

Chapter 13-01

(Amended 3-3-93; 4-12-95; 5-22-96B; 12-04-02; 09-17-08, 04-21-10)

- 13.01.010 Department of Power and Light-Created**
- 13.01.020 Appointment of Director of Employees of the Department of Power and Light**
- 13.01.030 Duties of Director**
- 13.01.040 Administrative Authority**
- 13.01.050 Funds-Collections-Applications**

- 13.01.060 Board, Membership, and Appointment**
- 13.01.070 Duty and Powers**
- 13.01.080 Term, Vacancies, Qualifications, Removal**
- 13.01.090 Rules**

13.01.010 Department of Power and Light--Created.

There is hereby created the department of Power and Light of Payson City, which shall be managed and operated by the Payson City Council.

13.01.020 Appointment of Director and Employees of the Department of Power and Light.

The Payson City Council shall appoint the Director of the power and light department, together with such other employees as shall be required and necessary for the operation and maintenance of said department. Said Director may be removed by the Mayor and City Council of Payson City, pursuant to law.

13.01.030 Duties of Director.

The Director shall have the charge of the Power and Light department and all property of the city used by said department. Director shall manage effectively the system of the department of power and light.

13.01.040 Administrative Authority.

The City Manager, or person assigned by the City Manager, shall be responsible for administering the functions of accounting, billing, cashiering, and customer services for the Department of Power and Light, in conformity with the Uniform Fiscal Procedures Act for Utah Cities. The City Recorder shall keep separate general ledger accounts for the electric department as prescribed by the City Council and shall furnish the Council with all reports required to carry out its responsibilities.

13.01.050 Funds-Collections-Applications.

The City Treasurer shall abide by credit policies established by the Payson City Council. Employees under his/her supervision shall faithfully account for and promptly pay over to the city treasurer all moneys received for the account of the department of power and light.

13.01.060 Board, Membership and Appointment.

There is hereby created and established a body to be designated as the "Payson Power Board" that shall be composed of five (5) members, all of who shall be appointed by the Mayor and Power and Light Director with the advice and consent of the City Council. One of Board Member shall be a member of the City Council.

13.01.070 Duty and Powers

- (a) The matters of determining the general policy and the administration of the Electrical Power and Light Department shall be vested in the City Council.
- (b) The extent of the authority and discretion to be vested in the Director of the Power and Light Department shall be determined by City Council.
- (c) It is hereby declared as policy that matters pertaining to a general policy and the administration of the Power and Light Department be referred to the Power and Light Director with the advice, counsel, and recommendations of the Payson Power Board.

13.01.080 Term, Vacancies, Qualifications, Removal.

- (a) Term; Each appointed member shall serve for a term of five (5) years except as otherwise provided in this Section. The term of the member who is likewise a member of the City Council shall be as determined by the Mayor and with the advice and consent of the City Council.

The first Power Board shall be appointed to terms so that the term of one member expires each year.

- (b) Vacancies; Vacancies occurring due to death, disability, resignation or removal, shall be filled by appointment. The term of such appointment shall be for the remainder of the unexpired term.
- (c) Qualifications; The members of the Power Board shall be resident voters and taxpayers of Payson City and shall be selected without regard to political considerations and solely on the basis of qualification for the position.

- (d) Removals; Any member of the Power Board may be removed, with or without cause, by the Mayor an Power and Light Director with the advice and consent of the City Council.

13.01.090 Rules

The Board shall formulate its own rules for selection of a chair, time, place, and manner of calling the meetings and other procedural matters, provided that there shall be at least one meeting each quarter. (08-21-96A)

Chapter 13-02

- 13.02.010 Business License-Required**
- 13.02.020 License-Application**
- 13.02.030 Fee's**
- 13.02.040 Business License-Expiration-Renewal**
- 13.02.050 Business License-Revocation**
- 13.02.060 Electrical Wiring Inspector-Duties Listed**
- 13.02.070 Specifications**
- 13.02.080 Subdivision and Mobile Home Parks Distribution Requirements**
- 13.02.090 Inspection-Certificate**
- 13.02.100 Unlawful Installation-Disconnection**
- 13.02.110 Use of Disconnected Wiring Prohibited**
- 13.02.120 Contracting Electricians-License-Defined**
- 13.02.130 Permit Application**
- 13.02.140 Rules Governing Installation**
- 13.02.150 Notification of Inspection**
- 13.02.160 Right of Entry**
- 13.02.170 Vicious Animals**
- 13.02.180 Tree Trimming**
- 13.02.190 Liability to City**
- 13.02.200 Code Adopted**
- 13.02.210 Penalties for Violations**

13.02.010 Business License-Required.

No person shall engage in the installation, and construction of any Power distribution system, except work done for or on the property of Payson City, without first obtaining and paying for a Business license, from Payson City conforming with the rules and regulations of chapter 4, business licenses and procedure.

