*

## **E-67 Large Extra High Load Factor Substation Service**

### **Price Plan for Large Extra High Load Factor Substation Large General Service**

#### **Overview**

The E-67 Price Plan is a Time-of-Use price plan, similar to the E-65 Price Plan, with the following exceptions:

- Account is required to have a minimum load factor of 90 percent
- Account must have a minimum load of 20 megawatts
- Demand charge will be based on the maximum demand occurring in the billing cycle

This price plan is unique in structure, as it provides SRP with the most heavily weighted fixed cost recovery mechanism, as reflected in its pricing structure. Customers in this class are served through a substation transformer(s). Pricing for these facilities is defined by customer-specific contracts.

#### **Proposal**

This price plan is for substation customer accounts with minimum loads of 20 MW accompanied by a minimum load factor of 90 percent. Compared to the E-65 price plan, this price plan has higher per-kW demand charges and lower per-kWh energy charges. It was designed to generate the same level of revenues as E-65 if the rate was applied to all E-65 customers. Some revenue loss due to current eligible E-65 customers selecting the price plan is anticipated and has been factored into the overall proposal. This price plan provides qualified high load factor customers with a discount compared to the Standard E-65 Price Plan while still maintaining adequate cost recovery.

See Figure 73 for the proposed E-67 Price Plan.

Figure 73 E-67 Pricing Components

<b>Monthly Service Charges</b>	<b>Proposed</b> <i>May 2019 billing cycle</i>
Billing and Customer Service	\$4,286.75
Meter (per billing meter)	\$207.42
<b>Total (with one meter)</b>	<b>\$4,494.17</b>

**Monthly Facilities Charge**                      **Customer Specific – See Facilities Rider**

**Per kW Charge (Monthly Max kW)**

<b>Summer</b>	<b>Max kW</b>
Transmission	\$2.74
Transmission Cost Adjustment	\$0.00
Ancillary Services 1-2	\$0.45
Ancillary Services 3-6	\$0.58
Generation	\$13.00
<b>Total</b>	<b>\$16.77</b>

<b>Summer Peak</b>	<b>Max kW</b>
Transmission	\$3.77
Transmission Cost Adjustment	\$0.00
Ancillary Services 1-2	\$0.45
Ancillary Services 3-6	\$0.59
Generation	\$22.49
<b>Total</b>	<b>\$27.30</b>

<b>Winter</b>	<b>Max kW</b>
Transmission	\$0.74
Transmission Cost Adjustment	\$0.00
Ancillary Services 1-2	\$0.21
Ancillary Services 3-6	\$0.54
Generation	\$8.50
<b>Total</b>	<b>\$9.99</b>

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Per kWh Charges	Proposed		
	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
<b>Summer</b>			
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000
System Benefits	\$0.0029	\$0.0029	\$0.0029
Generation	\$0.0077	\$0.0071	\$0.0041
Fuel and Purchased Power Adjustment	\$0.0253	\$0.0253	\$0.0253
<b>Total</b>	<b>\$0.0359</b>	<b>\$0.0353</b>	<b>\$0.0323</b>

Summer Peak	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
	Transmission Cost Adjustment	\$0.0000	\$0.0000
System Benefits	\$0.0029	\$0.0029	\$0.0029
Generation	\$0.0221	\$0.0162	\$0.0094
Fuel and Purchased Power Adjustment	\$0.0253	\$0.0253	\$0.0253
<b>Total</b>	<b>\$0.0503</b>	<b>\$0.0444</b>	<b>\$0.0376</b>

Winter	On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
	Transmission Cost Adjustment	\$0.0000	\$0.0000
System Benefits	\$0.0029	\$0.0029	\$0.0029
Generation	\$0.0066	\$0.0060	\$0.0028
Fuel and Purchased Power Adjustment	\$0.0235	\$0.0235	\$0.0235
<b>Total</b>	<b>\$0.0330</b>	<b>\$0.0324</b>	<b>\$0.0292</b>

## Hours

<b>On-Peak</b>	<b>May 1 - October 31:</b> Daily 2-7 p.m. (MST) <b>November 1 - April 30:</b> Weekdays 5-9 a.m. (MST)
<b>Shoulder-Peak</b>	<b>May 1 - October 31:</b> Daily 11 a.m.-2 p.m. and 7-11 p.m. (MST) <b>November 1 - April 30:</b> Weekdays 5-9 p.m. (MST)
<b>Off-Peak</b>	<b>Year-Round:</b> All other hours

## Pricing Seasons

<b>Summer</b>	May, June, September & October
<b>Summer Peak</b>	July & August
<b>Winter</b>	November, December, January, February, March & April

### CPP at a glance

*There are currently no customers on the CPP price plan*

*Customer impacts would be similar to those under E-65*

## Experimental Critical Peak Plan

### Critical Peak Experimental Price Plan Supplemental to E-65 Standard Price Plan for Substation Large General Service

#### Overview

The Critical Peak Experimental price plan (CPP) allows some of SRP's largest customers to respond to day-ahead price signals associated with SRP's on-peak periods. "Critical days" are called at SRP's discretion (depending on the day-ahead forecast of SRP load and market prices). On these days, a pre-established critical on-peak price applies. Participating customers have the opportunity to save money by reducing load during the on-peak period of a designated critical day.

