



City of Grand Island

Tuesday, March 8, 2016

Council Session

Item F-2

#9578 - Consideration of Amendments to Chapter 15 of the Grand Island City Code Relative to Electricity

Staff Contact: Tim Luchsinger

Council Agenda Memo

From: Timothy Luchsinger, Utilities Director
Craig Lewis, Building Department Director
Jerry Janulewicz, City Attorney

Meeting: March 8, 2016

Subject: Ordinance #9578 – Consideration of Amendments to Chapter 15 of the City Code relative to Electricity

Presenter(s): Timothy Luchsinger, Utilities Director

Background

In review of Chapter 15, Electricity, of the City Code for recent required revisions, City staff came across inaccuracies due to changes over time, and opted to conduct substantial edits that reflect current terminologies and organizational structure currently in place in the City. Examples of this include capitalization of references to City, Council, and Mayor, change of position classification from director of utilities to Utilities Director and chief building official to Building Department Director.

Discussion

In addition to the nomenclature previously indicated changes to Chapter 15, Electricity, include the following.

- Removed repetitious language in City Code already in National Electrical Code.
- Added reference to Nebraska State Statute regarding electric meter tampering.
- Amended conditions regarding temporary electric permits.
- Added requirements for electric inspections for services disconnected longer than six months or for fires.
- Amended duties of the Electric Board.
- Amended requirements for electric contractors, master electricians, journeyman electricians, and apprentice electricians.
- Added conditions in accordance with Nebraska State Statutes for customers owning small generators utilizing wind, solar, biomass, hydro, or geothermal sources.
- Adding statement disclaiming any liability regarding damage to disconnection of service due to nonpayment.

- Addition of actual cost of air emission control reagents used by power plants to the calculation for the Power Cost Adjustment. The cost of the reagents is approximately 10% of fuel costs, which is projected to be about \$1,000,000 annually, resulting in a rate increase of 1½ to 2%.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

Recommendation

City Administration recommends that the Council approve Ordinance #9578 relative to revisions of the City Code, Chapter 15 - Electricity.

Sample Motion

Move to approve Ordinance #9578 relative to revisions of the City Code Chapter 15 - Electricity.

ORDINANCE NO. 9578

An ordinance to amend Chapter 15 of the Grand Island City Code; to amend various sections of Chapter 15 pertaining to housekeeping issues, terminologies and organizational structure; to repeal Chapter 15 as now existing, and any ordinance or parts of ordinances in conflict herewith; and to provide for publication and the effective date of this ordinance.

BE IT ORDAINED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA:

SECTION 1. That Chapter 15 of the Grand Island City Code shall be modified to read as follows:

CHAPTER 15 ELECTRICITY

Article I. Licenses; Installations; Inspections

Division 1. Generally

§15-1. Applicability of Article

This article shall apply to all structures, constructed, assembled or placed within the City zoning jurisdiction, and provides standards for electrical wiring as identified in the Nebraska State Electrical Act.

Amended by Ordinance No. 9366, effective 03-30-2012

§15-2. National Electrical Code Adopted

(A) There is hereby adopted by the City of Grand Island for the purpose of safeguarding persons and buildings from hazards arising from the use of electricity for light, heat, power, radio, signaling, and other purposes, that certain code known as the National Electrical Code, 2014 Edition, recommended by the National Fire Protection Association, except as modified by this section.

(B) The National Electrical Code ~~adopted by subsection (A) above~~ is modified by deleting ~~Article 362, Article 210-52C Subsection 2 and 3, which are not adopted and shall have no force or effect.~~ Articles 320, ~~and 330, 334, 348, and 352~~ are amended by §15-3 of the Grand Island City Code.

(C) One copy of the National Electrical Code, 2014 Edition, shall be on file in the City clerk's office for public use and inspection as provided by law.

Amended by Ordinance No. 8990, effective 8-10-2005

Amended by Ordinance No. 9194, effective 11-1-2008

Amended by Ordinance No. 9366, effective 03-30-2012

Approved as to Form	<input type="checkbox"/>
March 3, 2016	<input type="checkbox"/> City Attorney

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Amended by Ordinance No. 9508, effective 12-31-2014

§15-3. Amendments to National Electrical Code, 2014 Edition

The following sections are adopted as amendments to the same numbered sections of the National Electrical Code, 2014 Edition:

Article 320 – Armored cable (type AC)

~~320.10. Uses permitted. Armored cable may be used for indoor branch circuits when installed with a grounding conductor in the cable with the branch circuit conductors and sized to the overcurrent protective device. Anti short bushings shall be used.~~

~~320.12. Uses not permitted. Armored cable shall not be used in hazardous locations, where buried or in direct contact with the earth, concrete, cinder fill or where exposed to chemicals or acids.~~

Article 330 - Metal-Clad Cable (Type MC)

~~330.10. Uses Permitted. Metal clad cable may be used for indoor branch circuit use only when installed with a grounding conductor in the cable with the circuit conductors and sized to the overcurrent protective device. Anti short bushings shall be used.~~

~~330.12. Uses Not Permitted. Metal clad cable shall not be used in hazardous locations where subject to physical damage, buried in direct contact with the earth, concrete, cinder fill, or where exposed to chemicals or acids.~~

~~Article 334 – Nonmetallic-Sheathed Cable (Types NM, NMC, and NMS)~~

~~334.12. Uses Not Permitted. In any multifamily dwelling or structure exceeding three floors above grade. For the purpose of this article, the floor of a building shall be that floor that has fifty percent (50%) or more of the exterior wall surface area level with or above finished grade. One additional level that is the first level and not designed for human habitation and only for vehicle parking, storage or similar use shall be permitted.~~

~~Article 352 – Rigid Nonmetallic Conduit (PVC)~~

~~352.10. Uses Permitted~~

- ~~(A) Where encased in concrete~~
- ~~(B) Underground installations~~
- ~~(C) For service entrances on the outside of buildings where not subject to physical damage~~
- ~~(D) For raceways to feed subpanels~~
- ~~(E) In wet locations where used with proper connections and fittings~~
- ~~(F) For physical protection of ground wires~~

~~352.12. Uses Not Permitted~~

- ~~(A) In alleys or utility easements, the first section of conduit out of the ground~~
- ~~(B) For branch circuits~~

~~Article 348 – Flexible Metal Conduit~~

~~348.10. Uses Permitted.~~

~~Flexible metal conduit may be used for fish work in old buildings or other places where rigid conduit is impractical to install. Special permission shall be obtained from the electrical inspector before it is used in lengths longer than six feet.~~

Amended by Ordinance No. 8990, effective 8-10-2005

Amended by Ordinance No. 9194, effective 11-1-2008

Amended by Ordinance No. 9366, effective 03-30-2012

Amended by Ordinance No. 9508, effective 12-31-2014

§15-4. Electrical Plans

Wherever the Building Code of the City requires that plans be filed with the ~~building~~ **Building department** ~~Department~~ for the construction and alteration of dwellings and all other buildings and structures in the City, there shall also be filed a detailed plan of the electrical work to be done on such structures which plan shall show the outlets, connections, and all fixtures and appliances to be installed. If deviations are made from an approved set of plans, then the changes shall be submitted for approval. When the electrical work to be done is for additional wiring only, the ~~Building Department Director~~ **Electrical Inspector** ~~chief building official~~ may approve the same without plans therefor.

