



UTILITIES FEES



Payment, Scheduling, and Service Installation Requirements

The customer must pay all applicable plan review, connection, and related fees in full prior to scheduling any Utility construction work or inspections. Invoices will be issued to the responsible party identified on the Service Application and are valid for one (1) year from the date of issuance. Once CPAU has received full payment, verified that all applicable service requirements have been satisfied, and the Utilities Inspector has determined that the project is ready for utility installation, CPAU staff will schedule the project for construction.

Service installation timelines vary depending on the type of service requested, material availability, and scheduling constraints. In general, CPAU can provide service availability within 30 to 45 days after all required fees have been paid; however, installation may take between 60 and 90 days for projects requiring Utility construction work. Longer lead times may be necessary when specialized or long lead-time equipment and materials, such as transformers, switches, or cable, are required. Customers should consult CPAU for current scheduling and lead-time estimates.

While CPAU makes every reasonable effort to complete installations as scheduled, delays may occur due to unforeseen conditions or circumstances beyond CPAU's control, including material procurement delays. Regular CPAU work hours are Monday through Friday, 8:00 a.m. to 5:00 p.m., excluding City holidays. Any work that the City determines must be performed outside of regular work hours will be charged at the applicable overtime rate as provided in the Miscellaneous Fees section. Such circumstances may include, but are not limited to, work performed on arterial streets, within business districts, in front of major commercial establishments, or near schools.

Electric connection fees apply to all connections, interconnections, expansions, and upgrades to the City's Electric Distribution System, except for services related to street lighting or traffic signals within CPAU's electric service territory. These fees also apply to vacant land unless documentation exists demonstrating that the applicable fees have previously been paid. Rebates or credits may be available to offset electric service connection charges when a service upgrade is necessitated by increased electrical demand resulting from electric vehicle charging.

For additional information regarding utility service requirements and regulations, please refer to the City's Utility Rules and Regulations at: City of Palo Alto Utility Rules and Regulations, including Rule and Regulation 20 (Special Electric Regulations), Rule and Regulation 21 (Special Water Regulations), Rule and Regulation 22 (Special Gas Regulations), and Rule and Regulation 23 (Special Wastewater Regulations).

All fees and minimum charges are subject to California Construction Cost Index (CCCI) adjustments, to be applied annually effective on July 1.

Wastewater Service Connection Charges

Abandonment and Demolition	
Sewer Lateral	\$5,342.00 each
Collection System Extension	
City Standard 8-inch main	\$497.00 each
Connections	
4-inch connection, depth at 6 feet and below	\$16,223.00 each
4-inch lateral, depth between 6 feet and 10 feet	\$22,710.00 each
6-inch connection, depth at 6 feet and below	\$18,159.00 each
6-inch lateral, depth between 6 feet and 10 feet	\$23,832.00 each
Additional footage: 4-inch connections of sewer laterals over 25 feet in length	\$214.00 per linear foot
Additional footage: 6-inch connections of sewer laterals over 25 feet in length	\$221.00 per linear foot
Connections larger than 6-inch	Utility Estimate
Rehabilitation of existing lateral by pipe bursting	\$10,071.00 each
Design	
Wastewater System Design	Utility Estimate
Engineering and Inspection for work performed by Outside Contractors	
<i>Note: Engineering and Inspection service Charges per Utility Miscellaneous Charges of this Schedule will apply to utility work performed by outside contractors, which may be done only with the prior written approval of the Utilities Department.</i>	
New wastewater lateral: 4-inch or 6-inch	\$3,644.00 each
New wastewater main: 8-inch	\$56.00 per linear foot
Lateral abandonment: 4-inch or 6-inch	\$2,277.00 each
New wastewater manhole	\$4,555.00 each
Install Sewer Cleanout	
Install Sewer Cleanout	\$4,405.00 each
Installation and Core Drill Manhole	
Core drill and connection tap to manhole: 8-inch, depth between 0 feet and 6 feet	\$5,702.00 each
Core drill and connection tap to manhole: 8-inch, depth between 6 feet and 10 feet	\$6,686.00 each
Install Manhole at depth 6 feet or less	\$19,121.00 each
Install Manhole, depth greater than 6 feet	\$25,779.00 each

UTILITIES

(Continued)