13.02.020 License--Application.

The applicant shall, be approved by the Power and Light Director or may appear before the City Council in determining the fitness of such applicant to engage in electrical work for which Business License is requested. A minimum of 50 hours of underground distribution work must be shown.

13.02.030 Fee's.

At The time of obtaining a Building permit, all fees, as set forth by resolution of the City Council, need to be paid. This includes plan review, inspection fees and Payson City Business license. This entitles Applicant to engage in the electrical work described in this chapter.

13.02.040 Business License-Expiration-Renewal.

Each Business License shall be for the calendar year, shall expire at midnight on December thirty-first (31st) following the date of its issue, and shall conform to chapter 4 of Payson City ordinances.

13.02.050 Business License-Revocation.

Upon presentation of charges in writing that the holder of any Electrical business license has violated any provisions of this chapter or any ordinance of Payson City regulating electrical installation or is incompetent or unfit to comply with such provisions, the Electrical Director shall investigate such Charge and if in its opinion the same is sustained, shall make recommendations to the city council for the revocation of such license. The holder of the license shall be notified in writing by the city council that such recommendation has been made, that a hearing has been set to address this matter and that unless he can show good and sufficient cause to the City Council why the license should not be revoked, the City Council shall revoke the license. This notification shall be delivered to the holder of the certificate at least five days in advance of the hearing by the City Council. When a license has been revoked, a new one shall not be granted to the same person until the city council determines that the applicant is qualified as provided by this chapter and any applicable State law.

The City Council may at any time, on its own motion, and after notice, and hearing and for good and proper cause, revoke any license.

13.02.060 Electrical Wiring Inspector-Duties Listed.

The Payson City Council will retain a qualified electrical wiring inspector, who shall perform all the duties required of that officer by the ordinances of Payson City.

It shall be the duty of the electrical wiring inspector to inspect and supervise the construction, installation, and repairs of all electric distribution power lines in the city, except as hereinafter provided.

It shall be the duty of the said inspector to inspect any and all work for which permits have been issued when practical after notice by the contractor that the work is ready for inspection. The inspector shall indicate the results of the inspection by a tag or label, explaining items that need to be done or if OK, so indicates by dating and signing of appropriate inspection.

13.2.070 Specifications

- a) Independent service. Each flat or dwelling place in an apartment house, flat, or building designed for two or more dwellings, shall be provided with an independently metered service in a readily accessible location. Meter base is on the outside of the building.
- b) Underground service (600 volts or less) is to be installed by contractor from meter base to transformer, power pole or secondary splice box. Minimum buried depth is 24" in minimum PVC (sch. 40) duct of 2" with a pull string installed in the duct.
- c) (See 4-2 Electrical Construction Standard and materials)
- d) For an individual residence (non-subdivision) the overhead and underground wire will be provided by the City. The homeowner will be responsible for the trenching and the conduit with pull string from the meter base to either pole or splice box. Payson City will pull in the wire and make connections up at the pole. If a connection is made at the pole the individual resident will need to provide steel rigid 90 and the first 10 foot section of either IMC Steel or rigid for the riser pole and must be set in the manner that the rest of the riser may be built squarely with the pole. Payson City crews will build the riser past the first ten feet, using material furnished by the contractor
- e) Meter Base or service location will be located by Payson City Power Department and installed by contractor, on the sides of the house within the front 10 feet.
- f) All new Single Phase Construction (200 AMPS or less) is required to have an electrical service main disconnecting means on the outside of each residence.

- g) When existing three wire service is changed by Payson City to new triplex wire, the customer is required to give a point of attachment on the home. In cases of emergency Payson City will install a temporary point of attachment but the homeowner will be required to go back and give a permanent point of attachment within 48 hours of the emergency.
- h) Overhead services will be located by Payson City Corporation and installed by contractor. No electrical service will be connected having been installed in a carport, on an elevated porch, or similar "not readily accessible location."
- i) Metering services enclosed by additions to previous structures will be required to be relocated on the outside of such addition in an accessible location, or the homeowner may install remote metering. The cost of installing remote metering lies with the homeowner.
- j) Payson City Corporation will not be responsible for or required to repair any faulty device beyond the point of attachment of the original installation.