Customers receive a lower on-peak price on non-critical days. This program is intended to provide mutual benefits for both the customer and SRP. Customers that can respond to critical day price signals will save on their bills, while SRP can avoid the cost of serving curtailed load during the peak period of a critical day.

Eligibility is determined solely by SRP and participation is limited to five customer accounts that have the ability to curtail load during the on-peak period. This experimental price plan has been designed to allow for a minimum of 10 critical peak days per year and a maximum of 40 days per year. This price plan mirrors the E-65 Price Plan, with the exception of the on-peak energy prices. Based on this design, participating customers who can reduce load may save over the standard E-65 Price Plan. A customer who participates but does not reduce load would pay a premium above the standard E-65 Price Plan.

As a supplemental price plan to the Standard Price Plan for Substation Large General Service (E-65), this experimental price plan is subject to all the same general terms, conditions and riders as the E-65 Price Plan. This price plan is not available to customer load currently receiving credit under the customized interruptible program. As of August 2018, there were no customers taking service under this price plan. See Figure 74 for the proposed CPP Price Plan.

Figure 74 CPP Pricing Components Detailed Comparison

<b>Monthly Service Charges</b>	<b>Current*</b> <i>May 2018 – April 2019 billing cycle</i>	<b>Proposed</b> <i>May 2019 billing cycle</i>
Billing and Customer Service	\$3,784.27	\$4,286.75
Meter (per billing meter)	\$233.47	\$207.42
<b>Total</b>	<b>\$4,017.74</b>	\$4,494.17

**Monthly Facilities Charge**

Customer Specific – See Facilities Rider

**Per kW Charges**

<b>Summer</b>	On-Peak Max kW	On-Peak Max kW
Transmission	\$1.87	\$1.56
Generation	\$2.50	\$5.36
<b>Total</b>	<b>\$4.37</b>	<b>\$6.92</b>

<b>Summer Peak</b>	On-Peak Max kW	On-Peak Max kW
Transmission	\$2.45	\$2.50
Generation	\$4.26	\$12.33
<b>Total</b>	<b>\$6.71</b>	<b>\$14.83</b>

<b>Winter</b>	On-Peak Max kW	On-Peak Max kW
Transmission	\$0.42	\$0.38
Generation	\$3.30	\$2.63
<b>Total</b>	<b>\$3.72</b>	<b>\$3.01</b>

*(Continued on next page)*

## Per kWh Charges

Summer	Current*				Proposed			
	CP On-Peak kWh	Other On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh	CP On-Peak kWh	Other On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
Transmission	\$0.0119	\$0.0119	\$0.0116	\$0.0000	\$0.0042	\$0.0042	\$0.0038	\$0.0001
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0010	\$0.0010	\$0.0010	\$0.0000	\$0.0015	\$0.0015	\$0.0015	\$0.0000
Ancillary Services 3-6	\$0.0009	\$0.0009	\$0.0009	\$0.0009	\$0.0010	\$0.0010	\$0.0010	\$0.0010
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Billing and Customer Service	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.2137	\$0.0354	\$0.0346	\$0.0072	\$0.2016	\$0.0225	\$0.0225	\$0.0154
Fuel and Purchased Power Adjustment	\$0.0280	\$0.0280	\$0.0280	\$0.0280	\$0.0253	\$0.0253	\$0.0253	\$0.0253
<b>Total</b>	<b>\$0.2617</b>	<b>\$0.0834</b>	<b>\$0.0823</b>	<b>\$0.0423</b>	<b>\$0.2365</b>	<b>\$0.0574</b>	<b>\$0.0570</b>	<b>\$0.0447</b>

Summer Peak	CP On-Peak kWh	Other On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh	CP On-Peak kWh	Other On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
Transmission	\$0.0248	\$0.0248	\$0.0119	\$0.0000	\$0.0070	\$0.0070	\$0.0039	\$0.0001
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0010	\$0.0010	\$0.0010	\$0.0000	\$0.0016	\$0.0016	\$0.0016	\$0.0000
Ancillary Services 3-6	\$0.0009	\$0.0009	\$0.0009	\$0.0009	\$0.0010	\$0.0010	\$0.0010	\$0.0010
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Billing and Customer Service	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.2396	\$0.0392	\$0.0356	\$0.0128	\$0.2683	\$0.0399	\$0.0362	\$0.0242
Fuel and Purchased Power Adjustment	\$0.0280	\$0.0280	\$0.0280	\$0.0280	\$0.0253	\$0.0253	\$0.0253	\$0.0253
<b>Total</b>	<b>\$0.3005</b>	<b>\$0.1001</b>	<b>\$0.0836</b>	<b>\$0.0479</b>	<b>\$0.3061</b>	<b>\$0.0777</b>	<b>\$0.0709</b>	<b>\$0.0535</b>