Non-standard Conditions

Non-standard Conditions	Utility Estimate 1. Any condition which, in the opinion of the Engineering Manager, Water-Gas-Wastewater, will result in a cost higher than the Charges set forth in this Schedule will be classified as non-standard. The Charge for a non-standard installation will be based on the Engineering Manager's estimate of the total costs of all materials, labor, and other costs required to complete the installation. 2. In the event Wastewater Service to a Premise is requested and insufficient capacity exists to provide such Service, the Applicant shall bear the total cost for flow monitoring the existing main to determine remaining capacity, design of new sewer main and construction cost for enlarging the collection system to accommodate serving the Applicant. The Engineering Manager, Water-Gas-Wastewater may require the Applicant to make arrangements for the design and construction of said expansion in accordance with applicable CPAU Rules and Regulations, standards and specifications. Alternatively, CPAU may elect for City staff or contractors to design and install such facilities at the Applicant's expense. 3. PUMPING PLANTS: If the development requires a pumping facility to drain into the City's Wastewater collection system, the developer is responsible for the cost of construction of the pumping plant and the ongoing plant operation and maintenance costs.
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Plan Review

New commercial building or remodeling permit valuation greater than \$200,000	\$3,657.00 each
New single family residential building or remodel	\$659.00 each
New subdivision residential unit	\$241.00 per unit
System extension of 8-inch high-density polyethylene (HDPE) Water main	\$35.00 per foot

Replacement or Relocation of Facilities

CPAU-approved relocation of Services, hydrants, or other facilities.	Utility Estimate Wastewater lateral replacements due to normal wear and deterioration are provided without charge. Replacements required for increased demand or load are charged as new Service connections. CPAU-approved relocation costs are the Applicant's responsibility. Costs associated with CPAU-approved relocation of lateral, and other facilities are the responsibility of the Applicant. Payment of estimated costs is required before relocation work begins.
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Wastewater Capacity Charges.

Wastewater Capacity Charges are system improvement charges to recovers the costs associated with providing additional wastewater capacity to new users or existing users requiring additional capacity. Capacity Charges apply to new and Wastewater Utility Services. See Rule23 (Special Wastewater Regulations)

Capacity Charges

*Note: * FU = fixture unit (1 FU = 15 gallons per day). Capacity upgrades to an existing Lateral will be calculated as the difference between the new Lateral size and the existing Lateral size.*

4- or 6-inch connection with 1-1/2-inch Water Meter	\$31,668.00 each
4-inch connection with 1-inch Water Meter	\$10,500.00 each
4-inch connection with 5/8-inch Water Meter	\$5,250.00 each
6-inch and larger connection with 4-inch or larger Water Meter	By estimate at \$210/FU
6-inch connection with 2-inch Water Meter	\$52,500.00 each

Gas Service Connection Charges

Abandonment	
1-inch to 2-inch Gas service abandonment	\$6,329.00 each
Unscheduled disconnection service call - After hours <i>Note: See Rule and Regulation 22 (Special Gas Regulations) Section E</i>	\$9,798.00 each
Unscheduled disconnection service call - Weekend <i>Note: See Rule and Regulation 22 (Special Gas Regulations) Section E</i>	\$13,065.00 each
Additional Meter on Connection	
Additional Meter on Existing connection above 630 CFH	Utility Estimate
On existing metered connection up to 630 CFH	\$1,646.00 each
With new connection up to 630 CFH	\$673.00 each
Connection for Service Installed on Existing Main <i>Note: Service connection Charges include up to 40 feet of Service Line installation inside the property line. Service Lines will be installed along the shortest most practical route, as determined by the Utilities Department (perpendicular from the Gas main in the adjoining street, alley, lane road, or easement to the nearest suitable Meter location at the building or structure).</i>	
1- or 2-inch excess flow valve (EFV) installation on PE service	\$6,974.00 each
1- or 2-inch trenched connection	\$8,831.00 each
1-inch directionally bored connection	\$8,973.00 each
2-inch directionally bored connection	\$13,963.00 each
2-inch main installation in contractor-provided trench	\$254.00 per foot
Connections above 2-inches	Utility Estimate
Excess length Charge <i>Note: Excess Length Charge: An additional charge per foot applies when the distance from the street-side property line to the Gas Meter exceeds 40 feet, measured along a line perpendicular to the street property line.</i>	\$72.00 per foot
Replacement or Relocation of Facilities <i>Note: Service replacements due to normal wear and deterioration are provided without charge. Replacements needed for increased load or relocation of a non-polyethylene (PE) Service will be charged as a new Service.</i>	Utility Estimate
Design	
Gas System Design	Utility Estimate
Distribution System Extension	
Distribution System Extension	\$363.00 per linear foot
Engineering and Inspection for work performed by Outside Contractors	
Engineering and inspection services <i>Note: Engineering and inspection service Charges per Municipal Fee Schedule will apply to utility work performed by outside contractors, which may be done only with the prior written approval of the Utilities Department.</i>	Utility Estimate