13.02.080 Subdivisions and Mobile Home Parks Distribution Requirements

There is hereby levied a comprehensive fee to cover the expenses incurred to extend any and all high voltage distribution lines for the electrical servicing of a particular building, residence, Mobile Home Park or Subdivision. This fee is levied to cover initial expenditures to supply any and all electrical requirements for annexations and building sites not previously having been served. The power line extension fee will also be levied when an existing high voltage line is not adequate to supply requirements of new construction or development. It will be the developer's responsibility to supply all labor, materials, for all power line extensions. Any extensions that involve existing high-powered city lines that are energized will be updated by Payson City crews at the developer's expense. These fees will be set by resolution

The department of Power and Light hereby sets specification standards and guidelines for the underground electrical distribution system of all Subdivisions and Mobile Home parks in Payson Utah. See 4-2 Electrical Construction Standard and Materials

- a) High voltage distribution systems in subdivisions will be loop connected where advantageous and be connected in a balanced three phase network if practical as determined by the Power and Light Director.
- b) All high voltage distribution systems in subdivisions and mobile home parks will be installed according to design and layout prepared by Payson Power and Light and provided to the developer. An as-built map of the power net work must be submitted to the department of Power and Light after installation.
- c) All electrical distribution, primary and secondary systems are to be installed in a PVC Duct (sch 40) network and generally in property fronts. All PVC Duct network must be inspected before back filling.
- d) As per the Title 20 Subdivision Ordinance. All costs incurred, including labor and material, will be paid by the developer. The City will provide labor for terminating primary connections and will assist contractor pulling any underground primary wire. The City will perform all work done on overhead energized conductors and the Contractor will pay all costs associated with any line extensions involving live primary wires.
- e) Estimated material and labor charges are to be bonded prior to installation.
- f) The Developer or subcontractor can install the distribution system, however they must be licensed with the city prior to beginning construction. All installations must be inspected and approved prior to burial of underground systems. All materials are to meet or exceed the specifications of the 4-2 Electrical Construction Standard and Materials.
- g) Final grade shall be established for the placement of transformers, secondary splice boxes, and any other necessary equipment. Costs incurred as a result of a grade change such as transformer realignment shall be born by the subdivider/developer.
- h) Individual residences within the subdivision will be responsible to trench, back fill, and install 600 Volt URD triplex cable in a PVC (sch 40) Duct from the secondary splice box or transformer to the meter main disconnect (rigid pipe and sweep 90') according to the original design and layout.
- i) Damaged equipment and material as a result of carelessness by equipment operators or a dig-in to electrical cable will be repaired at the expense of the responsible party.
- j) All temporary power stations that are located on the housing foundations and will provide permanent power upon final completion and inspection of residence. The temporary power stations are to be affixed permanently either by pouring the section of rigid conduit to which it is attached directly in the concrete foundation or anchoring to the concrete foundation. Meterbases must also be supported.
- k) All meter bases are to be set at 4' 6"- 6'(center of meter socket) above permanent grade and are to be spotted by an agent of the Power department.
- l) All garages, shops, or any other building on property already receiving services from Payson City requesting an additional power drop for garage or other said building will be required to pay applicable connection fees as per City Council resolution.
- m) All street lighting in Subdivisions shall be installed by the subdivider according to city specifications. (09-17-08)
- n) All other problems or questions are to be discussed with the Payson City electrical Director. Variations in this policy must be approved by the Payson City Council.
- 13.02.090 Inspection-Certificate**
Upon application for inspection of any distribution system as hereinafter provided the said inspector shall, after inspection and examination issue a certificate showing the result of such examination and any corrections in said work necessary to be made.
- 13.02.100 Unlawful Installation-Disconnection.**
If said inspector shall find any part of any electric distribution system or power wiring, to have been installed without permit, or installed not in accordance with the provisions of this chapter or to be dangerous to life and property, the inspector shall have the right and power to disconnect such defective work and shall at the same time give written notice of such disconnection.
- 13.02.110 Use of Disconnected Wiring Prohibited**

It shall be unlawful for any person to use any electrical power in, through, or by means of such disconnected distribution wiring.

13.02.120 Contracting Electricians-License-Defined

It shall be unlawful for any person to engage in, commence, conduct or carry on a business of a contracting electrician without first obtaining a license to do so. A contracting electrician shall be defined as any person who installs any electrical distribution system wiring, furnishing lights or other electrical work for a stipulated amount or under contract.

13.02.130 Permit Application

In order to secure a permit for the installation of electrical distribution system wiring, a written application shall be made to Payson City, and the applicant shall pay said department, in advance, the fee required in Section 13-02-030.

13.02.140 Rules Governing Installation

All electrical wiring installations, appliances for furnishing light, and other electrical work, shall be in conformity with the rules and requirements of the latest edition of the National Electrical Safety Code and the National Electrical Code, and all fittings and materials used in such installations must be sanctioned in the list of electrical fittings published by the National Board of Fire Underwriters, which rules and requirements and lists are hereby made a part of this chapter.