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§15-5. Installation of Service Conductors

All electrical service conductors, ~~except those of a temporary nature,~~ shall be installed according to ~~the National Electrical Code with the following additional requirements, one of the following methods, and the~~ The point of entrance in all cases shall be determined by the ~~City-Grand Island utility department~~ Utilities Department:

Overhead Service

~~(A) The approved wires shall be installed in three fourths inch or larger conduit with approved service heads or conduit fittings on the exterior terminals. This service conduit shall be continuous from the service head to the sealed meter connection box, or sealed metallic meter housing, with no pull boxes, conduit fittings, or other openings except in cases where these are absolutely necessary, and written permission to install them has first been given by the electrical inspector. In all cases, the boxes, condulets, or fittings in a service conduit must be of a sealable type. Where the service mast is used for the sole support of the service drop, the minimum size shall be two-inch intermediate or galvanized rigid metal conduit. The service mast shall be continuous with no interruptions. The point of attachment shall be a minimum height of twelve (12) feet. Other methods may be used if approved by the electrical inspector. It shall be the duty of the electrical inspector to notify the supplier of electrical service of approved openings in the service conduit so all openings may be sealed.~~

~~(B) Approved service entrance cable with approved weatherproof fittings with wires not smaller than number eight, B and S gauge, shall be installed for the service conductors and shall be continuous from the service head to the sealed meter connection box or the sealed metallic meter housing. The sealed metallic meter housing must be located in an approved accessible housing and must be located in an accessible place, and may be either inside or outside the building.~~

Underground Service

~~(C) Underground services shall be installed by using approved conductors. These The service conductors shall be installed in a three fourths inch or larger continuous approved metallic or pvc conduit system from the service head, or transformer or secondary tap box to the main meter socket or service disconnect. The first ten feet of conduit out of the ground attaching to a utility pole shall be schedule 40 G.R.C. conduit. All service heads, conduits, fittings, and terminals shall be approved for the location. Service conduit shall be continuous from the service head to the sealed meter connection box, or sealed metallic meter housing, with no pull boxes, conduit fittings or other openings except in cases where these are absolutely necessary, and written permission to install them has first been given by the electrical inspector. In all cases, the boxes, condulets, or fittings in a service conduit must be of a sealable type. It shall be the duty of the electrical inspector to notify the city electric department of approved openings in the service conduits so all openings may be sealed. The first section of conduit out of the ground shall be rigid metallic conduit where located in an alley or easement.~~

§15-6. Service Entrances

Each service entrance with 2,000 amperes capacity or less shall be provided with a readily accessible main disconnecting device with appropriate overcurrent protection; provided, each service entrance larger than 2,000 amperes capacity shall comply with the provisions of the National Electric Code. The device shall disconnect all ungrounded conductors from the source of supply in one motion or operation of the hand. For overhead services, said overcurrent protection shall be installed within twenty-five (25) feet from the weatherhead, ~~but and~~ within ten (10) feet from where the conductors enter the building. For underground services, said overcurrent protection shall be installed within ten (10) feet from where the conductors enter the building. ~~No service entrance conductors shall be installed within the hollow spaces of a frame wall unless provided with overcurrent protection at their outer end. Attachment devices or insulators for the service drop shall be installed by the electrical contractor on the alley or easement side of the building in such a manner so that the clearances as required by this Code can be maintained by the utility company.~~

~~(A) Manufactured Homes. Pedestals shall be required for power to manufactured homes on private lots, unless (1) the manufactured home comes with the service equipment factory installed or (2) the manufactured home is secured to a permanent foundation that complies with applicable building codes. This pedestal shall have proper overcurrent protection and provisions for metering.~~

~~(BA) Provisions for Metering. The meter socket shall be the "ring type" meter socket for 200 amp services and below. Meter sockets shall be mounted on the outside of a building with the centerline located between five (5)~~

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and six (6) feet above finished grade unless prior approval is given by the Utilities Department and Building Department. Additional provisions for metering shall be in accordance with can be found in the Metering Standards set out by the Grand Island Utilities Department.

~~(C) Electrical Service Panels for Dwellings.~~ The minimum size of electrical panel that can be installed in a dwelling shall be 20 circuit for 100 amp, 30 circuit for a 150 amp, and 40 circuit for a 200 amp.

~~(B) Single family switches shall be grouped to disconnect them with one motion of the hand.~~

~~(DC) Multiple Family Units.~~ New multiple family units constructed in compliance with Chapter 8 of the Grand Island Code may be allowed up to 6 switches, one switch per unit. All switches shall be grouped together in one listed and approved assembly.

~~(ED) Number of Services.~~ One electrical service shall be provided for each tract or parcel of land, except upon written request and approval by the Utilities Director and Building Department Director, and/or their respective designee, and in conformance with the National Electrical Code.

~~(E) Electric Meter Location.~~ The electric meter shall be located on the property that it is supplying power to, unless prior approval by the Utilities Department and Building Department.

~~(F) Meter Tampering.~~ Pursuant to Nebraska Revised Statute 25-21, 275, tampering or bypassing a meter is strictly prohibited and will result in immediate disconnection.

~~(G) Grade Changes.~~ The property owner shall be responsible for any repairs or modifications to City owned equipment damaged or deemed unsafe due to grade changes, settlement or erosion.

~~(F) Multiple Occupancy Building.~~ Each tenant shall have access to their disconnecting means and overcurrent protection. This disconnecting means and overcurrent protection shall not be guarded by locked doors.

Exceptions: (1) The disconnecting means and overcurrent protection are located in the tenant space.

(2) All electrical equipment is located in a common area with access to all tenants.

(3) Electrical equipment is located outside.

Amended by Ordinance No. 8990, effective 8-10-2005

Amended by Ordinance No. 9194, effective 11-1-2008

Amended by Ordinance No. 9366, effective 03-30-2012

§15-7. Wiring In Commercial Buildings

(A) ~~Metallic conduit wiring will be required~~ Nonmetallic cable shall not be used for the installation of all wiring for lights, heat, air conditioning power, or power in all commercial buildings. These include, but are not limited to, asylums, hospitals, hotels, motels, theaters, schools, factories, churches, warehouses, mills, grain elevators, food stores, office buildings, retail sales, stables, garages, meeting halls, buildings of fireproof or mill construction.