(Continued)

Meters	
1000 CFH Diaphragm - Commercial House Meter	\$3,342.00 each
11000 CFH Rotary-Commercial	\$16,518.00 each
1500 CFH Rotary - Commercial House Meter	\$3,326.00 each
16000 CFH Rotary-Commercial	\$19,028.00 each
2000 CFH Rotary-Commercial	\$4,327.00 each
23000 CFH Rotary-Commercial	Utility Estimate
250 CFH Curb Meter	\$2,702.00 each
250 Cubic Foot Per Hour (CFH) House Meter	\$1,140.00 each
2-inch bollard (to protect Gas Meter) installation fee	\$545.00 each
3000 CFH Rotary-Commercial	\$4,444.00 each
400 CFH Curb Meter	\$2,890.00 each
400 CFH House Meter	\$1,514.00 each
4-inch bollard (to protect Gas Meter) installation fee	\$855.00 each
5000 CFH Rotary-Commercial	\$5,015.00 each
630 CFH Curb Meter	\$2,905.00 each
630 CFH House Meter	\$2,045.00 each
7000 CFH Rotary-Commercial	\$5,812.00 each
800 CFH Diaphragm - Commercial House Meter	\$2,890.00 each
AMR Encoder Receiver Transmitter – Rotary Meter	\$336.00 each
Automatic Meter Reading (AMR) Encoder Receiver Transmitter - Diaphragm Meter	\$241.00 each
Electronic Volume Corrector System	Utility Estimate
Other meter size	Utility Estimate
Vent line for Gas Regulator	\$471.00 each

UTILITIES

(Continued)

Non-standard Conditions

Non-standard Conditions	Utility Estimate 1. Any condition which, in the opinion of the Engineering Manager, Water-Gas-Wastewater, will result in a cost higher than the Charges set forth in this Schedule will be classified as non-standard. The Charge for a non-standard installation will be based on the Engineering Manager's estimate of the total costs of all materials, labor, and other costs required to complete the installation. 2. In the event Gas Service to a Premise is requested and insufficient capacity exists to provide such Service, the Applicant shall bear the total cost for designing and enlarging the Distribution System to accommodate serving the Applicant. The Engineering Manager, Water-Gas- Wastewater, may require the Applicant to make arrangements for the design and construction of said expansion in accordance with applicable CPAU Rules and Regulations, standards and specifications. Alternatively, CPAU may elect for City staff or contractors to design and install such facilities at the Applicant's expense. Credit to the Applicant will be provided for any over sizing or extra facilities installed to meet Service demands above the specific capacity needs of the Applicant.
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Plan Review

New commercial building or remodeling permit valuation greater than \$200,000	\$3,673.00 each
New single-family residential (SFR) building or SFR remodeling permit valuation greater than \$100,000	\$1,319.00 each
New subdivision residential unit	\$540.00 per unit
System extension of 2-inch polyethylene (PE) Gas main	\$20.00 per foot

Relocation of Facilities

CPAU-approved relocation of service lines and other facilities <i>Note: Wastewater lateral replacements due to normal wear and deterioration are provided without charge. Replacements required for increased demand or load are charged as new Service connections. CPAU-approved relocation costs are the Applicant's responsibility.</i>	Utility Estimate
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Service Relocation

Curb Meter- New Service from main to house	\$4,038.00 each
Curb Meter- Riser relocation on existing 1-inch PE pipe	\$1,388.00 each
Service riser relocation <i>Note: Gas Service riser relocations are only allowed on CPAU-approved 1-inch and larger polyethylene (PE) Service Lines. Non-PE Service Lines must be replaced from the main to the Meter at the applicable Charges in this fee schedule.</i>	\$2,899.00 each

Tapping the gas main for contractor-installed services

Tap Gas main for 1- to 2-inch Service	\$2,379.00 each
Tap Gas main for 4- to 6-inch Service	\$2,975.00 each

Electric Service Connection Charges

Advance Engineering

Advance Engineering Fees

Note: Applicants must pay non-refundable Advance Engineering Fees to begin engineering. These fees will be credited against the estimated job cost before construction fees are collected. Advance Engineering Fees are not required when no job estimate is needed.