Winter	CP On-Peak kWh	Other On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh	CP On-Peak kWh	Other On-Peak kWh	Shoulder-Peak kWh	Off-Peak kWh
Transmission	\$0.0116	\$0.0114	\$0.0114	\$0.0000	\$0.0021	\$0.0020	\$0.0020	\$0.0001
Transmission Cost Adjustment	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Ancillary Services 1-2	\$0.0010	\$0.0010	\$0.0010	\$0.0000	\$0.0015	\$0.0015	\$0.0015	\$0.0000
Ancillary Services 3-6	\$0.0006	\$0.0006	\$0.0006	\$0.0006	\$0.0010	\$0.0009	\$0.0009	\$0.0009
System Benefits	\$0.0007	\$0.0007	\$0.0007	\$0.0007	\$0.0029	\$0.0029	\$0.0029	\$0.0029
Environmental Programs Adjustment	\$0.0055	\$0.0055	\$0.0055	\$0.0055	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Billing and Customer Service	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
Generation	\$0.0840	\$0.0222	\$0.0222	\$0.0093	\$0.0795	\$0.0177	\$0.0177	\$0.0124
Fuel and Purchased Power Adjustment	\$0.0197	\$0.0197	\$0.0197	\$0.0197	\$0.0235	\$0.0235	\$0.0235	\$0.0235
<b>Total</b>	<b>\$0.1231</b>	<b>\$0.0611</b>	<b>\$0.0611</b>	<b>\$0.0358</b>	<b>\$0.1105</b>	<b>\$0.0485</b>	<b>\$0.0485</b>	<b>\$0.0398</b>

\*Current prices reflective of temporary Fuel and Purchased Power Adjustment Mechanism decreases for the respective periods

## Hours

<b>On-Peak</b>	<b>May 1 - October 31:</b> Daily 2-7 p.m. (MST) <b>November 1 - April 30:</b> Weekdays 5-9 a.m. (MST)
<b>Shoulder-Peak</b>	<b>May 1 - October 31:</b> Daily 11 a.m.-2 p.m. and 7-11 p.m. (MST) <b>November 1 - April 30:</b> Weekdays 5-9 p.m. (MST)
<b>Off-Peak</b>	<b>Year-Round:</b> All other hours

## Pricing Seasons

<b>Summer</b>	May, June, September & October
<b>Summer Peak</b>	July & August
<b>Winter</b>	November, December, January, February, March & April

## **Business Community Solar Pilot Rider**

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**Supplemental to General Service Price Plans E-32 and E-36  
Pumping Price Plans E-47 and E-48  
Large General Service Price Plans E-61, E-63, E-65 and E-66**

Management proposes no changes to this rider. **This rider is currently frozen for new participation.**

The Business Community Solar Pilot Rider is an optional program by which SRP can provide business customers with an alternative to traditional rooftop solar. Customers pay a fixed charge per kWh for the solar energy they receive under the program; while SRP prices may change over time, the price paid for this solar energy is fixed for 10 years. SRP retains all of the “Environmental Attributes” (or RECs) associated with the renewable energy produced under the program.

## Buyback Service Rider

**General Service Price Plans E-32 and E-36**  
**Large General Service Price Plans E-61, E-63, E-65, E-66 and E-67**

The Buyback Service Rider establishes the price at which SRP purchases power from retail electric customers operating cogeneration or small power production equipment. The rider allows participating customers to sell power to SRP using a market-indexed price, less a transaction fee.

Management proposes extending this rider to the E-67 price plan.

Management also proposes increasing the transaction fee for this rider from \$0.00017/kWh to \$0.00032 kWh. This transaction fee represents the cost incurred by SRP for scheduling, system control, and dispatch services.

The proposed change to this rider is specified below, effective with the May 2019 billing cycle:

### Current

$$\text{Buyback Credit} = \sum [(\text{Hourly Buyback Energy}) \times (\text{Hourly Indexed Energy Price} - \$0.00017/\text{kWh})]$$

### Proposed

$$\text{Buyback Credit} = \sum [(\text{Hourly Buyback Energy}) \times (\text{Hourly Indexed Energy Price} - \$0.00032/\text{kWh})]$$

## Community Solar for Schools Pilot Rider

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Supplemental to General Service Price Plans E-32 and E-36  
Large General Service Price Plan E-61

Management proposes no changes to this rider. **This rider is currently frozen for new participation.**

The Community Solar for Schools Pilot Rider is an optional program by which SRP can provide schools with an alternative to traditional rooftop solar. Customers pay a fixed charge per kWh for the solar energy they receive under the program; while SRP prices may change over time, the price paid for this solar energy is fixed for 10 years. SRP retains all of the “Environmental Attributes” (RECs) associated with the renewable energy produced under the program.