Exception: Tray cable systems installed in accordance with Article 392 NEC and permission of the Electrical inspector.

(B) All dwelling units located within any commercial type building shall have electrical wiring installed in electrical metallic conduit be wired to the same commercial standard.

~~(C) For uses of metal clad cable (MC), refer to §15-3. For uses of rigid nonmetallic conduit (PVC), refer to §15-3.~~

~~(DC)~~ Wiring above suspended ceilings – all permanent raceways, boxes, cabinets, and fittings shall be securely fastened to the building structure.

Amended by Ordinance No. 8990, effective 8-10-2005

Amended by Ordinance No. 9194, effective 11-1-2008

§15-8. Wiring In Single and Multiple-Family Units

(A) Multiple family units may have branch circuits in individual units wired with nonmetallic sheathed cable if construction complies with Chapter 8 of the Grand Island City Code.

(B) Existing residential buildings containing more than six family units not having a two-hour fire wall rating separation as provided in Chapter 8 of the Grand Island City Code shall not be wired with Electrical Metallic Tubing (EMT type) in compliance with the provisions of this chapter nonmetallic cable.

(C) All No wiring in basements below the floor joist on exterior walls shall be wired with unprotected metallic tubing (EMT type) nonmetallic cable. All electrical wiring in unfinished basements below the floor joist level on interior and exterior walls shall be guarded. The electrical panels shall be the circuit breaker type.

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(D) Smoke alarms shall be installed to comply with Section R314 of the 2012 International Residential Code.

(E) Carbon monoxide alarms shall be installed to comply with Section R315 of the 2012 International Residential Code.

Amended by Ordinance No. 9366, effective 03-30-2012

Amended by Ordinance No. 9508, effective 12-31-2014

§15-9. Repairs In Building Damaged by Fire

Whenever the wiring of any building in the City has been damaged by fire, the Electrical Inspector shall be notified before permanent repairs to this wiring are started. In replacing such wiring, all the rules of this article shall be observed.

§15-10. Existing Electrical Installations

(A) *Extensions to Existing Installations.* Extensions to existing installations shall not be made, attached or connected to any existing wiring where the existing wiring does not conform to the minimum requirements as set forth by this article.

(B) *Removal of Unused Electrical Wiring.* All unused and abandoned electrical equipment, wiring, conduits, and devices shall be removed from all buildings and structures.

(C) *Existing Electrical Wiring.* All existing electrical wiring, conduits, equipment, and devices in existing buildings, ~~including remodeled areas of buildings,~~ shall ~~comply with the electrical code~~ be compliant with the code at the time of installation. Remodeled areas of buildings shall comply with the current code.

§15-11. Requirements for Electrical Installations

(A) Aluminum Conductors – aluminum conductors may be used for service entrance and feeders only.

(B) Equipment grounding conductors – an equipment grounding conductor will be required in all conduit systems except for rigid metal conduit systems with threaded hubs, couplings or fittings.

(C) CSST gas piping shall be bonded to comply with section 1311.14.2 of the 2012 Uniform Mechanical Code.

(D) Non-grounding receptacles shall not be installed, either in new work or for replacement, after December 31, 2014.

Amended by Ordinance No. 9194, effective 11-1-2008

Amended by Ordinance No. 9508, effective 12-31-2014

§15-12. Reserved.

§15-13. Reserved.

Division 2. Permits

§15-14. Permit for Work; Required

No electrical wiring work, unless excepted in this section, shall be undertaken prior to the issuance of a permit therefor by the ~~chief building official~~ Building Department Director. Such permit shall be issued only to a registered contracting electrician.

No permit shall be required for minor repair work such as repairing flush and snap switches, replacing fuses, changing lamp sockets and receptacles, taping bare wires and joints, and repairing drop cords.

§15-15. Permit; Application

(A) No permit shall be issued to any person to do or cause to be done any work regulated by this Code, except to a person holding a valid unexpired and unrevoked license-registration as required by this chapter, except when and as otherwise hereinafter provided in this section.

(B) A permit may be issued to a properly licensed-registered person not acting in violation of any current contractor licensing law.

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(C) Any permit by this Code may be issued to any person to do any work regulated by this Code in a single family dwelling used exclusively for living purposes, including the usual accessory buildings and quarters in connection with such buildings in the event that any such person is the bona fide owner of any such dwelling and accessory buildings and quarters, and that the same is currently occupied by said owner, provided, that said owner shall personally purchase all material and shall personally perform all labor in connection therein. No permit shall be issued to said owner for the installation of a new electrical service and panel.

(D) If work is done by other than said owner the permit will be voided and said owner will be subject to possible legal action.

Amended by Ordinance No. 8990, effective 8-10-2005

§15-16. Permit Fees

Upon the granting of a permit for electrical work requiring an inspection, the applicant shall pay a fee to the City in accordance with the City of Grand Island Fee Schedule.

§15-17. Electrical Work; Permit Required; Fee

The person to whom such ~~license-registration~~ is issued under this division shall be required to first secure permits to do any electrical work on the premises of such ~~licensee-registration~~ as required by ordinances of the City. Fees for the issuance of such permit shall be the same as now in force and required by ordinance.

§15-18. Investigation Fees; Work Without a Permit

(A) Whenever any work for which a permit is required by this Code has been commenced without first obtaining said permit, a special investigation shall be made before a permit may be issued for such work.

(B) An investigation fee, in addition to the permit fee, shall be collected whether or not a permit is then or subsequently issued. The investigation fee shall be in accordance with the City of Grand Island Fee Schedule. The payment of such investigation fee shall not exempt any person from compliance with all other provisions of this Code, nor from penalty prescribed by law.

(C) This provision shall not apply to emergency work when it shall be proven to the satisfaction of the ~~chief building official~~ Building Department Director that such work was urgently necessary and that it was not practical to obtain a permit before the commencement of the work. In such cases, a permit must be obtained as soon as it is practical to do so.

§15-19. Reinspection; Fees

A reinspection fee in accordance with the City of Grand Island Fee Schedule may be assessed for each inspection when such portion of work for which inspection is called is not complete or when required corrections have not been made.

Amended by Ordinance No. 9194, effective 11-1-2008

§15-20. Reserved.

§15-21. Reserved.