13.02.150 Notification of Inspection

Upon the completion of the installation of any electrical wiring, it shall be the duty of the person doing the work to notify the city, who shall inspect the same, and if approved, there shall be issued a certificate of proper inspection which shall contain the date of such inspection and an outline of the result. It shall be unlawful for any person to turn on or connect such installation until such a certificate shall be issued. It shall also be unlawful to make any change, alterations, or extension in or to the installation of any electrical wiring after inspection, without notifying the city, and securing a permit to do so. (See section 13-02-030)

13.02.160 Right of Entry

The city power crews including inspector and meter reader shall have the right to enter any premises at all reasonable hours for the purpose of reading electrical meters or inspecting the electrical wiring.

13.02.170 Vicious Animals

The Payson City Inspector and Meter Reader, upon written notice to the owner or the landlord, where there is an electrical meter that is unattainable to be read or inspected because of a vicious animal, will be disconnected until alterations are made.

13.02.180 Tree Trimming

Payson City Power and Light crews or subcontractors shall have the right to enter and trim trees, shrubs, or bushes that interfere with or may interfere with the electrical system at the desecration of the Department.

13.02.190 Liability to City

Nothing in this chapter shall be construed to relieve or lessen the responsibility of any person owning, operating or installing any electrical wires, fixtures, appliances, apparatus, construction or equipment for damages to anyone injured or damaged either in person or property by any defect therein. Nor shall the City or any agent thereof be held liable by reason of the inspection authorized herein or the certificate or inspection issued by the city wiring inspector.

13.02.200 Code Adopted

A. The latest edition of the National Electric Code compiled by the National Fire Protection Association, prepared and published in code form by said association is hereby approved and adopted as the National Electric Code and by this reference is made a part of this Ordinance to the same extent and effect as though said Code was copied herein in full.

B. The latest edition of the National Electrical Safety Code compiled by the Institute of Electrical and Electronics Engineers, Inc. Prepared and published in code form by said association is hereby approved and adopted as the National Safety Code and by this reference is made a part of this Ordinance to the same extent and effect as though said Code was copied herein in full.

13.02.210 Penalties for Violations

Violation of any of the required acts, terms or conditions or the omission of any acts required by the National Safety Code adopted in this chapter shall constitute a Class C misdemeanor.

Chapter 13.03

(amended 10-19-11, 09-05-12)

13.03.010 City Council to Adopt Schedule of Rates

13.03.020 Application for Service-Contents

13.03.030 Customer Accounts

13.03.040 Customer Deposit-When Required-Use

13.03.050 Credit-Discontinuing Service

Commercial business deposit will not be required of an owner of a commercial business if a new account is being established by someone who currently has an active commercial account with Payson City for another business, and who's commercial account has been active and has not been in default for the past twenty-four (24) months. The Commercial establishment shall make a cash deposit or a Surety Bond deposit in place of cash payment. The Commercial customer will be responsible for all costs incurred for the bonding. If a purchaser is in default of payment for service more than Forty-five (45) days after due, the department may discontinue service to said purchaser.

13.03.010 City Council to Adopt Schedule of Rates (09-05-12)

The City Council of Payson shall adopt by resolution a schedule of rates to cover the costs of extension, connection and consumption of electric power. The City Council shall also adopt a policy setting forth the procedures and fees for the shut-off of City utility services relating to delinquent utility accounts.

13.03.020 Application for Service-Contents

Every person desiring to obtain electrical service from the department shall make application in writing, stating the location of the house or building by street number desired to be given such services, and stating whether or not it is a residence or business.

13.03.030 Customer Accounts

All Payson City Electrical Customer Accounts are confidential and will not be given out to the general public. Electrical Customers of Payson City may review their own accounts. Customers of Payson City may receive a written copy of their own account at the cost of producing account information.

13.03.040 Customer Deposit – When Required - Use

The department of power and light may, before making any new connection for power service, require the purchaser thereof to deposit a sum of money equal to the estimated consumption of said purchaser for a period of two months. Minimum deposits will be set by resolution.

Residential Deposit - Residential deposits will be refunded to homeowners after six (6) consecutive months of full payments, made on or before the due date. Mobile home owners after twelve (12) consecutive months of full payments made, on or before the due date. Refund of deposit to rental units will be at the time of termination of power usage. If a purchaser is in default of payment for service more than for forty-five (45) days after due, the department, may discontinue service of said purchaser.

A consumer who believes that their bill is in error, or wish to discuss or dispute the bill for any reason, may request and receive a hearing with a Payson City official prior to interruption of service.

In case a delinquent account is referred to the City Attorney a reasonable attorney's fee and court costs must be paid by the defendant.

At the end of 2 years (on the Anniversary date) Commercial Customer may request the bond to be canceled or the deposit to be applied to his account. At the time of the request the account must have a zero balance. The city will not pay any interest on the deposit or any fees connected therein with the bond while being held. A deposit will be required on all new building accounts to be paid at the time when connection fees are being paid.

