



RULES & REGULATIONS 602

Extension of Electric Facilities

Section 1 – General Rules and Regulations of Extensions

The construction charges of Dawson Public Power District for delivery of electric power and energy from existing facilities are outlined below except as provided for under the individual rate schedule. The purpose of these Rules and Regulations is to establish the several conditions under which the District will make extensions or additions to its facilities and the procedure to be followed in determining the "Minimum Annual Charges," "Service Charges," "Customer Advances for Construction," or "Contributions in Aid to Construction" where such are necessary.

In general, the District will make extensions of its facilities of a permanent nature as outlined by the District's current construction standards. The District reserves the right to determine the advisability and legality of making any extension. Extensions made by the District shall be and remain permanently the property of the District, and the customer shall execute a service agreement and easements for the service to be supplied when such is required by the District.

The District's two basic plans for the extension of facilities depend upon the type of service and the investment required to serve the load, and are as follows:

(1) Where the investment per customer required is relatively small the District will collect a "Construction Charge" for the cost of the extension. The cost of upstream or "backbone" improvements will be covered by the District.

(2) The District may require new customers to pay a deposit or advance payment if the District believes there is a risk that the customer will not be able to meet their financial obligations or if the customer's needs will require the District to make expensive upgrades to its infrastructure. The cost of these upgrades will be borne by the customer.

The customer's investment in an extension shall mean the total investment as shown on the work order. The determination of charges or payments shall be made from an estimate of the investment as shown on the work order in accordance with this document. Prices are based on current market value.

GENERAL PROVISIONS

The customer shall furnish, install, and maintain all poles, wires, service entrances, service drops, etc., installed beyond the point of delivery, which is the point where the District's wires attach to the customer's wires, which generally is the metering point.

The metering point will be at a location accessible to any District employee at any time. Generally, this will be at the border of a customer's property adjacent to the public right-of-way. In cases where this is

not feasible, the customer will be required to give the District reasonable access to the meter and will hold the District harmless for accessing the property to view, install, repair or maintain the meter or other equipment owned by the District.

All line extensions and updates, with the exception of new subdivisions, must have a new or existing customer service associated with them before construction of the line extension will start.

CONNECTION OF ADDITIONAL CUSTOMERS

A development period of three (3) years will apply to all original line extensions. The three-year period will commence on the date service is first supplied to a customer with a construction charge. If, during the three-year period, one or more additional customers are served from the original line extension, the charge will be recalculated on the balance of the three-year period remaining to include the additional estimated revenue and investment. If the charge is re-determined to be less, the District will refund the prorated difference; however, any customer served by the original line extension will not be required to pay any additional charge due to new customers being served from the original line and its extension.

EQUIPMENT AND WIRING

The customer shall be responsible for applying for any electrical inspection of the customer facilities required by statute and shall be required to furnish written evidence of compliance before the electrical service will be energized for use by the customer.

SECONDARY SERVICE – NEW INSTALLATIONS

The Rules and Regulations applicable to secondary service from the District's terminal pole to customer's electrical system are as follows:

- a. Overhead for secondary service will be an option of the District unless the customer specifically requests underground secondary and said customer will be required to pay the increased cost, if any, and accept ownership of all secondary services attached.
- b. District will install the meter at the location determined by the District.
- c. Acceptable secondary service voltages are as follows; 120/240 Volt Single Phase, 120/208 Volt Wye Three Phase, 277/480 Volt Wye Three Phase
- d. The customer is responsible for all secondary service costs unless it has been determined that customer owning overhead service would not be feasible based on extenuating factors.
- e. All district owned underground will be submitted to the Nebraska Digger's Hotline and will be located at the customer's request, following the current rules of the Nebraska Digger's Hotline.

UNDERGROUND CABLE FOR SECONDARY SERVICE – EXISTING SERVICES

The following Rules and Regulations will apply to all electrical services that were installed prior to the effective date of these Rules and Regulations.

- a. Changes on existing secondary service installations will be at the option of the District.
- b. Where a customer desires to place customer's existing secondary service line underground it will be entirely at the customer's expense. The District will cooperate by making necessary changes in District facilities at District expense.
- c. Where the District desires to place the secondary service line underground it will be at the District expense. In this case the District may decide to move the meter to a location near the edge of a customer's property and install secondary conductor for the customer. The customer, in this case, would be responsible for all future maintenance and repair of these facilities. Any betterment of customer facilities will be covered by the customer.
- d. Where the customer requests replacement of existing overhead primary facilities with secondary underground facilities, the District will remove the overhead facilities at its expense and the customer will be responsible for the total cost of installing the replacement underground system. Maintenance of the replacement equipment will be the responsibility of the customer.