Division 3. Electrical Inspections; Electrical Board

§15-22. Inspections; Required

~~Upon the completion of the wiring of any building it shall be the duty of the person installing same to notify the electrical inspector, who shall inspect such installation within twenty-four hours of the time such notice is given, and if it is found to be in full compliance with this article, and does not constitute a hazard to life or property, he shall issue to such person for delivery to the owner of such building, a certificate of inspection, authorizing connection to the electrical service and the turning on of current, provided, that upon application to the chief building official, a temporary permit may be issued by the chief building official to energize a portion of the electrical wiring in a building for uses specified by the chief building official for a period of time not to exceed ninety days.~~ All electric apparatus, wires or conduits that are to be hidden from view shall be inspected before concealment, and any person installing such wires shall notify the ~~electrical~~ Electrical Inspector, giving him twenty-

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four hours in which to make the required inspection before such wires are concealed. For residential installations not exceeding four units per structure, power shall be permitted to be connected under the terms of a Temporary Electrical Hookup Agreement. This permit shall be obtained from the Building Department before a request is made to connect power.

Amended by Ordinance No. 8990, effective 8-10-2005

§15-23. Inspection of Electrical Work

Any electrical work performed under the provisions of this division shall be inspected by the ~~E~~lectrical ~~I~~nspector if the ordinances of the City provide for inspections.

§15-24. Violations

Any electrician, agent, or owner who shall construct, or cause to be constructed, wiring in any building, or part of such building or structure or device, in violation of any of the provisions of this article, and any architect, or other person, designing, drawing plans for, or having charge of such building, or part of such building or structure or device, who shall permit it to be so constructed, shall be deemed guilty of a misdemeanor.

§15-25. Designation of Electrical Inspector

Electrical inspections shall be under the supervision of the ~~chief building official~~ Building Department Director. The inspector in charge of these inspections shall be referred to in this article as the ~~E~~lectrical ~~I~~nspector.

§15-26. Records

The ~~electrical-Electrical inspector-Inspector~~ shall keep complete records of all permits issued and inspections made and other official work performed under the provisions of this article.

§15-27. Review of Decisions; Electrical Board

When the ~~electrical-Electrical inspector-Inspector~~ condemns all or part of any electrical installation, the owner may, within five days after receiving written notice from the electrical inspector, file a petition for review of such action of the ~~electrical-Electrical inspector-Inspector~~ with the City Electrical Board, on receipt of which the Board shall at once proceed to determine whether such electrical installation complies with this article, and within three days shall make a decision in accordance with its findings.

§15-28. Right of Entry; Inspections; Disconnection

The ~~electrical-Electrical inspector-Inspector~~ shall have the right, during reasonable hours, to enter any building in the discharge of official duties, or for the purpose of making any inspection or test of the installation of electric wiring, electric device, or electric material contained therein, and the electrical inspector shall have the authority to cause the turning off of all electrical currents and to cut or disconnect, in case of emergency, any wire where such electrical currents are dangerous to life or property.

If electrical wiring is found to be hazardous, it shall be the responsibility of the property owner to have the needed repair work started as soon as possible or within forty-eight (48) hours. Extended time may be given by the ~~electrical-Electrical inspector~~ Inspector.

If the service is disconnected for six (6) months or longer, an inspection shall be performed prior to reconnection. The City of Grand Island shall not be responsible for any damage to customer's property as a result of disconnection or reconnection.

§15-29. Disconnection or Removal During Fire

The ~~C~~ehief of the ~~F~~ire ~~D~~epartment or the ~~E~~lectrical ~~I~~nspector, or a competent person delegated by them, or either of them, shall have the power to at once cause the removal of all wires or the turning off of all electrical currents where such wires or current interfere with the work of the ~~F~~ire ~~D~~epartment during the progress of a fire. Any reconnection of a disconnected service shall be inspected by the Electrical Inspector prior to reconnection.

§15-30. Electrical Board; Appointment

The ~~E~~lectrical ~~B~~oard shall be appointed by the ~~M~~ayor annually, with the approval of the ~~C~~eity

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Council, and shall consist of a master electrician, a journeyman electrician, a representative of the ~~city utility department~~ Grand Island Utilities Department, a representative of the public at large, and the ~~B~~building ~~D~~epartment ~~D~~irector or delegated Electrical Inspector, who shall act as ex officio chairman of such ~~B~~board. Three members of the ~~E~~lectrical ~~B~~board shall constitute a quorum.

§15-31. Electrical Board; Duties

The ~~Electrical B~~board ~~of examiners~~ shall establish standards and procedures for the qualification, ~~examination,~~ and ~~licensing-registration~~ of master electricians and journeyman electricians and shall issue an appropriate ~~license-registration~~ to each person who meets the qualifications therefor ~~and successfully passes the examination given by the board.~~ The ~~B~~board shall keep an official record of all its transactions ~~and registrations, and shall retain all examination papers for a period of one year.~~

§15-32. Reserved.

§15-33. Reserved.

Division 4. Electrical Contractors; Licenses, Registration

§15-34. Intent of Division

It is the intent of this division that no person shall engage in the business of installing, repairing or altering electrical wiring unless the work performed in the course of such business is under the direct supervision of a contracting or master electrician licensed by the State of Nebraska and registered with the City of Grand Island ~~under the provisions of this article.~~

§15-35. Registration Required

No person shall engage in the business of installing, altering, or repairing any electrical wiring, fixtures, or apparatus for any purpose whatsoever in the City of Grand Island without first obtaining a Certificate of Registration as an electrical contractor.

Amended by Ordinance No. 9265, effective 08-17-2010

§15-36. Registration and Insurance Required

(1) Every registrant shall maintain in full force and effect insurance policies written by a company or companies authorized to do business in the State of Nebraska, with the following coverages, amounts, and provisions:

- (a) Comprehensive General Liability Insurance covering the operations of the registrant, including coverage for completed operations, with limits of not less than \$1,000,000 per occurrence for bodily injury and property damage.
- (b) A provision making the City of Grand Island an additional insured for any third party claims for bodily injury or property damage based upon occurrences in connection with the registrant's operations, including completed operations, within the City's zoning jurisdiction.
- (c) The registrant shall furnish the City of Grand Island Building Department a certificate or certificates of insurance for the above insurance coverage.
- (d) Any registration certificate issued under the provisions of this chapter shall be revoked should the registrant permit the insurance policy herein required to expire or lapse.

Amended by Ordinance No. 9144, effective 01-01-2008

Amended by Ordinance No. 9265, effective 08-17-2010

§15-37. ~~Examination; Required~~ Reserved

~~Any applicant for an electrical contractors certificate shall pass an examination before the Board of~~

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~~Examiners. If such applicant is the holder of a valid State of Nebraska Electrical Contractors License, he or she shall be entitled to work or practice such trade or skill without further compliance with the provisions of this article.~~

§15-38. Use of Name; Change of Address

No person or concern who has obtained a contracting electrician's registration, ~~and no person who has obtained an electrician's license~~, shall allow his name to be used by another person or concern, either for the purpose of obtaining permits, or for doing business or work under such registration ~~or license~~. Every person ~~licensed~~ registered pursuant to this article shall notify the Electrical Board ~~of examiners~~ of any change ~~of histo their~~ street address.