13.03.050 Credit-Discontinuing Service (09-05-12)

No credit shall be extended to any residential customer of electricity from said system for a period of more than forty (40) days; or to any commercial business for a period of more than forty (40) days. If service has been discontinued because of non-payment, it will not be restored until the payment of the delinquent amount is paid in full. A service charge is required by said customer if re-connection occurs during regular working hours, and an after-hours service charge will be charged if re-connection occurs other than regular working hours. Fees will be set by resolution of Payson City Council. Even if a meter is not physically turned off, if the account is on the shut off list, the service fee will be charged.

Chapter 13-04

- 13.04.010 Meters--Installation-Testing**
- 13.04.020 Damage to Property -- Interruption of Service**
- 13.04.030 Right to Meter Premises -- Right of Entry**
- 13.04.040 Single Service Limitations**
- 13.04.050 Penalties for Violations**
- 13.04.060 Damaging or Tampering with Electrical Structures Appurtenances or Equipment**

13.04.070 Temporary Power unit Installation and Cost

part of the electrical system of Payson City. It shall be unlawful for any account holder, person, or his agent to (1) tamper with the meter (2) use any unauthorized electrical power from Payson City system (3) Damage any part of the electrical system. The account holder, or any other person, or agent with knowledge of 1,2, 3 of the above occurring will be held criminally responsible if they fail to report the incident within 24 hours after the occurrence to Payson City.

13.04.010 Meters--installation--Testing

The department of power and light shall cause to be installed and maintained one meter per home or business. All Commercial businesses will be metered on a demand basis and billed accordingly. Building additions will not be supplied from a separate meter or additional meter, existing metering must be modified to accommodate additional power requirement. All meters will be tested periodically.

Any person or persons who re-connect any electrical meter after being turned off because of non-payment will be in violation of a Class C Misdemeanor.

13.04.020 Damage to Property- Interruption of Service

All consumers of electricity connected with said meters shall be responsible on such consumer's premises, unless occasioned by cause beyond his control, or by the negligence of the department. The department shall not be responsible for any interruption or failure to supply electricity if such failure or interruption is without fault of said department of electrical power. Electrical wiring and equipment beyond the point of attachment shall be the responsibility of the consumer for any maintenance or repair.

13.04.070 Temporary Power Unit Installation and cost

There will be a fee set by resolution, for Residential temporary power hook-up. All temporary power units will be metered. Each contractor will be responsible for providing their units. All inspections and accounts must be in place before temporary power is hooked-up. Residential units will be charged at the residential rate.

13.04.030 Right to Meter Premises-Right of Entry

All consumers being served shall give the department employees permission to enter his/her premises to read and inspect meters, to repair and remove all or part of the apparatus or property owned by said department. The meter will be read and must be accessible at the time service is established and at certain periods thereafter.

There will be a fee for Commercial and Industrial temporary hook-up set by resolution. Commercial and Industrial customers will provide their own temporary, including temporary unit, transformers and all other cost associated with the installation. They will be metered and charged at the General Service rate.

If part of this Ordinance is found to be invalid it shall t the remaining part of this Ordinance.

13.04.040 Single Service Limitations

The department shall not permit the use of power from a single service of two or more buildings, unless the buildings are under a common ownership, or leasehold. The buildings must be classed as one fire risk and operated as a single continuous property.

Chapter 13.05

Electrical Power Pole Attachment Utility Rate

13.04.050 Penalties for Violations

Any person, firm association or corporation violating any of the provisions of this chapter, or any of the rules and regulations of the department shall be deemed guilty of a Class C misdemeanor.

13.05.010 Purpose

13.05.020 Definitions

13.05.030 Pole Line Attachment Rate Formulas

13.05.040 Minimum Requirements for Power Pole Line Attachment Agreements

13.05.050 Special Conditions

13.04.060 Damaging or Tampering with Electrical Structures, Appurtenances, or Equipment

No unauthorized persons, shall negligently break, damage, destroy, uncover, deface, or tamper with any structure, appurtenance, equipment or meter that is

13.05.010 Purpose

The purpose of this chapter is to establish a uniform rate to be applied in power pole line attachment agreements with private telecommunications and cable television companies which attach cables or lines to the city’s power poles.

13.05.020 Definitions

The terms used in this chapter shall have the following definitions:

“Average number of pole attachments” means the average number of pole line attachments per pole.

“Carrying charge rate” means an amount equal to the sum of interest costs or return on net assets of 5.0% plus in lieu of tax transfer costs of 10.0%.

“Net cost of pole” means the average net cost of installing a power pole, including capital costs, labor and installation costs.

“Pole height” means the standard height of a power pole, which shall be presumed to be 37.5 feet.

“Pole attachment” means any attachment by a cable television system or provider of telecommunications service to a pole, duct, conduit, or right-of-way owned or controlled by Payson City.