## Customized Interruptible Rider

**Supplemental to General Service Price Plans E-32 and E-36  
Pumping Price Plans E-47 and E-48  
Large General Service Price Plans E-61, E-63, E-65 and E-67**

Management proposes no changes to this rider other than extending it to the E-67 price plan.

The Customized Interruptible Rider is applicable to general service, pumping and large general service price plans with a minimum interruptible load of 100 kW. Total interruptible load served under the Customized Interruptible Rider and E-66 Price Plan is limited to 205 MW in aggregate and allocated between the rider and price plan as determined solely by SRP.

Customers taking service under this rider are eligible for credits in exchange for curtailing load at the request of SRP. The amount of the credit(s) will be determined by SRP based on the following criteria as solely determined by SRP:

- 1) The credit shall not exceed SRP's avoided cost of generation and, if applicable, transmission.
- 2) The number of interruptions allowed.
- 3) The types of interruptions allowed (economic, emergency, and/or other).
- 4) The duration of the interruptions.
- 5) The length of the advance notice of curtailment required.
- 6) Amount of load to be curtailed.

## **Demand Excursion Pilot Rider**

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### **Supplemental to Residential Price Plans E-27 and E-27 P**

Management proposes no changes to this rider.

The Demand Excursion Pilot Rider caps customers' billing demand in each billing cycle at 3 kW over the customer's highest on-peak billing demand occurring in the preceding 12 billing cycles. Participation is limited to 10,000 customers and the pilot will expire at the end of the April 2021 billing cycle.

## Economy Discount Rider

**Supplemental to Residential Price Plans E-13, E-14, E-15, E-21, E-22, E-23, E-24, E-26, E-27, E-28, and E-29**

Management proposes no changes to this rider other than extending it to the E-13, E-14, E-15, E-22 and E-29 price plans.

The Economy Discount Rider provides a flat discount per billing cycle to qualifying customers, providing relief to limited-income customers regardless of usage and is easy to administer. The current \$21 discount per month in the summer and summer peak billing cycles (May-October) and \$20 discount per month in the winter billing cycle (November-April) will remain the same.

This rider requires that the customer reside at the residence and have a household income at or below 150 percent of federal poverty guidelines.

SRP customers receiving Low Income Home Energy Assistance Program (LIHEAP) federal bill assistance or SRP Bill Assistance will continue to be automatically enrolled in the Economy Discount Rider.

Power Customer Services has an administrative plan that describes the qualification process, duration of eligibility, and delineates all administrative issues not explicitly stated in this rider. The monthly bill is calculated in accordance with the applicable Residential Price Plan. Discounts apply to all qualified customers in the SRP service territory regardless of provider of energy and energy-related services. The discount will be applied to the customer's total bill before any adjustments and application of any other taxes, credits, penalties, or fees. Should the customer's bill in a given billing month be less than the credit, the total bill is set to zero.

The Economy Discount Rider is not cumulative with the Medical Life Support Equipment Rider.

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## Energy for Education Pilot Rider

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**Supplemental to General Service Price Plans E-32 and E-36  
Large General Service Price Plan E-61**

Management proposes no changes to this rider. **This rider is currently frozen for new participation.**

The Energy for Education Pilot Rider is an optional program by which SRP can assist schools with replacing or retrofitting equipment, so that the schools use less electricity. This rider is applicable to public schools, public school districts or charter schools and is not available to other customers. Projects must meet the participation requirements established by applicable state legislation.

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## Facilities Rider

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### Supplemental to Large General Service Price Plans E-61, E-63, E-65, E-66 and E-67

Management proposes to allow the customer, at SRP's sole discretion, to be responsible for the engineering, design, procurement, and construction of a new dedicated substation facility in accordance with SRP standards and requirements. SRP will continue to own, operate, and maintain, and, except as noted above, engineer, design, procure, and build, all new dedicated substation facilities for which construction commenced after May 1, 2010.

Management also proposes extending this rider to the E-67 price plan.

The Facilities Rider is supplemental to Large General Service Price Plans E-61, E-63, E-65, E-66 and E-67. The rider currently consists of two types of charges:

- 1) An average distribution facilities charge for customers taking service from SRP's general distribution system (E-61 and E-63 customers)
- 2) A customer-specific charge for substation service (E-65 and E-66 customers)

## **Full Electric Service Requirements Rider**

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**Supplemental to General Service Price Plans E-32 and E-36  
Large General Service Price Plans E-61, E-63, E-65, E-66 and E-67**

Management proposes no changes to this rider other than extending it to the E-67 price plan.