§15-39. Reserved

§15-40. Reserved

Division 5. Master, Journeyman, Apprentice; Electricians

§15-41. Registration; Required

No person shall be engaged in the installation of any electrical wiring, fixtures, equipment, or devices for any purpose whatsoever in the City without having registered in the office of the Building Department.

(A) ~~Examination; Required.~~ Any applicant for a ~~license or~~ registration certificate shall ~~pass an examination before the Board of Examination, unless he or she is~~ be the holder of a valid State of Nebraska Electricians License.

(B) ~~Licenses; Expiration; Renewal.~~ All journeyman electrician's and master electrician's ~~licenses or~~ certificates of registration issued by the Electrical Board shall expire on December 31 of the year in which such ~~license or~~ certificates are issued, but such ~~licenses or~~ certificates may be renewed within thirty days thereafter upon application and payment of fees in accordance with the City of Grand Island Fee Schedule.

Any master electrician or journeyman electrician who does not renew his or her ~~license or~~ certificate of registration pursuant to this article within the thirty day grace period provided by this section shall automatically forfeit such ~~license or~~ certificate. ~~In the event of forfeiture of a license or certificate in this manner, the holder thereof may apply for and qualify to recover such lapsed license by applying to the electrical board for renewal.~~

Amended by Ordinance No. 9366, effective 03-30-2012

§15-42. ~~Temporary Journeyman; License~~ Reserved

~~The chief building official~~ Building Department Director may issue a temporary journeyman electrician's license pending examination, provided, the applicant therefor holds a similar license from an examining board equivalent to the board of examiners established pursuant to this article. Such permit shall be valid until the next examination by such board of examiners.

§15-43. Apprentice Electrician

Apprentice electricians shall be required to have a valid State of Nebraska ~~license registration~~ and work under the direct supervision of a contracting, master, or journeyman electrician.

§15-44. Reserved.

§15-45. Reserved.

Division 6. ~~License; Registration Certificate~~ Revocation

§15-46. Registration Certificate; ~~License; Revocation~~

(A) *Registration Certificate; Revocation.* The Ceity Council, by a majority vote, shall have the power to revoke the ~~license or~~ certificate of any contracting, master, or journeyman electrician issued pursuant to this article, upon the recommendation of the ~~electrician's examining~~ Electrical Board, if such ~~license registration~~ was obtained through error or fraud, or if the recipient thereof is shown to be grossly incompetent, or has a second time willfully

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violated any of the provisions of this article. This penalty shall be cumulative and in addition to the penalties prescribed for the violation of the provisions of this article.

(B) ~~Licenses~~Registration; *Revocation*. If any person's qualifications for a registration certificate under this article shall fail at any time during the term thereof, such certificate shall be revoked and canceled immediately by the ~~building official~~Building Department Director, who shall serve notice of such action by registered mail to the holder of the certificate.

(C) *Registration Certificate*; ~~Licenses~~; *Notice and Hearing*. Before a license-registration issued pursuant to this article may be revoked, the licensee-registrant shall have notice in writing, enumerating the reasons for revocation, and shall be entitled to a hearing before the Ceity Ceouncil not sooner than five days from the date of receipt of the notice. The licensee-registrant shall be given an opportunity to present testimony, oral or written, and shall have the right of cross-examination. All such testimony before the Ceity eCeouncil shall be given under oath. The Ceity Ceouncil shall have the power to administer oaths, issue subpoenas, and compel the attendance of witnesses in such cases.

(D) *Decision of Council Final; Reapplication*. The decision of the Ceity eCeouncil relative to the revocation of a license-registration issued pursuant to this article shall be based upon the evidence produced at the hearing, and such decision shall be final. A person whose license-registration has been revoked shall not be permitted to reapply for another such license-registration within one year from the date of such revocation.

§15-47. Reserved

§15-48. Reserved

Article II. Municipal Service Division 1. Generally

§15-49. Interconnection Devices

Any energy conservation device generating electricity to be used for domestic purposes shall be interconnected with the electrical supply of the household, business, or industry finished by the Grand Island Utilities Department~~utilities department of the City of Grand Island~~ in accordance with plans, specifications, rules and regulations approved by the ~~director of utilities~~Utilities Director or his designated representative and subject to the inspection of the Grand Island Utilities Department prior to the conservation device being energized and put into operation.

A customer that has a generation facility (or facilities) that uses as its energy source methane, wind, solar, biomass, hydropower, or geothermal resources and is interconnected behind their service meter with an aggregate nameplate of 25 kW or less may be considered as a Qualified Facility (QF) and eligible for participation in a net metering program. The program will be available for QF customers until the aggregate nameplate capacity of the participating QF customers meets one percent (1%) of the peak annual demand of the Utilities Department. The installation of equipment by the QF customer must meet all applicable safety, interconnection, and reliability standards established by the National Electrical Code filed with the Secretary of State and adopted by the State Electrical Board under subdivision (5) of section 81-2104, the National Electrical safety Code, the Institute of Electrical and Electronics Engineers, and the Underwriters Laboratories; and must be equipped to automatically isolate the QF from the electrical system in the event of an electrical power outage or other conditions where the line is de-energized. An outside-mounted visible device shall be installed on the customer's side of the point of delivery/receipt that must be capable of preventing energizing the Utilities Department's service line and provide for a means for the Department to operate and lock in place. The Utilities Department will provide a bi-directional meter for measurement of the flow of electricity in both directions. Energy produced by the QF during the billing period will be credited at the applicable retail rate for the customer, not including the customer charge. Energy produced by the QF in excess of the customer's usage will be applied as a credit to the customer's account at the ~~Cost of Energy per Kilowatt Hour~~current month cost of energy per kilowatt-hour as defined in Division 6. At the end of the calendar year, any excess credits may be paid to the customer.

ORDINANCE NO. 9578 (Cont.)

It shall be unlawful for any person to connect an electric generating source to a system supplied electricity by the ~~City's department of utilities~~Grand Island Utilities Department without obtaining the aforesaid approval and inspection.

§15-50. Deposit Requirements

(A) Except as provided below, all electric service accounts established under the commercial rate structure shall be required to maintain a deposit in an amount to be determined by the ~~U~~utilities ~~D~~department as set forth in this section.