“Pole line attachment rate” means the rate to be used by the city in entering into power pole line attachment agreements with cable television and telecommunications providers, which shall be calculated as set forth in this chapter.

“Space occupied by pole line attachment” means the standard space occupied by one attachment to a power pole, which for the purposes of this chapter shall be presumed to be one foot.

“Total usable pole space” means standard space on a power pole available for pole line attachments, which shall be presumed to be 13.5 feet.

“Total unusable pole space” means the standard space on a power pole not available for pole line attachments, which shall be presumed to be 24 feet.

13.05.030 Pole Line Attachment Rate Formulas

The pole line attachment rate shall be set as determined by the following formulas:

A. Pole line attachment rate equals usable pole space factor plus unusable pole space factor, mathematically represented as follows:

$$\begin{matrix} \text{Maximum Pole} & = & \text{Usable} & + & \text{Unusable} \\ \text{Line} & & \text{Pole} & & \text{Pole Space} \\ \text{Attachment} & & \text{Space} & & \text{Factor} \\ \text{Rate} & & \text{Factor} & & \end{matrix}$$

B. Usable pole space factor equal space occupied by pole line attachment divided by total usable space, multiplied by: (1) total usable space divided by pole height; (2) net cost of pole; (3) carrying charge rate, mathematically represented as follows:

$$\begin{matrix} \text{Usable} & = & \text{Space} & * & \text{Total} & * & \text{Net} & * & \text{Carrying} \\ \text{Pole} & & \text{Occupied} & & \text{Usable} & & \text{Cost} & & \text{Charge} \\ \text{Space} & & \text{By Pole} & & \text{Space} & & \text{Of} & & \text{Rate} \\ \text{Factor} & & \text{Line} & & & & \text{Pole} & & \\ & & \text{Attachment} & & & & & & \\ & & & & \text{Total} & & \text{Pole} & & \\ & & & & \text{Usable} & & \text{Height} & & \\ & & & & \text{Space} & & & & \end{matrix}$$

C. Unusable pole space factor equals two-thirds multiplied by: (1) total unusable pole space divided by pole height; (2) net cost of pole divided by number of attachments; (3) carrying charge rate, mathematically represented as follows:

$$\begin{matrix} \text{Unusable} & = & 2/3 & * & \text{Total} & * & \text{Net} & * & \text{Carrying} \\ \text{Pole} & & & & \text{Unusable} & & \text{Cost} & & \text{Charge} \\ \text{Space} & & & & \text{Pole} & & \text{Of} & & \text{Rate} \\ \text{Factor} & & & & \text{Space} & & \text{Pole} & & \\ & & & & & & \text{Pole} & & \\ & & & & & & \text{Height} & & \end{matrix}$$

13.05.040 Minimum Requirements for Power Pole Line Attachment Agreements.

At a minimum, all power pole line attachment agreements shall require private telecommunications and cable television providers to comply with the following:

A. All requirements of the National Electrical Safety Code, and additional safety requirements deemed necessary by the power department.

B. Location, spacing, loading and guying requirements deemed necessary by the power department engineering manager.

C. All mandatory underground cable installation requirements, if any, imposed by law on all telecommunications and cable television providers.

13.05.050 Special Conditions

Chapter 13.05.050 Special Conditions

1 All customers with an application date later than March 1, 2017 shall pay for the net energy used in accordance with the formula outlined below in subsection (a). All customers with an application date prior to March 1, 2017 shall pay for the net energy used in accordance with the formula described below in subsection (b):

- (a)
 - a. The customer shall pay for all electric energy used by the customer at the Residential rate. Energy supplied to the city by the customer from on the premises generation, which is fed back into the city’s electric distribution system will be paid at the feed in tariff rate. This true up will happen each billing cycle no banking of energy will be accepted.
 - b. Commercial installations will be handled the same way as Residential customers but will be billed under their applicable power rate.
- (b) The Customer
 - a. The customer shall pay for all electric energy supplied by the city to the customer in any billing period in excess of the amount of electric energy produced by the customer on the premises which is fed back into the city’s electric distribution system during that same billing period.
 - b. The customer shall receive a credit for all electrical energy produced by the customer on the premises which is fed back into the city’s electrical distribution system during a billing period in excess of the amount of electric energy supplied by the city during that billing period, with such credit applied to the customer’s future bills, except that any electric energy credit balance remaining in favor of the customer under the provisions of this subsection at the time of their April billing each year shall be zeroed out with no further liability to the city and no credit to the customer for said balance.
 - c. In the event the customer terminates service under this electric service schedule, any electric energy credit balance in favor of the customer under the provisions of this subsection shall be forfeited. The city will not make cash payment to customers based on their participation in the program.

d. Customers who are being billed pursuant to this subsection 1(b) who either sell or rent their home will be updated to the billing procedures of subsection 1(a).