The Full Electric Service Requirements Rider, which applies only to customers with loads (individual or in aggregate) of at least 1 MW, is an electricity pricing program that was developed in the mid-1990s to address competition in the electric industry. The purpose of the FESR was to give SRP a mechanism to retain customers who have a choice in their electric service provider. Under a FESR contract, a customer agrees to continue as a customer of SRP for a term of years, in exchange for a small discount on the energy portion of the bill.

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## Lighting Equipment Rider

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**Supplemental to General Service Price Plans E-32, E-34 and E-36  
Lighting Service Price Plans E-56 and E-57**

Management proposes no changes to this rider.

The Lighting Equipment Rider superseded the Municipal Public Lighting Equipment Rider, Non-Municipal Public Lighting Equipment Rider, and the Private Security Lighting Equipment Rider for all new SRP-owned lights beginning with the November 2012 billing cycle.

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## Market Price Pilot Rider

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### Supplemental to Large General Service Price Plans E-65, E-66 and E-67

Management proposes the development of a new Market Price Pilot Rider.

The Market Price Pilot Rider allows customers to substitute a market price for the Fuel and Purchased Power Adjustment price component of the applicable price plan. All other elements of the price plan remain the same. The Market Price Pilot Rider Charge is based on the firm prices for the Weighted Average Price of Electricity traded at Palo Verde, Arizona, from the Intercontinental Exchange Index (or another comparable index in the event the Intercontinental Exchange Index is no longer available) for the month and adjusted to reflect losses. The Market Price Charge is calculated at the time of billing. Any time at which the aggregate loads of the customers participating in this rider total more than 150 MW, participation by any additional customer will be at SRP's sole discretion.

## Medical Life Support Equipment Discount Rider

Supplemental to Residential Price Plans E-13, E-14, E-15, E-21, E-22, E-23, E-26, E-27 and E-29

Management proposes no changes to this rider other than extending it to the E-13, E-14, E-15, E-22 and E-29 price plans. **This rider is currently frozen for new participation.**

The Medical Life Support Equipment Discount Rider is intended to help SRP customers who have an individual in the household that requires medical life support equipment that is essential to the sustaining of life. The rider provides a monthly discount of \$17 per billing cycle. Additionally, measures are taken to work with customers to avoid disconnection of service outside SRP's normal credit policies.

## Monthly Energy Index Rider

Supplemental to Residential Price Plans E-13, E-14, E-15, E-21, E-22, E-23, E-26, E-27 and E-29  
 General Service Price Plans E-32 and E-36  
 Pumping Service Price Plans E-47 and E-48  
 Lighting Service Price Plans E-54, E-56 and E-57  
 Large General Service Price Plans E-61, E-63, E-65, E-66 and E-67

Management proposes extending this rider to the E-13, E-14, E-15, E-22, E-29, E-66 and E-67 price plans.

In addition, management proposes changing the Loss Adjustment factors as outlined in Figure 75 below:

### Loss Adjustments:

The loss factors used to adjust the base energy price shown in Figure 75 below:

Figure 75 Monthly Energy Index Rider Loss Adjustments

Service Level	Current		Proposed	
	Summer	Winter	Summer	Winter
Distribution (E-20s, E-30s, E-40s, E-50s)	1.0518	1.0479	1.0566	1.0599
LGS – Secondary (E-61)	1.0488	1.0444	1.0534	1.0580
LGS – Primary (E-63)	1.0430	1.0391	1.0408	1.0422
LGS – Secondary (E-65)	1.0375	1.0346	1.0309	1.0357

**Load Factor Adjustments:**

The base energy charge is also adjusted for variations in monthly load factors according to Figure 76 below:

**Figure 76 Monthly Energy Index Rider Load Factor Adjustments**

Monthly Load Factor	% Adjust Summer	% Adjust Winter
0 – 10	+52.25	+38.50
10 <sup>+</sup> – 20	+42.75	+31.50
20 <sup>+</sup> – 30	+33.25	+24.50
30 <sup>+</sup> – 40	+23.75	+17.50
40 <sup>+</sup> – 50	+14.25	+10.50
50 <sup>+</sup> – 60	+4.75	+3.50
60 <sup>+</sup> – 70	0.0	0.0
70 <sup>+</sup> – 80	-4.75	-3.50
80 <sup>+</sup> – 90	-9.50	-7.00
90 <sup>+</sup> – 100	-14.25	-10.50

The Monthly Energy Index Rider allows customers to receive a flat Monthly Average Energy Charge that replaces the Energy and Fuel and Purchased Power Adjustment price components in the applicable price plan. All other elements of the price plan remain the same. The Monthly Average Energy Charge is based on the firm prices for the Weighted Average Price of Electricity traded at Palo Verde, Arizona, from the Intercontinental Exchange Index (or another comparable index in the event the Intercontinental Exchange Index is no longer available) for the month and adjusted to reflect losses, individual customer load factors, and an administrative fee. The Monthly Average Energy Charge is recalculated monthly.