(B) Deposits for accounts in existence before September 1, 1983, shall be maintained in the amount established under the ordinances in effect at the time of the initial deposit, unless said deposit has been distributed under the provisions of this section.

(C) Deposits for any account created on or after September 1, 1983, and deposits for all accounts for which service has been reinstated after being disconnected for nonpayment shall be maintained in an amount of not less than Two Hundred Dollars (\$200), nor more than Two Thousand Dollars (\$2,000), as determined by the ~~U~~utilities ~~D~~department. The amount of the deposit required shall be equal to two times the highest billed period of the last 12 billing periods, not to exceed Two Thousand Dollars (\$2,000). For new construction or properties that have been unoccupied for the last 12 billing periods, a similar property from an identically zoned business shall be used in establishing the required deposit amount.

(D) From and after October 1, 2010, all deposits required herein shall accrue interest at the annually adjusted interest rate based on the 3 month LIBOR as of October 1, or the next business day. Interest shall be payable to the customer only at the time the deposit is refundable as provided in subsection E below.

(E) The deposit required herein shall be refunded to the customer as follows:

(1) When the electric service has been disconnected, whether at the request of the customer or for nonpayment of the customer's electric bill, or a new account has been created for said service with a different customer, and a final reading has been taken, any deposit on hand plus the accrued interest thereon, and minus the amount of any unpaid billing statement and other charges, shall be refunded to the customer; or

(2) After at least two years of continuous service to the customer, if the monthly payments for the account have been made promptly, with no more than two delinquent payments during the twenty-four (24) month period immediately preceding the request, the customer may request the ~~U~~utilities ~~D~~department in writing to refund the deposit. Upon receipt of the request, and if the above conditions of prompt payment have been met, the ~~U~~utilities ~~D~~department shall refund any deposit on hand, plus the accrued interest to the customer. For the purposes of this subsection, a payment shall be deemed delinquent if made more than fifteen (15) days after the date set forth on the monthly billing statement.

Amended by Ordinance No. 9275, effective 9-29-2010

Amended by Ordinance No. 9523, effective 3-17-2015

§15-51. Payment Conditions

(1) All bills are due when received.

(2) If full payment is not received by the due date stated on the bill, a late payment charge shall be assessed in accordance with the City of Grand Island Fee Schedule.

(3) A service charge shall be collected before reconnection, in each instance of disconnection for nonpayment of billing. If reconnection is demanded after business hours, an additional fee shall apply. The charges for reconnection shall be in accordance with the City of Grand Island Fee Schedule.

(4) A service charge in accordance with the City of Grand Island Fee Schedule will be assessed for each check returned for insufficient funds. This charge is in addition to any other charges.

(5) A service charge in accordance to the City of Grand Island Fee Schedule shall be collected, before all new connections are made by the ~~City~~ Utilities Department.

(6) A service charge in accordance with the City of Grand Island Fee Schedule shall be collected, to transfer service from one occupant to another occupant at the same location.

(7) Service periods are normally for periods of one year or longer. If it appears that services are being disconnected and reconnected within a twelve-month period, in order to avoid minimum billing charges; an amount equivalent to

ORDINANCE NO. 9578 (Cont.)

the minimum billings for the disconnected period (not to exceed eleven months) must be paid before the service is reconnected. This is in addition to the normal connection charges.

Amended by Ordinance No. 9523, effective 3-17-2015

§15-52. Rate Assignment

The Grand Island Utility~~ies~~ Department will attempt to assign customers to the lowest applicable rate. It is the customer's responsibility to inform the Utility~~ies~~ Department of any changes that may affect the assignment or billing conditions within a given rate.

The customer is in a better position than the Utility~~ies~~ Department to analyze electric usage. When more than one rate assignment is applicable, the customer may select the rate considered the most beneficial. Customer-requested rate re-assignments will not be made more frequently than once every twelve months. In no event will the Utility~~ies~~ Department be responsible for losses incurred due to improper rate assignment.

At customer request, demand metering will be installed by the Utility~~ies~~ Department. The Utility~~ies~~ Department may, at its option, assess a one-time charge of \$200.00 to pay the additional metering facilities.

§15-53. Power Factor

The customer shall install power-factor correction equipment, if necessary, to ensure a power factor of no less than 90%, lagging or leading.

§15-54. Arc Welders and X-Ray Units

Electric transformer type arc welders or x-ray units shall not be used on Residential or Single Phase Commercial Services. When used on Three Phase Services, the welder or x-ray unit KVA may be converted to horsepower for determination of connected horsepower at the rate of 746 watts per horsepower, minimum connection five horsepower.

Division 2. Residential Service

§15-55. 010 Residential Service

Applicable in urban and rural distribution areas. Available at single phase, through a single meter, to residential consumers for domestic use in a single-family dwelling unit; but is not available for commercial or non-domestic use.

Individual single-phase motors, not to exceed 10 HP each, may be connected; however, the City-Utilities Department must be notified in writing, if a motor over 5 HP is installed.

This schedule has two sets of rates: one for the summer period of five months, beginning with the June meter reading; and the second for the winter season of seven months, beginning with the November meter reading.

Summer Rate Beginning October 1, 2007

Kilowatt-Hours Used Per Month	(June – October)
First 300 KWH.....	\$0.085 per KWH
Next 700 KWH.....	\$0.060 per KWH
All additional KWH.....	\$0.067 per KWH

Plus a customer charge of \$5.00 per month, in addition to that charged for the electrical energy used, plus the applicable Power Cost Adjustment charge. The minimum monthly bill shall be \$5.00 prior to the Power Cost Adjustment.

Winter Rate Beginning October 1, 2007

Kilowatt-Hours Used Per Month	(November - May)
First 300 KWH.....	\$0.085 per KWH

ORDINANCE NO. 9578 (Cont.)

Next 700 KWH..... \$0.060 per KWH

Additional KWH..... \$0.039 per KWH

Plus a customer charge of \$5.00 per month, in addition to that charged for the electrical energy used, plus the applicable Power Cost Adjustment charge. The minimum monthly bill shall be \$5.00 prior to the Power Cost Adjustment.

Amended by Ord. No. 8940, effective 1-1-2005

Amended by Ord. No. 8946, effective 1-5-2005

Amended by Ord. No. 9133, effective 09-18-2007

Amended by Ord. No. 9523, effective 03-17-2015

§15-56. Service Specifications

Residential Service shall be supplied at a nominal voltage of 120/240 Volts or 120/208 Volts, single phase, ~~only~~.

Division 3. Commercial Service

§15-57. 030 Single-Phase Commercial Service

Applicable in urban and rural distribution areas. Available for commercial customers, for lighting and small appliances. Available for single meter apartment units, and combined residential-commercial use, where the Residential Rate is not applicable. Service shall be through a single meter.