2 The price for electric energy provided to, or credited to, a customer participating in the Distributed Generation Program shall be the price charged by the city under the provisions of the electric service schedule for which the customer receives service.

3 The Distributed Generation Program billing adjustment only applies to charges for energy. Participating customers are subject to all other charges, rates, terms and conditions of the electric service schedule under which the customer receives service except as expressly altered by this electric service Distributed Generation Program.

4 The customer will release to City all renewable energy credits (RECs), solar renewable-energy credits (S-RECs), or other renewable attributes as appropriate based on actual on-site electric generation from the Renewable Resource.

5 The customer shall be responsible for any damage caused by the customer-generating facility to the City’s distribution system and/or neighboring services. The customer shall be responsible for the installation and maintenance of applicable protection equipment, and for any damage caused by improper application, maintenance of faulty equipment.

6 Payson City shall not be liable directly or indirectly for permitting or continuing to allow an attachment of a net metering facility or for the acts or omissions of the customer-generator that cause loss or injury, including death, to any third party.

Chapter 13.06 Distributed Generation Program

- 13.06.010 Purpose**
- 13.06.020 Definitions**
- 13.06.030 Technical Standards for Interconnection**
- 13.05.040 Application for Interconnection**
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Chapter 13.06.010 Purpose and Scope

The purpose of this program is to establish rules for determining the terms and conditions governing the interconnection of electric generation facilities with a

nameplate generating capacity of not more than 10 kilowatts for Residential and 25 kilowatts for Commercial to the electric system of Payson City

Chapter 13.06.020 Definitions

“Applicant” means a customer of Payson Power and Light that desires to become a Generator operating a Generating Facility installed in Payson City’s electric service territory.

“Electric system” means all electrical wires, equipment, and other facilities owned or provided by the utility that are used to transmit electricity to customers.

“Generating facility” means a source of electricity owned by the applicant or generator that is located on the applicant’s side of the point of common coupling, and all facilities ancillary and appurtenant thereto, including interconnection facilities, which the applicant requests to interconnect to the utility’s electric system.

“Generator” means the entity that owns and/or operates the generating facility interconnected to the utility’s electric system.

“Interconnection” means the physical connection of a generating facility to the electric system so that parallel operation may occur.

“Interconnection agreement” means the standardized terms and conditions that govern the interconnection of generating facilities pursuant to these rules. The model interconnection agreement may be modified to accommodate terms and conditions specific to individual interconnections, subject to the conditions set forth in these rules.

“Interconnection facilities” means the electrical wires, switches and other equipment used to interconnect a generating facility to the electric system.

“Net metering” means measuring the difference between the electricity supplied by the utility and the electricity generated by a generating facility that is fed back to the utility over the applicable billing period.

“Parallel operation” or “operating in parallel” means the synchronous operation of a generating facility while interconnected with the utility’s electric system.

“Utility” means Payson City that owns and operates the electrical distribution system, or the electrical distribution system itself, onto which the applicant seeks to interconnect a generating facility.

Chapter 13.06.030 Technical Standards for Interconnection

1 General interconnection requirements.

(a) The generator shall comply with the requirements in subsection (a)(i), (a)(ii), and (a)(iii). However, at its sole discretion, the utility may approve alternatives that satisfy the intent of, and/or may excuse compliance with, any specific elements of these requirements.

(i) Code and Standards. Applicant shall conform to all applicable codes and standards for safe and reliable operation. Among these are the National Electric Code (NEC), National Electric Safety Code (NESC), the Institute of Electrical and Electronic Engineers (IEEE), American National Standard Institute (ANSI), and Underwriters Laboratories (UL) standards, and local, state and federal building codes. The generator shall be responsible to obtain all applicable permit(s) for the equipment installations on its property.

(ii) Safety. All safety and operating procedures for joint use equipment shall be in compliance with the Occupational Safety and Health Administration (OSHA) Standard 29, CFR 1910.269, the NEC, Washington Administrative Code (WAC) rules, the Washington Industrial Safety and Health Administration (WISHA) Standard, and equipment manufacturer’s safety and operating manuals.

(iii) Power Quality. Installations will be in compliance with all applicable standards including IEEE Standard 519-1992 Harmonic Limits.

2 Specific interconnection requirements.

(a) Applicant shall furnish and install on applicant's side of the meter, a UL-approved safety disconnect switch which shall be capable of fully disconnecting the applicant's generating facility from the utility's electric system. The disconnect switch shall be located adjacent to utility meters and shall be of the visible break type in a metal enclosure which can be secured by a padlock. The disconnect switch shall be accessible to utility personnel at all times.

(b) The requirement in subsection (2) (a) above may be waived by the utility if: (i) applicant provides interconnection equipment that applicant can demonstrate, to the satisfaction of the utility, performs physical disconnection of the generating equipment supply internally; and (ii) applicant agrees that its service may be disconnected entirely if generating equipment must be physically disconnected for any reason.