Utility Estimate

Generator Interconnection

Note: CPAU shall charge a fee for evaluation of Generator (Photo Voltaic (PV), Energy Storage System (ESS)) Interconnection Applications performed pursuant to Rule and Regulation 27.

Advanced Engineering Fee: All Projects which are 500 kW or greater in capacity

\$15,065.00 each

Advanced Engineering Fee: All Projects which are greater than 10 kW and less than 100 kW in capacity

\$1,184.00 each

Advanced Engineering Fee: All Projects which are greater than or equal to 100 kW and less than 500 kW in capacity

\$7,854.00 each

Advanced Engineering Fee: Projects with a size less than or equal to 10kW in capacity

\$540.00 each

Interconnection Review: All projects greater than 10 kW

Utility Estimate

Interconnection Review: All projects less than or equal to 10 kW

\$540.00 each

Supplemental and Detailed Study fees for all Net Energy Metering Projects requiring additional study per Rule and Regulation 27 shall be based on CPAU's estimate of applicable costs.

Utility Estimate

Overhead Systems: Service Connection Replacement Charges

Note: Residential or Commercial – Single service, single phase, for 200 amps (or less) and 400 amps services that do not require customer contribution to transformer upgrades or replacement. These fees apply to single-family dwellings, with or without ADU, or small commercial businesses.

Charges for replacement or upgraded Overhead Services not otherwise specified shall be based on CPAU's estimate of applicable costs.

Utility Estimate

For a 250 volt maximum, 200 amp or less, 3 wire services, single phase overhead service of 80 feet in length maximum

\$3,023.00 each

For a 250 volt maximum, 400 amp, single phase overhead services, 80 feet in length maximum services

\$3,678.00 each

For all other connections, i.e. multi-family or large commercial, requiring greater capacity or system upgrades, the fee shall be CPAU's estimate of the installation cost.

Utility Estimate

Overhead Temporary Service

For a 250 volt, 200 amp or less, 3 wire service, within 50 feet of a suitable overhead secondary system

\$1,080.00 each

UTILITIES

(Continued)

For a Temporary Service of greater length and capacity or voltage	Utility Estimate Fees for a Temporary Service of greater length and capacity or Voltage shall be based on CPAU's estimate of the installation and removal costs, or \$1,080.00, whichever is greater.
Palo Alto Clean Local Energy Accessible Now Program	
Meter maintenance and administrative service Charge for Generators participating in the Palo Alto Clean Local Energy Accessible Now (CLEAN) Program	\$215.00 each
Underground Systems: Residential or Small Commercial	
For any connection, i.e. multi-family or large commercial, requiring greater capacity or system upgrades, the fee shall be CPAU's estimate of the installation cost.	Utility Estimate
Residential or Small Commercial - Single service, single phase, 200 (or less) and 400 amp services that do not require customer contribution for transformer upgrades or replacement.	These fees apply to single-family dwellings, with or without an ADU, and small commercial businesses. For a 250 volt maximum, 200 amp or less underground service \$4,093.00 For a 250 volt maximum, 400 amp underground service \$4,530.00 each
Underground Systems: Service Connections	
<i>Note: Service Connection Charges apply when the City connects a Customer to the Electric Distribution System. A one-time waiver may be granted for Services connected during construction of an underground conversion district.</i>	
Off-Site Distribution System Charges	Utility Estimate Where the customer is financially responsible for CPAU installations of an Electric Distribution system, system extension, or system reinforcement outside the boundaries of a sub-division or other development to be served, an off-site distribution system fee shall apply, based on CPAU's estimate of all applicable installation costs.
On-Site Distribution System Charges	Utility Estimate Where the customer is financially responsible for CPAU installations of underground conductors (primary or secondary), switches or transformers in and on facilities provided by the developer within the boundaries of a sub-division or other development, an on-site distribution system fee shall be charged, based on CPAU's estimate of all applicable installation costs.
Underground Temporary Service	
For a 250 volt, 200 amp or less, 3-wire maximum service, within 100 feet of a suitable underground secondary system and service box. <i>Note: Customer is responsible for all substructure.</i>	\$1,101.00 each
For a Temporary Service of greater length and capacity or voltage	Utility Estimate The fee shall be based on CPAU's estimate of all applicable installation and removal costs, or \$1,101.00, whichever is greater.
If a suitable secondary system and/or service box is not available at the property, the Customer will be responsible for all cost necessary to extend or rearrange the system to allow for the temporary electric service.	Utility Estimate