Individual single-phase motors, not to exceed 10 HP each, may be connected; however, the ~~City~~ Utilities Department must be notified in writing, if a motor over 5 HP is installed.

Kilowatt-Hours Used Per Month

Rates Beginning October 1, 2007

First 350 KWH.....	\$0.090 per KWH
Next 650 KWH.....	\$0.080 per KWH
Next 1,500 KWH.....	\$0.074 per KWH
Next 2,500 KWH.....	\$0.070 per KWH
Next 5,000 KWH.....	\$0.064 per KWH
Over 10,000 KWH.....	\$0.061 per KWH

Plus a customer charge of \$7.00 per month, in addition to that charged for the electrical energy used, plus the applicable Power Adjustment charge. The minimum monthly bill shall be \$7.00 prior to the Power Adjustment.

Amended by Ord. No. 8940, effective 1-1-2005

Amended by Ord. No. 9133, effective 09-18-2007

§15-58. Service Specifications

Single-Phase Commercial service shall be supplied at a nominal voltage of 120/240 Volts or 120/208 Volts, single phase. ~~At the discretion of the Utilities Department 240/480 Volts, single phase, may be furnished.~~

§15-59. Discounts for Primary Service

If the Single-Phase Commercial user owns and maintains all necessary transformation equipment and

ORDINANCE NO. 9578 (Cont.)

structures, a 3% reduction will be made in the energy billed. If energy is metered on the primary side (7.2 KV or above) of the service, a 2% reduction will be made in the energy billed. These discounts, however, do not apply to the minimum stated.

§15-60. 050 Three-Phase Commercial Service

Applicable in the territory served by the City of Grand Island; and is available through a single meter at three phase, for any electric service uses where three-phase service is available.

This schedule has two sets of rates: one for the summer period of five months, beginning with the June meter reading; and the second for the winter season of seven months, beginning with the November meter reading.

Summer Rate Beginning October 1, 2007

Kilowatt-Hours Used Per Month	(June - October)
First 1,000 KWH.....	\$0.087 per KWH
Next 1,500 KWH.....	\$0.079 per KWH
Next 2,500 KWH.....	\$0.075 per KWH
Next 15,000 KWH.....	\$0.069 per KWH
Over 20,000 KWH.....	\$0.066 per KWH

Plus a customer charge of \$10.00 per month, in addition to that charged for the electrical energy used, plus the applicable Power Cost Adjustment charge.

Winter Rate Beginning October 1, 2007

Kilowatt-Hours Used Per Month	(November - May)
First 500 KWH.....	\$0.087 per KWH
Next 1,000 KWH.....	0.079 per KWH
Next 2,500 KWH.....	\$0.066 per KWH
Over 4,000 KWH.....	\$0.063 per KWH

Plus a customer charge of \$10.00 per month, in addition to that charged for the electrical energy used, plus the applicable Power Cost Adjustment charge.

Minimum

The minimum monthly charge shall be no less than \$10.00. The minimum shall in no event be less than \$0.70 per month per connected horsepower.

The billing horsepower shall be determined as follows:

1. Total connected horsepower, if total connected horsepower is less than 20 HP.
 2. If total connected horsepower exceeds 20 HP, then the billing horsepower shall be the larger of 20 HP, or the largest single connected motor.
 3. If questions arise as to the actual billing horsepower, the City-Utilities Department may, at its option, install demand meters. The Kilowatt reading shall determine the billing horsepower on the basis of 0.75 Kilowatt = 1.0 HP.
- It is the responsibility of the customer, to inform the City-Utilities Department of changes that may affect minimum billings.

Amended by Ord. No. 8940, effective 1-1-2005
Amended by Ord. No. 8946, effective 1-5-2005

ORDINANCE NO. 9578 (Cont.)

Amended by Ord. No. 9133, effective 09-18-2007
Amended by Ord. No. 9523, effective 03-17-2015

§15-61. Service Specifications

New Three-Phase Commercial Services are supplied at three phase, four wire wye, at 120/208 Volts or 277/480 Volts; ~~or three phase, three wire delta, at 240 Volts or 480 Volts.~~ Delta services must operate ungrounded, unless prior written approval is obtained by the customer from the ~~City~~ Utilities Department. Current unbalance between phases should not exceed 15%.

§15-62. Discounts for Primary Service

If the Three-Phase Commercial user owns and maintains all necessary transformation equipment and structures, a 3% reduction will be made in the energy billed. If energy is metered on the primary side (7.2 KV or above) of the service, a 2% reduction will be made in the energy billed. These discounts, however, do not apply to the minimum stated.

Division 4. Power Service

§15-63. 100 Three-Phase Power Service

Applicable in the territory served by the City of Grand Island, available through a single meter at three phase. Available for any commercial or industrial use of energy.

**Beginning
October 1, 2007**

Demand Charge

\$8.50 per KW of billing demand

Energy Charge

\$0.0355 per KWH for the first 450 hours of monthly demand

\$0.0290 per KWH for all additional usage; plus applicable Power Cost Adjustment charge.

Customer Charge

\$300.00 per month.

The minimum monthly bill shall be no less than \$700. The Power Cost Adjustment charge is applied to energy consumption only.

Amended by Ord. No. 8940, effective 1-1-2005
Amended by Ord. No. 8946, effective 1-5-2005
Amended by Ord. No. 9133, effective 09-18-2007

§15-64. Billing Demand

During the months of June through October, the Billing Demand shall be the Summer Demand. During the months of November through May, the Billing Demand shall be the measured Monthly Demand, but not more than the Summer Demand nor less than 65% of the Summer Demand.

The Monthly Demand shall be the highest rate of use in KW during a time interval of the meter reading period as established by the ~~City~~ Utilities Department, based upon the nature of the business of the customer. In no event shall the Monthly Demand be less than 50 KW.

The Summer Demand shall be defined as the maximum of the Monthly Demands established during June through October but not less than the Summer Demand established during the previous eleven months.

Amended by Ord. No. 9523, effective 03-17-2015

ORDINANCE NO. 9578 (Cont.)

§15-65. Service Specifications

Any standard, nationally recognized, three-phase voltage will be supplied if transformation is available.

§15-66. Discounts for Primary Service

If Three-Phase Power energy is metered on the primary side (7.2 KV or above) of the service, a 3% reduction will be made in the energy billed. In addition, if the user owns and maintains all necessary transformation equipment and structures, a 5% reduction will be made in the demand billed. These discounts, however, do not apply to the minimum stated.

§15-67. Waiver of Demand Charge

For customers developing a new site or significantly expanding an existing facility, the Utilities Department may waive the charge on the incremental demand for the first twelve months of service. Customers developing a new site must have an anticipated load of at least 500 KW; these customers will have the entire demand charge waived for the twelve month period.