PRIMARY SERVICE – NEW INSTALLATIONS

- a. Installation of overhead or primary underground line will be the option of the District.
- b. The District will furnish all labor and material for initial primary line installation and the District will be responsible for maintenance and repair of the primary facilities.
- c. The owner(s) of the property receiving service will be required to execute the District's standard form of easement covering the primary line route.
- d. All district owned primary underground will be submitted to the Nebraska Digger's Hotline and will be located at the customer's request, following the current rules of the Nebraska Digger's Hotline.
- e. Primary metered services where the customer owns the high voltage line will be provided at the District's standard voltages. The District is not responsible for any customer facilities. No previous rules in this section apply. Primary service is not available for all services and will be approved on a case-by-case basis by the Engineering Manager or General Manager.

PRIMARY SERVICE – EXISTING INSTALLATIONS

Where a customer requests replacement of an existing overhead primary line with underground primary line and this replacement does not add value (non-betterment) to the District and is primarily beneficial for only the customer, the customer will be billed the estimated cost of the change. The replacement

facilities will be furnished and installed by the District, remain the property of the District, and the District will be responsible for maintenance and repair.

MOVING OR REMOVAL OF ELECTRIC FACILITIES

Where a customer requests a service moved to a location and abandoned at the old location, the customer must agree to pay all non-betterment costs of retiring the old line and facilities, and construction of the new line and facilities.

In order to accommodate the diverse situations in which the District is tasked with expanding its electric facilities and determining the corresponding service provisions and associated costs, this section incorporates specific Rules and Regulations for the Extension of Electric Facilities. These rules are designed to address the unique circumstances outlined in the preceding set of rules and to establish guidelines for the extension process, rate structures, and investment considerations.

Section 2 - Extension for General Service & Small Power Service

The extension of the District's current lines and facilities is intended to provide service to non-seasonal general services, including stock pumps, permanent residential areas, residential farms, commercial establishments, and public buildings. For more detailed information on the specific conditions and eligibility, please refer to the corresponding rate document.

Section 3 - Extension for Large Power Service

Applicable to extensions of the District's lines and facilities to provide electric service under District rate schedules applicable to extensions of the District's lines and facilities to provide electric service under District rate schedules Commercial, Large Power, and Large Power-Interruptible.

REVIEW OF ESTIMATED MONTHLY DEMAND

One year after the District begins supplying electric service to a customer connected under this extension guideline, the actual measured demands, load factor and coincidence factor will be averaged and compared with the estimated values used in the line extension calculation. If the measured values exceed the estimated values used to compute the aid to construction payment, the payment will be recalculated and any over-payment refunded to the consumer. No additional charges will be incurred from the customer. However, the distribution charge and/or minimum charges specified in the contract will continue to apply. No refunds under this section are to be made until approved by the Manager of Engineering or the General Manager.

Section 4 – Extension to Irrigation Pumps

Applicable to extensions of the District's existing lines and facilities for service to irrigation pumps and pivot sprinkler drive motors that are seasonal services.

Section 5 - Extension for Underground Systems, New Development

Applicable to underground extension of the District's existing lines and facilities for service to new areas with permanent residential dwellings. Typically, these will be "Subdivisions". "Mobile Home Courts" are specifically excluded.

CONTRACT REQUIREMENTS

a. Approval by District

When a new underground subdivision is proposed, the design plan for the construction shall be submitted to the District's Engineering Department for consideration prior to being platted by the county. The District's engineering department will mark up the drawings to include easements and right-of-ways required to serve the proposed Subdivision. The plan shall be approved by the District and the county before any work order is prepared for release and before any commitments are made to the developer.

b. Agreement and Contents

An agreement between the developer and the District will be executed before installation begins. Each agreement shall cover a specified number of lots as a particular project. Unless mutually agreed, no project will be developed piecemeal. A standard form prepared by the District will be used for all projects and stipulate the following:

1. Number of lots to be served
2. Type of system to be installed
3. Developer's total contribution
4. Utility easement provisions
5. Equipment and material District will furnish, install and maintain
6. Exhibit attachment consisting of map with location of electric facilities
7. Developer responsibilities, such as final grade determination
8. Development period

RESPONSIBILITY OF THE DISTRICT

a. General

The District will furnish, install and maintain all material and equipment to serve the primary underground system. The District will be responsible for the complete installation of primary riser, primary and secondary underground conductors, transformers, service pedestals, meter pedestals, and other necessary associated electrical equipment.