## **Municipal Public Lighting Equipment Rider**

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**Supplemental to General Service Price Plans E-32, E-34 and E-36  
Lighting Service Price Plan E-56**

Management proposes no changes to this rider. **This rider is currently frozen for new participation.**

The Municipal Public Lighting Equipment Rider is available for those municipal, state, county, and other governmental public lighting customers utilizing previously-installed public lighting facilities currently owned by SRP and taking service under the E-32, E-34, E-36 or E-56 price plans.

## **Non-Municipal Public Lighting Equipment Rider**

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**Supplemental to General Service Price Plans E-32, E-34 and E-36  
Lighting Service Price Plan E-56**

Management proposes no changes to this rider. **This rider is currently frozen for new participation.**

The Non-Municipal Public Lighting Equipment Rider is available for those non-governmental public lighting customers utilizing previously-installed public lighting facilities currently owned by SRP and taking service under the E-32, E-34, E-36 or E-56 price plans.

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## Private Security Lighting Equipment Rider

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Supplemental to General Service Price Plans E-32, E-34 and E-36  
Lighting Service Price Plan E-57

Management proposes no changes to this rider. **This rider is currently frozen for new participation.**

The Private Security Lighting Equipment Rider is available for those customers with outdoor lighting for security purposes for those facilities previously installed and currently owned by SRP. This service is not available to lighting used primarily for commercial, decorative, playground, work areas, or activities requiring illumination higher than an average of 2 foot-candles.

## **Renewable Energy Credit Pilot Rider**

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**Supplemental to Residential Price Plans E-13, E-14, E-15, E-21, E-22, E-23, E-26, E-27 and E-29**  
**General Service Price Plans E-32 and E-36**  
**Pumping Price Plans E-47 and E-48**  
**Large General Service Price Plans E-61, E-63, E-65, E-66 and E-67**

Management proposes no changes to this rider other than extending it to the new E-13, E-14, E-15, E-22, E-29 and E-67 price plans.

The Renewable Energy Credit Pilot Rider was introduced during the 2008 price process to respond to customers' requests for renewable energy. Under this rider, customers may purchase Renewable Energy Certificates (RECs) or participate in SRP's retirement of RECs, in either case associated with energy generated from renewable resources selected by SRP. This pilot rider will be open to participation by new customers until May 1, 2021.

## Renewable Energy Services Pilot Rider

**Supplemental to Residential Price Plans E-13, E-14, E-15, E-21, E-22, E-23, E-26, E-27 and E-29**  
**General Service Price Plans E-32 and E-36**  
**Pumping Price Plans E-47 and E-48**  
**Large General Service Price Plans E-61, E-63, E-65, E-66 and E-67**

Management proposes no changes to this rider other than extending it to the E-13, E-14, E-15, E-22, E-29 and E-67 price plans.

The Renewable Energy Services Pilot Rider allows customers to pay a fixed price for metered kilowatt-hours (kWh) attributable to one or more designated renewable facilities for a term of 10 years or such terms may be set forth in published programs. Customers will be obligated to purchase energy from SRP at the fixed price in amounts totaling the customer's pro-rata share of the energy production attributable to their subscribed capacity of the renewable facility or facilities regardless of their demand. SRP will retain all of the "Environmental Attributes" (or "RECs") associated with the renewable energy produced by the facility.

## Renewable Net Metering Rider

Supplemental to Residential Price Plans E-21, E-22, E-23, E-26 and E-29  
General Service Price Plans E-32 and E-36  
Pumping Price Plans E-47 and E-48  
Large General Service Price Plans E-61, E-63, E-65 and E-66

**This rider is currently frozen for new participation.**

The Renewable Net Metering Rider provides an opportunity for customers who have qualifying energy generating systems and who generate excess energy above their monthly usage to have that energy credited back to them and carried over to the following month by time-of-use period. Each April billing cycle, the customer will be credited for any remaining excess energy at an average annual market price. No credits are carried forward to the May billing cycle.

Management proposes extending this rider to the E-22 and E-29 price plans with respect to those customers who are exempt from required participation in E-27 due to their grandfathered status.

Management also proposes clarifying that grandfathered residential customers exempt from E-27 have the flexibility to return to the Renewable Net Metering Rider if they choose to try service under E-13, E-14, E-15, or E-27, and then elect to return to a price plan not specific to distributed generation customers.

Management also proposes increasing the transaction fee for this rider from \$0.00017/kWh to \$0.00032 kWh. This transaction fee represents the cost incurred by SRP for scheduling, system control, and dispatch services.