An expansion must result in at least 300 KW additional load, based on largest historical Summer Demand at the facility. During the months from June through October, the demand charge in excess of this historical Summer Demand will be waived. During the months from November through May, the Billing Demand for the corresponding month of the previous year will be used as the Billing Demand.

Customers applying for this waiver must remain on Rate 100 for at least twelve months after resumption of full demand billing. For the twelve months after resumption of full demand billing, the Summer Demand will reflect the waived demand. The Summer Demand for new customers will be not less than 500 KW. The Summer Demand for plant expansions will be not less than 300 KW above the historical Summer Demand.

Written application for waiver of demand charge must be made prior to connection of such new load to the City electric system, and shall be subject to the approval of the Utilities Director ~~of Utility Operations~~.

Division 5. Area Flood Lighting

§15-68. 114 Area Floodlighting

Applicable in the territory served by the City of Grand Island; and is available for any outdoor area floodlighting of consumer's property from dusk to dawn, where such service can be rendered directly from existing secondary distribution lines of the City.

Luminare will be selected by Electric-Utilities Department and provided from Electric-Utilities Department stock. For installation on an existing wood pole, and connected to existing overhead secondary conductors on such pole, the rate is \$0.76 per watt per year billed on a monthly basis beginning October 1, 2006.

Power Cost Adjustment is not applicable to the Area Floodlighting Rate.

Amended by Ord. No. 8940, effective 1-1-2005

Amended by Ord. No. 8946, effective 1-5-2005

Amended by Ord. No. 9064, effective 9-6-2006

§15-69. Contract Period and Conditions

Service under Rate 114 is available for a minimum period of 24 months and thereafter until terminated by thirty (30) days notice in writing.

The City of Grand Island will install, own, and operate and maintain all area lighting equipment under this schedule. If underground service is desired, approval of the City must be obtained and the additional cost therefor shall be paid in advance to the City by the consumer on a nonrefundable basis.

The burning of the lamps shall be controlled by automatic control equipment installed by the City and burning time shall be approximately thirty minutes after sunset to approximately thirty minutes before sunrise.

The City shall be notified by the consumer of any operational failure of lamps. Lamp replacement or repairs will be performed only during regular working hours.

Non-Standard Installations: If underground service is desired or extension of overhead secondary facilities is required or special materials are requested, approval of the City must be obtained. All additional cost for materials and labor shall be paid in advance to the City, by the consumer, on a nonrefundable basis.

ORDINANCE NO. 9578 (Cont.)

Amended by Ord. No. 8940, effective 1-1-2005

Division 6. Power Cost Adjustment

§15-70. Power Cost Adjustment

The rates set out in this chapter are predicated upon a base power cost of 15.00 mills per kilowatt-hour. When the City's cost of energy per kilowatt-hour shall temporarily be greater than 15.00 mills per kilowatt-hour, there shall be added to the consumer's monthly charge for electricity used; an amount equal to the number of kilowatt-hours used during the month to which the consumer's charge applies, multiplied by the amount by which the cost of energy for kilowatt-hour shall be greater than 15.00 mills per kilowatt-hour.

Cost of energy per kilowatt-hour as determined for any month shall be applicable to all charges rendered to consumers after the last day of the following month, without any City Council action.

The cost of energy per kilowatt-hour applied to the consumer's monthly charge shall be an average of the previous six-months cost of energy per kilowatt-hour.

If a permanent increase in the contract cost of energy to the City occurs, beginning with the month that the cost increase becomes effective, the six-month average of the cost of energy per kilowatt-hour may be recalculated; using the new increased cost of energy, to compute the affected components of the cost of energy for the previous six months. This revised six-month average of the cost of energy per kilowatt hour shall then be applied to the consumer's monthly charge for electricity used without any City Council action.

For purposes of this section, the following words shall have the following meanings:

Cost of Energy shall mean the power cost for the generating plants owned by the City, consisting of the monthly natural gas cost and the cost of any fuel oil consumed; the cost of coal and air quality reagents consumed, including freight and handling charges; plus costs of payments by the City for power and energy purchased from other power suppliers, less receipts from energy sold to other electric utilities.

Cost of Energy per Kilowatt-Hour shall mean "Cost of Energy" as above defined, divided by 95 percent of the total kilowatt hours; consisting of the kilowatt hour output of the City's electric generating plants, plus the kilowatt hours purchased from other power suppliers, less the kilowatt hours of energy sold to other electric utilities.

Amended by Ord. No. 8940, effective 1-1-2005

Amended by Ord. No. 8946, effective 1-5-2005

Division 7. Interdepartmental Rates

§15-71. Interdepartmental Rates

Municipal accounts shall be assigned to standard retail Rate 30 or Rate 50 as appropriate. An Interdepartmental discount shall be assigned to non-enterprise accounts. The discount for calendar year 2005 is \$0.01 per kWh for Rate 50 Interdepartmental accounts and \$0.03 per kWh for Rate 30 Interdepartmental accounts. The discount beginning calendar year 2006 is \$0.003 per kWh for both Rate 50 and Rate 30 Interdepartmental accounts.

Amended by Ord. No. 8940, effective 1-1-2005

Amended by Ord. No. 8946, effective 1-5-2005

§15-72. Reserved

Deleted by Ord. No. 8940, effective 1-1-2005

§15-73. Reserved

Deleted by Ord. No. 8940, effective 1-1-2005

§15-74. Rate 116; Interdepartmental; Streetlights

The monthly charge for various size lights used for public street lighting and public parks lighting, whether City or privately-owned shall be \$0.38 per watt per year billed on a monthly basis beginning October 1, 2007. Power Cost Adjustment is not applicable to the Interdepartmental Streetlights Rate.

ORDINANCE NO. 9578 (Cont.)

Amended by Ord. No. 8940, effective 1-1-2005
Amended by Ord. No. 8946, effective 1-5-2005
Amended by Ord. No. 9133, effective 09-18-2007

§15-75. Reserved

Deleted by Ord. No. 8940, effective 1-1-2005

§15-76. Reserved

SECTION 2. Chapter 15 as now existing, and any ordinances or parts of ordinances in conflict herewith be, and hereby are, repealed.

SECTION 3. The validity of any section, subsection, sentence, clause, or phrase of this ordinance shall not affect the validity or enforceability of any other section, subsection, sentence, clause, or phrase thereof.

SECTION 4. This ordinance shall be in force and take effect from and after its passage and publication, within fifteen days in one issue of the Grand Island Independent as provided by law.

Enacted: March 8, 2016.

Jeremy L. Jensen, Mayor

Attest:

RaNae Edwards, City Clerk