(c) The utility shall have the right to disconnect the generating facility at the disconnect switch under the following circumstances: when necessary to maintain safe electrical operating conditions; if the generating facility does not meet required standards; if the generating facility at any time adversely affects or endangers any person, the property of any person, the utility's operation of its electric system or the quality of the utility's service to other customers; or failure of the owner of record, as filed with the utility, to notify the utility of a sale or transfer of the generator, interconnection facilities or the premises on which the generator is located.

(d) Nominal voltage and phase configuration of applicant's generating facility must be compatible to the utility system at the point of common coupling.

(e) Applicant must provide evidence that its generation will never result in reverse current flow through the utility's network protectors. All instances of interconnection to secondary spot distribution networks shall require review and written pre-approval by the utility. Interconnection to distribution secondary grid networks is not allowed. Closed

transition transfer switches are not allowed in secondary network distribution systems.

3 Specifications applicable to all inverter-based interconnections. Any inverter-based generating facility desiring to interconnect with the utility's electric system or modify an existing interconnection must meet the technical specifications, in their most current approved version, as set forth below.

(a) IEEE Standard 1547-2003, Standard for Interconnecting Distributed Resources with Electric Power Systems.

(b) UL Standard 1741, Inverters, Converters, and Controllers for use in Independent Power systems, Equipment must be UL listed.

(c) IEEE Standard 929-2000, IEEE Recommended Practice for Utility Interface of Photovoltaic (PV) Systems.

4 Requirements applicable to all non-inverter-based interconnections. Non-inverter based interconnection requests may require more detailed review, testing, and approval by the utility, at applicant cost, of the equipment proposed to be installed to ensure compliance with applicable technical specifications, in their most current approved version, including:

(a) IEEE Standard 1547-2003, Standard for Interconnecting Distributed Resources with Electric Power Systems.

(b) ANSI Standard C37.90, IEEE Standard for Relays and Relay Systems Associated with Electric Power Apparatus.

(c) Applicants proposing such interconnection may also be required to submit a power factor mitigation plan for utility review and approval.

Chapter 13.05.040 Application for Interconnection

1 Application form. When an applicant requests interconnection from the utility, the applicant shall be responsible for conforming to the rules and regulations that are in effect. The applicant seeking to interconnect a generating facility under these rules must fill out and submit a signed application form. Information must be accurate, complete and approved by the utility prior to installing the generating facility.

2 Application fees. The utility requires a non-

refundable interconnection application fee of \$100.00, with payment for the net meter.

3 Applicants are Customers. All Applicants must take delivery of energy from Payson City at their applicable power rate schedule. The City may review its rate schedules at any time including the purchase price of distributed generation.

4 Applicant limits. Applications will be accepted on a first –come, first served basis to the capacity limit of the circuit or the distribution system, as determined by the City. City may offer Customer the ability to pay for the cost to increase the circuit or distribution capacity limit to accommodate Customer request.

5 Application evaluation. All generating interconnection requests pursuant to this chapter will be reviewed by the utility for compliance with these rules. If the utility in its sole discretion find that the application does not comply with this chapter, the utility may reject the application. If the utility rejects the application, it shall provide the applicant with written notification stating its reasons for rejecting the application.

Chapter 13.05.050 Special Conditions

1 The customer shall pay for the net energy used in accordance with the following formula:

- (c) The customer shall pay for all electric energy used by the customer at the Residential rate. Energy supplied to the city by the customer from on the premises generation, which is fed back into the city’s electric distribution system will be paid at the feed in tariff rate. This true up will happen each billing cycle no banking of energy will be accepted.
- (d) Commercial installations will be handled the same way as Residential customer but will be billed under there applicable power rate.

7 The price for electric energy provided to, or credited to, a customer participating in the Distributed Generation Program shall be the price charged by the city under the provisions of the electric service schedule for which the customer receives service.

8 The Distributed Generation Program billing adjustment only applies to charges for energy. Participating customers are subject to all other charges, rates, terms and conditions of the electric service schedule under which the customer receives service except as expressly altered by this electric service Distributed Generation Program.

9 The customer will release to City all renewable energy credits (RECs), solar renewable-energy credits (S-RECs), or other renewable attributes as appropriate based on actual on-site electric generation from the Renewable Resource.

10 The customer shall be responsible for any damage caused by the customer-generating facility to the City’s distribution system and/or neighboring services. The customer shall be responsible for the installation and maintenance of applicable protection equipment, and for any damage caused by improper application, maintenance of faulty equipment.

11 Payson City shall not be liable directly or indirectly for permitting or continuing to allow an attachment of a net metering facility or for the acts or omissions of the customer-generator that cause loss or injury, including death, to any third party.