The proposed change to this rider is specified below, effective with the May 2019 billing cycle:

### **Current**

Renewable Net Metering Credit = Excess kWh for the April Billing Cycle X  
(Annual Average Peak Market Price - \$0.00017/kWh)

### **Proposed**

Renewable Net Metering Credit = Excess kWh for the April Billing Cycle X  
(Annual Average Peak Market Price - \$0.00032/kWh)

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## Residential Community Solar Pilot Rider

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Supplemental to Residential Price Plans E-21, E-22, E-23, E-26, E-27 and E-29

Management proposes no changes to this rider other than extending it to the E-22 and E-29 price plans. **This rider is currently frozen for new participation.**

The Residential Community Solar Pilot Rider is an optional program by which SRP can provide residential customers with an alternative to traditional rooftop solar. Customers pay a fixed monthly charge per kWh for the solar energy they receive under the program; while SRP prices may change over time, the price paid for this solar energy is fixed for five years. SRP retains all of the “Environmental Attributes” (or RECs) associated with the renewable energy produced under the program.

## Standby Electric Service Rider for Power Production Facilities

**Supplemental to Large General Service Price Plans E-61, E-63, E-65 and E-66**

The Standby Electric Service Rider provides reserved capacity for customers with distributed generation and is applicable to power production facilities equal to or greater than 3,000 kilowatts (kW) per customer site. The existing rider is structured as such that in lieu of the monthly On-Peak Max kW Charge under the applicable Large General Service price plan, all Generation costs and the portion of Transmission that is currently collected within the respective On-Peak Max kW Charge are converted into a Daily On-peak Max kW Charge.

Management proposes to replace the applicable price plan's Monthly Facilities Charge with an alternative Monthly Facilities Charge that converts the Distribution Delivery component within the respective price plan's On-Peak Max kW Charge into a monthly per kW charge. This change along with the following Per kW Charges in Figures 77-79 are proposed with respect to this rider.

**Figure 77 E-61 Standby Rider Charges**

Monthly Facilities Charge per kW*	Current kW	Proposed kW
Distribution Facilities	\$0.00	\$1.03
Distribution Delivery	\$0.00	\$3.83
<b>Total</b>	<b>\$0.00</b>	<b>\$4.86</b>

\*In lieu of E-61 price plan monthly facilities charge per kW

### Per kW Charges (Daily On-Peak Max)

Summer	Daily On-Peak Max kW	Daily On-Peak Max kW
Transmission	\$0.06	\$0.06
Generation	\$0.61	\$0.62
<b>Total</b>	<b>\$0.67</b>	<b>\$0.68</b>

Summer Peak	Daily On-Peak Max kW	Daily On-Peak Max kW
Transmission	\$0.06	\$0.07
Generation	\$0.69	\$1.05
<b>Total</b>	<b>\$0.75</b>	<b>\$1.12</b>

(Continued on next page)

Per kW Charges (continued)	Current	Proposed
Winter	Daily On-Peak Max kW	Daily On-Peak Max kW
Transmission	\$0.02	\$0.01
Generation	\$0.53	\$0.56
<b>Total</b>	<b>\$0.55</b>	<b>\$0.57</b>

Figure 78 E-63 Standby Rider Charges

Monthly Facilities Charge per kW*	Current kW	Proposed kW
Distribution Facilities	\$0.00	\$0.11
Distribution Delivery	\$0.00	\$4.01
<b>Total</b>	<b>\$0.00</b>	<b>\$4.12</b>

\*In lieu of E-63 price plan monthly facilities charge per kW

### Per kW Charges (Daily On-Peak Max)

Summer	Daily On-Peak Max kW	Daily On-Peak Max kW
Transmission	\$0.05	\$0.07
Generation	\$0.57	\$0.71
<b>Total</b>	<b>\$0.62</b>	<b>\$0.78</b>

Summer Peak	Daily On-Peak Max kW	Daily On-Peak Max kW
Transmission	\$0.05	\$0.08
Generation	\$0.68	\$1.10
<b>Total</b>	<b>\$0.73</b>	<b>\$1.18</b>

Winter	Daily On-Peak Max kW	Daily On-Peak Max kW
Transmission	\$0.02	\$0.02
Generation	\$0.53	\$0.58
<b>Total</b>	<b>\$0.55</b>	<b>\$0.60</b>

(continued on next page)

Figure 79 E-65 &amp; E-66 Standby Rider Charges

**Per kW Charges  
(Daily On-Peak Max)**

<b>Summer</b>	<b>Current</b>	<b>Proposed</b>
	Daily On-Peak Max kW	Daily On-Peak Max kW
Transmission	\$0.06	\$0.06
Generation	\$0.59	\$0.63
<b>Total</b>	<b>\$0.65</b>	<b>\$0.69</b>

<b>Summer Peak</b>	Daily On-Peak Max kW	Daily On-Peak Max kW
Transmission	\$0.09	\$0.10
Generation	\$0.82	\$1.22
<b>Total</b>	<b>\$0.91</b>	<b>\$1.32</b>

<b>Winter</b>	Daily On-Peak Max kW	Daily On-Peak Max kW
Transmission	\$0.02	\$0.02
Generation	\$0.57	\$0.58
<b>Total</b>	<b>\$0.59</b>	<b>\$0.60</b>

## **Sustainable Energy Services Pilot Rider**

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**Supplemental to Residential Price Plans E-13, E-14, E-15, E-21, E-22, E-23, E-26, E-27 and E-29**  
**General Service Prices Plans E-32 and E-36**  
**Pumping Price Plans E-47 and E-48**  
**Large General Service Price Plans E-61, E-63, E-65, E-66 and E-67**

Management proposes the development of a new Sustainable Energy Services Pilot Rider.