When practical, the District shall encourage joint trench construction; either random lay or vertical separation with telecommunication facilities. Joint trench costs will be shared by the different utilities involved. If the District has existing joint use/pole attachment agreement, the District's layout engineer

shall contact the local telecommunications companies prior to any layout work in a new subdivision to determine whether joint trench construction will be used.

b. System

The District will furnish one basic type of underground system which shall consist of padmounted transformers installed above grade and located as determined by the District. The preferred location for the underground system is adjacent to the front lot lines. In special cases it may be impractical to locate the system in front of the lots.

RESPONSIBILITY OF DEVELOPER

a. General

The developer will agree to furnish the District permanent right-of-way with the right of ingress and egress at all times for construction and maintenance of electric facilities, including access to individual customer services. The area under development will be brought to final grade before the underground system is installed. After the underground electric system construction has begun, any changes of grade that, in the opinion of the District requires relocation of the electric system, will result in such relocation being done at the expense of the developer.

Systems located on lot lines shall be placed within a utility easement strip provided by the developer. All of the District's equipment including transformers, primary and secondary conductors and secondary termination equipment shall be completely located within the designated easement area. Service shall be extended from District secondary termination point located within the easement strip to individual houses by the owner.

b. Construction Power

Construction power for builders during house construction shall be from the underground system. If the underground system is not installed and construction power is required, temporary overhead construction to serve a builder will be installed and removed at the builder's expense, under existing District policy for temporary service.

When temporary service from the underground system is desired, the owner shall hire a qualified electrician to make a temporary cable installation from the District's secondary to a service pole owned and set by the builder. The District will own and set the meter according to the existing service policy.

DEVELOPER'S CONTRIBUTION

Contribution by the developer shall consist of an amount estimated by the District's staking engineers for the entirety of the subdivision or the phase of the subdivision's installation. Said contribution shall be due and payable prior to beginning the installation of the underground conductor by the District.

Section 6 - Extension for Temporary Service

Applicable to temporary extensions of the District's existing lines and facilities for any class of service which, in the opinion of the District, is considered as temporary service even though, in some cases, service may be used for a year or longer.

EXTENSIONS

Where the extension is to a temporary service, the customer will pay a charge equal to the estimated cost of construction including material, labor, stores, and labor overhead plus the estimated cost of removal less the estimated material salvage value necessary to construct and retire (if required) the extension.

The District may require a deposit, in advance, of the full amount of the estimated bill for service.

GENERAL PROVISIONS

- a. The District will furnish the meter socket and will furnish, install, and maintain the necessary meter at its expense.
- b. The customer, at his expense, shall furnish and install all necessary wiring and other associated equipment installed beyond the point of delivery using a Nebraska qualified electrician.

RATES AND BILLING

A service agreement shall be entered into between the District and the customer. Billing for service shall be under the District's rate schedule applicable to the class of service being supplied.

Section 7 – Upgrades to Existing Service

Applicable to any existing customer of the District whose service currently or will soon no longer meet the rated capacity of the equipment used to serve them.

GENERAL PROVISIONS

Customers will be provided with a written estimate for these upgrades. Customers will be responsible for the cost of the estimate, less the replacement cost of any salvaged equipment that can be reused. Prior to the upgrade, the customer shall submit payment in full.

DAMAGED EQUIPMENT

In the event a customer's service is damaged due to overloading of facilities, it is the customer's responsibility to cover the full cost of replacing the equipment if the District was not provided written notice of the increased load before it was brought online. In the event the District was notified of the

increased load, any damaged service equipment will be the responsibility of the District to replace at the District's cost.

SHARED SERVICE EQUIPMENT

If a service upgrade is required where equipment is shared by customers, the customer will be responsible for any new equipment that is to serve them specifically. Any shared equipment will be paid for by the customer requiring the upgrade as a percentage. The percentage shall be calculated using the historical peak demand during the last three (3) year period of customers on the service that do not require the upgrade and the estimated peak demand of the service requiring the upgrade.