Water Service Connection Charges

Abandonment	
Large Service (more than 2-inch)	\$9,341.00 each
Small Service (2-inch and less)	\$6,850.00 each
Additional Meter	
2 meter manifold on 2" PE or 1" CU service	\$1,077.00 each
With existing connection, up to 2-inch	\$2,559.00 each
With new connection, up to 2-inch	\$1,894.00 each
Design	
Water System Design	Utility Estimate
Distribution System Extension	
City Standard 8-inch main	\$398.00 per linear foot
Engineering and Inspection for work performed by Outside Contractors	
For Abandonment: Large Service (more than 2-inch)	\$1,822.00 each
For Abandonment: Small Service (2-inch and less)	\$1,366.00 each
New 8-inch main	\$45.00 per linear foot
New hydrant and Service/Lateral	\$4,099.00 each
New service: 2-inch	\$2,733.00 each
New service: 2-inch connect to larger service	\$1,822.00 each
New service: 4-inch to 8-inch	\$4,099.00 each
Fire Hydrant	
Fire Hydrant relocation behind curb (up to 5 feet) <i>Note: Relocations more than 5 feet will require a new lateral and the existing lateral will be disconnected and abandoned at the main.</i>	\$14,045.00 each
New Fire Hydrant with lateral	\$25,290.00 each
New Fire Hydrant without lateral	\$5,335.00 each
Meters	
1 1/2-inch	\$2,606.00 each
1-inch	\$1,369.00 each
2-inch	\$2,832.00 each
3-inch	\$4,652.00 each
4-inch	\$7,542.00 each
5/8-inch x 3/4-inch	\$1,239.00 each
6-inch	\$10,187.00 each

UTILITIES

(Continued)

Meters - Automatic meter reading - AMR Encoder Receiver Transmitter	\$224.00 each
Non-standard Conditions	
Non-standard Conditions	Utility Estimate 1. Any condition which, in the opinion of the Engineering Manager, Water-Gas-Wastewater, will result in a cost higher than the Charges set forth in this Schedule will be classified as non-standard. The Charge for a non-standard installation will be based on the Engineering Manager's estimate of the total costs of all materials, labor, and other costs required to complete the installation. 2. If CPAU determines that insufficient capacity exists to provide Water Service to an Applicant, Applicant will be responsible for the CPAU's costs to complete a hydraulic system capacity study to determine whether Distribution System upgrades will be required to serve the Applicant, as well the costs of completing the upgrades deemed necessary by CPAU.
Plan Review	
New commercial building or remodeling permit valuation greater than \$200,000	\$4,834.00 each
New single family residence or residential remodel	\$659.00 each
New subdivision residential unit	\$546.00 per unit
System extension of 8-inch high-density polyethylene (HDPE) Water main	\$19.00 per linear foot
Relocation of Facilities	
CPAU-approved relocation of Services, hydrants, or other facilities.	Utility Estimate The costs of CPAU-approved relocation of Services, hydrants, or other facilities will be the responsibility of the Applicant. Payment of estimated cost is required before relocation work begins. If CPAU determines that insufficient capacity exists to provide Water Service to an Applicant, Applicant will be responsible for the CPAU's costs to complete a hydraulic system capacity study to determine whether Distribution System upgrades will be required to serve the Applicant, as well the costs of completing the upgrades deemed necessary by CPAU.
Service Connections	
<i>Note: Replacement of Service connection made necessary because of ordinary wear and deterioration will be made without Charge. Replacement due to inadequacy because of additional demand or load will be charged as a new Service connection.</i>	
Additional Domestic or Irrigation Services: Connections to pre-existing service or installation of a new, larger service: 2-inch connection	\$5,845.00 each
Additional Domestic or Irrigation Services: Connections to pre-existing service or installation of a new, larger service: 4-inch connection	\$8,266.00 each