The Sustainable Energy Services Pilot Rider allows customers to pay a fixed price per metered kilowatt-hour (kWh) attributable to one or more designated renewable facilities based on terms as may be set forth in published programs. The transfer or retirement of Renewable Energy Certificates (“RECs”) associated with the renewable generating facility(ies) will be governed by the terms of the program in which the customer participates. SRP will include the generation in its carbon intensity calculation.

## Time-Dependent Demand Rider

### Supplemental to Pumping Price Plan E-47

The Time-Dependent Demand Rider for the E-47 Price Plan allows customers to have the peak demand used in the calculation of the demand charge to be based on the highest demand recorded during the on-peak period. This rider benefits customers with high demands who are able to shift demand to the off-peak period. For example, this rider would allow a customer to perform a pump test without incurring a demand charge as long as the test is performed outside of the demand measurement period. Customers who can respond in this manner benefit SRP since they help reduce SRP's system demand during peak hours. The energy portion of the bill will be the same as for the E-47 Price Plan.

**Monthly Service Charge.** Management proposes to increase the monthly service charge from \$40.39 to \$45.39, effective with the May 2019 billing cycle. This charge applies in lieu of the monthly service charge stated in the E-47 Price Plan.

**Demand Charge.** Management proposes to increase the demand charges for this rider as specified in Figure 80 below, effective with the May 2019 billing cycle:

Figure 80 Time-Dependent Rider Demand Charges

Per kW Charges		Current		Proposed	
		On-Peak	Off-Peak	On-Peak	Off-Peak
Summer	May 1 – June 30, September 1 – October 31	\$3.41	No Charge	\$3.92	No Charge
Summer Peak	July 1 – August 31	\$4.25	No Charge	\$4.89	No Charge
Winter	November 1 – April 30	\$1.90	No Charge	\$1.90	No Charge

**Per kWh Charge:** The per-kWh charge is charged according to the E-47 Price Plan.

## **Time-of-Use Residential Community Solar Pilot Rider**

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**Supplemental to Residential Price Plan E-26**

**Management proposes eliminating this rider.**

The Time-of-Use Community Solar Pilot Rider is an optional program by which SRP can provide residential customers with an alternative to traditional rooftop solar. While SRP prices may change over time, the price paid for this solar energy is fixed for five years. SRP retains all of the “Environmental Attributes” (or RECs) associated with the renewable energy produced by the solar facility. Although the pilot rider was approved, no program had been offered to customers.

## Unmetered Credit Rider

### Supplemental to General Service Price Plan E-36

Management proposes to update the meter reading and meter equipment credit to match the proposed changes to the E-36 Price Plan, effective with the May 2019 billing cycle.

The existing Unmetered Credit Rider provides a discounted customer charge for unmetered E-36 accounts. This rider was designed to accommodate general service customers with consistent and low monthly energy requirements where it may not be cost effective to install a meter. Eligibility for this rider is solely at the discretion of SRP.

The current rider is supplemental to the E-36 Price Plan and credits paid under this rider reflect the typical meter equipment charge for E-36 customers. The following credits in Figure 81 are paid to unmetered customers receiving service under the E 36 Price Plan and this rider.

#### Figure 81 Unmetered Customer Credits

Credit per month	Current	Proposed
Meter Credit	\$6.75	\$6.11

SRP retains the sole right to determine where unmetered accounts can be established. All other services associated with the account are billed under the E-36 Price Plan. Demand and/or energy estimates associated with the unmetered account are subject to approval and/or verification by SRP.

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## Use Fee Interruptible Rider

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**Supplemental to General Service Price Plans E-32 and E-36  
Pumping Price Plans E-47 and E-48  
Large General Service Price Plans E-61, E-63, E-65 and E-67**

Management proposes no changes to this rider other than extending it to the E-67 price plan.

The Use Fee Interruptible Rider is available to customer accounts with a minimum annual demand of 100 kW, which is served under a General Service Price Plan (E-30s), a Pumping Price Plan (E-40s), or a Large General Service Price Plan (E-60s).

The rider offers credits to customers in exchange for the customer curtailing load. Should SRP call for a curtailment, credits are paid according to a pre-determined value (compensation per kW curtailed) and the duration of the curtailment. The value of curtailment is specified by the customer and presumably reflects the customer's cost to curtail. Similarly, SRP knows in advance the cost of calling a curtailment. A curtailment is called only if SRP is willing to pay the customer credits for the released capacity.