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Combination Domestic or Irrigation Water Service and Fire Service	Utility Estimate Combination Water Service connections require CPAU approval. If approved, connection Charges for both the fire Service and the domestic or irrigation Service connection will apply.
Master Water Service	Utility Estimate Connections that serve domestic Water Service and fire protection through a detector Meter require CPAU approval. Applicable Charges for master Water Service connections will be based on CPAU's estimate of the total costs, including materials, labor, metering, and all other costs required for the installation.
Water Service: Domestic, Irrigation, and Fire: 1" Copper Water Service	\$11,192.00 each
Water Service: Domestic, Irrigation, and Fire: 2" Copper Water Service	\$12,431.00 each
Water Service: Domestic, Irrigation, and Fire: 2-inch	\$12,713.00 each
Water Service: Domestic, Irrigation, and Fire: 4-inch	\$15,616.00 each
Water Service: Domestic, Irrigation, and Fire: 6-inch	\$18,618.00 each
Water Service: Domestic, Irrigation, and Fire: 8-inch	\$20,242.00 each
Water Service: Domestic, Irrigation, and Fire: 10-inch	\$22,677.00 each
Tapping the water main for contractor-installed services	
Tap Water main for 2-inch service	\$2,530.00 each
Tap Water main for 4-inch service	\$3,259.00 each
Tap Water main for 6-inch service	\$5,371.00 each
Tap Water main for 8-inch service	\$7,229.00 each

Water Capacity Charges

Water Capacity Charges are system improvement charges to recover the costs associated with providing additional water capacity to new users or existing users requiring additional capacity. If a customer is upgrading the capacity of an existing Service, then the Capacity Charge will be the difference between the new Service size and the existing Service size. See Rule 21 (Special Water Regulations).

Capacity Charges	
Domestic: 1 1/2-inch	\$18,850.00 each
Domestic: 1-inch	\$6,250.00 each
Domestic: 2-inch	\$31,250.00 each
Domestic: 4-inch and larger <i>Note: Charges vary based on the total fixture units (FU) estimated for water supply demand. Fixture units are determined in accordance with the California Uniform Plumbing Code.</i>	By estimate at \$125/fixture unit (FU)
Domestic: 5/8-inch x 3/4-inch	\$3,750.00 each
Fire service capacity charges: 10-inch	\$48,110.00 each
Fire service capacity charges: 2-inch	\$750.00 each
Fire service capacity charges: 4-inch	\$8,425.00 each
Fire service capacity charges: 6-inch	\$18,250.00 each
Fire service capacity charges: 8-inch	\$30,950.00 each

Utility Miscellaneous Charges

Cross-Connection Control Non-Compliance Fees		
Cross Connection, Backflow Prevention Assembly Monthly Non-Compliance Administrative & Processing Fee	\$59.00 each	
Cross Connection, Test/certify 1/2" - 16" Reduced Pressure Principle Assemblies (RPPA); Double Check Valve Assemblies (DCVA); and Pressure Vacuum Breaker Assemblies (PVB)	\$322.00 each	
Cross Connection, Test/certify 2" - 16" Fire Service Reduced Pressure Principle Assemblies (RPDA); Fire Service Double Check Detector Assemblies (DCDA)	\$537.00 each	
Labor, Engineering and Inspection Rates		
During regular work hours	\$215.00 each	
Service provided on overtime basis where the overtime is scheduled at the City's convenience	\$252.00 each	
Service provided on overtime basis where the overtime is scheduled at the Customer's convenience.	\$289.00 each	
Service Calls and Other Service Work		
	During Regular Work Hours	After Regular Work Hours
Restoration of Electric Service at power pole following disconnection for non-payment	\$405.00 each	\$546.00 each
Restoration of Service following disconnection of non-payment	\$215.00 each	\$273.00 each
Service Disconnection for Non-Payment of Utilities Charges	\$215.00 each	
Set Electric Meter - After Hours	\$273.00 each	



CITY OF
**PALO
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